高景太阳能
Gokin Solar

Gokin Solar

2025 Environmental, Social, and Governance (ESG) Report

2025

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About This Report

Report Preparation

This is the third environmental, social and governance (ESG) report released by Gokin Solar Co., Ltd. (hereinafter referred to as "Gokin Solar", "the Company" or "we"), in which the Company's management, practices, and performance in undertaking corporate social responsibility and practicing sustainable development in 2025 are disclosed, while material topics of stakeholder concerns are addressed.

• Board of Directors' Statement

This report was released after review and approval by Gokin Solar's Board of Directors.The Board of Directors and all directors guarantee there is no falsifications, misleading statements or major missing contents. Gokin Solar is responsible for the authenticity, accuracy and completeness of this report.

• Report Release

The report is published online in Chinese and English. Should there be any discrepancy between the two versions, the Chinese version shall prevail. Please download it on our website (https://www.gokinsolar.com).

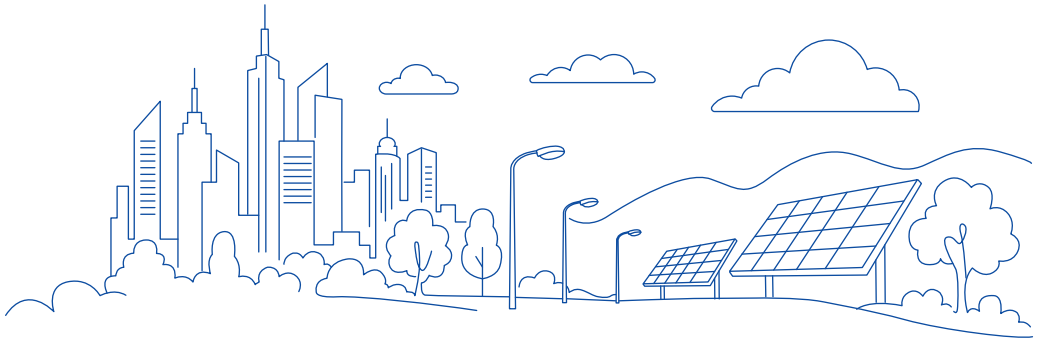
• Suggestions and Feedback

For comments and suggestions on this report, please contact us:

Tel.: 0756-6836188

Email: esg@gokinsolar.com

Website: https://www.gokinsolar.com



Reporting Period and Boundary

Reporting Period: From January 1, 2025 to December 31, 2025. Certain disclosures and information extend beyond the reporting period where necessary for completeness and continuity.

Reporting Cycle: Once a year

Reporting Boundary: The disclosure scope of this report aligns with that of the annual report, encompassing Gokin Solar Co., Ltd. and its subsidiaries.

• Reporting Definitions

Entity Name	Referred to as
Gokin Solar Co., Ltd.	Gokin Solar / the Company / We
Guangdong Jinwan Gokin Solar Technology Co., Ltd.	Jinwan Gokin (Solar) / Zhuhai base
Qinghai Gokin Solar Technology Co., Ltd.	Qinghai Gokin (Solar) / Xi'ning base
Sichuan Gokin Solar Technology Co., Ltd.	Sichuan Gokin (Solar) / Yibin base
Guangzhou Gokin Solar Technology Co., Ltd.	Guangzhou Gokin (Solar) / Guangzhou base

Basis of Preparation and Reference Standards

GRI Sustainability Reporting Standards (GRI Standards 2021)

UN Sustainable Development Goals (SDGs 2030)

Self – Regulatory Guidelines No. 17 for Companies Listed on Shenzhen Stock Exchange — Sustainability Report (For Trial Implementation)

Self – Regulatory Guidelines No. 3 for Companies Listed on Shenzhen Stock Exchange — Preparation of Sustainability Report

Data Sources

Information and data in this report come from our original ledgers, documents, audit reports, etc. Some data are from our 2025 annual report. Unless otherwise specified, all amounts herein are presented in Chinese Yuan (CNY).

Message from the Chairman

In 2025, the global energy transition continues to deepen, with green and low-carbon development becoming a consensus. Concurrently, the photovoltaic industry is undergoing significant changes characterized by supply-demand restructuring, technological iteration, and value reshaping. Amidst an environment rife with volatility and challenges, we have reaffirmed a core conviction: true corporate competitiveness transcends mere scale and speed. It hinges on the resolve of long-termism, the impetus of technological innovation, and the resilience of responsibility to navigate cycles and forge steady progress.

Over the past year, Gokin Solar has remained steadfast in its founding mission to 'Benefit mankind more with solar.' Anchoring ourselves to the direction of high-quality development, we have continuously consolidated the foundation for sustainable growth, focusing on technological innovation, green manufacturing, compliance governance, customer value, and employee development.

As a new energy enterprise rooted in advanced manufacturing, we firmly believe that true sustainability extends beyond the clean energy generated by our products; it demands a profound reverence for resources, the environment, and efficiency throughout the entire production process. We are committed to advancing green and low-carbon manufacturing by refining our environmental management systems, driving energy conservation and consumption reduction, promoting resource circularity, and developing green factories. Through these initiatives, we continuously enhance the utilization efficiency of energy, water, and raw materials, striving to ensure that every silicon wafer and module carries a lower environmental footprint and higher green value.

Innovation remains the primary driver of Gokin Solar's development. Over the past year, adhering to the principle of 'upholding fundamentals while embracing transformation,' we have deepened the integration of technological R&D with digital transformation, leveraging innovation to fuel long-term corporate growth. On one side, we have reinforced our R&D system to consolidate cutting-edge technological capabilities. On the other, we have accelerated the shift toward digitalization and smart manufacturing, advancing the digital evolution of both management and operations. This synergy ensures that technological innovation and intelligent manufacturing become the fundamental bedrock of our high-quality development.

Quality and customer trust constitute the most solid bedrock of our confidence. Over the past year, maintaining a steadfast customer-centric approach, we have continuously refined our quality and service systems. Through initiatives such as optimizing closed-loop customer demand management, strengthening localized technical support, and implementing dedicated logistics improvements, we have significantly enhanced our delivery assurance capabilities and overall customer experience. In 2025, we achieved a 100% first-pass success rate for new customer onboarding and reduced the customer complaint rate by 70% compared to 2023. These results underscore our consistent position within the top tier of our core customers' supplier ecosystem.

Concurrently, we have deepened our conviction that as a company scales, it must redouble its commitment to respecting rules and upholding the bottom line. Over the past year, we have continued to refine our ESG governance structure, bolstering business ethics, compliant operations, risk management, and internal control systems. By embedding the principles of legal compliance and integrity management into every facet of our operations, we have continuously elevated the standardization and transparency of our governance, alongside our organizational risk resilience.

We firmly believe that the growth of an enterprise is ultimately rooted in the growth of employees. Gokin Solar remains steadfastly committed to safeguarding employee health and safety, fostering career progression, and enhancing overall well-being. We are dedicated to cultivating a safe, open, and collaborative environment where value is created and shared collectively. This commitment stems from our conviction that every individual striving for excellence is a vital force driving the company forward.

Gokin Solar will remain aligned with the global trend of green transition, steadfastly upholding innovation-driven growth and long-termism. We are committed to advancing our Environmental, Social, and Governance (ESG) practices to higher standards. By collaborating closely with employees, customers, partners, and broader society, we strive to propel the high-quality development of the clean energy industry. Our goal is to contribute distinctive 'Gokin strength' to building a greener, low-carbon, and more sustainable future.

“Committed to Long-termism and Advancing Together Toward a Brighter Future”

Chairman of Gokin Solar
Zhiqun Xu

About Gokin Solar

I Company Overview

Established in 2019, Gokin Solar Co., Ltd. focuses on photovoltaic solar energy and aims to become a benchmark enterprise in the global photovoltaic sector.

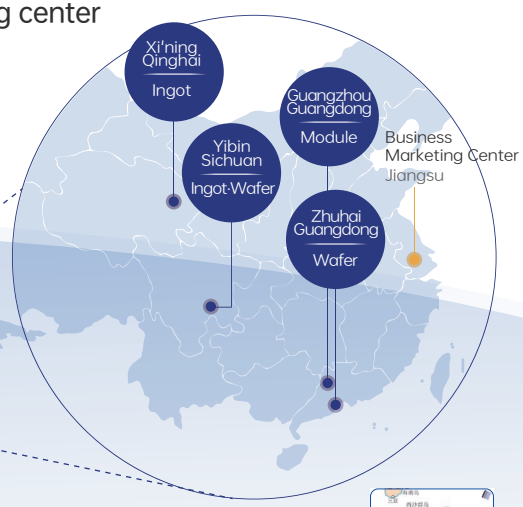
Following the mission to "bring greater benefits to humanity through solar energy", we have proactively made overall arrangement of core links of the industry chain, and formed three business sectors for monocrystalline silicon rods/wafers, photovoltaic modules, and photovoltaic power stations. We offer photovoltaic products and solutions to global markets and boost the building of a new energy system.

We run 4 production bases and 5 power station development centers around the world, and our business marketing center is located in Jiangsu, China. Embracing product presence in over 30 countries and regions including the United States, Germany, Italy, Malaysia, etc., we contribute to global zero-carbon development through an efficient, professional global service network covering multiple levels and supported by multiple channels.

Wafer Production Capacity	Cumulative Shipment Volume	Global Shipment Ranking
100GW	200GW	Top 3

Data cut-off date: December 31, 2025

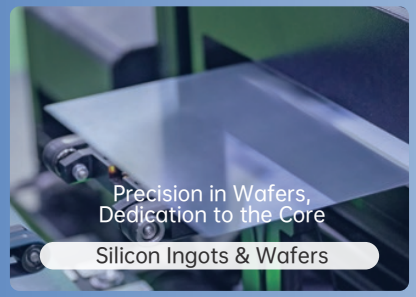
Collaborative layout of the entire chain across four production bases and one business marketing center



Industrial Layout

Gokin Solar PV Industry Chain Layout

Company PV Industry Chain Layout ▶

Upstream	Midstream	Downstream	Application Side
			
High-Purity Silicon Materials	Precision in Wafers, Dedication to the Core Silicon Ingots & Wafers	Integration Expertise, Excellence in One Step PV Modules	Green Energy Steward · All-Inclusive PV Power Stations

I Milestones and Awards

Key Milestones in 2025

02.07
Secured the 1.5 GW PV module framework supply contract from CGN New Energy

04.03
Official commissioning of BC module production line equipment

04.14
Awarded CNAS Laboratory Accreditation (ISO/IEC 17025)

05.10
Signed a strategic cooperation agreement with Grodno S.A., a leading Polish energy company

06.11
Signed a strategic cooperation agreement with TÜV Rheinland

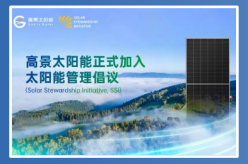
06.19
Named among the Top 20 PVBL Global PV Brand Value (Polysilicon & Wafer)

09.27
2025 Global Top 500 Renewable Energy Enterprises

10.10
Powered the "Origin Flame" Collection for the 15th National Games

10.28
Officially inaugurated the Yibin R&D Center

11.10
Joined the Solar Stewardship Initiative (SSI)



11.11
Shortlisted as an approved PV module supplier for CECEP (2025–2027)

11.21
Signed a strategic partnership agreement with Master Battery, S.L., a leading Spanish enterprise

12.03
Listed in the 2025 Global Top 500 Unicorn Enterprises

12.10
Joined the RE100 initiative

12.10
Hosted the Global BC Ecosystem Summit-under the theme "Dancing with Light,Embarking on a-Grand Journey"

12.25
Awarded-an "A" grade in the Wind ESG Rating

Corporate Honors and Brand Awards

Jinwan Gokin	Recognized as a "Compliant Enterprise under the PV Manufacturing Industry Specification Conditions"	2025-09-12
	Certified as a "National Green Factory"	2025-06-19
	Designated as a "Guangdong Advanced Smart Factory"	2025-07-31
Qinghai Gokin	MIIT Manufacturing Enterprise Intelligent Connectivity Management Capability Assessment – Inspection Level (2024)	2025-07-01
	Named "Qinghai Provincial Quality Benchmark Enterprise (2025)"	2025-07-07
	2025 "Top 500 Chinese Enterprises" Ranking List of Qinghai Enterprises (16th)	2025-07-20
	Qinghai Province's Intelligent Factory "Advanced Level" in 2025	2025-08-01
Sichuan Gokin	Top 100 New Economy Enterprises in Sichuan Province in 2024	2025-01-22
	Awarded the Excellent Project Award in the "Energy Electronics — Photovoltaics and New Energy Storage" Track at the 2024 BRICS Industrial Innovation Contest	2025-02-08
	Top 100 Enterprises in Sichuan Province in 2025	2025-10-23
	Top 100 Private Enterprises in Sichuan Province in Terms of R&D Investment in 2025	2025-11-01
Guangzhou Gokin	CNAS Laboratory - Guangzhou Gaojing Solar Technology Co., Ltd. Testing Center	2025-04-14
	Clean Manufacturing Enterprise in Guangzhou	2025-06-01
	Green Factory in Guangzhou	2025-06-20
	2025 "Seed Unicorn" Enterprises in Guangzhou	2025-12-15

Strategic Positioning and Development Vision

Corporate Mission
Benefit mankind more with solar.

Corporate Vision
Be THE ONE in Photovoltaics.

Business Philosophy

01 Integrity as our foundation.

02 Talent and management as our strength.

03 Products as our priority.

04 Innovation as our path to success.

The "5 Forces" of Excellent Management

Ballast capacity	(Product strength)
Ability of Grain and Grass Officer	(Planning , Procurement, Delivery)
Cooking ability	(R&D, innovation, manufacturing)
Do more with less	(Human efficiency, equipment efficiency)
Captain's capability	(Project management competence)

Corporate Culture and Core Values

Core Values

Co-creation

Gokin's "Essence". We regard the Company as a platform for common growth and a shared endeavor, ensuring the Company's sustainable and long-term development.

Superb

Gokin's "Operational Standards". We constantly strive for perfection in every detail, and achieve the optimal results to set an industry benchmark.

Transparency

Gokin's "Atmosphere". Employees can focus on their work without distraction because of the simple relationships between people and the simple and clear system.

Innovation

Gokin's "Action Guidelines". We focus on our core duties while expanding boundaries, daring to break through and innovate without sticking to conventions.

Achievement

Gokin's "Goal". We aim to achieve the Company's business goals and social value, while also promoting the shared achievements of employees, shareholders, customers, and the government.

Special Feature – Achievements:
Creating Long-term Value for a Sustainable Future

Sustainability Commitment

Gokin Solar roots its progress in environmental sustainability, empowering growth through Co-creation, defining standards by being Superb, elevating efficiency with Transparency, unlocking breakthroughs through Innovation, and securing long-term value via Achievement. United in purpose, we drive the Company's high-quality evolution—advancing greener manufacturing, uncompromised product reliability, and resilient governance to fuel the global energy transition and a sustainable future for humanity.

Environmental

The foundation and root of Gokin Solar's sustainable development.

Rooted in the photovoltaic main business, Gokin Solar integrates environmental protection and green low-carbon development into the entire process of strategy and operations. We continuously focus on energy utilization, water resource management, pollution prevention, waste management, and climate change response, constantly improving resource utilization efficiency and green manufacturing levels, supporting the long-term stable development of the enterprise with lower environmental impact.

Transparency

The management style of Gokin Solar's sustainable development.

Gokin Solar advocates clear, transparent, pragmatic, and efficient governance and management styles, promoting concise systems, smooth processes, direct communication, and strong execution. This enables the organization to focus on goals single-mindedly, improve efficiency, and enhance collaboration, providing stable and efficient management support for sustainable development.

Co-creation

The collaborative approach to Gokin Solar's sustainable development.

Gokin Solar insists on building itself into a platform for common growth, establishing open, trusting, and collaborative relationships with employees, customers, suppliers, shareholders, governments, and all sectors of society. By sharing responsibilities, sharing results, and seeking common development, we pool the synergy that drives the enterprise's sustained growth and social progress.

Innovation

The action roadmap for Gokin Solar's sustainable development.

Gokin Solar insists on emphasizing both integrity and innovation — not only focusing on our duties and consolidating our foundation but also actively breaking boundaries and driving innovation. Based on compliant operations and stable governance, we continuously enhance competitiveness through technological innovation, model optimization, and management reform, forming development momentum oriented toward the future.

Superb

The operational standards for Gokin Solar's sustainable development.

Gokin Solar adheres to refining on the basics, pursuing excellent quality, ultimate efficiency, and continuous improvement. We implement high standards throughout R&D, manufacturing, quality, safety, service, and all other aspects, striving for excellence in every detail, setting an industry benchmark with high-quality products and high-level operations.

Achievement

The value creation objectives of Gokin Solar's sustainable development.

What Gokin Solar pursues is not only the growth of business operating performance but also the joint realization of employee growth, customer trust, shareholder returns, government recognition, and social value. By creating long-term, stable, and sharable value, Gokin Solar strives to achieve the common accomplishment of enterprise development results with all stakeholders.

ESG Governance Structure

Gokin Solar deeply recognizes that a stable and complete ESG governance structure is an important foundation for promoting the Company's sustainable development. The Company continuously optimizes its governance structure, strengthens risk management and process control, enhances decision-making efficiency and execution capabilities, and ensures standardized operation and stable development. The Company has gradually established and improved its internal ESG governance structure, forming a board-centric three-tier ESG management system of "Decision-Making — Management — Execution," with clear hierarchies and defined responsibilities, ensuring the systematic advancement and effective implementation of ESG work.

Gokin Solar's ESG Governance Structure

Decision-making Level

Board of Directors

- Strategy and Sustainable Development Committee
- Sustainability Executive Team

- The Board of Directors serves as the highest governance and decision-making body responsible for ESG-related matters at Gokin Solar. It has established the Strategy and Sustainable Development Committee, which comprises 3 directors with the Chairman serving as the convener. The Committee regularly convenes ESG-related meetings to study and discuss the Company's ESG strategic development direction and ESG arrangements. It is also responsible for ESG strategic planning and policy formulation, ESG target setting, assessment and management of ESG-related risks and opportunities, and decision-making on ESG-related disclosure documents and material affairs.
- The Strategy and Sustainable Development Committee has established the Sustainability Executive Team underneath, which is responsible for communication and coordination between the decision-making level and management level.

Management Level

- Sustainability Steering Office

- Undertake arrangements and tasks from the decision-making level, and promote and coordinate the Company's ESG efforts.
- Coordinate and supervise the ESG progress across departments and promptly address key and difficult issues.

Execution Level

- Sustainability Executive Group (composed of departments concerned)

- Composed of heads of departments concerned, responsible for decomposing ESG targets based on their respective business areas and scope of authority, formulating action plans and advancing work implementation.
- Organize and conduct ESG-related training programs.

Stakeholder Communication

The Company values establishing open, transparent, and normalized communication mechanisms with various stakeholders. We continuously listen to and respond to the concerns of shareholders and investors, customers, employees, suppliers and partners, governments and regulatory agencies, communities, and the public, promoting the translation of communication outcomes into operational improvements, management optimizations, and responsibility practices.

Stakeholder Category	Topics of Concern	Communication Channels	Impact Factors	Impact Analysis
Customers	• Corporate Governance • Information Security and Privacy Protection • Product Quality and Safety • Customer Relationship Management • Product Lifecycle Management	• Customer Visits • Technical Exchanges • Business Communication • Customer Audits • Satisfaction Surveys • After-sales Service Channels	• Market Competitiveness • Customer Trust • Order Stability • Brand Image	Customers are key stakeholders in realizing the Company's value. Their requirements regarding product quality, delivery capability, green low-carbon performance, and compliance management directly affect the company's market performance and sustainable operation capability.
Employees and Other Workers (Including Labor Unions)	• Human Capital Development • Occupational Health and Safety • Employee Rights Protection • Diversity, Equity, and Inclusion	• Employee Forums • Labor Union Communication • Employee Interviews • Training and Exchanges • Internal Platforms • Feedback Mechanisms • Grievance Channels	• Organizational Stability • Talent Attraction and Retention • Operational Efficiency • Organizational Cohesion	Employees are the core support for the company's high-quality development. Sound employee relations, health and safety management, and growth mechanisms help enhance organizational vitality, execution efficiency, and long-term competitiveness.
Suppliers and Partners	• Information Security and Privacy Protection • Sustainable Supply Chain • Product Quality and Safety • Corporate Governance • Risk Management • Business Ethics	• Supplier Qualification Assessment • Daily Communication • On-site Audits • Supplier Conferences • Training and Enablement • Performance Evaluation	• Supply Chain Stability • Quality Assurance • Cost Efficiency • Compliance Risk • Value Chain Resilience	Suppliers and partners are vital components of the company's value chain. Their performance capability, responsibility management level, and collaboration efficiency directly affect the company's supply security, quality performance, and sustainable operation capability.

Stakeholder Category	Topics of Concern	Communication Channels	Impact Factors	Impact Analysis
Shareholders and Investors	• Corporate Governance • Risk Management • Business Ethics • Product Quality and Safety • Customer Relationship Management • Energy Management • Water Resource Management • Climate Change Response • Biodiversity	• General Meetings of Shareholders • Periodic Reports • Interim Announcements • Earnings Briefings • Investor Hotline • Email	• Capital Market Image • Financing Capability • Governance Constraints • Long-term Value Recognition	Shareholders and investors focus on the company's operational stability and long-term growth potential. Transparent, timely, and accurate information communication helps strengthen market trust and enhance the company's capital market image.
Industry Associations	• Technological Innovation and Intellectual Property Protection • Product Quality and Safety • Community Contribution and Philanthropy • Corporate Governance	• Industry Conferences • Standard Discussions • Thematic Exchanges • Member Activities • Project Collaboration	• Industry Influence • Policy Adaptability • Standard Participation • External Synergy Capability	Industry associations are important platforms for the company to understand industry trends, participate in industry governance, and strengthen professional exchanges. They help the company grasp policy dynamics, improve industry collaboration levels, and increase external influence.
Community	• Environmental Management System • Community Contribution and Philanthropy • Pollutant and Waste Management • Energy Management • Water Resource Management	• Community Visits • Public Communication • Open Day Events • Charity Projects and Volunteer Services • Complaint Feedback Channels	• Social Recognition • Community Contribution • Operating Environment • Corporate Reputation	The community is a significant stakeholder group where the company operates. Good community relations help create a harmonious and stable development environment, enhancing corporate social recognition and local integration levels.
Civil Society Organizations (including NGOs)	• Environmental Management System • Water Resource Management • Pollutant and Waste Management • Biodiversity • Product Lifecycle Management • Climate Change Response • Diversity, Equity, and Inclusion	• Thematic Exchanges • Project Collaboration • Research Communication • Public Information Disclosure • Philanthropic Activities	• Social Supervision • Responsibility Image • Issue Sensitivity Identification • Cooperation Expansion	Civil society organizations possess expertise and social influence in the fields of environment, society, and public welfare. Their attention helps the company identify external responsibility issues and deepen the scope of responsibility management.
Media	• Environmental Management System • Pollutant and Waste Management • Product Quality and Safety • Corporate Governance • Business Ethics	• Press Releases • Media Interviews • Official Website • WeChat Official Account • Public Reports • Thematic Communication	• Brand Communication • Public Perception • Public Opinion Management • Reputation Risk	The media serves as a crucial bridge for communication between the company and the public. Standardized, timely, and transparent information dissemination helps shape a positive brand image and strengthen public understanding and trust in the company.

Material Topics Analysis

The Company places a high priority on the identification and assessment of sustainability-related topics, and continuously regards this work as an important foundation for improving sustainable development management, optimizing resource allocation, and enhancing the relevance of information disclosure. During the reporting period, combining industry characteristics, actual operations, key stakeholder concerns, and the company's long-term development direction, the company conducted a systematic review and comprehensive assessment of relevant topics in the environmental, social, and governance areas. Following deliberation by the Strategy and Sustainable Development Committee and senior executive management, the outcomes of this analysis were adopted to establish the 2025 Dual Materiality Topic Matrix and the Value Chain Impact Analysis.

Material Topics Assessment Process

Topics Identification

Based on the listed company sustainable development-related topic system, the Company conducted a preliminary identification of material topics, integrating industry characteristics, development stage, business model, and value chain structure. In the identification process, the Company focused on factors such as strategic planning and business strategies, the latest ESG management trends, overall industry conditions, and capital market concerns, systematically analyzing the environmental, social, and governance topics faced during the Company's business development, thereby forming an initial topic list covering 20 key ESG topics.

During the topic identification stage, the Company simultaneously paid attention to the context of its activities and business relationships, including main business and product layout, key production and operation links, upstream and downstream value chain relationships, the external policy and regulatory environment, and major affected stakeholders, laying the foundation for subsequent assessment.

Stakeholder Engagement

To enhance the objectivity, completeness, and applicability of the material topics assessment results, the Company conducted multi-channel research focusing on key stakeholders. During the reporting period, through questionnaire surveys, departmental interviews, and other methods, the Company systematically collected stakeholder attention and judgments regarding each topic.

Participating stakeholders covered major groups including customers, employees and other workers, suppliers and partners, shareholders and investors, industry associations, and communities. The Company also incorporated input from internal management and relevant functional departments to supplement the assessment of each topic's importance in business management, risk control, value chain impact, and future development, thereby strengthening the balance and relevance of the results.

Dual-dimensional Analysis and Assessment

Following the formation of the topic list and completion of stakeholder research, the company conducted a systematic assessment of the 20 topics from two dimensions: impact materiality and financial materiality.

- Regarding impact materiality, the company primarily analyzed factors such as the likelihood of occurrence, impact magnitude, impact scope, and irreversibility of impacts related to each topic. It assessed the actual or potential effects these topics may have on the economy, environment, and society, and identified their significance to stakeholders.
- Regarding financial materiality, the company primarily analyzed the potential impacts of topics on business development and financial performance. It comprehensively considered the likelihood and magnitude of related risks and opportunities, and integrated key influencing factors such as operations, regulation, strategy, and reputation, to assess the degree of impact on the Company's business model, business operations, development strategy, financial condition, operating results, cash flow, and long-term value creation.

Building on this, the Company consolidated the impact materiality and financial materiality scores for each topic to form the annual Dual Materiality Topic Matrix, and further identified priority differences among topics across the two dimensions.

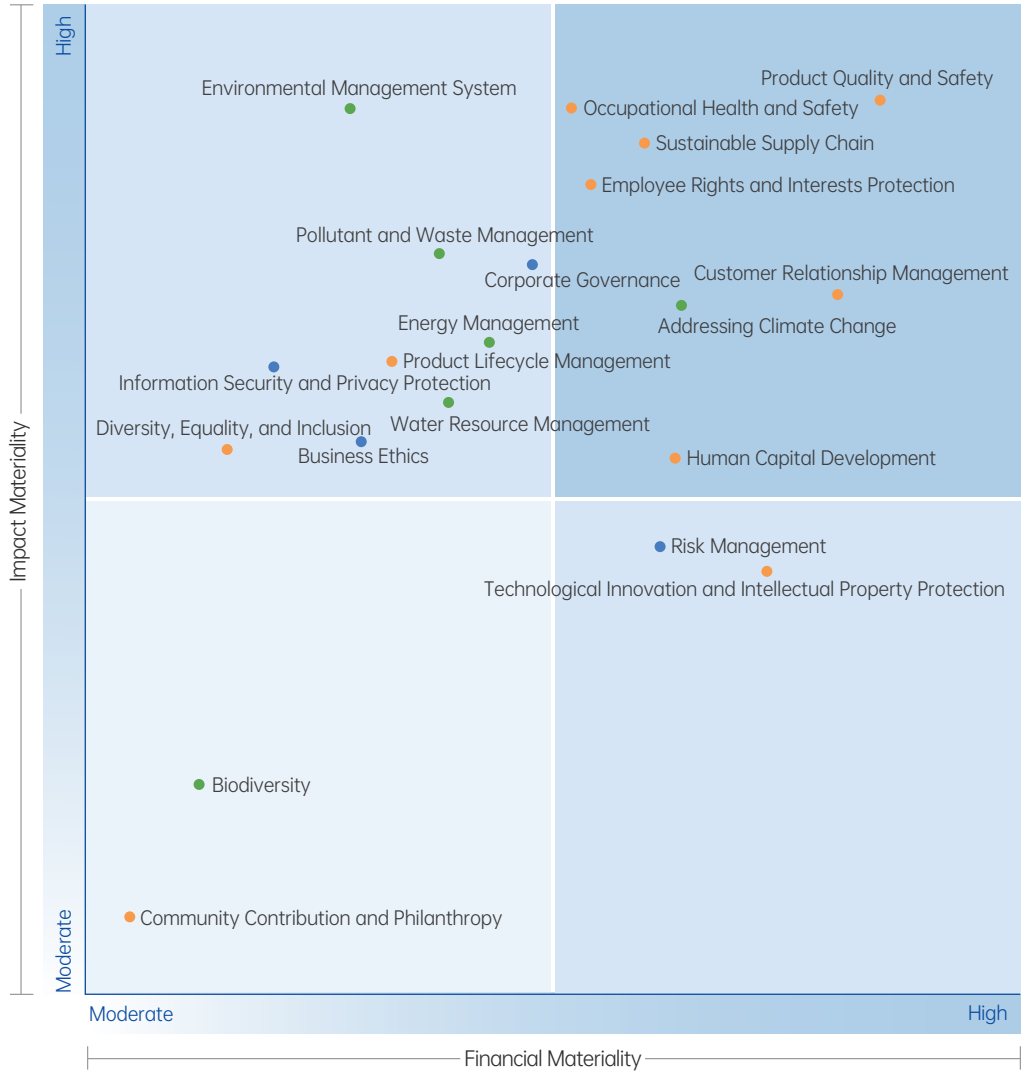
Result Consolidation, Deliberation, and Confirmation

Upon completing the dual-dimensional assessment of topics, the Company conducted a systematic consolidation of the relevant analysis results and performed a review combined with third-party expert opinions to further calibrate the topic ranking and classification outcomes. Following deliberation and confirmation by the Company finalized the annual Dual Materiality Topic Matrix and the Value Chain Impact Analysis results.

According to the assessment results

The Company identified 7 Dual Materiality topics, 2 Financial Materiality topics, 9 Impact Materiality topics, and 2 Other ESG topics.

Gokin Solar 2025 Materiality Matrix



	Topic	Dual Materiality	Financial Materiality	Impact Materiality	Other
Environmental Topics	Environmental Management System			✓	
	Energy Management			✓	
	Water Resource Management			✓	
	Pollutant and Waste Management			✓	
	Biodiversity				✓
	Product Lifecycle Management			✓	
	Addressing Climate Change	✓			
Social Topics	Customer Relationship Management	✓			
	Technological Innovation and Intellectual Property Protection		✓		
	Product Quality and Safety	✓			
	Sustainable Supply Chain	✓			
	Employee Rights and Interests Protection	✓			
	Diversity, Equality, and Inclusion			✓	
	Human Capital Development	✓			
	Occupational Health and Safety	✓			
	Community Contribution and Philanthropy				✓
Governance Topics	Information Security and Privacy Protection			✓	
	Corporate Governance			✓	
	Risk Management		✓		
	Business Ethics			✓	

Topic Consolidation:
The topics of Addressing Climate Change and Clean Technology Opportunities have been merged and are reported under Addressing Climate Change.

Material Topics Risk and Opportunity Analysis

Topic	Impacts on the Value Chain	Main Risks	Main Opportunities	Time Horizon
Environmental Management System	Own Operations	If the environmental management system, division of responsibilities, and supervision mechanisms are not sound, it may lead to unstable operation of environmental protection facilities, inadequate environmental compliance management, and delayed response to environmental incidents, thereby affecting production continuity, customer audit results, and corporate reputation.	Continuously improving the environmental management system helps enhance environmental compliance levels and green manufacturing capabilities, and strengthens recognition from customers, regulatory agencies, and capital markets regarding the Company's sustainable operational capabilities.	Short Medium Long-term
Energy Management	Upstream of the Value Chain, Own Operations	Photovoltaic manufacturing has high requirements for power supply assurance and energy consumption control. If energy prices fluctuate, power supply is unstable, or unit product energy consumption is high, it may drive up production costs and increase pressure for decarbonization and low-carbon audits from customers.	Promoting energy-saving renovations, optimizing the energy structure, using green electricity, and digitalizing energy management helps reduce unit product energy consumption and comprehensive energy costs, enhancing the competitive advantage of low-carbon manufacturing.	Short Medium Long-term
Water Resource Management	Upstream of the Value Chain, Own Operations	If water supply assurance is insufficient, regional water resource constraints strengthen, or the level of recycled water management is inadequate, it may affect production stability, drive up operating costs, and increase environmental protection and compliance pressures.	Improving water resource utilization efficiency through recycling, water-saving technological transformation, and refined management helps enhance the operational resilience of bases and reduce long-term resource constraint risks.	Short Medium Long-term
Pollutant and Waste Management	Own Operations	If the management of waste gas, wastewater, general solid waste, and hazardous waste during the production process is not standardized, it may lead to environmental penalties, rectification shutdowns, external complaints, and reputation risks, and may affect customer audits and supply chain evaluations.	Promoting clean production, reducing waste and increasing efficiency, and standardizing disposal helps improve environmental performance, reduce governance costs, and enhance the Company's green factory construction and responsible operational capabilities.	Short Medium Long-term
Biodiversity	Own Operations	If the identification and management of the surrounding ecological environment during project construction and operation are insufficient, it may trigger approval constraints, community concerns, and ecological protection-related risks.	Incorporating ecological protection requirements into base construction and park management helps enhance the green park image, improve local communication effectiveness, and ensure long-term operational stability.	Medium Long-term
Product Lifecycle Management	Upstream of the Value Chain, Own Operations, Downstream of the Value Chain	As customers continuously raise requirements for green design, traceable raw materials, product carbon footprint, and recycling responsibility, insufficient environmental management throughout the entire product lifecycle may affect market access and customer recognition.	Promoting green design, low-carbon material application, and lifecycle optimization helps improve product environmental performance and added value, better meeting the green procurement needs of downstream customers.	Medium Long-term
Addressing Climate Change	Upstream of the Value Chain, Own Operations, Downstream of the Value Chain	Extreme weather, temperature changes, and other physical risks may affect raw material supply, plant operations, and logistics stability; at the same time, stricter carbon policies and increased low-carbon requirements from downstream customers may also increase costs and market pressure.	Proactively planning low-carbon manufacturing, green electricity application, and climate resilience construction helps enhance corporate risk resistance, and seize opportunities in green transformation, green finance, and market expansion.	Short Medium Long-term
Customer Relationship Management	Downstream of the Value Chain	If customer communication, delivery assurance, and response mechanisms are insufficient, it may affect customer satisfaction, order stability, and brand reputation, and increase risks of customer audits and claims.	Establishing a more efficient customer communication and service system helps enhance customer stickiness, promote long-term cooperation, technological collaboration, and market share growth.	Short Medium

Topic	Impacts on the Value Chain	Main Risks	Main Opportunities	Time Horizon
Technological Innovation and Intellectual Property	Own Operations, Downstream of the Value Chain	The photovoltaic industry is experiencing rapid technological iteration. Insufficient R&D investment, process optimization, and intellectual property protection may lead to a decline in product efficiency, yield rate, and technological competitiveness, and bring risks of patent disputes or technology leakage.	Continuously strengthening R&D capabilities and intellectual property layout helps improve product performance, process levels, and technical barriers, enhancing the Company's leading advantage in market competition.	Medium Long-term
Product Quality and Safety	Own Operations, Downstream of the Value Chain	Insufficient consistency, yield rate, reliability, or quality stability of products may lead to customer complaints, returns, claims, and order losses, and have an adverse impact on the brand image.	Continuously strengthening quality management and whole-process control helps improve product reliability and batch stability, and enhance customer recognition and market competitiveness.	Short Medium Long-term
Sustainable Supply Chain	Upstream of the Value Chain, Own Operations	If suppliers have deficiencies in quality, delivery, environment, labor, or business ethics, it may transmit raw material supply fluctuations, customer audit risks, and reputation risks to the Company, affecting stable production and delivery.	Promoting responsible procurement and supplier collaborative management helps enhance supply chain resilience, ensure stable supply of key raw and auxiliary materials, and promote cost reduction and efficiency improvement through upstream and downstream collaboration.	Short Medium Long-term
Employee Rights and Interests Protection	Own Operations	If the labor employment, compensation and benefits, working hours, leave, and complaint communication mechanisms are not perfect, it may trigger labor disputes, employee turnover, and organizational stability risks.	Improving the employee rights protection mechanism helps enhance employee satisfaction and organizational cohesion, providing human resource support for the stable operation of the photovoltaic manufacturing business.	Short Medium Long-term
Diversity, Equality, and Inclusion	Own Operations	If inclusiveness is insufficient in recruitment, promotion, and organizational management, it may affect employee experience, talent attraction, and corporate image.	Creating a more fair and inclusive working environment helps enhance team vitality and innovation capabilities, and improve organizational attractiveness.	Medium Long-term
Human Capital Development	Own Operations	If there is an insufficient talents reserved for key position, lagging skill improvement, or inadequate talent pipeline development, it may affect process optimization, technology upgrading, and operational efficiency.	Improving training development and talent pipeline construction mechanisms helps enhance organizational capabilities, supporting technological progress, management improvement, and long-term development.	Medium Long-term
Occupational Health and Safety	Own Operations	If safety management, equipment operation and maintenance, on-site operation control, and occupational hazard protection are inadequate, it may lead to accidents, production suspension and rectification, operational losses, and customer audit pressure.	Continuously improving the level of production safety and occupational health management helps ensure employee safety, stable production, standardized corporate operations, and enhance customer and social trust.	Short Medium Long-term
Community Contribution and Philanthropy	Own Operations	If communication with local communities is insufficient or social participation is low, it may affect community relations, corporate social image, and the stability of the operating environment.	Actively carrying out community communication and public welfare practices helps enhance social recognition, create a good local relationship, and external development environment.	Medium Long-term
Information Security and Privacy Protection	Own Operations, Downstream of the Value Chain	If R&D data, process information, customer information, and business data protection are insufficient, it may trigger cyber attacks, information leaks, business interruptions, and a decline in customer trust.	Strengthening the information security and privacy protection system helps ensure business continuity, maintain trust with customers and partners, and support the improvement of digital operation capabilities.	Short Medium Long-term
Corporate Governance	Own Operations	If the governance structure, division of powers and responsibilities, internal control, and information disclosure mechanisms are imperfect, it may affect decision-making efficiency.	Sound corporate governance not only strengthens compliance and risk management but also enhances capital market recognition, optimizes decision-making efficiency, and boosts the Company's sustainable development capabilities, thereby creating long-term value and competitive advantages.	Short Medium Long-term

Annual Sustainability Performance

Environmental

Clean Production, Safeguarding a Harmonious Ecosystem

- Degradable packaging usage ratio reached **90%**
- Environmental investment totaled RMB **21.99** million
- All operating bases obtained ISO 50001 Energy Management System certification and ISO 14001 Environmental Management System certification
- Yibin, Xi'ning, and Zhuhai bases were recognized as National Green Factories
- Renewable electricity consumption accounted for **74.19%** of total electricity consumption
- More than **10** core products have received Carbon Footprint Certificates issued by authoritative institutions
- Total hazardous waste emissions decreased by **24.84%** year-on-year

Co-creation

Collaborating with Stakeholders to Build an Ecosystem of Responsibility

- Occupational health and safety investment totaled RMB **33.93** million
- All operating bases obtained ISO 45001 Occupational Health and Safety Management System certification

Transparency

Promoting clarity and transparency to enhance governance effectiveness

- The Company held **2** General Meetings of Shareholders, **5** Board of Directors meetings, and **3** Supervisory Board meetings, deliberating nearly **30** proposals
- No major information security incidents occurred
- The Company obtained ISO 37301 Compliance Management System certification
- Compliance training coverage reached **100%**
- Female members accounted for **33%** of the Board of Directors, reflecting the continuous improvement of gender diversity

Superb

Pursuing Excellence and Consolidating High-quality Operations

- All operating bases obtained ISO 9001:2015 Quality Management System certification
- Zero product recalls caused by product quality issues occurred

Innovation

Upholding integrity while innovating, striving forward to achieve long-term excellence

- **120** patents were granted during the year
- R&D investment reached RMB **813** million

01 Environment

Cleaning Production and Cultivating Harmonious Ecosystem

Gokin Solar is dedicated to harmonizing industrial production with natural ecosystems. By establishing a scientific governance framework, continuously strengthening our environmental management system, and proactively mitigating ecological risks through rigorous monitoring and emergency preparedness, we deliver comprehensive stewardship to safeguard our planet.

This Chapter Responds to

GRI Sustainability Reporting Standards (GRI Standards)

- GRI 2: General Disclosures 2021
- GRI 201: Economic Performance 2016
- GRI 301: Materials 2016
- GRI 302: Energy 2016
- GRI 303: Water and Effluents 2018
- GRI 101: Biodiversity 2024
- GRI 305: Emissions 2016
- GRI 306: Waste 2020

Self-Regulatory Guidelines No. 17 for Companies Listed on Shenzhen Stock Exchange – Sustainability Report (For Trial Implementation)

- Addressing Climate Change
- Pollutant Emissions
- Waste Treatment
- Ecosystem and Biodiversity Conservation
- Environmental Compliance Management
- Energy Utilization
- Water Resources Utilization
- Circular Economy

Material Topics

- Environmental Management System (EMS)
- Energy Management
- Water Resources Management
- Pollutants and Waste Management
- Biodiversity
- Product Lifecycle Management
- Addressing Climate Change

Addressing Climate Change

Gokin Solar is committed to advancing sustainable development by aligning its business strategy with the United Nations Sustainable Development Goals (SDGs) and China's Dual Carbon objectives. By embedding sustainability considerations into corporate decision-making and operations, we support the global transition toward a low-carbon economy and create long-term value for stakeholders.

In 2025, recognizing climate change as a material issue from both financial and impact perspectives, Gokin Solar adopted a double materiality approach. In line with the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD), we manage climate-related risks and opportunities through a governance framework structured around four pillars: Governance, Strategy, Risk Management, and Metrics and Targets. This framework enables us to enhance climate resilience, support strategic decision-making, and advance our low-carbon development objectives.

Governance

Gokin Solar has built a top-down climate governance structure with clearly defined roles and responsibilities, ensuring that climate-related issues and our "Dual Carbon" strategy are deeply integrated into corporate decision-making and daily operations. With the Board of Directors serving as the highest governing body, the Company has established a well-structured, clear three-tier climate governance system comprising "Decision-making — Management — Execution."

Strategic and Sustainable Development Committee	Responsible for researching and discussing the Company's strategic direction regarding Addressing Climate Change; approving mid-to-long-term "Dual Carbon" roadmaps and greenhouse gas (GHG) emission reduction targets; evaluating the material impacts of climate-related risks (both physical and transition risks) on business operations; and holding the ultimate decision-making authority over annual carbon verification outcomes and climate-related disclosure documents.
Sustainability Steering Group	Facilitates communication and coordination on climate issues between the decision-making and management levels, ensuring that "Dual Carbon" strategic intentions are accurately communicated and effectively implemented across all operational layers.
Sustainability Steering Office	Executes climate action plans deployed by the decision-making level; organizes and conducts company-wide greenhouse gas inventories (Scope 1/2/3) and product carbon footprint (PCF) assessments; coordinates the identification of acute and chronic physical risks across all bases and develops tailored climate resilience contingency plans; and coordinates efforts to resolve key challenges and bottlenecks in energy conservation and carbon reduction initiatives.
Sustainability Working Group (Collaborative Departments)	Deconstructs ESG targets based on their respective business domains and scopes of responsibility, formulates action plans, and drives implementation.

Strategy

Strategic Vision and Philosophy

Facing severe challenges posed by global climate change and the historic opportunities of the energy transition, Gokin Solar sets "Empowering the Global Net-Zero Transition" as its core mission, integrating climate change mitigation and adaptation into the core of its corporate sustainable development strategy. We deeply recognize that climate action is not only a safeguard for the Company's long-term value but is also a critical pathway toward achieving mutually beneficial and symbiotic development for both the Company and society.

Centering on its strategic vision of "Becoming a Global Leader in the Low-Carbon Transition of the Photovoltaic Industry," and against the backdrop of N-type technology upgrades and continuous expansion of the global market, Gokin Solar leverages its large-size, ultra-thin wafer technologies and green manufacturing capabilities to construct a systematic climate action framework. Grounded in three strategic pillars—operational emission reduction, value chain carbon synergy, and green product lifecycle management—this framework aims to continuously optimize the Company's product carbon footprint and achieve deep decarbonization across the entire value chain.

Core Strategic Pillars

Pillar I

Establishing a Zero-Carbon Manufacturing Paradigm; Driving Operational Energy Efficiency and Emission Reduction Through Technological Innovation

The Company leverages technological innovation to drive low-carbon manufacturing. We continuously advance large-size, ultra-thin wafer technologies, intelligent environmental control systems, energy management system construction, and energy-saving technical retrofits to reduce the energy consumption intensity of our production. By establishing "Zero-Carbon Factory" benchmarks, deploying commercial and industrial (C&I) energy storage projects, and exploring advanced models such as "peak-shaving and valley-filling, PV generation integration, and virtual power plants," the Company continuously enhances energy utilization efficiency, driving cost reduction, operational efficiency, and carbon emission mitigation.

Pillar II

Constructing a Low-Carbon Supply Chain; Advancing Collaborative Emission Reduction Across the Value Chain

The Company seamlessly integrates ESG philosophies into supply chain management, embedding environmental, social, and governance requirements into supplier onboarding, evaluation, and capacity-building processes to empower suppliers to collectively elevate their low-carbon management capabilities. Targeting critical Scope 3 emission segments such as raw material procurement and logistics, the Company continuously refines its low-carbon procurement, transport optimization, and supply chain traceability mechanisms, thereby enhancing supply chain transparency and international competitiveness.

Pillar III

Enhancing Green Product Competitiveness; Improving Market Access Capabilities Through Life Cycle Assessment (LCA) and Carbon Footprint Management

The Company utilizes product carbon footprint management as a vital instrument to enhance market access capabilities and build client trust, continuously refining its end-to-end carbon data traceability and LCA mechanisms. Through low-carbon design, raw and auxiliary material optimization, and production-stage emission reduction, the Company systematically lowers the carbon emission intensity of products across their entire life cycle. This effectively satisfies global clients' rigorous requirements for supply chain carbon transparency and low-carbon products, significantly boosting our green product competitiveness.

Impact, Risk, and Opportunity Management

To proactively manage climate-related impacts, Gokin Solar conducts systematic assessments across short-term (1–3 years), medium-term (3–5 years), and long-term (5+ years), referencing the authoritative scenarios from TCFD framework, the International Energy Agency (IEA), and the Intergovernmental Panel on Climate Change (IPCC). Utilizing a combination of climate scenario simulations, policy environment evaluations, and industry trend analyses, the Company performs deep identification and impact assessments regarding physical risks, transition risks, and climate-related opportunities across its business operations and value chain.

Acute Physical Risks

Risk Scenario	Business Relevance & Potential Impact Description	Time Horizon	Potential Financial Impact	Mitigation Measures
Typhoons, Extreme Precipitation & Waterlogging	The Zhuhai and Guangzhou bases are located in the southeastern coastal region, where typhoons and torrential rain may cause structural damage to factories, stall logistics, or disrupt employee commuting due to urban waterlogging.	Short Medium Long-term	Asset losses, revenue reduction, and increased maintenance costs.	✓ Establish and regularly update environmental emergency response plans; ✓ Strengthen drainage systems across factory zones.
Extreme High Temperatures & Lightning	High temperatures can overload the cooling systems of monocrystalline silicon furnaces, affecting the quality of ingot pulling; lightning strikes may trigger malfunctions in precision electronic equipment and substations.	Short Medium Long-term	Spikes in energy expenditures, decreased yield rates, and asset damage.	✓ Deploy intelligent environmental control systems; regularly conduct inspections of lightning protection facilities; ✓ Establish a 24-hour online monitoring mechanism.
Extreme Cold Waves & Heavy Snowfall	Cold waves in the high-altitude region of the Xi'ning base may cause outdoor pipelines to freeze and crack, or drive up energy supply costs.	Short Medium Long-term	Maintenance expenditures and energy cost volatility.	✓ Optimize heating and thermal insulation processes within plant zones; ✓ Develop waste heat recovery systems for monocrystalline silicon furnaces to support winter heating.

Risk Scenario	Business Relevance & Potential Impact Description	Time Horizon	Potential Financial Impact	Mitigation Measures
Sandstorms	Sandstorm risks faced by the Xi'ning base can affect the cleanliness of air intake systems, increasing the replacement frequency of air filtration consumables.	Short Medium Long-term	Increased consumable costs.	✓ Strengthen the operation and maintenance (O&M) of exhaust gas collection and filtration facilities; conduct specialized quarterly exhaust gas monitoring.
Droughts & Forest Fires	Prolonged droughts can impact hydropower supply and industrial water intake; forest fires may threaten wild species' habitats and the security of peripheral corporate assets.	Short Medium Long-term	Capacity constraints and regulatory compliance risks.	✓ Rigorously conduct prospective environmental impact assessments; ✓ Construct initial rainwater collection pools and wastewater recycling systems.
Biodiversity Degradation	The Xi'ning base is situated adjacent to the Huangshui River basin, where state-protected animals and sensitive ecological niches exist. Any leakage of acidic liquids (such as nitric acid and hydrofluoric acid) during production would inflict irreversible impacts on soil and peripheral aquatic ecosystems.	Short Medium Long-term	Ecological disruption and restoration compensation expenses, administrative penalties from the government, and reputational damage.	✓ Establish collaborative wildlife protection mechanisms and strictly prohibit activities that harm vegetation and fauna; ✓ Establishing ecological buffer greenbelts along site boundaries; ✓ Implement 100% compliant disposal of hazardous waste and deploy anti-seepage facilities to prevent pollutant spillage and leakage.

Chronic Physical Risks

Risk Scenario	Business Relevance & Potential Impact Description	Time Horizon	Potential Financial Impact	Mitigation Measures
Rising Average Temperatures & Fluctuations	Long-term temperature rises lead to a decline in cooling water efficiency. Given that monocrystalline silicon wafer ingot pulling requires stringent temperature control precision, ambient temperature fluctuations increase the complexity of process control.	Long-term	Decline in energy efficiency, leading to increased long-term operational costs.	✓ Advance energy-saving technical retrofit projects; ✓ Integrate departmental energy efficiency targets into annual performance reviews to elevate the systemic energy efficiency ratio.
Changes in Precipitation Patterns & Increased Frequency	Long-term instability in precipitation may cause persistent overloading of the drainage pipe networks surrounding the bases.	Medium Long-term	Accelerated depreciation of infrastructure and rising maintenance expenses. Accelerated depreciation of infrastructure and rising maintenance expenses.	✓ Upgrade wastewater treatment plant piping networks to guarantee long-term operational integrity and reliability.
Drought & Water Stress	Regional water scarcity driven by climate change will directly constrain the capacity expansion potential of water-intensive processes, such as wafer cleaning.	Medium Long-term	Impediments to capacity expansion and increased raw material costs.	✓ Implement "water-optimized production planning"; leverage pure water Reverse Osmosis Recovery (ROR) and multi-media ultra-concentrated water recycling to boost water yield.
Sea Level Rise	May affect land values and the stability of logistics ports in low-lying coastal areas, such as the Jinwan base in Zhuhai.	Medium Long-term	Long-term asset impairment.	✓ Rigorously execute Environmental Impact Assessment Reports during the early stages of project planning and construction to deliberately avoid ecologically and geographically sensitive areas.

Transition Risks

Transition risks refer to the uncertainties imposed on enterprises by adjustments in policy, law, technology, and markets during the transition toward a low-carbon economy. Through a profound assessment of global energy transition trends, the evolution of domestic and international climate policies, and technological pathways within the photovoltaic industry, Gokin Solar has identified transition risk factors closely tied to its operations. Incorporating multiple low-carbon transition scenarios from the IEA and IPCC, we evaluate the potential financial impacts of carbon pricing mechanisms, energy cost volatility, and technological iteration cycles on our production costs, asset values, and supply chain stability, thereby formulating forward-looking strategic response solutions.

Sub-category	Risk Description & Business Scenario	Impact Horizon	Potential Financial & Business Impact	Mitigation Measures
Policy: Carbon Pricing & Energy Transition	The momentum of the energy transition restricts fossil fuels, prompting structural adjustments in national and local power grids. If carbon allowance systems expand into manufacturing sectors, or if the power sector passes down carbon costs—leading to increased electricity tariffs—it will directly drive up the operational expenditures (OPEX) of energy-intensive processes such as ingot pulling.	Short Medium	Increased Costs: Rising expenditures for carbon allowance procurement, with profits squeezed by power cost volatility (OPEX).	✓ Implement a "Green Power Substitution" strategy to progressively achieve 100% renewable electricity consumption; ✓ Reduce comprehensive energy consumption per unit of product via waste heat recovery and variable frequency drive (VFD) retrofits.
Legal: Compliance & Cross-border Mechanisms	With the enforcement of international green trade barriers such as the EU CBAM (Carbon Border Adjustment Mechanism), and increasingly stringent GHG disclosure mandates from regulatory bodies like the Shenzhen Stock Exchange (SZSE), the Company faces heightened pressures from carbon tariffs and compliance reporting costs.	Medium Long-term	Taxation & Market Access Costs: Heightened carbon tariff burdens on overseas exports; non-compliance may trigger administrative penalties or impede access to financing.	✓ Advance net-zero facility development and product life-cycle carbon footprint assessments to secure global market access and capture a sustainability premium.
Technology: Industry Iteration	The market is accelerating its transition from P-type to N-type silicon wafer technologies, alongside the rapid adoption of novel slicing methodologies.	Short Medium	Asset Impairment: Legacy production lines face risks of technological obsolescence and financial impairment. R&D Pressures: Necessitates substantial, ongoing R&D investments to sustain a leading position in industry standards.	✓ Leverage the core vision of "Uniqueness" to drive technological breakthroughs, deeply cultivating large-size, ultra-thin wafer technologies to achieve simultaneous reductions in energy consumption and production costs through process leadership.
Market: Supply Chain Transparency	Global investors and clients are demanding comprehensive traceability regarding supply chain carbon footprints.	Medium Long-term	Loss of Orders: Inability to provide verified and transparent supply chain carbon data could lead to exclusion from the supplier lists of major international clients.	✓ Engage suppliers in environmental upgrades to build a low-carbon supply chain, setting a benchmark for industry excellence through "more reliable products."

Metrics and Targets

Driven by the accelerating impacts of global climate change, achieving carbon neutrality has become a global consensus and a collective mission. Gokin Solar proactively deploys GHG inventories and has established a comprehensive GHG emissions accounting framework across its value chain.

Concurrently, the Company implements effective carbon emission control and management within its organizational boundaries, categorized by individual production facility and operational module.

As of the end of the reporting period

the GHG emissions data of the Company and its 4 production bases have been verified by an independent third party, and product carbon footprints have been completed for 3 products across 6 specific models.


声明编码 CN26/00000956

SGS

温室气体核查声明

以下组织的 2025 年 01 月 01 日至 2025 年 12 月 31 日温室气体盘查清册

高景太阳能股份有限公司

注册地址：中国广东省珠海市横琴华金街 58 号 1102 办公
组织边界：涉及多地址，具体的组织边界信息在后续页列出

已由 SGS 依据 ISO 14064-3:2019 进行了核查并满足以下要求

ISO 14064-1:2018

直接温室气体排放
12,712.12 吨二氧化碳当量
间接温室气体排放
11,524,937.49 (基于位置) 11,755,646.99 (基于市场) 吨二氧化碳当量
经量化的总排放量
11,537,709.61 (基于位置) 11,768,359.11 (基于市场) 吨二氧化碳当量

间接温室气体排放的具体类别详见本声明书的附件，声明书附件是本声明书的组成部分

Sr. Director - Business Assurance

SGS

ISO 14064 Greenhouse Gas Verification Statements for the Company and its Four Production Bases

GHG Emission Reduction Targets

Actively responding to the global climate governance consensus, Gokin Solar has established a proactive GHG emissions reduction roadmap, committing to achieving net-zero emissions in its operations by 2040 and across its core value chain by 2050. Through a strategic focus on energy transition, green innovations in production processes, and low-carbon supply chain engagement, the Company advances its decarbonization pathway, demonstrating its steadfast commitment to sustainable manufacturing.

((Unit: tCO_2e)

2025 Total GHG Emissions of Gokin Solar Headquarters and Four Production Bases

Direct Emissions	Category 1: Direct GHG emissions	12,712.12
Indirect Emissions	Category 2: Indirect GHG emissions from imported energy	
	Location-based	1,549,147.08
	Market-based	1,779,796.58
	Category 3: Indirect GHG emissions from transportation	305,717.44
	Category 4: Indirect GHG emissions from products used by the organization	9,670,132.97
	Category 5: Indirect GHG emissions associated with the use of the organization's products	N/A
	Category 6: Indirect GHG emissions from other sources	N/A
Total Emissions*		11,537,709.61

*Note: In 2025, due to an increase in the volume of overseas product transportation, the total GHG emissions increased by 17.44% compared to the previous year.

Energy Management

Energy is a critical operational input in photovoltaic (PV) wafer manufacturing, positioning it as a pivotal focus area for Gokin Solar to fulfill its environmental stewardship and realize net-zero manufacturing. As a key participant in the global PV value chain, we recognize that every unit of electricity and thermal energy consumed in our production processes directly affects our products' life-cycle carbon footprint. Grounded in this awareness, the Company has established an overarching energy strategy anchored on "prioritizing conservation, enhancing efficiency while reducing consumption, and substituting with renewable electricity." This strategy aims to optimize our energy structure and maximize utilization efficiency, thereby transforming energy management from a baseline cost-control measure into a core sustainable competitive advantage.

Energy Management System

Adhering to its core energy management policy of "full-employee participation, regulatory compliance, continuous improvement, and energy conservation and efficiency," Gokin Solar strictly complies with the *Energy Conservation Law of the People's Republic of China* and other relevant laws and regulations. The Company has formulated a robust suite of internal management documents, including the *Assessment and Evaluation Procedures for Energy-Saving Technical Retrofit Projects*, the *Energy Conservation Rewards and Penalties Policy*, and the *Management Protocols for Energy-Saving Technical Retrofit Projects*. These initiatives continuously refine the Company's Energy Management System (EMS), reduce production energy consumption, lower energy expenditures, and elevate overall energy performance to realize our energy management policies and goals.

To effectively monitor and manage energy utilization throughout production and service provisions, the Company has established an Energy Conservation Steering Group. This group is tasked with assessing corporate energy management status, precisely identifying major energy-consuming areas, and uncovering opportunities for continuous energy performance enhancement.

The Company is committed to expanding this international standard energy management model across its entire business chain. As of the end of the reporting period, all four production bases of the Company have successfully obtained the ISO 50001 Energy Management System certification.

ISO 50001 Energy Management System Certification Certificates for Gokin Solar's Four Production Bases

Energy Efficiency Enhancement

Gokin Solar drives energy intensity reductions through technological innovation, continuously improving energy efficiency by deploying advanced process technologies and implementing cascading resource utilization.

Digitalization Initiatives

Leveraging its smart factory digital management platform, the Company enables real-time monitoring, data traceability, and dynamic optimization of energy consumption across all business units. By integrating the renewable electricity tracking and analysis platform, the Company delivers precise tracking of clean energy utilization and corresponding carbon emissions reductions, effectively enhancing the transparency of renewable electricity consumption at the group level. Furthermore, the Company has deployed an ecological energy storage demonstration project, constructing a 28.5MW / 100MWh green energy storage power station. Through precise load-shaping, this facility enhances grid-connection resilience, thereby serving as the cornerstone of the Company's long-term net-zero development.

Energy-Saving Technical Retrofits and Process Optimization

The Company leverages technological innovation to drive down energy consumption intensity, embedding energy-saving and carbon-reduction technologies across end-to-end production workflows. We pioneered and comprehensively rolled out a waste heat recovery system for monocrystalline silicon furnaces. By capturing, storing, and reusing high-temperature waste heat generated during the ingot pulling process, this system replaces traditional natural gas-fired heating boilers, substantially cutting fossil fuel consumption and relevant pollutant emissions. During the plant design phase, we implement a "conservation at the source" strategy. Utilizing high-gantry ecologically compatible structures and natural daylighting systems, we minimize lighting and temperature-control energy consumption within both production and auxiliary facilities.

Energy Structure Transition and Green Power Consumption

Capitalizing on regional resource endowments, the Company continuously elevates the share of clean energy within its overall energy mix. In 2025, maximizing our synergistic advantages within the PV value chain, we utilized factory rooftops and vacant industrial plots to deploy large-scale distributed PV power stations. The annual PV power generation across our four bases reached 69.58 million kWh, a carbon reduction contribution equivalent to planting approximately 3.26 million trees*. Through sustained energy structure optimization, our proportion of renewable energy utilization increased 2.5-fold year-on-year, and diesel consumption during production phases achieved a 100% reduction, maintaining our overall greenhouse gas emission intensity at an exceptionally low level of 0.09%.

*Note:
Emission factor references:
Electricity Emission Factor: Announcement on the Release of the 2023 National Power Grid Baseline Emission Factors by the Ministry of Ecology and Environment of the People's Republic of China.
Tree Carbon Sink Reference Value: Weighted average calculation by China Carbon Emissions Trading Website based on *the Ninth National Forest Resources Inventory Report*.

Case Study **Zhuhai Base — Pioneering Smart and Green Facilities Management**

In 2025, focusing on green manufacturing and resource intensive utilization, the Zhuhai base established a closed-loop management model anchored by "monitored energy consumption, logged asset inventories, indexed technical retrofits, and audited performance outcomes". The base refined its energy auditing, technical retrofit, and incentive management mechanisms, integrating energy conservation and consumption reduction metrics into departmental annual KPIs to ensure accountability is operationalized down to individual posts.

In terms of technical retrofitting, the Base completed the waste heat recovery retrofitting of its air compressor system, saving approximately RMB 8.32 million in annual electricity costs. In parallel, a 28.5MW / 100MWh green energy storage power station was constructed to optimize energy utilization efficiency through "peak-shaving and valley-filling." Leveraging its distributed PV systems and energy storage facilities, the Base actively advances a self-generation and self-consumption model driven by "PV + Energy Storage" integration.

Relying on its smart energy management platform, the base executed granular management over core energy-consuming equipment. In 2025, the unit electricity consumption at the Zhuhai base decreased by 15% year-on-year, unit water consumption fell by 0.03 tonnes per thousand wafers, and daily wastewater discharge was reduced by 2,000m³ per day demonstrating exemplary achievements in green facilities management.

Guangzhou Base

Comprehensive Energy Consumption

2025 Comprehensive Energy Consumption

Natural Gas 65,384.00 M³	Diesel 44,069.00 L
Gasoline 29,000.00 L	Renewable Energy 54,390.00 MWh
Purchased Electricity 2,925,144.06 MWh	Share of Renewable Energy 74.19 %
Installed Capacity for Self-Use Solar PV 106.98 MW	Consumption of Self-Generated Solar PV Power 93,780.26 MWh

Water Resources Management

Gokin Solar consistently prioritizes water resources management as a pivotal area of its sustainable operations. Strictly adhering to the *Water Law of the People's Republic of China*, the *Law of the People's Republic of China on the Prevention and Control of Water Pollution*, and other relevant laws and regulations, the Company champions a water management philosophy of "Prioritizing Conservation, Systematic Control, Recycling, and Continuous Improvement". We integrate the intensive and economical utilization of water resources across all stages of production and operations, leveraging technological innovation and granular management to drive down water consumption and fulfill our commitment to the green and sustainable development of the photovoltaic industry.

During the reporting period

All water withdrawn by the Company was sourced from municipal water utilities; no water was withdrawn from water-stressed areas, and our water withdrawal operations inflicted no adverse impacts on the local communities surrounding our production bases.

End-to-End Water Resources Management

The Company implements life-cycle control across the three primary stages of water management—withdrawal, consumption, and discharge — to ensure that the value of every drop of water is maximized.

Source Water Withdrawal Management — Water-Optimized Production and Load Regulation

The Company strictly observes the *Regulations on Water Conservation* and other applicable laws, actively implementing national and regional policies on water resource protection across our operational sites.

- **Compliant Withdrawal**: All bases perform compliant water withdrawal via municipal piping networks in strict accordance with the mandates of their respective water withdrawal permits.
- **Prospective Assessment**: During the early planning and capacity expansion phases of our manufacturing bases, we rigorously execute Environmental Impact Assessments (EIAs) and water resource justifications. By strictly enforcing the principle of "water-optimized production planning," we ensure that our water withdrawal scale aligns seamlessly with the local carrying capacity of water resources.
- **Precision Metering**: We have established a comprehensive water metering system. Utilizing energy data collection and management protocols, we conduct real-time monitoring and statistical analysis of water withdrawal volumes across all technological processes.

Process Water Consumption Management — Quality-Based Utilization and Deep Recycling

Based on the varying water quality requirements of different processes in PV manufacturing, the Company implements quality-based water supply and cascading utilization to minimize freshwater consumption to the furthest extent possible.

- **Production Water Utilization**: Water is primarily utilized for cooling during monocrystalline silicon ingot pulling, as well as for silicon wafer slicing and cleaning. For high-purity water preparation, the Company integrated a pure water Reverse Osmosis Recovery (ROR) system and a multi-media ultra-concentrated water recycling system, successfully elevating the pure water yield rate to over 82%.
- **Recycling and Reuse**: Slicing Wastewater Recycling: Large volumes of wastewater generated in the slicing workshop are treated via plate and frame filter presses. The resulting clarified water is fully redirected to the cleaning workshop, significantly reducing the demand for freshwater replenishment during the cleaning stage.
- Condensate Recovery: The Facilities Department implemented a condensate recovery initiative that captures water generated by air-conditioning systems and reuses it in cooling towers, improving water-use efficiency and supporting circular water management.
- **Performance-Driven Approach**: Through technical retrofits, such as the belt-drive optimization of wafer-sorting water troughs, the Company substantially suppressed the overflow water replenishment volume of individual equipment. In 2025, our unit water consumption achieved a year-on-year reduction of 0.03 tonnes per thousand wafers.

Discharge Wastewater Management

Segregated Treatment and Compliant Effluent Discharges

Adhering to the strategy of "categorized control and end-of-pipe treatment," the Company ensures that all industrial and domestic wastewater is discharged only after meeting stringent compliance standards.

Categorized Pre-treatment

- Crystal Pulling Wastewater: For acidic crystal-pulling wastewater containing fluorine and nitric acid, we have deployed multi-stage physicochemical defluorination systems alongside biological treatment systems for advanced purification.
- Domestic Sewage: After pre-treatment via infrastructure such as septic tanks, domestic sewage is discharged into the municipal wastewater piping network for centralized treatment.

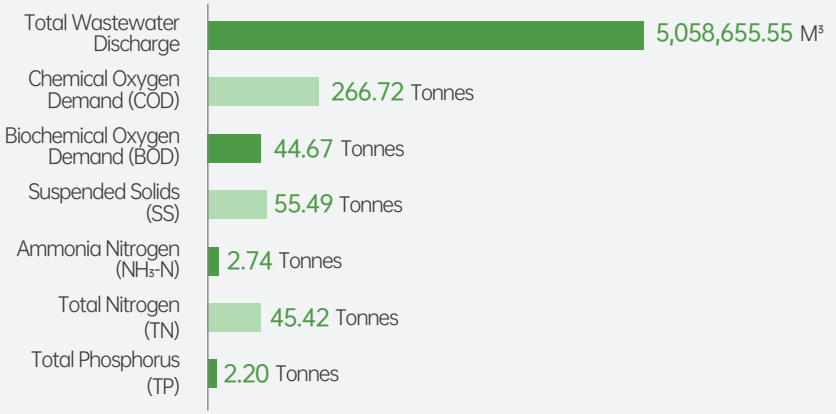
Digital Monitoring

- 24-hour online monitoring equipment is installed at major discharge outfalls to track critical indicators in real time—including pH levels, Chemical Oxygen Demand (COD), Ammonia Nitrogen (NH3-N), Total Phosphorus (TP), and Total Nitrogen (TN)—with data streams directly linked to environmental protection authorities.

Compliance Verification

- In tandem with online monitoring, the Company conducts manual wastewater sampling and testing monthly to verify that all indicators strictly comply with the *Integrated Wastewater Discharge Standard* or local industry benchmarks. In 2025, our compliance rate for wastewater discharge consistently maintained 100%.

Pollutant Discharge Data



Water Recycling and Reuse

In our company-wide water conservation initiatives and recycling practices, Gokin Solar continuously drives water efficiency via process innovation. By establishing standardized water quotas for core water-consuming operations (such as silicon wafer cleaning and chiller cooling), we curb resource consumption at the source, forging a closed-loop paradigm of "quota-based water consumption, treated wastewater discharge, and comprehensive reclaimed water recycling." In 2025, company-wide water-saving technical retrofits yielded remarkable outcomes, successfully achieving our anticipated targets for reducing both wafer-sorting recycled water volume and overall wastewater discharge.

Case Study Yibin Base — Upgrading Water Recycling for Dual Gains in Emission Reduction and Consumption Efficiency

The Yibin base focuses on the treatment and recycling of monocrystalline silicon cutting wastewater, upgrading water resource efficiency through technical retrofits. The base introduced an efficient cutting fluid recycling system, configured with hydrocyclones, bag filters, and vertical flow sedimentation tanks to perform multi-stage purification on cutting wastewater. Concurrently, it implemented a clean-water/wastewater segregation strategy alongside quality-based treatment, and built an end-to-end Internet of Things (IoT) regulatory platform to achieve full-process management over wastewater treatment, compliant discharge, and resource recycling.

The treated compliant water is primarily recycled back into cutting processes, while a small volume of residual effluent is discharged after meeting standards via the wastewater treatment station. In 2025, the wastewater recycling rate at the Yibin base rised from 85% to 95%, yielding an annual freshwater savings of approximately 126,000 tonnes. Furthermore, the concentration of wastewater pollutants dropped by 32% year-on-year; all 12 manual monitoring sessions throughout the year achieved full compliance, and online monitoring data was uploaded to ecological and environmental departments in real time.

Gokin Solar's High-Efficiency Cutting Fluid Recycling System

Water Resources Utilization Disclosure

Indicator

Total Water Withdrawal	Total Water Consumption
9,734,620 Tonnes	9,424,200 Tonnes

Environmental Management and Pollutant Emissions

Environmental Management

Environmental Management Structure and Responsibilities

Gokin Solar has established an Environmental Protection Committee framework with the Chairman serving as the ultimate accountable authority. This framework explicitly delineates the oversight and decision-making mandates of top management, while systematically allocating environmental accountability down to consecutive management layers and frontline posts, thereby forging a top-down, accountability-driven governance framework.

Decision-making Level

Environmental Management Committee

Responsible for implementing national and local environmental laws, regulations, and policies; defining the Company's environmental management guidelines, targets, and key operational directions; reviewing major environmental projects, management systems, risk prevention schemes, and environmental expenditure budgets; coordinating resource allocation; and overseeing environmental management efficacy and regulatory compliance to ensure environmental requirements are integrated into all business and production stages.

Management Level

EHSS (Environment, Health, Safety, and Security) Department

Responsible for establishing, operating, and maintaining the ISO 14001 Environmental Management System; leading the formulation of environmental protection policies, standard operating procedures (SOPs), and emergency response plans; executing daily environmental supervision and inspections; advancing the construction, O&M, and upgrade of environmental protection facilities; managing pollutant discharge monitoring, data analytics, and compliant declarations; liaising with environmental regulatory authorities; and organizing environmental training, advocacy, and emergency drills.

Execution Level

Operational Departments

Responsible for implementing departmental environmental targets and systemic mandates; collaborating on environmental monitoring, hazard identification, training, and data submission; ensuring the daily maintenance of departmental environmental protection facilities and the compliant disposal of pollutants; reporting environmental anomalies, hazards, and incidents in a timely manner; and driving employee compliance with environmental operating standards.

Safeguards for Operationalizing Environmental Responsibilities

- Performance Evaluation Integration: Establish and refine an environmental management performance evaluation mechanism that directly links the fulfillment of environmental responsibilities to departmental and individual performance assessments, strengthening accountability to ensure all responsibilities are execute effectively.
- Regular Operational Review: Convene routine environmental management alignment meetings to communicate the status of environmental execution across departments, coordinate the resolution of operational bottlenecks and challenges, and drive continuous optimization of environmental initiatives.
- Capacity Building: Strengthen all-hands environmental training to elevate the professional environmental competencies of personnel across all posts, clarify position-specific environmental duties, and guide all employees to proactively participate in environmental initiatives to foster a culture of green development.
- Continuously Upgrade the Environmental Management System: The Company conducts regular internal audits and comprehensive management reviews. In response to evolving environmental regulatory landscapes and the Company's scaling trajectory, Gokin Solar dynamically recalibrates its organizational architecture and division of responsibilities, ensuring that environmental governance scales synchronously with corporate growth.

Environmental Commitments and Management Guiding Principles

The Company is committed to maintaining high standards of environmental management by ensuring regulatory compliance, strengthening environmental awareness, preventing pollution, improving resource efficiency, and advancing sustainable development. Environmental compliance serves as a fundamental principle of our operations, while energy conservation, resource efficiency, and pollution prevention are integrated throughout the production process.

Our environmental strategy is built on three pillars: systematic management, prevention at source, and continuous improvement. Through these efforts, we seek to minimize our environmental impact and promote the sustainable coexistence of industrial development and the natural environment.

Centering on "tiered control, contractual binding, and closed-loop behavioral monitoring," the Company embeds environmental responsibilities into its partner network from the source via the *Safety and Environmental Management Agreement for External Suppliers*. For factory construction projects, we implement a paradigm of "systemic governance + online monitoring + three-tier supervision" (jointly managed by the general contractor, the supervisor, and the owner). For fragmented or minor construction projects, we promote "standardized operations + rapid response + localized accountability" (where the contracting entity bears ultimate responsibility). This has driven a substantial evolution in the environmental management of on-site partner activities from "passive compliance" to "proactive governance."

Environmental Management System

Gokin Solar consistently enforces the idea of green development, formulating internal mandates such as the *Procedure for Identification, Evaluation, and Control of Environmental Factors* and the *Environmental Operational Control Procedure* to effectively monitor and control environment-related activities across production and service workflows. Gokin Solar and its four production bases have all successfully obtained the ISO 14001 Environmental Management System certification. As of the end of the reporting period, the Company has incurred zero major environmental pollution accidents and has faced zero administrative penalties from regulatory authorities due to environmental non-compliance.

ISO 14001 Environmental Management System Certificates for the Company and its Four Production Bases

The Company has established environmental risk assessment and monitoring framework, identifies environmental incidents induced by extreme weather events as a core component of climate risk management. Adhering to the guideline of "Safety First, Prevention Foremost, and Comprehensive Governance," we continuously optimize environmental contingency plans to construct a normalized, combat-ready emergency management system. Our governance framework covers institutional structures (waste management, equipment operations, supplier agreements), behavioral constraints (management of regulatory infractions, safety/environmental incentives), and digitalized monitoring, rendering environmental risks visible, controllable, and traceable.

Targeted Climate Risk Contingency Plans and Institutional Safeguards

To counter environmental emergencies triggered by climate events such as extreme torrential rain and wind hazards, the Company has compiled and continuously refined a series of targeted institutional rules and procedures.

Emergency Response Framework › The Company has formulated core systems, including the *Emergency Response Plan for Sudden Environmental Incidents*, which have been officially filed with the local ecological and environmental authorities of each production base.

Practical Drills and Competency Evaluations

Embodying the principle of "close to actual combat and executed routinely," the Company conducted high-frequency, cross-departmental, full-scenario simulation drills in 2025. Each base carried out multiple simulations targeting scenarios such as exhaust gas facility malfunctions, hazardous chemical leakages, and physical structural damage.

Xi'ning Base › Conducted 18 environmental emergency drills throughout the year (2 comprehensive, 6 targeted, and 10 localized drills), involving 850 participant sessions. These drills focused on high-risk scenarios such as hazardous chemical spills and wastewater treatment failures, validating the feasibility of emergency plans and cross-functional collaborative responses. In October, a comprehensive drill simulating a concentrated sulfuric acid leak encompassed cordoning, evacuation, containment, monitoring, and reporting; it was executed orderly and fulfilled all objectives. The drill identified 15 areas for improvement, all of which have been rectified in a closed-loop manner, achieving the goal of "driving rectification through simulation and enhancing combat readiness through drilling."

Zhuhai Base › Provided targeted training sessions for a total of 3,451 personnel-times focusing on chemical spill readiness. The program placed special emphasis on validating frontline workers' operational competence with specialized gear, including protective suits, breathing apparatuses, and fire protection systems.

Yibin Base › Conducted 2 environmental emergency drills during the year, with cumulative training participation reaching 156 participant sessions, achieving 100% employee participation. The drills covered 1 hazardous waste spill emergency drill and 1 wastewater emergency disposal drill, comprehensively covering the major environmental emergency risk points of the Yibin base. The drill compliance rate reached 100%, followed by rigorous post-drill reviews that resolved 8 issues via closed-loop management. The average drill response time was ⩽ 3 minutes, and the disposal completion time was ⩽ 30 minutes, meeting the requirements of the emergency plan.

Robust Emergency Material Stockpiling and Resource Investment

Gokin Solar recognizes that material reserves constitute the final line of defense against climate-induced disasters. Consequently, the Company allocates specialized capital to ensure that defense resources are available.

Specialized Capital Allocation › In 2025, the Company allocated a total of RMB 21,993,417.20 to environmental protection and safety initiatives, focusing heavily on the maintenance of emergency equipment and facilities, the compilation and review of emergency response plans, and the renewal of flood prevention and control supplies.

Standardized Material Configuration › The emergency equipment warehouses across all bases are strictly provisioned according to standard inventory checklists. For example, to mitigate acidic substance spill risks, the warehouses maintain ample stocks of absorbent materials, anti-seepage tools, chemical protective suits, acid-and-alkali-resistant gloves, and gas masks. Dedicated personnel execute regular inspections to ensure all supplies remain in a combat-ready state.

Environmental Management Targets

The Company establishes scientific, quantified environmental targets annually, executing dynamic tracking and performance evaluations. Our core targets are:

Environmental Incidents / Accidents	External Environmental Complaints	Pollutant Discharges Exceeding Regulatory Limits	Government Administrative Penalties
0 case	0 case	0 case	0 case

Pollutant Emissions

Gokin Solar strictly complies with the *Atmospheric Pollution Prevention and Control Law of the People's Republic of China*, the *Standard for Fugitive Emission Control of Volatile Organic Compounds*, and other relevant laws and regulations, thoroughly executing national and regional atmospheric pollutant discharge standards across its operational sites.

1 The Group's Air Emission Governance Structure and Strategic Coordination

The Company has established an air emission collaborative governance mechanism spanning all manufacturing bases. Institutionally, anchored by the ISO 14001 Environmental Management System, the Group has standardized the operational workflows and maintenance protocols for air emission treatment facilities. Technologically, based on the specific characteristics of PV manufacturing, the Company implements targeted, categorized governance for exhaust gases generated during silicon wafer cutting, cleaning, and module encapsulation. We have deployed advanced processes, including high-efficiency Regenerative Thermal Oxidizers (RTOs) and acid-base exhaust gas scrubbing systems, ensuring that Particulate Matter (PM), Nitrogen Oxides (NOx), and Volatile Organic Compounds (VOCs) consistently meet compliant discharge standards.

2 Full-lifecycle Monitoring and Digital Management

To ensure that governance efficacy is visible and precise, Gokin Solar coordinates the advancement of a digital environmental monitoring system. Automatic 24-hour online monitoring systems are installed at all core discharge outfalls, directly linked with environmental protection authorities, and supplemented by regular third-party monitoring to strictly oversee the concentration and total volume of air emissions. Specialized monitoring was conducted 4 times throughout the year (once per quarter). The monitoring results indicate that key indicators, such as PM and NOx, maintained a 100% compliance rate, effectively preventing toxic gas leakages and fugitive emission risks.

3 2025 Performance

In 2025, the Company's air emission management achieved exemplary results. The Yibin base experienced a substantial year-on-year drop in PM emissions, while NOx emissions consistently maintained a low threshold.

2025 Gokin Solar Pollutant Emissions Performance

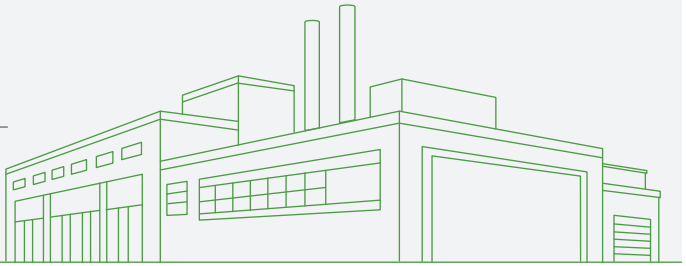
Particulate Matter (PM)
17.92 Tonnes
(Encompasses total channeled emissions across all bases)

Volatile Organic Compounds (VOCs)
1.11 Tonnes
(Terminal emissions treated via high-efficiency RTO systems)

Nitrogen Oxides (NOx)
1.44 Tonnes
(Total volume decreased significantly due to decommissioning of gas boilers at the Xi'ning base in 2025)

Sulfur Oxides (SOx)
0 Tonnes
(Production processes do not involve generating SOx)

Air Emission Compliance Rate
100%
(Verified across all bases via quarterly specialized monitoring)



In 2025, our subsidiary, Sichuan Gokin Solar Technology Co., Ltd. was officially recognized and certified by the Department of Ecology and Environment of Sichuan Province as a "Grade B Enterprise in the Heavy Pollution Weather Performance Rating," becoming the first enterprise in the Yibin High-tech Zone to secure this rating. During yellow and orange heavy pollution warnings, the base can minimize or bypass production halts, and during red warnings, its control mandates are substantially lower than those for Grade C/D enterprises. This safeguards operational continuity and showcases that our air emission governance and environmental management caliber have achieved regional leadership.

Relying on our high-efficiency environmental control system, we successfully fulfilled our four core targets of "zero environmental accidents, zero external complaints, zero government penalties, and zero pollutant discharges exceeding limits," ensuring that peripheral air and surface water quality consistently met ecological standards. Based on its outstanding performance in comprehensive pollution prevention, resource recycling, and low-carbon operations, the base was officially selected for the national-level "Green Factory" list in 2025, marking the highest recognition of its green manufacturing caliber by national authoritative institutions. Using this as a benchmark, the Company continues to deepen its multi-base green manufacturing matrix. By the end of 2025, both the Xi'ning base and the Zhuhai base had successfully secured national-level "Green Factory" accolades; concurrently, the Guangzhou base was awarded the municipal-level "Green Factory" title, creating a tiered green industrial layout that advances from municipal to national levels with comprehensive coverage.

Waste Management and the Circular Economy

Gokin Solar strictly complies with the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste* and other applicable laws and regulations. The Company is dedicated to establishing a full-lifecycle solid waste management system anchored by "reduction at the source, rigorous process control, and end-of-pipe recycling." Through digital regulatory upgrades and collaborative value chain innovations, the Company ensures the harmless disposal of solid waste and drives its green manufacturing transition via resource utilization projects that convert production by-products into recyclable resources.

End-to-End Compliant Management of Solid Waste

In accordance with the *Environmental Management System for Solid Waste* and the *Regulations on Waste Management*, the Company implements categorized collection, ledger-based management, and compliant disposal for both hazardous waste and general industrial solid waste. The compliance rate for hazardous waste disposal reached 100% during the reporting period.

Categorized Collection and Transfer

Regarding solid waste management, each production base executes categorized collection and assigns dedicated personnel for oversight. Recyclable solid waste is centrally collected for recycling, while hazardous waste is stored separately in dedicated hazardous waste warehouses, with comprehensive ledger records maintained throughout the process. In 2025, the Xi'ning base completed the compliant transfer of over 50 tonnes of hazardous waste and the compliant disposal of 14,929 tonnes of general solid waste. All transfer manifests were complete, processes were compliant, and zero incidents of hazardous waste leakage or non-compliant disposal occurred.

Digital Supervision Platform

The Yibin base constructed an end-to-end Internet of Things (IoT) regulatory platform to realize full-process supervision spanning "generation, storage, transportation, and disposal." During the generation stage, solid waste and hazardous waste undergo categorized collection and QR code profiling, which automatically records the type, weight, production line, and responsible personnel. During the storage stage, parameters including temperature, humidity, leakage risks, and inventory levels within the hazardous waste warehouses are monitored in real time, with automatic alerts triggered for overtime storage or excess volume. In 2025, the platform generated over 1,200 electronic ledgers, ensuring a record of "zero findings and zero required rectifications" during environmental inspections.

Compliant Transfer of Hazardous Waste

The Company implements "one vehicle, one manifest" closed-loop management for hazardous wastes such as fluorine-containing sludge and waste cutting fluids. In 2025, the Xi'ning base further strengthened its transportation safety controls. By screening and selecting transport contractors with appropriate qualifications, utilizing sealed box trucks or container vehicles, and equipping them with anti-seepage linings and sealed tarpaulins, the base targeted and mitigated the risks of spillage and leakage of hazardous wastes, including fluorine-containing sludge, during transit. All transport vehicles strictly followed pre-reported routes, avoided ecologically sensitive areas, and were prohibited from unauthorized route alterations or mid-way dumping and spillage. The Xi'ning base completed the compliant transfer of over 50 tonnes of hazardous waste in 2025, with all transfer manifests complete and fully traceable. Inter-provincial transportation procedures were strictly registered for documentation, ensuring that ledger retention periods and operational workflows fully satisfied national environmental regulatory requirements.

Environmental Responsibility Constraints for External Partners

The Company embeds environmental responsibilities into its partner network from the source via the *Safety and Environmental Management Agreement for External Suppliers*. Through the *Safety and Environmental Rewards and Penalties System* and the *Regulations on the Management of Regulatory Infractions*, the Company strengthens internal behavioral constraints, forming an environmental control framework defined by institutional coverage, contractual binding, and closed-loop behavior.

Resource Utilization of Solid Waste

The Company integrates circular economy principles into all production stages, establishing a green manufacturing benchmark through high-value resource recovery and energy efficiency enhancements.

Resource Utilization of Production By-products

100% Resource Utilization of Silicon Powder

Waste silicon powder generated during the silicon wafer slicing process is a major production by-product in the photovoltaic industry. Through dedicated collection facilities and dehydration-drying processes, the Company converts silicon powder into raw materials for high-purity silicon material production or other industrial applications. In 2025, the Yibin base achieved a 100% resource utilization rate for general industrial solid waste (including waste silicon powder, waste quartz, and waste graphite), with an annual utilization volume of approximately 29,860 tonnes.

Industrial Application of Fluorine-Containing Sludge

The Company promotes the beneficial reuse of fluorine-containing sludge by exploring its application in the production of construction materials and roadbed materials, thereby reducing landfill disposal and improving resource efficiency.

Qinghai Gokin works with qualified third-party service providers to recycle fluorine-containing sludge as an input material for construction and infrastructure applications. Through appropriate treatment and processing, the sludge is converted into products such as mineral powder and fly ash, enabling resource recovery while reducing waste generation and supporting circular economy practices.

To ensure environmentally sound and compliant disposal, Qinghai Gokin has strengthened its pre-treatment inspection procedures by rigorously verifying sludge composition, moisture content, and other key parameters. These measures help prevent the inadvertent mixing of hazardous waste and ensure compliance with applicable environmental regulations and local ecological protection requirements.

In 2025, the Company recorded no environmental incidents related to the treatment, recycling, or disposal of fluorine-containing sludge.

Circular Economy Practices in Packaging Materials

Source Reduction and Optimized Packaging

The Company promotes optimized packaging designs by adjusting silicon wafer packaging dimensions to minimize internal gaps. Concurrently, high-strength, lightweight materials are utilized to replace heavy packaging, reducing material consumption by approximately 12 tonnes throughout the year via lightweight upgrades.

Internal Closed-Loop Recycling Framework

Each production base has established dedicated collection points within workshops and storage areas to execute categorized collection, cleaning, and maintenance for silicon wafer packaging trays, module packaging cartons, and plastic turnover boxes. In 2025, the internal packaging recycling and reuse rate across the Company reached over 85%.

Value Chain Collaboration Case Study

Leveraging the industrial cluster advantages formed by the "chain-recruitment" strategy of the Yibin High-tech Zone, the production base established an internal packaging recycling mechanism with surrounding PV cell manufacturers. This initiative broke down conventional packaging barriers to achieve internal circular reuse of silicon wafer packaging, eliminating the repetitive use of plastic trays during silicon wafer transportation. This reduced packaging procurement costs for both parties and lowered the input of plastic packaging consumables, decreasing the use of plastic trays by over 3,000 units and saving approximately 8 tonnes of packaging materials throughout the year, realizing mutual economic and environmental benefits across the value chain.

Environmental Protection Material Substitution

For operational stages where recycling and reuse are unfeasible, the Company comprehensively promotes biodegradable plastics and paper packaging. In 2025, biodegradable packaging accounted for 90% of the total packaging utilized.

Solid Waste Indicators Matrix (Unit: Tonnes)

Indicator	2025 Total Volume
Recyclable Waste	94,685.73
General Solid Waste	91,530.99
General Solid Waste Landfilled	0.00
General Solid Waste Incinerated	0.00
General Solid Waste Recycled / Reused	95,056.88
General Solid Waste Other	700.26
Hazardous Waste	557.18
Hazardous Waste Landfilled	0.00
Hazardous Waste Incinerated	312.05
Hazardous Waste Recycled / Reused	219.35
Hazardous Waste Other	46.97

Ecosystems and Biodiversity Protection

In 2025, Gokin Solar attached great importance to the impacts of its production and operations on local ecological balances, integrating biodiversity protection into the full-lifecycle management of site selection, construction, operation, and decommissioning. Each base of the Company has established a dedicated ecological protection working group and implemented a series of targeted actions to actively promote the balanced development of local ecosystems.

Lifecycle Ecological Protection Framework

Referencing industry-leading ecological management practices, Gokin Solar shifts its ecological protection focus upstream by establishing a management framework that spans the entire project lifecycle, avoiding ecologically sensitive and fragile areas to the maximum extent possible.

Planning and Design Phase ⌄ Core Risk Avoidance	The Company strictly adheres to "ecological protection redlines" to ensure that project designs harmonize with the ecological environment. Prior to site selection, we conduct comprehensive ecological baseline surveys to identify local key species and their habitat characteristics. In 2025, the Yibin base commissioned an independent professional institution to conduct an Environmental Impact Assessment (EIA) targeting ecological sensitive points within a 1-kilometer radius of the production area, mitigating potential disturbances to biodiversity from the source.
Construction Phase ⌄ Green Construction and Restoration	The Company strictly complies with all laws and regulations related to biodiversity protection, executing environmental impact assessments in accordance with the "Three Simultaneities" principle (where environmental facilities must be designed, constructed, and commissioned simultaneously with the main project). During construction, we continuously optimize plans to reduce construction time and material consumption, and prioritize the selection of biodiversity-friendly materials. For areas affected by construction activities, the Company implements immediate ecological restoration and establishes long-term maintenance mechanisms.
Operations and Maintenance (O&M) Phase ⌄ Dynamic Monitoring and Advocacy	During the operational phase, the Company conducts regular environmental hazard inspections to identify and resolve potential ecological threats in a timely manner. Concurrently, we actively carry out ecological and environmental protection educational initiatives to foster a culture of comprehensive employee participation. Through institutional coverage and behavioral constraints, the Company mitigates ecological risks and maintains regional environmental stability.

Localized Biodiversity Protection Initiatives

Fragile Habitat Protection

Considering that the Xi'ning base is situated within the Huangshui River basin, where wild roe deer — a state-protected wild animal of significant ecological, scientific, and social value — are distributed, the base introduced an argon recovery system. This system prevents gas leakages from affecting the atmospheric environment, flora, and fauna, with its recovery efficiency and gas purity both outperforming design standards. Concurrently, an automated wastewater treatment monitoring platform was deployed to track water quality parameters in real time, ensuring compliant discharges and safeguarding the survival environment of local aquatic organisms and vegetation. Furthermore, the base strictly enforced "three-prevention" (spillage, leakage, and scattering prevention) mandates during transportation; zero leakage incidents of fluorine-containing sludge occurred throughout the year, effectively protecting the soil and aquatic ecosystems along the transit routes.

Yangtze River Ecological Barriers and Green Synergy

The production base actively responded to Yibin's "Green Banks and Thousand-Mile Forest Belt" project, optimizing its landscaping layout to assist in the construction of ecological corridors. In 2025, the base maintained its production wastewater recycling rate consistently above 95%, substantially reducing freshwater withdrawal and alleviating pressure on local groundwater tables and surrounding wetlands. Terminal effluent was discharged only after advanced treatment met regulatory standards, effectively minimizing impacts on peripheral surface water and groundwater environments. Furthermore, by promoting the "Agrivoltaics" (agricultural-photovoltaic complementarity) model, the base achieved intensive land utilization through "power generation above the panels and cultivation beneath the panels," preserving the integrity of the agricultural ecosystem.

Localized Adaptation of Landscaping

To counter the issues of ground hardening and monocultural landscaping prevalent in industrial developments, the Zhuhai Jinwan and Guangzhou bases implemented a "localized adaptation" strategy. Both bases strictly mandated that 100% of the vegetation utilized within plant zones consist of native, indigenous tree species (such as the Ficus macrocarpa evergreen belt), rejecting the introduction of invasive alien species. This multi-layered greenbelt not only absorbs fugitive dust, reduces noise, and purifies the air, but also provides suitable habitats for local insects, birds, and pollinators, effectively mitigating the habitat fragmentation impacts induced by industrial activities.


Zhuhai Base

02 Co-creation

Synergizing All Parties and Constructing Responsible Ecosystem

Gokin Solar champions a people-centric, safety-first, and responsibility-driven approach, embedding employee growth, occupational health, supply chain management, and social value into our core business. Focusing on key issues from talent cultivation and workplace safety to responsible sourcing and community welfare, we continuously strengthen our governance to foster organizational resilience and talent vitality. By deepening synergy with employees, suppliers, customers, and partners, we strive to achieve high-quality growth that delivers shared wins for the economy, society, and the environment.

This Chapter Responds to

GRI Sustainability Reporting Standards (GRI Standards)

- GRI 2: General Disclosures 2021
- GRI 308: Supplier Environmental Assessment 2016
- GRI 401: Employment 2016
- GRI 403: Occupational Health and Safety 2018
- GRI 404: Training and Education 2016
- GRI 405: Diversity and Equal Opportunity 2016
- GRI 406: Non-discrimination 2016
- GRI 407: Freedom of Association and Collective Bargaining 2016
- GRI 408: Child Labor 2016
- GRI 409: Forced or Compulsory Labor 2016
- GRI 413: Local Communities 2016
- GRI 414: Supplier Social Assessment 2016

Self-Regulatory Guidelines No. 17 for Companies Listed on Shenzhen Stock Exchange – Sustainability Report (For Trial Implementation)

- Employees
- Supply Chain Security
- Equal Treatment of Small and Medium-Sized Enterprises
- Social Contribution
- Rural Revitalization

Material Topics

- Employee Rights and Interests Protection
- Diversity, Equity, and Inclusion
- Human Capital Development
- Occupational Health and Safety
- Community Contribution and Philanthropy

Employee Recruitment and Rights Protection

Gokin Solar consistently adheres to its core management philosophy of "people-centric management, compliant employment practices, and mutual development," recognizing the protection of employee rights as a fundamental pillar of the Company's sustainable growth. The Company continually refines its social responsibility and human resource management systems, establishing standardized governance mechanisms centered on lawful employment, equal opportunity and inclusivity, professional development, employee communication, and rights protection to foster a fair, respectful, and collaborative work environment. Embodying a culture of continuous improvement, Gokin Solar dynamically optimizes its institutional framework, workplace environment, and employee well-being programs based on staff feedback and business evolution, thereby consistently enhancing employee rights, organizational engagement, and talent retention.

Governance

Gokin Solar strictly complies with national and local laws and regulations. Embracing its responsibility toward society and extending to all employees within its operational control and sphere of influence, the Company legally safeguards employee rights to ensure that their basic livelihood and living wage requirements are met. Gokin Solar continually enhances production, working, and living conditions, and is fully committed to ensuring employee health and safety.

At the same time, the Company upholds a fair, equitable, and standardized talent management philosophy. Across all stages — including recruitment, hiring, training, performance evaluation, and career advancement — the Company adheres to merit-based, legally compliant, and fully transparent principles to continually mature its standardized human resource management system. Gokin Solar prohibits all forms of workplace discrimination and strictly adheres to Equal Employment Opportunity principles, guaranteeing all personnel equitable pathways for career advancement.

Social Responsibility Management System

Gokin Solar has established a structured, collaborative governance mechanism to safeguard employee rights. Operating under its *Social Responsibility Management Manual*, the Company maintains a robust Social Responsibility Management System. Within this framework, the System Management Department acts as the designated representative tasked with overseeing the system's strategic planning, implementation, and continuous improvement, reporting directly to the General Manager.

The Social Performance Team (SPT) assists the system representative and senior executives in planning, maintaining, and supervising the system, while the Human Resources Department executes operational implementation to ensure the system's ongoing suitability, adequacy, and effectiveness.

Additionally, Gokin Solar has appointed labor and EHSS representatives within its SA8000 Management Committee to ensure that all employee rights and protection mandates are effectively deployed across all production facilities and departments.

Compliant Employment Practices

Gokin Solar's Human Resource Management Center, operational business units, and HRBP teams maintain a tripartite collaborative governance mechanism. This structure ensures seamless coordination across recruitment, talent acquisition, resource allocation, and policy enforcement.

To formalize employee lifecycle management, the Company operates a robust HR institutional framework — supported by a comprehensive suite of governing documents, including the *Human Resource Management Procedures*, the *Recruitment Management Regulations*, and the *Onboarding Management Regulations* — that clearly delineates departmental responsibilities and compliance mandates across all stages, encompassing sourcing, hiring, onboarding, training, compensation and benefits, performance evaluation, and separation.

Prohibiting Discrimination

The Company enforces a zero-tolerance policy against discrimination in hiring, training, compensation, work assignment, promotion, and termination. Gokin Solar strictly prohibits any discrimination based on protected characteristics, including race, ethnicity, nationality, religion, disability, sex, sexual orientation, age, marital status, union membership, or political affiliation, guaranteeing an equitable workplace for all personnel.

Prohibiting Child Labor

In strict compliance with the Provisions on the *Prohibition of Using Child Labor* and relevant international standards, Gokin Solar has instituted the *Regulations and Remediation Procedures for Child and Underage Labor*. This policy is actively communicated to all employees and stakeholders. If any minor under the age of 16 is found to have been hired by mistake, the Company will immediately pay out all their wages and take remediation measures to protect their welfare.

Prohibiting Forced Labor

Gokin Solar establishes and maintains policies that prohibit forced and compulsory labor, respecting employees' freedom of employment and movement. The Company firmly prohibits all forms of forced, bonded, indentured, or involuntary prison labor, actively safeguarding employees' freedom of employment and movement. All labor must be entirely voluntary, and employees retain the absolute right to terminate their employment and exit the workplace upon reasonable notice.

Employee Communication and Feedback

The Company has established management mechanisms for employee grievances, complaints, and whistleblowing, clearly defining the requirements for acceptance, investigation, feedback, and resolution. These mechanisms follow the principles of confidentiality, stepped escalation, evidence-based assessment, and recusal, safeguarding employees' rights to reasonably express their demands. The Company explicitly prohibits any retaliation against employees who lodge lawful grievances, complaints, or reports. Any discovered retaliation will be severely penalized; serious cases will result in the termination of employment, and those suspected of breaking the law may be referred to judicial authorities for legal prosecution.

Furthermore, the Company establishes and maintains policies or procedures regarding freedom of association and collective bargaining. Gokin Solar respects employees' rights to freely associate, join trade unions, and engage in collective bargaining, while maintaining effective grievance and complaint procedures to ensure that corporate activities fully comply with laws, regulations, and relevant social responsibility system standards.

Strategy

Gokin Solar views a stable, compliant, and inclusive employment relationship as a foundational pillar for its long-term growth. Strategically prioritizing talent development and employee rights, the Company operates a structured and professional human resource system designed to maximize talent attraction, employee retention, and organizational cohesion. By maintaining strictly compliant employment practices, opening transparent communication channels, and strengthening career development support, Gokin Solar continuously refines its HR mechanisms to enhance employees' sense of belonging and sustain workforce stability.

During recruitment, the Company adheres to a merit-based and performance-driven talent philosophy, guided by core principles of business-driven strategies, organizational alignment, and optimal operational efficiency. Gokin Solar continually strengthens its talent acquisition planning and headcount management, streamlining recruitment standards and resource allocation to boost efficiency and hiring quality. Guided by its "622" Talent Acquisition Strategy, the Company actively drives talent pipeline development for critical roles and accelerates the influx of high-quality professionals.

In terms of employee rights protection, Gokin Solar strictly adheres to the SA8000:2014 standard, pledging full compliance with the Universal Declaration of Human Rights, International Labour Organization (ILO) conventions, other international human rights practices, labor quota standards, and Chinese laws and regulations. The Company respects and protects all production and service personnel within its operational control and sphere of influence, including employees of the Company, its suppliers, and subcontractors. Through these practices, Gokin Solar aims to embody the principles of a responsible corporate citizen while meeting the expectations of key stakeholders, including consumers, customers, the general public, and government authorities.

Furthermore, adhering to the management philosophy of "continuous improvement," Gokin Solar continuously refines its employee rights protection to optimize HR mechanisms and elevate management standards in line with business growth and changing workforce needs. By constantly upgrading its institutional framework, production and living environments, and safety facilities, the Company steadily enhances the overall workplace experience. Through annual employee satisfaction surveys and robust communication feedback channels, Gokin Solar drives a positive lifecycle mechanism where employees and the enterprise thrive and develop together.

Impact, Risk, and Opportunity Management

The Company identifies the impacts of issues related to employee recruitment and rights protection on employee well-being, organizational stability, compliant operations, and corporate reputation, and manages them systematically through institutional frameworks, process controls, and supervisory feedback mechanisms.

Risk/Opportunity Type	Potential Impact	Management Measures & Action Plans
Labor Employment Compliance Risk	Non-standard practices in sourcing, hiring, contract signing, and workforce management may trigger labor disputes, administrative penalties, and reputational risks.	Establish standardized recruitment and hiring processes, strictly verifying candidate identities, ages, and role alignment; legally execute labor contracts and optimize attendance, overtime, and separation management mechanisms to continuously strengthen labor compliance.
Child and Forced Labor Risk	Any occurrence of child labor, forced labor, or restrictions on employee freedom would severely damage the Company's reputation, social responsibility management, and supply chain partnerships.	Establish management systems prohibiting child and forced labor, strictly conducting age verification and onboarding audits; maintain files and protection mechanisms for underage workers, respecting employees' rights to free career choice, voluntary separation, and lawful labor rights.
Diversity, Equity, and Inclusion	Insufficient inclusivity in recruitment, promotion, and organizational management may negatively impact employee experience, talent attraction, and corporate image.	Cultivate a fairer and more inclusive work environment to enhance team vitality and innovation capabilities, thereby boosting organizational attraction.
Employee Relations and Labor Dispute Risk	Ineffective communication, inadequate management mechanisms, or insufficient protection of employee rights may lead to labor disputes, employee turnover, and decreased organizational stability.	Establish mechanisms for employee complaints and whistleblowing, providing diversified communication channels; optimize investigation, feedback, and closed-loop rectification mechanisms, strictly enforcing information confidentiality and anti-retaliation mandates.
Rights Protection & Sustainability Opportunities	Continuously strengthening the protection of employee rights helps elevate corporate social responsibility performance and long-term sustainability.	Advance continuous improvement mechanisms, strengthening employee participation, risk prevention, and social responsibility management to consistently enhance corporate governance and sustainable resilience.

Metrics, Targets, and Actions

In 2025, the Company experienced zero negative incidents involving child labor or forced labor, and encountered zero incidents or grievances regarding violations of human rights or modern slavery acts across all operating countries and regions. The Company has established operational process metrics and annual targets around employee recruitment and rights protection to continuously track the implementation of relevant policies.

Gokin Solar is building a globalized, professional, and digitalized human resource management system, creating a talent development ecosystem capable of securing international talent pipelines, leading organizational efficiency, fostering continuous growth, and inspiring organizational vitality. This provides a solid talent and organizational foundation for the Company's global expansion and high-quality growth. The Company is dedicated to achieving the following talent objectives:

- Achieving dynamically optimized allocation of human resources;
- Building an employer brand recognized for "leading technology, growth empowerment, and a global stage" within the critical talent market of the photovoltaic industry within one year;
- Driven by business strategy, the 2026 agenda focuses on launching international HR systems, upgrading the Shared Services Center (SSC), and constructing data platforms to support global operations, elevate organizational efficiency, and enhance employee experience, ultimately realizing a comprehensive HR platform upgrade.

Employment and Placement of Individuals with Disabilities

In 2025, the Company actively fulfilled its social responsibility by strictly implementing the *Law on the Protection of Persons with Disabilities* and local proportional employment policy mandates. Gokin Solar synchronized recruitment and role-matching initiatives for individuals with disabilities across the entire enterprise, covering multiple categories including visual, physical, and hearing impairments, thereby achieving diverse role types and precise person-job alignment.

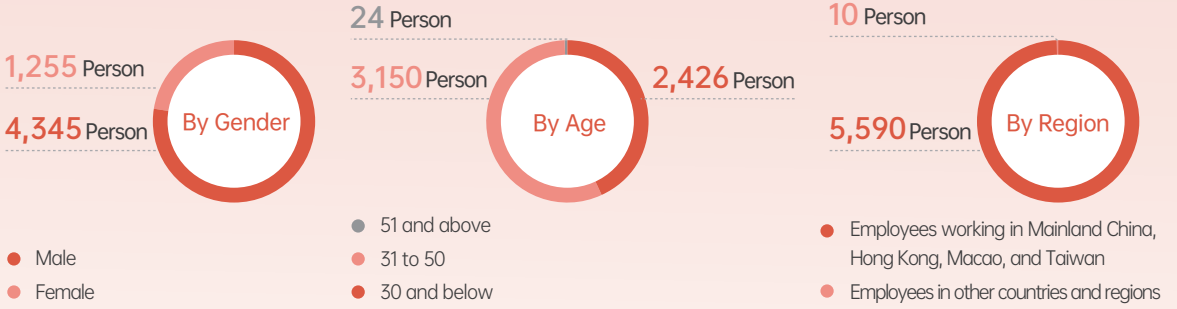
Throughout 2025, the Company placed a total of 32 individuals with disabilities in stable employment, including 15 at Qinghai Gokin and 17 at Sichuan Gokin. The Company has completed its 2025 proportional employment declaration, and the relevant data has been audited and approved by the local Disabled Persons' Federation. Having legally fulfilled its proportional placement obligations, the Company has successfully applied for relevant employment fund exemptions and tax incentives.

During the reporting period, the Company will continuously refine its data disclosure based on actual statistical results. Selected metrics for 2025 are detailed below:

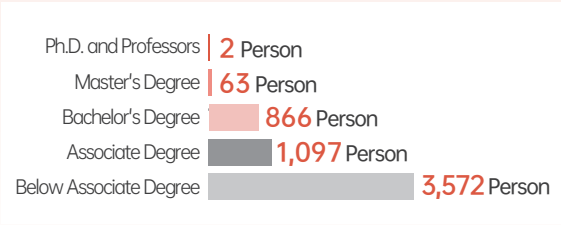
Total Employees
5,600 Person

Labor Contract Signing Rate
100%

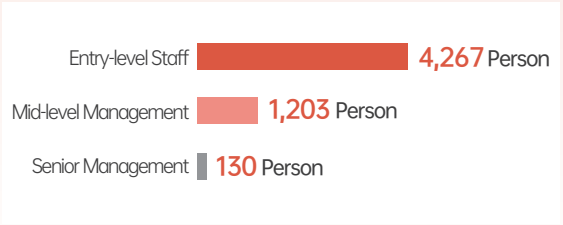
Social Insurance Coverage Rate
100%



By Education Level



By Employee Category



Note: Total headcount is calculated as of December 31, 2025. New hires reflect workforce fluctuations throughout the entire year.

Talent Development and Training Empowerment

Gokin Solar views talent development as a foundational pillar for executing corporate strategy, elevating organizational capabilities, and creating long-term value. Guided by the core talent management lifecycle of "attract, develop, deploy, and retain," the Company continuously refines a training empowerment system that covers onboarding integration, competency enhancement, leadership development, talent pipeline construction, and professional skills advancement.

By driving institutionalized training management, layered and categorized cultivation mechanisms, the "Qinglan Program" talent development framework, and digitalized training operations, Gokin Solar fosters mutual promotion between individual growth and organizational efficiency. This provides a continuous talent guarantee for the Company's scale expansion, global footprint, and intelligent manufacturing upgrades.

Governance

The Company operates a talent development and training management mechanism centralized by the Human Resource Management Center, co-piloted by HRBPs, and supported by all business units. To ensure institutionalized and structured operations, Gokin Solar has enacted governing policies including the *Training Management Regulations* and the *Onboarding Training Regulations*, which clearly define objectives, scope, training resources, internal and external programs, online / offline learning, training archives, and performance evaluations.

Talent Development and Training System

The Talent Development Department centralizes the development and management of internal and external training resources, overseas digital platform construction, and online / offline learning data. It also oversees the allocation of annual educational funds, monitors training system performance, builds the internal trainer team, and directly manages talent pipeline initiatives, general leadership programs for manager-level personnel and above, and annual training for newly hired university graduates.

HRBPs are tasked with building and refining business unit (BU) training systems and workflows based on corporate policies. They oversee BU-level learning projects, data records, and audit supervision, while driving BU-level talent pipelines, onboarding training, and general leadership programs for personnel below the manager level. Business Departments align with operational needs to implement specific post-skills training, professional capability development, and daily learning support, forming a robust "Corporate Centralization — BU Coordination — Department Execution" training governance matrix.

For new hires, the Center of Excellence (COE) under the Human Resource Management Center designs training plans, manages curricula, establishes systematic evaluation frameworks, and supervises training execution across all manufacturing bases. HRBPs manage onboarding logistics, probationary evaluations, and communication support, while Hiring Departments oversee welcoming initiatives, mentor assignments, probationary plan reviews, and on-the-job guidance to help new hires rapidly assimilate.

Furthermore, Gokin Solar prioritizes the systematic cultivation of mid-to-senior executives through the *Executive Advanced Education Project*. Focusing on director-level personnel and above, the Company utilizes a closed-loop management mechanism of "Needs Analysis — IDP (Individual Development Plan) Formulation — Cultivation Implementation — Effectiveness Evaluation" to continuously elevate strategic thinking, operational management, and organizational leadership based on competency gap assessments and professional evaluations.

Talent Internal Incentive Mechanisms

Furthermore, the Company continuously refines its talent acquisition and internal referral governance mechanisms, establishing the *"Bole Award" Referral Incentive Policy* to further expand talent sourcing channels and elevate the efficiency and quality of recruitment for critical roles. The Recruitment Management Department centralizes the formulation, optimization, and supervisory management of the internal referral mechanism; local HRBPs across manufacturing bases are responsible for headcount alignment, referral tracking, and recruitment implementation; the SSC is responsible for auditing and distributing referral bonuses; and the Vice General Manager of Human Resources provides overall supervision and review, forming a talent acquisition management mechanism with clear responsibilities and highly efficient coordination.

Adhering to the selection principle of "honesty, integrity, and pragmatism first," the Company prioritizes internally referred candidates under equal conditions. Gokin Solar enforces strict guidelines regarding referral workflows, conflicts of interest avoidance, and data authenticity to guarantee a fair, equitable, and transparent hiring process.

The Company maintains a comprehensive, closed-loop process covering role publishing, resume screening, interview feedback, ledger tracking, and bonus distribution. Job openings are actively broadcasted via diversified channels — including the "Gokin Solar Recruitment" WeChat Official Account, corporate email announcements, and digital posters — to consistently enhance employee engagement.

Concurrently, the Company utilizes a differentiated incentive matrix, setting tailored referral rewards across engineer, supervisor, manager, and director levels, while leveraging external training and advanced learning opportunities to attract and retain premium talent, thereby strengthening organizational talent supply and fostering a collaborative internal culture.

Strategy

Gokin Solar constructs a comprehensive, full-lifecycle, layered, and categorized talent development system tailored to the needs of business growth, organizational upgrades, and global development. In terms of new hire cultivation, the Company adheres to the principles of "layered and categorized approaches, demand-driven training, and the integration of theory and practice." Based on the distinct characteristics and requirements of management, operational, and non-operational roles, Gokin Solar designs customized training content and methodologies to help new employees rapidly integrate into the corporate culture, master core job competencies, and enhance their sense of belonging and alignment.

For current employees, the Company utilizes the "SiHe Star" program as the entry point for fresh graduates and young talent, and the "Qinglan Program" as its core on-the-job and talent pipeline development framework. Combined with a site-headquarters alignment mechanism, this forms a multi-dimensional talent development system covering new hires, on-the-job employees, high-potential talent, reserve cadres, and management executives.

The "Qinglan Program"

The Company's "Qinglan Program" consists of two major sub-programs— the "Qing Series" and the "Lan Series" — forming a complete closed loop of "selection and cultivation, on-the-job enhancement, and talent pool." Specifically, the "Qing Series" focuses on reserve talent cultivation, covering various levels including management trainees, supervisor-level pipelines, manager-level pipelines, director-level pipelines, supervisor-level pipelines, manager-level pipelines, director-level pipelines, and first-level department head reserves. The "Lan Series" focuses on enhancing the capabilities of current management personnel, conducting systematic on-the-job training for critical roles such as supervisors and managers. The Company directly links cultivation outcomes with rank promotions and role adjustments, forming a talent development pathway of "onboarding integration, on-the-job growth, merit-based selection, and management advancement."

Gokin Solar GT Qinglan Program	
Qing Series	The Company builds its management talent pipeline for various leadership levels through these reserve cultivation programs. For instance, the "SiHe-Star Management Trainee Cultivation Plan" aims to develop a future business development force that deeply aligns with Gokin's cultural values, embraces the future, and possesses strong operational drive; this 6-month program is structured into three continuous phases: intensive training, pre-job mentoring, and on-the-job practice coupled with competency evaluations. Concurrently, the "Zhenjiang Training Camp" targets the supervisor-level pipeline to drive employees' transition from "executors" to "team coaches," while the "Leading Army Training Camp" focuses on director-level talent, cultivating strategic leaders who can drive business growth, formulate domain strategies, and shape organizational culture.
Lan Series	Through on-the-job enhancement projects for supervisor and manager levels, the Company drives management personnel to elevate their leadership, business innovation, and cross-departmental collaboration within real business scenarios. Specifically, the supervisor-level enhancement project aims to build a core supervisor workforce characterized by proficient management, strong tactical execution, and cultural stewardship. Meanwhile, the manager-level enhancement project focuses on cultivating versatile managerial talent who are business-minded, proficient in management, innovative, and capable of strategic leadership.

The Company directly links the outcomes of the "Qinglan Program" with rank promotions and role adjustments, forming a clear growth path across distinct career development stages:

	Target Group	Key Development / Assessment Mechanisms
Onboarding and Integration Stage	New Employees / Management Trainees	SiHe Program (Centralized Training + Mentorship Program)
Professional Growth Stage	All Employees	Lan Series Program – Continuous Enhancement of Role-based Competencies
High-Potential Identification Stage	High-Potential Employees / Pipeline Cadres	Qing Series Program – Selection into the Talent Pipeline
Career Advancement Stage	Management Track [M] / Professional Track [P/T]	Dual-Career Pathing M Track: Employee→Team Leader→ Supervisor → Manager → Director → Executive P/T Track: Assistant → Engineer/Specialist → Senior Engineer → Expert → Chief Scientist

To secure employee development and foster stable long-term retention, Gokin Solar continuously optimizes its comprehensive benefits and welfare mechanisms. By providing practical welfare measures such as seniority pay, paid annual leave, meal allowances, communication subsidies, occupational health examinations, and premium medical checkups, the Company effectively strengthens employees' sense of belonging and organizational alignment. Looking ahead, Gokin Solar will remain tightly aligned with its strategic development and talent pipeline requirements, prioritizing the calibration of skills with compensation, cross-functional rotational assessments, and digitalized talent management. These coordinated initiatives will continuously refine the broader talent development ecosystem, providing a solid personnel and organizational foundation to support the Company's "leapfrog" business expansion.

Impact, Risk, and Opportunity Management

The Company identifies the impacts of issues related to talent development and training empowerment on employee capacity growth, organizational efficiency, talent stability, business continuity, and strategic execution, managing them systematically through institutional frameworks, layered cultivation, training evaluations, archive management, and continuous improvement mechanisms.

Risk / Opportunity	Potential Impact	Management Measures & Action Plans
Risk of Insufficient New Hire Integration	If new employees fail to timely understand the corporate culture or master job requirements and safety codes, it may negatively affect their job competency, team integration, and stability during the probationary period.	Establish onboarding training management policies, with the Human Resource Management Center organizing new hire training within the first week of employment; customize training content based on the distinct characteristics of management, operational, and non-operational roles, covering corporate culture, quality awareness, 6S management, safety training, and job-specific skills.
Risk of Inadequate Job Competency	Insufficient job skills, safety awareness, or professional capabilities among employees may disrupt production efficiency, product quality, safety management, and customer delivery.	Establish annual and monthly training plans centered around operational skills, health and safety, quality management, professional technologies, and policy systems; ensure training effectiveness through examinations, skills evaluations, inspections, and retraining mechanisms.
Risk of Talent Gaps in Critical Roles	If the reserve talent pipeline is insufficient, it may hinder organizational expansion, critical position succession, and business continuity.	Advance the "Qinglan Program" to construct a closed loop of "selection and cultivation, on-the-job enhancement, and talent pipeline development"; design customized cultivation solutions for supervisor-level, manager-level, director-level, and first-level department head reserve talents.
Risk of Inadequate Managerial Capabilities	If management cadres lack strategic understanding, team leadership, and cross-departmental collaboration, it may impair organizational execution and the achievement of business objectives.	Drive the "Lan Series" on-the-job enhancement programs, focusing on team leadership, business innovation, and cross-functional collaboration for the supervisor level; and prioritizing strategic execution, team leadership, business innovation, and cross-functional collaboration for the manager level.
Risk of Insufficient Training ROI Transformation	If training content fails to effectively translate into on-the-job behaviors and business outcomes, it may result in an inadequate return on training investment.	Implement strict learning and evaluation mandates for compulsory courses related to onboarding, confirmation of full employment, and promotions; schedule remedial training or re-examinations for individuals who fail to meet standards. For those failing re-examinations involving job competency evaluations, reassignments or administrative handling will be implemented based on actual circumstances.
Opportunity for Organizational Efficiency Elevation	Training empowerment and the advancement of post-competencies help increase human resource efficiency, enhance synergy, and mitigate management risks.	Execute on-the-job practical projects focused on operational pain points and strategic initiatives, transforming daily work scenarios into talent cultivation hubs to drive the application of training outcomes toward operational improvements.

Metrics, Targets, and Actions

The Company establishes annual training plans and operational process metrics around talent development and training empowerment, continuously tracking curriculum implementation, training hours, training coverage, instructor teams, talent cultivation projects, and training evaluations.

Evaluations and Closed-Loop Management

In terms of training evaluations and closed-loop management, the Company mandates that training effectiveness be assessed through examinations, post-training skills evaluations, and on-site inspections, with all assessment results logged into employees' learning archives. For individuals who fail to meet standards, the Company arranges remedial examinations or retraining followed by re-examinations; those who still fail the re-examinations will face administrative notices, reassignments, or rejection of employment based on actual circumstances.

Regarding the training closed loop, new hire training participation is integrated as a critical metric within the probationary evaluation framework. Full-time employees who have completed their probationary period but failed to attend new hire training are ineligible for conversion to regular status. Furthermore, an evaluation must be conducted upon completion of the training; only those who pass may officially assume their roles. Those who fail must undergo retraining, and if they fail following retraining, role reassignments or termination of probation will be executed according to actual conditions.

In terms of training archive management, the Company requires all units to maintain training records in both electronic and physical formats. These archives encompass training plans, courseware, attendance sheets, curriculum satisfaction evaluation forms, instructor evaluations, examination papers, and test scores, ensuring that the training process remains fully traceable and results remain verifiable.

During the reporting period, the Company continuously advanced department-level training execution management. In July 2025, the Company conducted diversified training sessions across various departments. The curriculum covered traffic safety, heatstroke first aid, Standard Operating Procedures (SOP), fire emergency response, equipment operations, quality anomalies, procurement compliance, strategic planning, execution capabilities, PMP project experience sharing, and CRM system training, demonstrating the Company's commitment to providing multi-dimensional training centered around safety, quality, professional skills, managerial capabilities, and business processes.

Case Study TPM (Total Productive Maintenance) Practical Training

From September 6 to 7, 2025, Gokin Solar launched a specialized training program titled *TPM Total Productive Maintenance Practical Training* for its Silicon Ingot and Module Business Units, specifically targeting mid-to-senior production management personnel at the manager and director levels. This initiative aimed to further elevate production leaders' understanding of the TPM management framework, while reinforcing their capabilities in Overall Equipment Effectiveness (OEE) optimization and lean equipment management. The training sessions were conducted simultaneously across the Zhuhai, Qinghai, Yibin, and Guangzhou manufacturing bases through centralized offline lectures, effectively aligning the management teams across all sites regarding equipment management philosophies and execution standards.

The training revolved around the core components of TPM management, systematically explaining implementation methodologies for Autonomous Maintenance (AM) activities, the construction of Planned Maintenance (PM) mechanisms, equipment failure prevention and improvement measures, as well as critical management tools such as the "6+16 Major Losses Identification." Combined with typical scenarios from the production floor, deep-dive analyses were performed on equipment downtime, failure management, and efficiency optimization pathways, helping mid-to-senior management personnel further enhance their equipment management, lean operations, and on-site improvement capabilities.

TPM Practical Training

Case Study Workplace Efficiency Training Based on DeepSeek

On May 17, 2025, Gokin Solar organized a specialized training session titled "Workplace Efficiency Enhancement Based on DeepSeek" for mid-to-senior management personnel at the manager level and above. The training systematically focused on the practical application of generative AI technologies in corporate management and office scenarios, aimed at further enhancing the management team's digital mindset and intelligent office capabilities. Conducted simultaneously across the Zhuhai, Qinghai, Yibin, Guangzhou, and Suzhou bases through a combination of centralized lecturing and hands-on operations, the program drove the deep integration of AI tools into the Company's operational scenarios.

Workplace Efficiency Training Based on DeepSeek

This training session focused on the practical application of generative AI tools, such as DeepSeek, across scenarios including document processing, data analysis, workflow optimization, and office automation. Key highlights included instructional design for high-quality prompt engineering, Chain of Thought, and Reverse AI techniques, helping management personnel improve the output quality and work efficiency of AI tools. The training incorporated actual office scenarios, features live drills for AI-assisted document generation, automated PPT creation, and Excel data analysis, successfully driving the transformation of management models from traditional execution to a collaborative "tool + decision-making" framework.

Case Study **Business Simulation + Coaching-Style Golf Leadership Sandbox Training**

To further elevate the strategic execution, team synergy, and leadership capabilities of mid-to-senior management cadres, Gokin Solar organized a specialized training program titled "Business Simulation + Coaching-Style Golf Leadership Sandbox" on June 6, 2025. By blending business sandbox simulations with coaching-style management, the training systematically reinforced the comprehensive managerial capabilities of leadership cadres across core scenarios including team management, goal execution, cross-departmental collaboration, employee coaching, and innovative thinking.

Business Simulation + Coaching-Style Golf Leadership Sandbox Training

Focusing on the actual management pain points within the manufacturing industry and incorporating typical operating scenarios of the solar industry, the training utilized simulation cases such as order bidding, capacity coordination, goal breakdown, and technological disruption to help participants elevate their systematic thinking and business decision-making capabilities in an immersive environment. The course adopted interactive formats such as role-playing, sandbox deductions, group co-creation, and case reviews, conducting practical drills centered around core management tools including the RACI matrix, GROW model, SWOT analysis, and the PESOS coaching model, successfully driving the transition of management cadres from "operational executors" to "coaching managers."

Case Study **The 2nd Artisan Skills Competition Inspires Technical Talent Vitality**

To further promote the spirit of craftsmanship and strengthen the construction of its skilled workforce, Gokin Solar simultaneously hosted its Second Artisan Skills Competition across three locations — Jinwan (GDP), Xi'ning (Qinghai), and Yibin (Sichuan) — in April 2025. Under the theme of "Empowering Manufacturing with Craftsmanship, Co-creating Gokin Glory," the competition featured multi-dimensional skills matchups centered around core processes of silicon ingot and wafer manufacturing. Operating on the principle of "promoting learning, practicing, and self-improvement through competition," the initiative continuously elevated front-line employees' professional skills and lean manufacturing capabilities.

The skills competition covered multiple critical production roles, including slicing, ingot bonding, cleaning, equipment operations and maintenance, quality inspection, silicon material application, and facility protection. Aligned with the core manufacturing crafts of silicon wafers and ingots, professional skills competition events were established, including Single Minute Exchange of Die (SMED/Quick Changeover), wire bonding, calibration and tool setting, round ingot inspection, low-voltage cable head fabrication, PCW (Process Cooling Water) pump switching, and metered doping, comprehensively testing employees' integrated capabilities in equipment operation, process control, quality management, and troubleshooting.

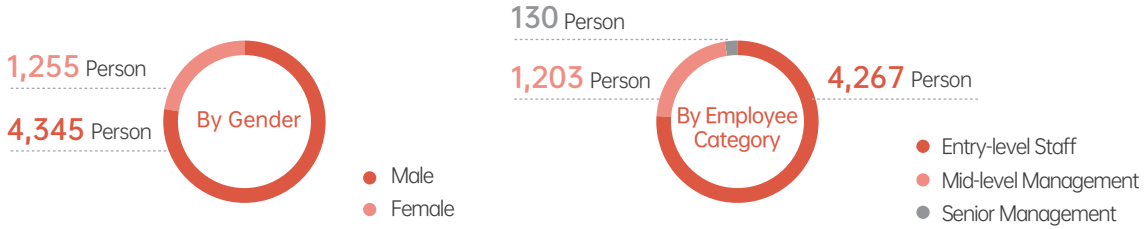
To further reinforce incentives for skilled talent, the Company established the honorary title of "Top Artisan," awarding cash bonuses and medals of honor to the highest scorers of each event. Furthermore, winners are prioritized for inclusion in the Company's internal trainer pool and talent pipeline, continuously refining the growth pathways for technical talent through a coordinated "skills competition + talent cultivation + career development" linkage mechanism.

2025 Corporate Training Performance Metrics

Training Center		Total Courses	Total Training Hours	Average Monthly Hours	Number of Instructors
HR Management Center	TD	7	64	5.33	7
	Xi'ning Silicon Ingot HRBP	56	100	8.33	42
	Yibin Silicon Ingot HRBP	42	80.5	6.71	25
	Zhuhai Silicon Wafer HRBP	16	23	1.92	13
	Module HRBP	37	58.5	4.88	28
Subtotal		158	326	27.17	115
Power Station Business Unit		10	14.5	1.21	6
Information Technology Department		1	2	0.17	1
Operations Support Center		49	61.5	5.13	27
General Manager's Office		5	8.5	0.71	5
Total		223	412.5	34.38	154

2025 Employee Training Performance Metrics

Metric		Unit	2025
Total Number of Employees Trained		Person	5,600



Total Duration of Employee Training		Hours	134,400

Average Training Duration per Employee		Hours	24
By Gender	Male	Hours	24
	Female	Hours	24
By Employee Category	Entry-level Staff	Hours	24
	Mid-level Management	Hours	24
	Senior Management	Hours	24
Percentage of Employees Regularly Receiving Performance and Career Development Reviews		%	100
Vocational Training Investment		RMB 10,000	141.41

Diversity, Equity, and Inclusion and Employee Care

Gokin Solar consistently adheres to a people-oriented management philosophy, viewing employee well-being and organizational vitality as essential foundations for the corporate's sustainable development. On the basis of legally safeguarding employees' lawful rights and interests, the Company continuously refines its welfare security framework and employee care mechanisms. By constructing a multi-dimensional humanistic care system that encompasses total rewards, health safeguards, hardship assistance, lifestyle care, and cultural and sports activities, Gokin Solar steadily enhances employees' sense of well-being and belonging. Concurrently, the Company actively fosters an open, collaborative, and progressive corporate culture, constantly diversifying employee communication and team activities to strengthen organizational cohesion and team collaboration, ultimately driving a mutual growth ecosystem where employees and the enterprise thrive together.

Employee Welfare

Gokin Solar always adheres to a compliant and people-oriented management philosophy, strictly following national laws and regulations concerning labor employment, social security, and vocational education, while elevating talent cultivation and employee welfare to a corporate strategic priority. In accordance with relevant national regulations, the Company systematically formulates and continuously refines its internal management policy framework, safeguarding employee rights from an institutional level and standardizing talent development pathways.

In terms of welfare and benefits, on the basis of legally making full contributions to social insurance and the housing provident fund for employees, and fully implementing statutory rest and leave rights, the Company actively expands its independent corporate benefit programs. By establishing and dynamically optimizing a multi-dimensional welfare mechanism covering supplemental medical insurance, annual health examinations, holiday care and condolences, meal and housing subsidies, and commuting support, Gokin Solar continuously elevates employees' quality of life and sense of security.

Gokin Solar Corporate Welfare Programs

Leave	• Paid Annual Leave	• Family Leave
Subsidies	• Communication Subsidy • Fuel Subsidy • Meal Allowance	• Business Travel Allowance • Employee Holiday Subsidy and High-Temperature Subsidy
Bonuses	• Annual Year-End Bonus	
Health Examinations	• Pre-employment Medical Exam • Occupational Health Exam • Corporate Wellness Program	
Provident Fund & Insurance	The Company legally processes and contributes to the Housing Provident Fund and purchases Social Insurance for active employees	

The "Starlight" Fund

To earnestly care for employees facing potential hardships and risks in life, Gokin Solar has enacted the *Management Regulations for the "Starlight" Fund*, establishing a standardized and transparent employee assistance mechanism. With the core mission of "sowing the seeds of love," the fund advocates the corporate spirit of "for employees, for society, and with an altruistic heart." By pooling voluntary contributions from employees, the fund focuses on assisting employees and their families who fall into financial distress due to critical illnesses, force majeure disasters, or accidental casualties, providing timely and necessary support to strengthen employees' sense of belonging and corporate cohesion.

The fund strictly adheres to the principle of dedicated funds for specific purposes, operating under established utilization and supervision mechanisms to ensure that relief resources are standardly allocated and precisely implemented. Its applications primarily cover two directions: internal assistance and external public welfare. Internally, it is used to alleviate sudden and exceptional hardships faced by employees and their families; externally, it focuses on educational charity, supporting students at risk of dropping out due to household financial difficulties to complete their education, and providing work-study opportunities for impoverished university students with excellent academic and moral standing.

Through the "Starlight" Fund, the Company continuously refines its employee care system. While elevating the well-being of employees and their relatives, Gokin Solar actively fulfills its corporate social responsibility, fostering a mutual-assistance, loving, and responsible corporate culture.

Xi'ning Base "Summer Cool-Down" Initiative

To deeply practice the Company's people-oriented management philosophy and effectively manage occupational safety and labor protection during the high-temperature season, the Xi'ning Base of Gokin Solar meticulously organized and executed a "Summer Cool-Down" special care initiative in the summer of 2025, translating corporate care for front-line workers into practical actions.

During the initiative, the base management team visited production workshops, project construction sites, and outdoor operation points to deliver summer comfort and appreciation to front-line employees holding their posts under high-temperature environments. In addition to centrally supplying sweet watermelons, refreshing beverages, and drinking water, the base specially prepared customized "cooling packs" to safeguard employee physical health and operational safety from every detail. At each location, managers inquired in detail about employees' work intensity and rest schedules, urging everyone to stay hydrated, prevent heatstroke, and arrange reasonable shift rotations, while requiring all teams to strictly implement high-temperature protective measures to ensure that both production and safety are maintained without compromise.

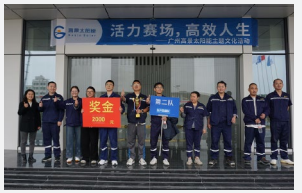
Employee Activities

To cultivate a cohesive, collaborative, and progressive working environment, Gokin Solar attaches great importance to building harmonious relationships among employees, meticulously planning and regularly organizing a diverse array of team activities. Through outdoor team-building, sports competitions, themed networking, and holiday celebrations, the Company establishes a relaxed and open communication platform, effectively promoting emotional exchange and mutual understanding across different departments and hierarchy levels. Amid intense workloads, these activities help employees release stress and rejuvenate enthusiasm, enabling them to engage in work with a more energized state of mind and effectively enhancing collaboration efficiency.

2025 Gokin Solar Employee Activities Matrix

Competitive Sports & Skills







Gokin Solar Sports Meet


The 2nd Gokin Solar Ping-Pong Tournament



Artisan Skills Competition

Natural & Environmental Protection




Farming Activities

Participation in World Environment Day Initiatives

Celebrations & Gatherings


"Double 11" Food Festival Shopping Event

Occupational Health and Safety Management

The Company consistently regards employee life safety and occupational health as the fundamental guarantee for high-quality development. Adhering to the occupational health and safety policy of "safety first, source prevention, people-oriented, standardized management, full participation, and continuous improvement," Gokin Solar continuously refines its occupational health and safety management system covering the headquarters, manufacturing bases, departments, shifts, and specific positions. During the reporting period, focusing on critical domains including production safety, occupational health, fire safety, hazardous chemicals, confined spaces, as well as contractor and visitor management, the Company continuously advanced policy formulation, risk identification, hazard rectification, training empowerment, and emergency capability elevation, striving to achieve the synchronized enhancement of employee health and safety, stable production operations, and corporate sustainable development.

Governance

The Company has established an occupational health and safety governance architecture organized around "Headquarters Centralization — Base Implementation — Position Execution." Gokin Solar has set up a Safety and Environmental Committee (SEC) with the Chairman as the person of ultimate responsibility, centralizing decisions on major occupational health and safety matters, target setting, resource budgeting, and supervisory inspections. A designated Occupational Health and Safety Management Representative is appointed to oversee the daily operation and performance elevation of the management system. The EHSS Department is responsible for identifying laws and regulations, translating compliance requirements, constructing internal policies, and conducting supervisory evaluations. Each manufacturing base has established its own Occupational Health Committee to drive the execution of health and safety measures on the front line of production, forming a three-level responsibility network with clear duties that penetrates through every layer of the organization.

In terms of institutional construction, the Company has established and perfected a comprehensive occupational health and safety management policy framework centered around production safety responsibility systems, risk identification and control, hazard inspection and rectification, accident and incident management, occupational health protection, and emergency response. This framework covers diverse scenarios including confined space operations, special operations, "Three Violations" behaviors (regulatory non-compliance, unsafe operations, and breaches of labor discipline), Personal Protective Equipment (PPE), occupational hygiene, special equipment, fire safety, and traffic safety. Through the Management Regulations for the All-Employee Production Safety Responsibility System, the Company explicitly defines safety duties at all levels. Through the hazard inspection and rectification policy, a closed loop of "inspection — rectification — acceptance" is established. Driven by accident reporting, investigation, incentive and punishment, and accountability mechanisms, safety responsibilities are continuously extended from executive management down to production shifts and specific work positions.

As of the end of the reporting period

The Company and its four manufacturing bases have fully obtained the ISO 45001 Occupational Health and Safety Management System certification, building a standardized management foundation that covers the entire workforce.

ISO 45001 Occupational Health and Safety Management System Certification

Layered Emergency Organizational Structure

Concurrently, the Company continuously refines the emergency management governance architecture of its manufacturing bases, establishing a three-level emergency management network of "Company — Base — Workshop" characterized by clear responsibilities and rapid response. Coordinated by the corporate EHSS Department, each base has established an emergency leading group headed by the base's principal executive. Taking the Yibin Base as an example, an Emergency Management Committee has been established, with the Base General Manager serving as the Director, the Vice General Manager in charge of safety serving as the Deputy Director, and heads of all departments participating. This committee centralizes top-level design, resource allocation, and major emergency decision-making. The base also configures an Emergency Commander-in-Chief, Deputy Commander-in-Chief, and a permanent Emergency Management Office responsible for policy drafting, risk inspection, training organization, drill planning, emergency supply management, and accident statistics reporting. Under the office, specialized emergency teams are formed—including rescue and salvage, medical first aid, logistics support, communication liaison, evacuation guidance, environmental monitoring, and accident investigation—covering the entire emergency response workflow.

Dedicated Management System	Each manufacturing base configures dedicated emergency administrators and has assembled emergency squads with workshop team leaders and shift supervisors as the backbone.
All-Employee Responsibility System	By executing the *Annual Safety and Environmental Target Responsibility Statement*, emergency management duties are fully assigned to every front-line employee, fostering a management atmosphere where "everyone speaks safety and everyone knows emergency response."

In terms of emergency preparedness, the Company has established emergency material warehouses to categorically store fire-fighting equipment, emergency rescue gear, medical first aid supplies, environmental emergency response materials, and communication equipment. Through process management covering material procurement, acceptance, storage, spot checks, and replacements, the Company ensures that emergency supplies remain in pristine and usable condition. Concurrently, the Company has constructed emergency communication networks at its bases, explicitly defining internal departmental contact structures and external emergency liaison directories covering fire departments, hospitals, environmental protection bureaus, safety supervision authorities, and industrial park management committees. Gokin Solar continuously maintains the validity of emergency pathways, evacuation signage, and assembly points, comprehensively elevating its responsiveness to emergencies.

Strategy

Occupational health and safety is not only a regulatory baseline but also a vital foundation for the Company to secure production continuity, elevate organizational resilience, and reinforce customer trust. Gokin Solar integrates occupational health and safety management throughout the entire lifecycle of production operations, automation transformation, manufacturing base operations, and supply chain collaboration. Adhering to the principle of "reducing headcount, maintaining strict standards, elevating management quality, and achieving full compliance coverage," the Company continuously strengthens the systematic management of safety, environmental protection, occupational health, fire control, hazardous chemicals, confined spaces, contractors, visitors, training, and emergency response while advancing the deployment of automated equipment such as Automated Guided Vehicles (AGVs), robotic grippers, and intelligent transportation systems.

The Company sets "zero accidents, zero occupational diseases, and safety for all" as its strategic occupational health and safety objectives, continuously advancing the construction of innate safety. On one hand, the Company mitigates on-site production risks through risk-stratified control, hazard inspection and rectification, high-risk work permits, equipment and facility safety management, and emergency response drills. On the other hand, it minimizes the impacts of dust, noise, chemicals, and high temperatures on employee health through occupational hazard factor testing, occupational health examinations, Personal Protective Equipment management, workplace environment optimization, and comprehensive health care.

During the reporting period, the Company further designated "technological empowerment, innate safety, and closed-loop compliance" as critical directions for safety management elevation. Focusing on high-frequency risks within photovoltaic manufacturing and equipment operations and maintenance, Gokin Solar has constructed a safety technology infrastructure characterized by "measurable risks, controllable hazards, preventable accidents, and continuous improvement" through technical innovations and enhancements such as intelligent monitoring and early warning, innate safety equipment, digital controls, and green-and-safe processes, thereby supporting the coordinated enhancement of employee health and safety, environmental risk prevention, and safety governance compliance.

Impact, Risk, and Opportunity Management

In combination with production crafts, equipment operations, workforce structures, contractor activities, automation transformation, and emergency response requirements, the Company continuously identifies occupational health and safety impacts, risks, and opportunities, integrating them into daily business management and manufacturing base operational decisions. Centered around a closed-loop management mechanism of "Risk Identification — Stratified Control — Hazard Rectification — Emergency Preparedness — Review and Improvement," the Company drives the upgrade of occupational health and safety management from experience-driven practices toward systematic, digitalized, and preventative models.

Major Risks/Opportunities	Potential Impacts on the Company	Management Measures
Regulatory Compliance Risk of Production Safety	Inadequate management across domains such as production safety, occupational hygiene, fire safety, and special equipment may result in regulatory rectifications, administrative penalties, temporary shutdowns, or reputational damage.	Continuously conduct regulatory identification, compliance self-audits, governmental inspection cooperation, and closed-loop rectifications to ensure that production safety and occupational health management strictly comply with regulatory requirements.
High-Risk Operation Risk	Operations involving hot work, confined spaces, working at heights, temporary electricity, lifting, and hazardous chemicals may trigger personal injuries, equipment damage, or production interruptions.	Strictly enforce the work permit system, implementing pre-work approvals, in-process supervision, and post-work acceptance; execute the principle of "ventilate first, test next, and operate last" for confined space operations, while strengthening on-site oversight.
Equipment Operation and High-Temperature Scalding Risk	Equipment such as Roots blowers, air compressors, waste heat pipelines, and water pump motors operating under high-temperature or anomalous states may cause personnel scalding, equipment damage, or system shutdowns.	Implement pre-emptive early warnings and source control of equipment risks through measures such as guardrail isolation, high-temperature warning signs, thermal insulation improvements, ventilation optimization, and integrating temperature sensors into the automated control backend coupled with audio-visual alarms.
Occupational Health Exposure Risk	Long-term exposure to occupational hazard factors such as dust, noise, chemicals, and high temperatures may impair the long-term physical health of employees.	Commission qualified third-party agencies to conduct occupational hazard factor testing; organize pre-employment, on-the-job, and post-employment occupational health examinations; establish specialized, individual occupational health archives; and minimize exposure risks through enhanced ventilation, noise reduction, dust extraction, and strict PPE management.
Contractor and Visitor Safety Risk	Outsourced construction, inspection and maintenance, transportation, and visitor activities may introduce externally driven operational risks.	Execute contractor lifecycle management structured around "qualification auditing — safety agreement execution — on-site supervision — work permit approval — process monitoring — closed-loop acceptance"; enforce strict registration, briefing, accompaniment, and restricted-area management for visitors and external personnel.
Emergency and Crisis Response Risk	Emergencies such as fires, chemical spills, electric shocks, mechanical injuries, and confined space accidents may disrupt personnel safety, production continuity, and environmental security.	Establish an Emergency Management Committee, Emergency Management Office, and specialized emergency teams; refine emergency material reserves, communication networks, evacuation routes, and drilling mechanisms to elevate rapid response and collaborative disposal capabilities.
Safety Technology Improvement Opportunity	Technical retrofits and employee-driven improvement proposals can lower the probability of accidents, boosting equipment stability and reinforcing an organizational safety culture.	Continuously advance safety and environmental improvement proposals; drive the upgrade of hazard management from "detection and rectification" to "source prevention" through intelligent monitoring, innate safety equipment, digitalized controls, and process optimizations.

Metrics, Targets, and Actions

Centered around the overarching objective of "zero accidents, zero occupational diseases, and safety for all," the Company establishes a comprehensive occupational health and safety target and performance indicator framework. The implementation of safety responsibilities, training coverage, hazard rectifications, occupational health examinations, contractor management, emergency drills, and safety improvement proposals are systematically integrated into daily management and performance tracking.

In terms of Personal Protective Equipment management, the Company formulates strict wearing and distribution standards based on the actual operational environments of various workshops and the distribution of occupational disease hazard factors. These standards clearly define the equipment configurations, wearing requirements, replacement cycles, and supervisory inspection mechanisms for different job positions. The distributed PPE encompasses protective masks, earplugs/earmuffs, protective gloves, safety helmets, protective goggles, and protective garments. Through standardized distribution, on-site supervision, routine inspections, and targeted employee training, the Company ensures that employees correctly wear and utilize PPE, effectively minimizing occupational exposure and operational risks associated with dust, noise, chemicals, high temperatures, and mechanical injuries to protect the health and safety of front-line workers.

Regarding hazard governance, the Company continuously refines its risk-stratified control and hazard inspection and rectification mechanisms. Focusing on critical environments such as production workshops, warehousing areas, power facilities, special equipment, hazardous chemicals, confined spaces, high-risk operations, and fire safety, the Company conducts routine risk identification and hazard screening. Through daily patrols, specialized inspections, pre/post-holiday audits, resumption-of-production checks, and cross-base reciprocal audits, Gokin Solar promptly detects and rectifies potential risks. Operating under a closed-loop "detection — rectification — acceptance — review" process, the Company successfully drives the transformation of hazard governance from isolated, single-point rectifications to systemic prevention.

Policy Construction

In 2025, the Company newly enacted or revised 21 management policies, introduced or upgraded 18 operational workflows, and optimized 126 standardized forms, driving EHS standardization from "framework construction" to "systemic deepening."

Safety Improvement Proposals

The four manufacturing bases collectively executed 279 safety and environmental improvement proposals throughout the year; the Yibin Base proposed 187 items and completed 146; the Qinghai Base submitted 73 items and passed 41; the Guangzhou Base successfully executed 5 safety improvement initiatives.

Emergency Training and Drills

The Yibin Base executed 78 planned and un-planned emergency drills and conducted 83 emergency training sessions throughout the year; the Qinghai Base executed 28 emergency drills in 2025 with 476 participants; the Guangzhou Base executed 2 fire emergency drills, reaching a total of 143 participant-times.

In terms of safety training management, the Company builds a layered and categorized occupational health and safety training framework covering diverse audiences including new hires, management executives, front-line employees, special operation personnel, contractors, and visitors. For new hires, the Company strictly implements a three-level safety education curriculum spanning the factory, workshop, and shift levels. For management executives and safety administrators, training focuses on regulatory updates, risk control, emergency management, and safety duty execution. For critical scenarios involving high-risk operations, hazardous chemicals, confined spaces, fire safety, and occupational health, the Company conducts specialized training, practical drills, and performance evaluations to elevate employees' risk identification, standardized operation, and emergency disposal capabilities.

In terms of typical improvement cases, the Company launched specialized enhancements targeting high-temperature, scalding, and operational anomaly risks across equipment such as Roots blowers in the filter press workshop, waste heat pipelines in the air compressor station, and water pump motors. For instance, by adding protective guardrails, high-temperature warning signs, thermal insulation layers, ventilation facilities, and audio-visual alarms, equipment operational risks were transformed from post-incident handling to real-time early warning and source prevention. The water pump motor modification project integrated motor temperature sensors into the refrigeration station's automated control backend, realizing real-time backend monitoring, high-temperature alarms, and on-site audio-visual alerts to secure the safe and stable operation of equipment.

Typical Cases of Safety and Environmental Improvement Proposals Across Four Bases:


Safety enhancement of flexible water pipe joints and brackets for Xi'ning Facility Department.


Automatic push notification for limit adjustment alarms of Yibin Single Crystal Furnaces.


Safety enhancement of water-cooling screen tooling for Xi'ning Equipment Department.


Safety enhancement of maintenance walkways for filters at Yibin Facility Department.


Safety protection enhancement of equipment in the Ingot Bonding Workshop.


Safety enhancement of limit switch installations on cantilever cranes at the Machining Department.

2025 Gokin Solar Occupational Health and Safety Performance Metrics

Metric Group	Indicator Description	Unit	2025
Employee Health & Safety	Number of working days lost due to work-related injuries	Day	283
	Number of employee fatalities due to work-related injuries	Person	0
	Number of employees in positions with occupational disease risks	Person	2,549
	Employee medical examination coverage rate	%	100%
	Number of employees diagnosed with occupational diseases	Person	0
	Workers covered by the occupational health and safety management system	%	100%
	Number of work-related injuries	Person	11
	Number of work-related injury incidents	Incident	11
	Number of fatal work-related accidents	Incident	0
	Fatality rate per million hours worked	%	0
Health & Safety Investment	Total investment in employee occupational health and safety	RMB 10,000	3,393.36
	Investment in production safety	RMB 10,000	1,347.51
Safety Training Performance	Total safety training volume	Person-times	29,171
	Total duration of safety training	Hour	135,041
	Average safety training duration per employee	Hour	23.08
	Safety training coverage rate	%	100
Emergency Preparedness	Number of safety emergency drills executed	Time	291
	Total safety emergency drill participation	Person-times	16,797

Special Feature Strengthening Hazardous Chemical Management to Secure Production Safety Lines

Hazardous chemical management constitutes a vital component of the Company's production safety and occupational health governance. The production operations of Gokin Solar involve hazardous chemicals such as nitric acid, mixed acids, and hydrochloric acid, which possess risks including corrosiveness and oxidizability. To mitigate safety risks across procurement, transportation, storage, utilization, and emergency disposal, the Company has established an end-to-end management mechanism covering the entire hazardous chemical lifecycle, continuously boosting its risk identification, on-site control, and emergency response capabilities.

In accordance with policies such as the Regulations for *Chemical Quality and Safety Management*, *the Company* enforces lifecycle controls over hazardous chemicals. During the procurement and onboarding phase, the Company strictly audits Safety Data Sheets (SDS), supplier operating qualifications, and transportation/unloading credentials to guarantee compliant sourcing and complete risk data. During the storage and utilization phases, the Company implements a strict "Five-Dual" management protocol (dual custody, dual recording, dual locks, dual dispatch, and dual collection) for critical hazardous chemicals, such as precursor and explosive-precursor chemicals. Temporary on-site storage volumes are strictly mandated not to exceed a single day's operational consumption requirement, minimizing risks associated with temporary storage and operational errors.

The Company extends its management responsibilities to suppliers, transport parties, and external contractors, explicitly clarifying stakeholders' safety obligations through safety and environmental protection agreements, qualification audits, and rigorous on-site supervision. Concurrently, the Company continuously executes specialized hazardous chemical training and emergency drills covering hazard identification, standardized storage and use, spill response, PPE donning, firefighting, and evacuation escape. In 2025, the Jinwan Base organized 8 sessions of related training and drills, reaching 256 employee-times; the Xi'ning Base conducted on-site drills and spill response training covering 85 individuals; and the Yibin Base executed a specialized nitric acid spill emergency drill, successfully enhancing the operational viability of its emergency protocols and on-site collaborative disposal capabilities.

Responsible Supply Chain Management

Gokin Solar consistently regards responsible supply chain management as a vital foundation for securing product quality, stable delivery, compliant operations, and long-term sustainable development. The Company continuously refines its end-to-end supply chain management framework, which comprehensively covers supplier sourcing, admission, evaluation, procurement, contract fulfillment, social responsibility, integrity compliance, and traceability management. Through institutional construction, digitalized platforms, on-site audits, responsibility commitments, risk identification, and closed-loop rectifications, Gokin Solar drives the continuous elevation of supply chain management toward standardization, transparency, and traceability, joining hands with suppliers to build a compliant, stable, transparent, and responsible industry ecosystem.

Governance

Gokin Solar has established a supply chain governance mechanism centered around the Supply Chain Management Center with collaborative multi-departmental participation. The Company has enacted and implemented governing policies including the *Supplier Management Regulations, Procurement Management Regulations, Supplier Integrity Commitment Statement*, and *Supplier Social Responsibility Commitment Statement*, explicitly defining management requirements for supplier sourcing, admission, evaluation, procurement, contract fulfillment, and offboarding to ensure that supply chain management follows established rules, maintains clear authorities, and operates in a closed-loop workflow.

Supplier Management and Audits

The Company's Procurement Department leads efforts in supplier sourcing, development, investigation, evaluation, commercial negotiation, and contract execution, while organizing the collection of supplier archival data as well as monthly and annual performance evaluations. The Technical Department is tasked with verifying material and equipment technical parameters, drafting technical specifications, and overseeing sample testing and trial runs. The Quality Department participates in supplier quality reviews, incoming quality control (IQC), and on-site audits. Concurrently, the Finance, Legal, Audit, and Compliance Departments manage supply chain risk control from the perspectives of cost, contracting, compliance, and supervision, collectively forming a cross-functional supplier management mechanism.

Through standardized on-site audit forms, the Company evaluates suppliers across critical domains including documentation control, training, supplier management, calibration, process control, shipping management, warehouse management, design changes, continuous quality improvement, customer service, environment, health, and safety (EHS), and social responsibility. During on-site audits for new suppliers, the Company treats EHS and social responsibility as an independent audit module, strictly documenting and determining comprehensive scores, veto criteria (knockout items), and rectification requirements.

Procurement Management

The Company operates a Tendering Committee mechanism to review, supervise, evaluate, and finalize all bidding processes. Based on specific project characteristics, the Tendering Committee defines evaluation rubrics and reviews the weight allocation across technical bids, commercial bids, and financial bids. The Compliance and Audit Team is responsible for internal compliance inspections, reviewing the rationality of pricing and order distribution to prevent non-compliant operations and interest transfers. The SRM Tendering Management Team organizes electronic bidding, system training, process logging, bidding briefings, and archive management, driving a transparent, efficient, and traceable procurement process.

Traceability Management

Actively monitoring external regulatory dynamics and customer requirements, the Company has systematically constructed its traceability compliance management framework, fully achieving the "Three 100% Compliance" Objectives (i.e., 100% document compliance rate, 100% process execution compliance rate, and 100% customer audit pass rate). Gokin Solar proactively guides suppliers toward collaborative improvements and assists customers in refining their traceability mechanisms, significantly enhancing the Company's professional image and trust at the customer end, and laying a solid compliance foundation for expanding into overseas markets.

Supplier Social Responsibility and ESG Governance

In terms of supplier social responsibility governance, the Company integrates mandates regarding labor rights, health and safety, environmental protection, human rights, business ethics, and conflict minerals into its supplier management framework. Before a new supplier is officially onboarded as a qualified supplier, they are required to execute documents including the *Supplier Quality Agreement, Supplier Confidentiality Agreement, Supplier Integrity Commitment Statement*, and *Supplier Social Responsibility Commitment Statement*. The Company reserves the right to suspend the introduction of suppliers who fail to execute relevant agreements as required.

Gokin Solar integrates ESG performance into its supplier lifecycle management framework, focusing heavily on suppliers' management capacities and fulfillment levels regarding environmental management, labor rights, occupational health and safety, business ethics, risk management, and information disclosure. By establishing a quantitative ESG evaluation mechanism, the Company guides suppliers to continuously elevate their capabilities in energy conservation, emission reduction, production safety, employee care, integrity compliance, and sustainable governance, driving the continuous upgrade of the supply chain toward green, standardized, and transparent operations to construct a sustainable supply chain ecosystem characterized by shared responsibilities and collaborative development.

Gokin Solar Supplier ESG Self-Assessment Metrics

Category	Weight	Evaluation Indicator
Environmental	45 Points	Environmental Management System Energy Consumption and Carbon Emissions Water Resources Management Waste Management Pollution and Emissions Green Procurement and Circular Economy
Social	35 Points	Labor Rights and Interests Health and Safety Diversity and Inclusion Training and Development Supply Chain Social Responsibility Community Relations
Governance	20 Points	Business Ethics Information Disclosure and Transparency Risk Management Board Governance

Explanatory Notes:

- Score Grading Standards: Grade A (Excellent): Score is between 85 and 100 (inclusive of 85 and 100).
  Grade B (Good): Score is equal to or greater than 70 but less than 85.
  Grade C (Fair): Score is equal to or greater than 60 but less than 70.
  Grade D (Unqualified): Score is less than 60.
- A supplier must achieve at least a Grade C or above to be considered a qualified supplier.
- If the audit results in an unqualified status or the score is less than 60, the supplier is strictly required to undergo rectifications and submit a formal rectification report.

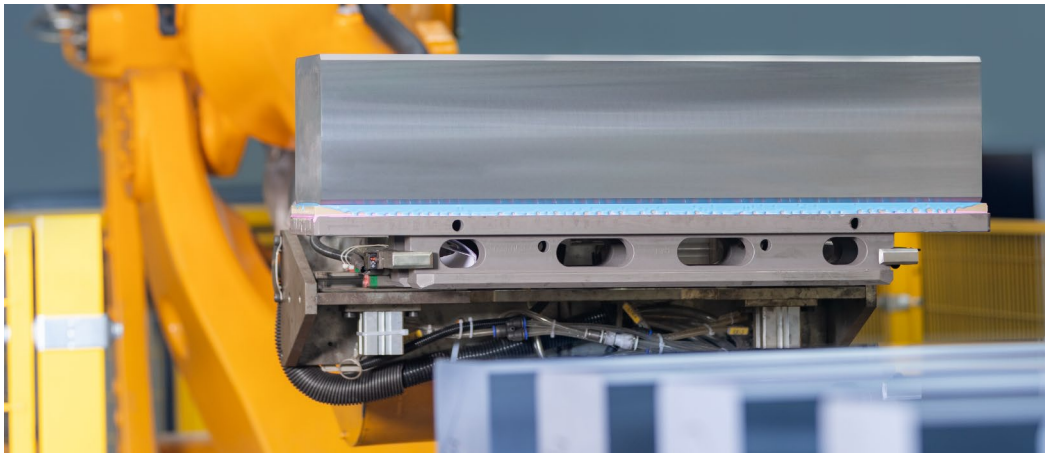
Strategy

Gokin Solar regards supply chain stability, compliance, and sustainability as critical capabilities supporting the Company's high-quality development. Tailored to the unique characteristics of the photovoltaic manufacturing value chain, the Company continuously optimizes its supplier structure while reinforcing admission management and process control for core materials, critical equipment, and essential service providers, driving the upgrade of its supply chain toward an integrated value management model that places equal emphasis on quality, compliance, efficiency, and social responsibility.

Adhering to the procurement principles of fairness, justice, honesty, and trustworthiness, the Company utilizes SRM electronic bidding, supplier admission evaluations, qualification pre-screenings, comprehensive bid evaluations, on-site audits, and performance reviews to elevate procurement transparency and supply chain operational efficiency, effectively mitigating risks associated with supply disruptions, quality fluctuations, commercial bribery, and regulatory non-compliance.

The Company proactively embeds social responsibility mandates into the front end of supplier admission and the entire cooperation lifecycle. Suppliers are strictly required to abide by applicable laws and regulations, safeguard employees' freedom of association and the right to collective bargaining, and prohibit discrimination, child labor, forced labor, and disciplinary practices. Furthermore, suppliers must guarantee reasonable compensation, fair working hours, and occupational health and safety, while actively fulfilling their responsibilities regarding environmental protection, respect for human rights, and conflict minerals management.

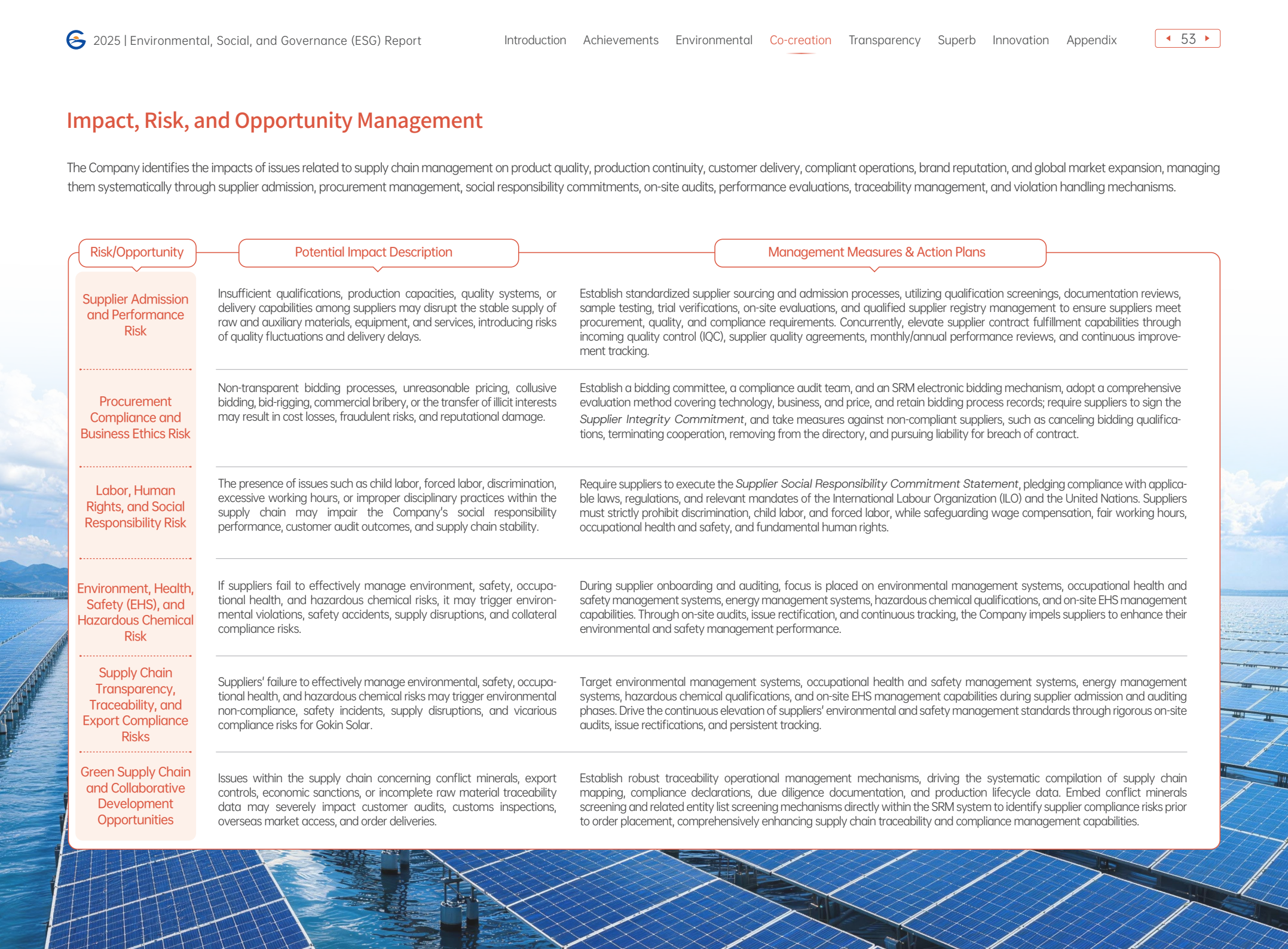
In the context of accelerating international business expansion and elevating customer compliance mandates, the Company continuously strengthens its supply chain traceability management, systematically constructing a traceability compliance management framework to standardize document compliance, process execution, and customer audit management. Through cross-functional collaboration, supplier documentation management, manufacturing process data traceability, and digital platform construction, Gokin Solar comprehensively enhances supply chain transparency and customer trust, providing robust compliance support for overseas market expansion.



Impact, Risk, and Opportunity Management

The Company identifies the impacts of issues related to supply chain management on product quality, production continuity, customer delivery, compliant operations, brand reputation, and global market expansion, managing them systematically through supplier admission, procurement management, social responsibility commitments, on-site audits, performance evaluations, traceability management, and violation handling mechanisms.

Risk/Opportunity	Potential Impact Description	Management Measures & Action Plans
Supplier Admission and Performance Risk	Insufficient qualifications, production capacities, quality systems, or delivery capabilities among suppliers may disrupt the stable supply of raw and auxiliary materials, equipment, and services, introducing risks of quality fluctuations and delivery delays.	Establish standardized supplier sourcing and admission processes, utilizing qualification screenings, documentation reviews, sample testing, trial verifications, on-site evaluations, and qualified supplier registry management to ensure suppliers meet procurement, quality, and compliance requirements. Concurrently, elevate supplier contract fulfillment capabilities through incoming quality control (IQC), supplier quality agreements, monthly/annual performance reviews, and continuous improvement tracking.
Procurement Compliance and Business Ethics Risk	Non-transparent bidding processes, unreasonable pricing, collusive bidding, bid-rigging, commercial bribery, or the transfer of illicit interests may result in cost losses, fraudulent risks, and reputational damage.	Establish a bidding committee, a compliance audit team, and an SRM electronic bidding mechanism, adopt a comprehensive evaluation method covering technology, business, and price, and retain bidding process records; require suppliers to sign the *Supplier Integrity Commitment*, and take measures against non-compliant suppliers, such as canceling bidding qualifications, terminating cooperation, removing from the directory, and pursuing liability for breach of contract.
Labor, Human Rights, and Social Responsibility Risk	The presence of issues such as child labor, forced labor, discrimination, excessive working hours, or improper disciplinary practices within the supply chain may impair the Company's social responsibility performance, customer audit outcomes, and supply chain stability.	Require suppliers to execute the *Supplier Social Responsibility Commitment Statement*, pledging compliance with applicable laws, regulations, and relevant mandates of the International Labour Organization (ILO) and the United Nations. Suppliers must strictly prohibit discrimination, child labor, and forced labor, while safeguarding wage compensation, fair working hours, occupational health and safety, and fundamental human rights.
Environment, Health, Safety (EHS), and Hazardous Chemical Risk	If suppliers fail to effectively manage environment, safety, occupational health, and hazardous chemical risks, it may trigger environmental violations, safety accidents, supply disruptions, and collateral compliance risks.	During supplier onboarding and auditing, focus is placed on environmental management systems, occupational health and safety management systems, energy management systems, hazardous chemical qualifications, and on-site EHS management capabilities. Through on-site audits, issue rectification, and continuous tracking, the Company impels suppliers to enhance their environmental and safety management performance.
Supply Chain Transparency, Traceability, and Export Compliance Risks	Suppliers' failure to effectively manage environmental, safety, occupational health, and hazardous chemical risks may trigger environmental non-compliance, safety incidents, supply disruptions, and vicarious compliance risks for Gokin Solar.	Target environmental management systems, occupational health and safety management systems, energy management systems, hazardous chemical qualifications, and on-site EHS management capabilities during supplier admission and auditing phases. Drive the continuous elevation of suppliers' environmental and safety management standards through rigorous on-site audits, issue rectifications, and persistent tracking.
Green Supply Chain and Collaborative Development Opportunities	Issues within the supply chain concerning conflict minerals, export controls, economic sanctions, or incomplete raw material traceability data may severely impact customer audits, customs inspections, overseas market access, and order deliveries.	Establish robust traceability operational management mechanisms, driving the systematic compilation of supply chain mapping, compliance declarations, due diligence documentation, and production lifecycle data. Embed conflict minerals screening and related entity list screening mechanisms directly within the SRM system to identify supplier compliance risks prior to order placement, comprehensively enhancing supply chain traceability and compliance management capabilities.



Metrics, Targets, and Actions

The Company establishes operational process metrics around supply chain management, continuously tracking supplier admission, audits, social responsibility commitments, integrity compliance, procurement transparency, traceability management, and overall supplier performance.

In 2025, actively responding to regulatory and customer compliance mandates, the Company established a standardized traceability audit methodology. During the reporting period, Gokin Solar successfully led and completed 12 high-specification on-site customer traceability audits, achieving a 100% pass rate. Concurrently, the Company assisted in completing 7 customs inspections, all resulting in successful clearance. Throughout the year, a total of 1,032 traceability documentation packages were delivered, and the accuracy rate of traceability data increased by 37.8% year-on-year, continuously reinforcing customer delivery trust and supply chain transparency.

2025 Gokin Solar Supplier Management Performance Metrics

Metric		Unit	2025
Total Number of Suppliers		Suppliers	253
By Region	Total Suppliers in Mainland China	Suppliers	252
	Total Suppliers in Hong Kong, Macao, Taiwan, and Overseas	Suppliers	1
Percentage of Suppliers Signing the Supplier Code of Conduct		%	96
Percentage of Suppliers Signed with Environmental and Labor Mandate Clauses		%	81
Number of Suppliers Subjected to Social Impact Assessments		Suppliers	162
Number of Suppliers Subjected to Environmental Impact Assessments		Suppliers	162
Total Number of New Suppliers		Suppliers	29
By Assessment Type	Percentage of New Suppliers Screened Using Environmental Criteria	%	62
	Percentage of New Suppliers Screened Using Social Criteria	%	62
Percentage of Internal Procurement Personnel Passing Sustainable Procurement Training		%	100

Case Study The 1210 Gokin Solar Global BC Ecosystem Summit

On December 11, 2025, Gokin Solar hosted the Global BC Ecosystem Summit-under the theme "Dancing with Light,Embarking on a-Grand Journey" to systematically showcase the Company's strategic layout and milestone achievements in BC technology, industrial collaboration, and green, low-carbon development. On the occasion of its fifth anniversary, the Company officially launched its next-generation GBC full-screen modules and high-power modules based on BC technology, while formally introducing its new brand positioning as the "Definer of Craftsmanship-Grade Modules," further strengthening its technological competitiveness and brand influence within the high-efficiency photovoltaic module sector.The Company insists on co-creation and win-win in ecosystem building, moves forward hand in hand with customers, partners, and employees, builds an industry ecosystem of collaborative progress, and promotes a virtuous cycle of sustainable development.

2025 Gokin Solar Global BC Ecosystem Summit

Community Investment

Gokin Solar always upholds the public welfare concept of "sowing the seeds of love and cultivating the enterprise spirit of 'for employees, for society, and altruism'", deeply integrating social responsibility into its corporate development strategy, actively responding to national requirements for the development of social public welfare undertakings, and continuously promoting the collaborative symbiosis of corporate value and social value. Adhering to a long-term perspective to carry out public welfare practices, the Company focuses on key areas such as educational assistance, charitable donations, care for vulnerable groups, employee mutual aid, and emergency assistance, gradually building a social contribution system characterized by "headquarters coordination, base linkage, full participation, and collaborative development" to promote the development of public welfare actions toward normalization, systematization, and long-term efficacy. Meanwhile, the Company actively leverages its synergistic advantages in industry, talent, and resources, continuously deepens cooperation with local governments, public welfare organizations, and all sectors of society, and strives to participate in social value creation in a more open and sustainable manner, contributing corporate strength to regional economic development, social harmony and progress, and a sustainable future.

Social Contribution

Gokin Solar continuously carries out public welfare practices focusing on key areas such as educational assistance, hardship relief, and emergency assistance, actively responding to local social needs and promoting the collaborative enhancement of corporate value and social value. The Company has established a public welfare management mechanism characterized by "headquarters coordination, base linkage, hierarchical approval, and dedicated funds for dedicated purposes," ensuring that the entire process of public welfare projects is compliant, transparent, and traceable through standardized process management, special fund management, and project supervision and review mechanisms.

During the reporting period

Each base of the Company continuously advanced educational public welfare and other projects based on local conditions. Since the establishment of the Company, Gokin Solar's cumulative public welfare donations have reached RMB **2.89** million.

Gokin Solar Corporate Philanthropy Outstanding Contribution Award

Case Study The Sichuan "Love Star Project" Public Welfare Fundraiser for Disabled Children

In June 2025, Gokin Solar launched the "Love Star Project" public welfare initiative for disabled children in Yibin City, Sichuan Province, and initiated a special fundraising drive targeting employees and all sectors of society, holding a centralized donation ceremony in August of the same year. The project focused on impoverished disabled children and families of disabled individuals in Yibin City, supporting disabled children to receive rehabilitation training, special education, and daily care services through dedicated funding to relieve family financial pressure and care burdens. This activity raised and donated a total of RMB 50,000 in charitable funds. The "Love Star Project" reflects the Company's continuous attention to vulnerable groups and is an important practice of the Company in advancing the projectization and normalization of its social contribution programs.

The "Love Star Project" Initiative for Caring for Disabled Children

Public Welfare Activities Across Gokin Solar's Four Manufacturing Bases

Zhuhai Base

Aligned closely with local and educational public welfare needs, with cumulative donations reaching RMB 370,000:

- Donated RMB 50,000 through the Jinwan District Educational Charity Association to support the development of local education;
- Partnered with the Jinwan District Federation of Industry and Commerce, the Chinese People's Political Consultative Conference (CPPCC) local committee, as well as municipal and district departments of science and technology,and market regulation to direct RMB 320,000 through the Red Cross Society, dedicated specially to the Guangdong Province "630" Poverty Alleviation.

Guangzhou Base

Contributed RMB 5,000 to public welfare initiatives focused on emergency relief and the prevention and control of vector-borne infectious diseases.

Yibin Base

Contributed RMB 50,000 in charitable donations specifically dedicated to caring for children with disabilities.

Xi'ning Base

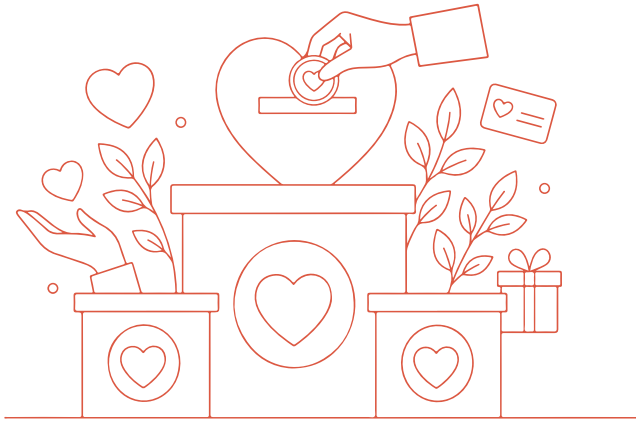
Focused on educational assistance and care for disadvantaged students, with a total allocation of funds and material resources valued at RMB 92,000:

- On September 26, 2025, invested RMB 80,000 to execute the "Hope Project Red Scarf Radio Station" initiative, improving campus cultural dissemination infrastructure;
- In December 2025, conducted door-to-door comfort visits for disadvantaged students, delivering essential life provisions including rice, flour, and cooking oil to 10 households, totaling a value of RMB 2,000;
- In May 2025, extended care and support to 2 disadvantaged households in Datong Hui and Tu Autonomous County, distributing RMB 10,000 in direct cash assistance.

2025 Gokin Solar Social Contribution Performance Metrics

Total Charitable Donation Amount

853,000 RMB



03 Transparency

Ensuring Transparency and Improving Governance Efficiency

Gokin Solar anchors its long-term value creation and steady operations on a robust foundation of compliance and risk management. By seamlessly integrating regulatory compliance with corporate operations, we build an efficient, well-coordinated internal control system that systematically sharpens our risk identification, assessment, and response capabilities. Through rigorous institutional oversight and multi-tiered synergy, we ensure effective control over key business links, strengthening our risk resilience amid volatile market environments to secure a path of high-quality growth.

This Chapter Responds to

GRI Sustainability Reporting Standards (GRI Standards)

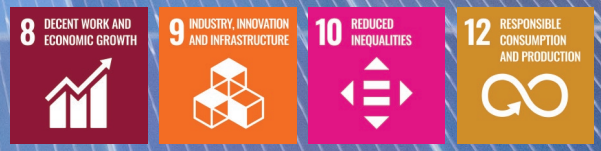
- GRI 2: General Disclosures 2021
- GRI 205: Anti-corruption 2016
- GRI 206: Anti-competitive Behavior 2016
- GRI 405: Diversity and Equal Opportunity 2016
- GRI 418: Customer Privacy 2016

Self-Regulatory Guidelines No. 17 for Companies Listed on Shenzhen Stock Exchange – Sustainability Report (For Trial Implementation)

- Anti-Commercial Bribery and Anti-Corruption
- Anti-Unfair Competition
- Data Security and Customer Privacy Protection

Material Topics

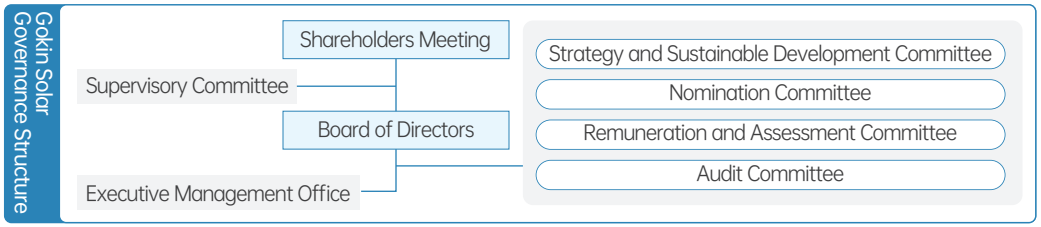
- Information Security and Privacy Protection
- Corporate Governance
- Risk Management
- Business Ethics



Corporate Governance

Gokin Solar continuously refines its corporate governance framework, centered around the General Meeting of Shareholders, the Board of Directors, the Supervisory Committee, and senior management. The Company has constructed a governance structure characterized by clear authorities, standardized operations, and mutual checks and balances, securing lawful, compliant, efficient, and orderly corporate operations. On this basis, the Company persistently strengthens the development of its Board of Directors, elevating its independence and diversity by optimizing professional backgrounds, introducing members with diverse expertise, and refining the operational mechanisms of specialized committees, thereby effectively enhancing strategic decision-making and risk control capacities. Gokin Solar's "Three Meetings" operate with strict regularity, its governance mechanisms are continuously optimized, and its advantages in diversity and professionalization are further emphasized, providing a solid governance safeguard for the Company to achieve stable operations and long-term sustainable development within a complex and volatile market environment.

Governance Structure



Gokin Solar strictly complies with the *Company Law of the People's Republic of China* and relevant regulatory mandates to continuously refine its corporate governance structure, building a modern corporate governance framework characterized by clear authorities, standardized operations, and mutual checks and balances. The Company has established a governance model with the General Meeting of Shareholders as the highest authority, the Board of Directors as the decision-making body, the Supervisory Committee as the supervisory body, and senior management as the executive operation body, ensuring that corporate governance operates lawfully, compliantly, efficiently, and systematically.

In terms of governance composition, the General Meeting of Shareholders lawfully exercises decision-making authority over major corporate matters, while the Board of Directors remains accountable to the General Meeting of Shareholders, comprehensively coordinating corporate development strategies and critical business decisions. Under the Board of Directors, specialized committees are established, including the Strategy Committee, the Nomination Committee, the Remuneration and Assessment Committee, and the Audit Committee. Each committee operates under a clear division of responsibilities, performing specialized supporting and supervisory roles across critical domains such as strategic planning, director nomination and diversity construction, performance assessment and remuneration incentives, and financial reporting and internal control, thereby further elevating the scientific decision-making and standardized operational levels of the Board of Directors

The Supervisory Committee performs its supervisory duties in accordance with the law, conducting independent oversight over the Company's financial status and the performance of duties by directors and senior executives, effectively safeguarding the legitimate rights and interests of the Company and all shareholders. Authorized by the Board of Directors, the Executive Management Team handles the Company's daily operational and management affairs, ensuring the effective execution of all decisions and the fulfillment of business objectives.

During the reporting period, Gokin Solar's General Meeting of Shareholders, Board of Directors, and Supervisory Committee operated fully in accordance with the law, with various functional departments collaborating effectively under clear divisions of responsibility. This collective framework performed a proactive role in perfecting the corporate governance structure and safeguarding minority shareholder interests, backed by fully equipped administrative policies and highly standardized daily operations.

In 2025

The Company convened **2** General Meetings of Shareholders, **5** Board of Directors meetings, and **3** Supervisory Committee meetings, reviewing nearly **30** resolutions.

Board of Directors Development

The members of the Company's current Board of Directors possess both profound academic foundations and extensive industry practical experience. Their professional backgrounds span critical domains including semiconductors, photovoltaic technology, financial auditing, and regulatory compliance assessments, forming a well-structured governance team with complementary advantages. This diversified knowledge structure and experience combination enables the Board of Directors to evaluate corporate development strategies and major matters from multi-dimensional perspectives, effectively elevating risk identification capacities and scientific decision-making levels, thereby providing a solid safeguard for the Company's stable growth within a complex and volatile market environment.

Gokin Solar continuously refines its Board structure and governance mechanisms, focusing on elevating the independence and standardized operational levels of the Board of Directors. The Company's Board of Directors consists of 9 directors, including 4 independent directors, representing 44% of the total Board membership. The number and proportion of independent directors strictly comply with relevant regulatory requirements. Independent directors fully leverage their professional judgment and independent supervisory roles within the Board, actively participating in critical decision-making processes and conducting prudent reviews of essential matters such as connected transactions, financial reporting, internal controls, and risk management, thereby effectively enhancing the objectivity and transparency of Board decisions.

Benchmarking against internationally recognized ESG standards and governance philosophies, the Company continuously refines its corporate governance framework, regarding Board diversity as a vital lever for enhancing governance effectiveness and strategic execution capabilities. The Company has progressively constructed and implemented a diversity-oriented mechanism for its Board of Directors. During the director nomination and selection processes, the Company strictly adheres to the principle of diversity, systematically and comprehensively considering multi-dimensional factors including gender, age, cultural and educational backgrounds, professional experience, skills and knowledge structures, race and ethnicity, regional and nationality distributions, and tenure structures to drive the continuous optimization and balanced development of the Board's composition. Concurrently, the Company focuses on the rational allocation of the tenure structure and age gradients of Board members, maintaining Board vitality and forward-looking capabilities through a combination of seasoned expertise and the continuous introduction of talents with diverse backgrounds.

As of the end of 2025, the Board of Directors included 3 female members, accounting for 33% of the total. The continuous elevation of gender diversity has not only optimized the composition of the Board of Directors, but has also injected a more inclusive and diverse value perspective into corporate governance. Directors of different genders, backgrounds, and experiences form mutual complementarities in strategic analysis, risk assessment, and stakeholder communications, which helps enhance the comprehensiveness and prudence of the decision-making process, thereby strengthening the Company's adaptability and sustainable development resilience under uncertain environments.

Business Ethics

Gokin Solar utilizes institutional construction as its foundation, operational process control as its primary lever, and enforcement supervision coupled with cultural cultivation as its core supports to construct a comprehensive business ethics management framework that covers both internal employees and the external supply chain, achieving a closed-loop management model spanning risk prevention, process control, and accountability enforcement. By continuously refining anti-fraud mechanisms, maintaining unhindered reporting channels, and strengthening whistleblower protections, the Company steadily elevates its compliance management standards and governance transparency. Concurrently, Gokin Solar extends its integrity mandates throughout the entire supplier lifecycle management process, driving the formation of a collaborative and mutually governed ecosystem of integrity.

Refining Institutional Construction to Consolidate the Compliance Foundation

Adhering to honest operations and compliant management, the Company continuously refines its business ethics governance framework, enacting and implementing policy documents such as the *Regulations for Integrity Management* and the *Code of Professional Ethics, Rewards, and Punishments for Internal Audit Personnel*. These documents explicitly define risk boundaries for commercial bribery, fraudulent behaviors, and conflicts of interest, comprehensively covering critical business nodes including procurement, sales, finance, and supply chain management. Gokin Solar has established an anti-fraud management system with the Board of Directors as the coordinating body, the Audit Committee as the supervisory entity, and the Internal Audit Department as the primary execution authority, systematically standardizing employees' professional conduct and clean-practice mandates while reinforcing institutional constraints and compliance baselines.

Concurrently, the Company has established robust management mechanisms governing employee integrity, honesty, and business ethics. Upon onboarding, new employees are strictly required to execute documents including the *Agreement on Integrity Conduct and Intellectual Property Rights*, the *Employee Confidentiality and Non-Compete Agreement*, and the *Integrity and Self-Discipline Agreement*. These documents standardize mandates regarding trade secret protection, intellectual property ownership, anti-commercial bribery, and professional integrity, effectively reinforcing employees' professional ethics and compliance awareness.

Reinforcing Process Control to Build an Anti-Fraud Closed-Loop Mechanism

The Company continuously perfects its anti-fraud and integrity management mechanisms, establishing a multi-channel grievance and whistleblowing infrastructure that includes dedicated reporting emails, hotlines, and online platforms. These channels are fully accessible to employees, suppliers, partners, and other external stakeholders to ensure unhindered and effective reporting. Gokin Solar attaches supreme importance to the protection of whistleblower rights and interests, establishing and improving rigorous whistleblower confidentiality and anti-retaliation mechanisms. Policies explicitly mandate strict information stratification and access control across all stages — including report intake, logging, investigation, and outcome feedback — guaranteeing that the identity of the whistleblower and the contents of the report remain strictly confidential and protected from leakage.

Gokin Solar Grievance and Whistleblowing Channels

Email	shenjibu@gokin、GM@gokingsolar.com
Phone / SMS	15692038078
WeChat	gokinsolarshenji1209(15692038078)

Official Account

Access any Gokin official WeChat account (Gokin Shares, Jinwan Gokin, Sichuan Gokin, Qinghai Gokin, Guangzhou Gokin), select "Contact Us," and click on "Reporting Channels."

Mail

Audit Committee, Gokin Solar Co., Ltd., No. 1566 Hubin Road, Sanzao Town, Jinwan District, Zhuhai City, Guangdong Province

In terms of integrity advocacy and education, the Company displays anti-corruption promotional posters across all manufacturing bases, deeply embedding a culture of integrity into the daily operational awareness of every employee. Gokin Solar designates integrity culture training as a compulsory component of the onboarding curriculum for all new hires, coupled with mandatory online examinations that serve as a critical metric within the orientation assessment framework. Concurrently, the Company conducts routine integrity training sessions tailored to the specific needs of various departments, comprehensively elevating employees' risk awareness and preventative capabilities.

During the reporting period

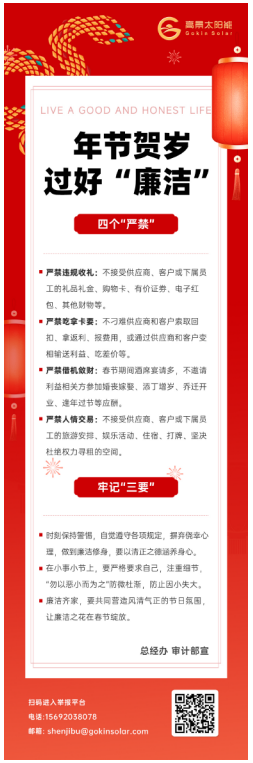
The Company executed **3** dedicated integrity publicity campaigns and conducted **7** routine integrity training sessions, reaching a total of **546** trained employees.

Gokin Solar "Eight Red Lines" of Corporate Integrity- Guiding Action with Values, Safeguarding Value with Integrity

- **Co-creation**: Walking hand-in-hand with industry partners
- **Transparency**: Fostering transparent and straightforward interpersonal relationships
- **Superb**: Pursuing ultimate quality and operational perfection
- **Innovation**: Unwaveringly sticking to foundational principles
- **Achievement**: Realizing win-win outcomes for all stakeholders

Prohibition on Gift Acceptance and Bribery Prohibition on Extortion, Bureaucratic Obstruction, and Improper Inducement	• Employees are strictly prohibited from receiving or accepting cash gifts, gratuities, shopping cards, marketable securities, personal loans, or any other physical and financial property. • Employees are strictly prohibited from abusing their authority to create difficulties for suppliers or subordinates, soliciting or accepting kickbacks, pocketing cash redemptions, or manipulating price differentials to facilitate disguised transfers of illicit interests.
Prohibition on Power Abuse for Personal Gain Prohibition on Property Misappropriation	• Employees are strictly prohibited from leveraging Company resources to secure personal advantages, such as arranging employment for relatives, marketing private products, raising funds from stakeholders, waiving debts, or providing corporate guarantees. • Employees are strictly prohibited from practicing fraud, falsifying expense reimbursements, passing off substandard materials as quality goods, or embezzling and misappropriating Company assets.
Prohibition on Confidentiality Leaks Prohibition on Non-compliant Hospitality	• Employees are strictly prohibited from disclosing corporate trade secrets, technical specifications, operational data, and internal management decisions. • Employees are strictly prohibited from inviting stakeholders to social functions, including but not limited to weddings, funerals, birthdays, childbirth celebrations, academic promotions, military enlistments, housewarmings, business openings, or traditional holiday banquets.
Prohibition on Personal Favor Trading Prohibition on Collusion and Malfeasance	• Employees are strictly prohibited from accepting banquets, travel accommodations, card games, shopping trips, or recreational entertainment sponsored by suppliers or subordinates. • Employees are strictly prohibited from engaging in internal-external collusion, fraudulent conspiracies, power-money transactions, or enriching private interests at the expense of public corporate property.

Gokin Solar "Eight Red Lines" of Corporate Integrity



2025 Gokin Solar Integrity Advocacy

2025 Gokin Solar Integrity Training

In terms of enforcement and supervision, the Company's Internal Audit Department leads efforts in fraud investigations and risk screenings, strictly implementing a closed-loop management mechanism structured around report intake, investigation and handling, outcome feedback, and rectification tracking. Concurrently, the Company operates a robust whistleblower protection mechanism, enforcing strict confidentiality over whistleblowing data and prohibiting any form of retaliation. During the reporting period, the Company received 8 whistleblowing reports concerning business ethics, achieving a 100% completion rate for investigations and handling, with all cases verified and resolved in strict accordance with policy mandates.

Furthermore, the Company strengthens the professional ethics management of its internal audit personnel, explicitly defining behavioral specifications including honesty and integrity, objectivity and fairness, clean self-discipline, and confidentiality obligations, while elevating the independence and effectiveness of audit operations through rewards and punishments mechanisms. Regarding non-compliant behaviors, the Company implements punitive measures including warnings, financial penalties, up to the termination of labor employment based on the severity of the violation, and transfers individuals to judicial authorities in accordance with the law for severe infractions.

Elevating Compliance Levels to Cultivate an Ethical Operating Environment

Through steadily advancing its business ethics infrastructure, the Company's anti-fraud and integrity management capabilities have continuously advanced, with its risk identification and prevention mechanisms becoming more refined. During the reporting period, the Company experienced zero major incidents of commercial bribery or fraud, with overall business operations remaining highly standardized and orderly. Employees' awareness of professional integrity and compliance has been significantly reinforced, the whistleblowing framework operated effectively, and the efficiency of issue detection and rectification continuously improved.

Concurrently, through positive incentive mechanisms, the Company extends rewards to employees who contribute to risk identification, fraud prevention, and cost-reduction/efficiency-enhancement efforts, further reinforcing the management directive of "equal emphasis on incentives and constraints" to foster an all-employee participatory culture of integrity.

Reinforcing Integrity Constraints to Extend Compliance Boundaries

The Company extends its business ethics mandates throughout the entire lifecycle of supply chain management. By requiring the execution of the *Supplier Integrity Commitment Statement*, clean practice and anti-fraud mandates are fully integrated into supplier admission and partnership management mechanisms, driving the construction of a fair, just, and transparent collaborative environment. The Company requires all suppliers to strictly abide by national laws, regulations, and business ethics standards, explicitly prohibiting the implementation of commercial bribery, the transfer of illicit interests, and unfair competition during business dealings. These prohibited behaviors encompass, but are not limited to, providing cash, gifts, rebates, hospitality, travel, or any other improper benefits to Company employees or their related stakeholders.

Throughout the cooperation process, the Company further standardizes the boundaries of supplier conduct. Suppliers are strictly prohibited from disrupting market order through collusive bidding, bid-rigging, fraudulent pricing, or information falsification, and must not influence tendering or commercial decisions through improper relationships. Concurrently, suppliers are required to conduct pre-emptive disclosures regarding potential conflicts of interest to secure the independence and fairness of transactions. Gokin Solar explicitly designates the Procurement Department as the unified liaison window, reinforcing operational process standardization to prevent integrity risks driven by non-compliant communications.

In terms of supervision and constraint mechanisms, the Company integrates suppliers' integrity performance directly into its partnership evaluation framework. For suppliers who violate their integrity commitments, the Company implements rigorous punitive measures including disqualification from bidding, termination of cooperation, removal from the qualified supplier registry, and legal enforcement of breach-of-contract liabilities, while pursuing legal responsibilities in accordance with the law for severe infractions. Concurrently, the Company encourages suppliers to participate in the anti-fraud supervision framework, explicitly requiring them to promptly report detected violations through the Company's established whistleblowing channels and cooperate with investigative evidence collection to jointly safeguard a clean and compliant commercial ecosystem.

Compliance Management

Gokin Solar consistently regards compliant operations as the core foundation for the Company's high-quality development. Benchmarking against national laws, regulations, and international compliance mandates, the Company systematically advances its compliance management, risk management, and internal control frameworks, fully integrating standardized operational requirements into strategic planning and all stages of production and business operations to construct a collaborative, efficient, and continuously optimized governance system.

Compliant Operations

In strict accordance with core domestic laws and regulations, including the *Civil Code of the People's Republic of China*, the *Company Law of the People's Republic of China*, the *Labor Law of the People's Republic of China*, and the *Criminal Law of the People's Republic of China*, while fully considering compliance mandates within international trade domains such as the UFLPA (Uyghur Forced Labor Prevention Act), the Company formulates and continuously refines its compliance management policy framework. Gokin Solar has instituted a comprehensive Compliance Management Manual, explicitly defining the specific duties and divisions of labor for the Board of Directors, the Compliance Committee, the Chief Compliance Officer (CCO), the Legal and Compliance Department, and various business units, establishing a three-tier compliance management structure of "top-level coordination, executive implementation, and operational execution."

Gokin Solar Compliance Management Structure

Governance & Decision-making Layer	Board of Directors (Highest Decision-making Body for Compliance Management)	Holds the ultimate decision-making authority over major compliance management matters, coordinating the overall direction and strategy of compliance management.
Governance & Decision-making Layer	Compliance Committee (Overarching Coordinating Body)	Responsible for leading and coordinating the Company's compliance management operations, undertaking responsibilities such as compliance strategy formulation, major risk analysis, and critical policy approvals.
Executive Layer	Legal & Compliance Department (Executive Secretariat of the Compliance Committee / Routine Implementation & Coordination Body)	Responsible for the daily execution and coordination of compliance management, including policy development, risk identification, supervisory inspections, training publicity, and cross-departmental coordination.
Operational Layer	Business Departments (Compliance Implementation)	Implements compliance requirements in accordance with the division of responsibilities, embedding compliance management into specific business processes, bearing frontline compliance accountability to secure the effective execution of compliance mandates.

The Company has established the compliance governance objectives of "sound institutional design, robust enforcement, controllable risks, and continuous optimization." Based on actual operational conditions, the Company advances its compliance framework in phases, deeply embedding compliance mechanisms into daily production and business links such as R&D, production, procurement, sales, and human resources. Gokin Solar operates a regularized compliance review mechanism, conducting end-to-end compliance reviews of major decisions, essential contracts, and critical business operations to drive the full implementation of compliance management and support high-quality corporate governance. During 2025, the Company received zero major compliance risk grievances and experienced zero major compliance investigation cases.

To secure the stable and efficient operation of the compliance management framework and ensure the enforcement of compliance policies, the Company has constructed an end-to-end compliance supervision mechanism covering "pre-incident prevention, in-process control, and post-incident accountability," forming a comprehensive supervisory network through internal audits, specialized supervisory checks, routine compliance reviews, and employee whistleblowing:

Pre-incident Prevention	For critical matters such as major investment decisions, essential contract executions, and major project approvals, formal compliance review opinions must be signed and validated by the Chief Compliance Officer to take effect, ensuring the legality and compliance of top-level decisions.
In-process Control	Compliance officers within each department manage routine compliance reviews for their respective units, enforcing real-time supervision over business workflows and operational conduct, while regularly executing specialized reviews to promptly detect and rectify non-compliant behaviors.
Post-incident Accountability	The Company's Internal Audit Department regularly conducts comprehensive internal audits, executing specialized audits targeted at the operational status and policy enforcement effects of the compliance management framework, generating formal audit reports to urge relevant departments to complete rectifications within a specified timeframe.

Employees are the core participants and direct executors of compliance management; elevating employee compliance awareness and professional capacity serves as a critical lever for compliance operations. During the reporting period, the Company constructed a comprehensive, multi-layered compliance training infrastructure through regular centralized training, specialized lectures, online coursework, case study seminars, and practical drills to systematically elevate employees' compliance consciousness and professional expertise. Tailored to the differentiated needs of various positions and organizational levels, this training matrix spans production operations, safety management, professional integrity, and legal compliance. By executing quality and lean-manufacturing upgrades, safety practical training, work-injury prevention education, specialized anti-corruption training, and legal risk control courses, the Company systematically strengthens employees' skillsets and compliance awareness, effectively boosting production efficiency, reinforcing risk prevention, and driving the continuous elevation of standardized corporate operations. In 2025, the Company organized more than 10 compliance training sessions of various types, achieving a **100%** training coverage rate across all active employees to effectively elevate all-employee compliance literacy.

Case Study Specialized Human Resources Compliance Training — Elevating Employment Management Standardization

In 2025, focusing on labor and employment compliance management, Gokin Solar executed three consecutive specialized training sessions tailored for its human resources track. Utilizing a multi-layered approach of "specialized publicity + regulatory interpretation + practical simulation," the Company systematically elevated the HR team's operational capabilities and risk prevention standards within the labor and employment domain.

The Company conducted a series of specialized training sessions for the HR team to enhance employment management standardization and risk response capacities. On July 8, the Company organized an offline "Specialized Training on Shift Scheduling Risk Standardization." This session focused on legal mandates regarding working hours, rest and leave, and overtime compensation, providing standardized guidance on critical workflows such as shift approvals, attendance management, and payroll calculations while utilizing typical cases to identify frequent risk points and unify operational standards. On August 12, the Company held an online live-stream training session on "Specialized Labor Law Judicial Interpretations" across its four major manufacturing bases. Legal personnel delivered an in-depth interpretation of core clauses concerning the scope of labor dispute acceptance, the burden of proof, and the determination of employment relationships, utilizing regional case studies to reinforce practical understanding, achieving a training satisfaction rate of 92%.

Through this series of training initiatives, the Company has progressively constructed a labor compliance training infrastructure covering institutional policies, legal interpretations, and practical applications, systematically empowering personnel in critical HR positions. Following the implementation of these sessions, the HR team's compliance awareness and professional capacity in employment management improved significantly, operational processes became more standardized, and potential labor dispute risks were effectively mitigated, providing a robust pillar for the Company's stable and compliant employment management system.

Case Study Specialized Anti-Monopoly Compliance Training — Reinforcing Monopolistic Risk Prevention Capabilities in the Photovoltaic Industry

On May 14, 2025, the Legal and Compliance Department of Gokin Solar organized a specialized session on the "Anti-Monopoly Compliance Training Infrastructure for the Photovoltaic Industry," tailored for the Company's management layer, business units, and key personnel to systematically elevate compliance awareness and risk prevention capabilities within the anti-monopoly domain.

Centering around the core contents of the *Anti-Monopoly Law of the People's Republic of China*, the training systematically explained essential regulations concerning horizontal monopoly agreements, vertical restrictive practices, and the abuse of dominant market positions. Tailored to the distinct characteristics of the photovoltaic industry, the training delivered critical alerts against high-risk behaviors such as price coordination, capacity restrictions, and market allocation, explicitly defining the Company's compliance boundaries in daily operations. Standardized compliance operational guidelines were established for critical business nodes including procurement, sales, technical collaboration, and tendering processes. By incorporating case analyses of polysilicon price manipulation, administrative monopoly interventions, and cross-border merger and acquisition reviews, the session thoroughly parsed anti-monopoly enforcement trends and corporate compliance risks, strengthening participants' capacity to identify typical unlawful behaviors.

Furthermore, leveraging this training session, the Company refined its anti-monopoly compliance toolsets and explored transforming compliance education from "knowledge transfer" to "capacity building" through scenario simulations, online learning, and the application of intelligent tools. The training concurrently covered decision-making sandbox simulations for the management layer, scenario testing for the sales team, and supply chain collaborative training across diverse environments, realizing a layered and differentiated capability upgrade pathway.

Risk Management

Compliance risk assessment is the prerequisite and foundation for preventing compliance risks. The Company attaches supreme importance to the front-end management of compliance risks. With the collaborative participation of various business units including R&D, production, sales, human resources, and procurement, the Company comprehensively analyzes diverse compliance risks that may arise during daily production and business operations through business process mapping, historical case analysis, and industry risk research.

In combination with the distinct characteristics of the photovoltaic industry — such as the high number of environmental governance and production safety stages involved in manufacturing, frequent commercial partnerships, and a large labor employment scale — the Company has explicitly designated environmental protection, production safety, anti-commercial bribery, and labor employment as the primary priority compliance domains for the current phase, while establishing specialized compliance risk assessment mechanisms accordingly. To ensure clear guidelines for compliance operations across these priority domains, the Company has enacted specific, dedicated compliance policies:

Environmental Protection: Adhering to the policy of "abiding by laws and regulations, reinforcing environmental consciousness, persisting in pollution prevention and control, advancing energy conservation and cost reduction, and realizing green development," the Company focuses on critical nodes such as exhaust gas, wastewater, and solid waste treatment during production, as well as energy consumption control.

Production Safety: Following the policy of "safety first, source prevention, people-oriented, standardized management, full participation, and continuous improvement," the framework covers end-to-end safety management spanning production equipment safety, operational process standardization, and emergency response.

Anti-Commercial Bribery: Cleaving to the policy of "enhancing all-employee awareness, strictly guarding position baselines, and thoroughly implementing integrity mandates," the focus is placed on standardizing links highly susceptible to conflicts of interest, such as procurement tendering, commercial collaboration, and customer relationship maintenance.

Labor Employment: Persisting in the policy of "abiding by laws and regulations, standardizing management, and pursuing continuous improvement," the scope encompasses full-lifecycle employment management spanning employee recruitment, labor contract execution, compensation and benefits distribution, performance evaluation, and job transfers or offboarding.

Confronting various compliance risks that may surface during production and business operations, the Company consistently adheres to the principles of prevention-first and proactive response, deploying a series of proactive and effective mitigation measures. On one hand, a robust risk early-warning mechanism has been established. Through diverse channels including routine compliance checks, risk monitoring, and industry data collection, the Company promptly captures various signals that could trigger major compliance risks — such as adjustments in laws, regulations, or policies, exposures of industry non-compliance cases, and internal process anomalies. By analyzing and evaluating these signals, the Company issues timely early-warning alerts to remind relevant departments to prepare preventative measures in advance. On one hand, tailored to different types and levels of compliance risks, the Company formulates detailed risk response protocols, explicitly defining specific mitigation measures, responsible departments, designated personnel, and completion timeframes to ensure that risk response operations are executed systematically.

Furthermore, the Company has established a risk assessment mechanism capable of identifying, differentiating, and controlling different levels and categories of compliance risks. Based on its formulated *Compliance Obligations Inventory* and utilizing a combination of quantitative and qualitative evaluation methodologies, Gokin Solar systematically and deeply analyzes the probability of risk occurrence, the degree of impact, and potential consequences, stratifying risks into high, medium, and low levels to form a dynamically updated compliance risk registry. For compliance risks characterized by typical significance, universality, or major impacts, the Company issues timely early-warning information through internal briefings and specialized meetings, while constructing comprehensive contingency plans that cover risk mitigation measures, responsible units, and completion deadlines to secure early detection and rapid disposal of risks.

Internal Control

Gokin Solar operates its internal control system under the overarching strategy of "Internal Control for Defense, Auditing for Supervision, and Inspection for Baselines." The Company has constructed a "Three Lines of Defense" internal control framework driven by the collaborative linkage of internal control, auditing, and discipline inspection, forming a risk management closed loop that integrates pre-incident prevention, in-process control, and post-incident supervision to steadily elevate the Company's risk prevention capabilities and governance efficiency.

The First Line of Defense (Internal Control): The Company focuses on pre-incident and in-process management, emphasizing risk control at the source and process oversight. On one hand, by comprehensively mapping various business domains, the Company systematically identifies potential risks, compiles them into a risk inventory, and enforces stratified management based on the scope of risk impacts. On the other hand, by formulating internal control forms and operational guidelines, the Company guides business departments to proactively evade risks, embedding risk management directly into daily operational workflows. Concurrently, the Company drives the continuous refinement of internal control policies and workflows, reviewing the completeness, rationality, and operational viability of systems, processes, and forms, while partnering with business units to optimize and reshape identified issues, achieving the continuous iterative upgrade of the internal control system.

The Second Line of Defense (Auditing): The Company reinforces post-incident supervision and evaluation mechanisms. Utilizing risk-oriented auditing methodologies, the Company focuses heavily on high-risk business domains and weak links within internal controls, executing compliance verifications and effectiveness assessments. Driven by problem-oriented principles, auditing operations push forward closed-loop rectification management, verifying the execution effects of internal controls to promptly detect and reveal potential deficiencies and management loopholes, thereby continuously enhancing the effectiveness and enforcement power of internal controls.

The Third Line of Defense (Inspection & Supervision): Centered around disciplinary constraints and accountability enforcement, the Company strengthens integrity supervision and violation investigation mechanisms. By keeping supervisory channels unhindered, proactively detecting issues, and strictly executing disciplinary reviews, the Company maintains a high-pressure stance against violations of discipline and regulations, creating an effective deterrent. Concurrently, the Company emphasizes the utilization of inspection outcomes, prompting relevant departments to promptly rectify issues and refine internal control mechanisms based on identified typical problems and policy vulnerabilities, further consolidating the foundation of risk prevention and control.

Gokin Solar "Three Lines of Defense" Internal Control Framework

The First Line of Defense: Internal Control (Pre-incident / In-process)	The Second Line of Defense: Auditing (Post-incident)	The Third Line of Defense: Inspection & Supervision (The Baseline)
Positioning Identifying Deficiencies, Highlighting Risks, and Driving Optimization	**Positioning** Compliance Verification, Performance Evaluation, and Rectification Supervision	**Positioning** Disciplinary Enforcement, Accountability Claims, and Robust Deterrence
Focus Pre-incident Prevention, Process Control, and Continuous Iteration	**Focus** Risk-oriented Auditing, Outcome-driven Approach, and Problem Closed-loop	**Focus** Integrity Supervision, Violation Verification, and Deterrent Formation

Through the "three-in-one" collaborative operational mechanism of internal control, auditing, and inspection, the Company achieves information sharing and linked management, continuously optimizing risk prevention and control processes alongside its institutional frameworks, effectively boosting its capabilities in risk identification, response, and rectification. Gokin Solar's internal control strategy relies on institutional refinement as its foundation, risk prevention and control as its orientation, and continuous optimization as its target, providing a robust safeguard for the Company's stable operations and high-quality development.

Case Study Continuous Optimization of the Compliance Internal Audit and Rectification Mechanism

During the audit of the ISO 37301 compliance management system, the Company identified a management weakness where "corrective actions were not promptly formulated for issues detected during internal audits." Confronting this issue, the Company rapidly launched a root-cause analysis, discovering that the primary cause lay in certain compliance administrators' insufficient understanding of internal audit workflows and an imperfect review mechanism.

The Company immediately deployed targeted improvement measures, including supplementing and refining the rectification workflows, establishing a temporary review taskforce, and organizing specialized training on "Compliance Systems and Internal Audit Workflows" to reinforce the execution capability of corrective actions. Concurrently, the Company publicly disclosed its compliance policies to further elevate compliance transparency and operational standardization. Through these initiatives, the Company realized closed-loop management for problem rectification, effectively boosting the operational efficiency and standardization of its internal control framework.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GB/T 35770-2022/ISO 37301:2021

Gokin Solar ISO 37301 Certification

Furthermore, the Company continuously advances supply chain compliance and product traceability management. Through rigorous supplier admission and dynamic evaluation mechanisms, the Company safeguards product compliance from the source and establishes an end-to-end traceable framework, further reinforcing its risk control capabilities across the entire value chain.

Data Security and Privacy Protection

Gokin Solar has constructed a robust data security and privacy protection framework supported by governance structure, institutional policy, technical safeguards, and continuous improvement. Utilizing a combination of designated specialists and senior executive oversight, the Company reinforces its full-lifecycle data management and risk prevention capacities, while leveraging training and emergency drills to elevate all-employee security awareness. Concurrently, the Company persistently advances compliance auditing and benchmarks against international standards to steadily enhance its data security management levels, providing a solid safeguard for stable operations and digital development. During the reporting period, the Company experienced zero major security incidents.

Governance Structure

The Company establishes dedicated professional positions for information security, with Information Security Engineers specifically responsible for the operational management of corporate information security. This scope encompasses critical responsibilities such as routine security maintenance, system vulnerability scanning, patch updates, risk verifications, and security incident response, ensuring the stable operation of various information systems and the effective execution of security protection measures. Concurrently, Gokin Solar has built a bottom-up information security management reporting mechanism. Information security operations are executed under the coordination of the Information Security Engineers, who regularly report on security operational status, hidden risk hazards, and rectification progress to the management layer. With the optimization and adjustment of the Company's organizational structure, overarching coordination for information security management has been upgraded from the former Chief Information Officer (CIO) to direct reporting lines to the Company's highest executive management layer. The primary corporate officers now personally oversee and drive information security initiatives, further reinforcing the strategic importance of information security within the Company's overall business management framework.

Institutional Construction

The Company has formulated and implemented core policies such as the *Regulations for Network Access Control Management*, the *Regulations for Account and Privilege Management*, the *Regulations for Network Security Management*, the *Software Copyright Compliance Management*, the *Incident Emergency Response Plan*, and the *Administrative Measures for Supplier Security Management*, explicitly defining management requirements for network access, privilege allocation, system security, and supply chain security. Concurrently, Gokin Solar has established privacy and data governance policies, including the *Administrative Measures for Personal Information Protection*, the *Compliance Audit System*, and the *Specifications for Data Classification and Grading*, enforcing standardized management across the full lifecycle of data collection, storage, utilization, and sharing to secure lawful, compliant, and traceable data processing activities.

Management Mechanisms

In terms of management mechanisms, the Company continuously reinforces its emergency response and privilege governance capacities. It has established a stratified emergency response process, ensuring that containment mechanisms are activated within 30 minutes of any sudden security incident. Account and privilege management are strictly executed based on the "Principle of Least Privilege," classifying and grading corporate data into four distinct levels: Public, Internal, Confidential, and Top Secret, while conducting annual privilege reviews to secure the rationality and compliance of privilege configurations. During the reporting period, utilizing a combination of automated system scans and manual inspections, the Company executed over 2 million cumulative information security checks, continuously identifying and rectifying potential risk hazards to steadily elevate its data security management standards.

Management Initiatives

Tailored to the distinct characteristics of photovoltaic manufacturing, the Company implements stratified and zoned controls over core process data from mono-silicon pulling and wafer slicing, reinforcing its protection capabilities for critical data. Industrial control systems (ICS) and office networks are strictly isolated to mitigate security risks within production systems. Concurrently, the Company enforces unified management over office terminals, deploying technical solutions including encryption, data masking, and Data Loss Prevention (DLP) to effectively mitigate data leakage risks and elevate overall information security defenses.

In terms of training and exercises, the Company has constructed a regularized mechanism for boosting security awareness, executing monthly data security and privacy protection training sessions for all staff. This curriculum covers critical content including phishing email identification and data protection specifications, continuously reinforcing employees' risk prevention consciousness and operational standardization. Furthermore, the Company organizes cross-departmental emergency drills on a quarterly basis, covering typical threat scenarios such as ransomware infections and data breaches, effectively elevating organizational-level emergency response and collaborative mitigation capabilities.

Information Compliance

The Company completed its inaugural personal information protection compliance audit in May 2025, achieving a 100% issue rectification rate, thereby securing the demonstrability and traceability of privacy processing activities. Moving forward, the Company will steadily advance its information security management system development, with plans to obtain the ISO 27001 Information Security Management System certification and the ISO 27701 Privacy Information Management System certification in 2026. Concurrently, Gokin Solar will explore the application of Zero Trust security architectures within its R&D and production environments, utilizing continuous verification and dynamic authorization mechanisms to further elevate its data security protection standards and risk response capabilities.

04 Superb

Pursuing Excellence and Consolidating High-Quality Operations

Gokin Solar positions exceptional product quality and ultimate service experience as its core competitiveness and the lifeline of sustainable growth in the global PV market. By establishing an industry-leading quality governance framework and a closed-loop "Five-Step Demand Transformation" service system, the Company enforces rigorous standards from raw materials and manufacturing to finished products. Embracing responsible marketing and technical empowerment, we capture climate transition opportunities to drive business growth. Through unwavering quality and strict risk control, we safeguard customer trust, securing a firm foundation for strategic leadership and value chain win-wins."

This Chapter Responds to

GRI Sustainability Reporting Standards (GRI Standards)

- GRI 2: General Disclosures 2021
- GRI 416: Customer Health and Safety 2016

Self-Regulatory Guidelines No. 17 for Companies Listed on Shenzhen Stock Exchange – Sustainability Report (For Trial Implementation)

- Product and Service Safety and Quality

Material Topics

- Customer Relationship Management
- Product Quality and Safety

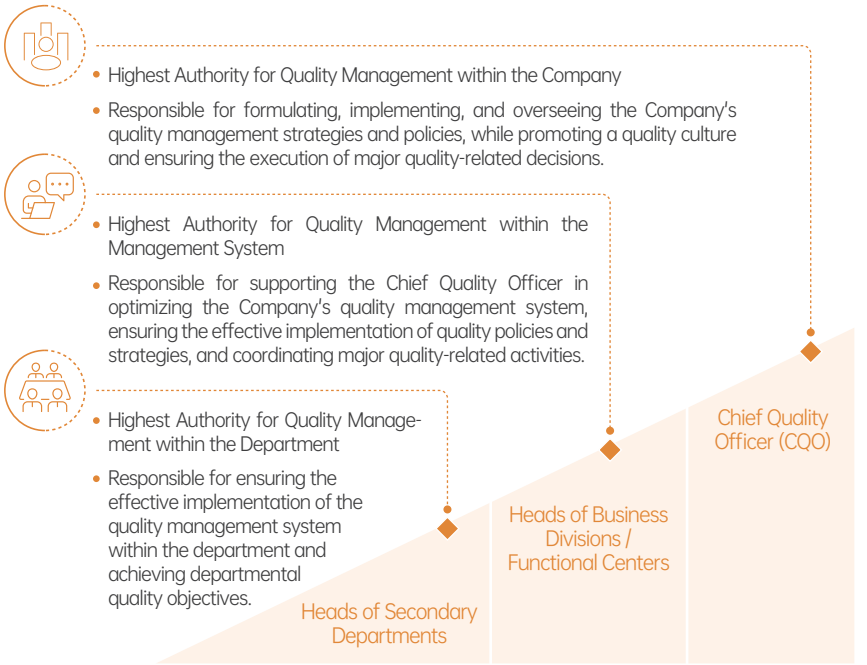
Product Quality and Safety

The Company regards product quality and safety as the cornerstone of its long-term development and a fundamental responsibility to its stakeholders. Guided by its strategic objective of maintaining industry leadership, the Company operates a robust quality management framework that secures a premium operational baseline by synchronously upscaling inbound materials, inline manufacturing, final products, and systemic compliance. Strictly complying with national and industrial quality standards, Gokin Solar continuously refines its internal control mechanisms — such as the *Procurement Management Procedure*, the *Production Process Control Procedure*, and the *Non-conforming Product Management Procedure* — embedding rigorous quality gates across the entire lifecycle, from vendor onboarding to final product shipment. Leveraging proactive risk identification, early-warning capabilities, and meticulous closed-loop improvement loops, the Company continuously enhances product reliability and safety, dedicated to delivering high-value green energy solutions characterized by "Verified Power Output and Guaranteed Delivery" to support its steady growth amid complex market dynamics.

Governance

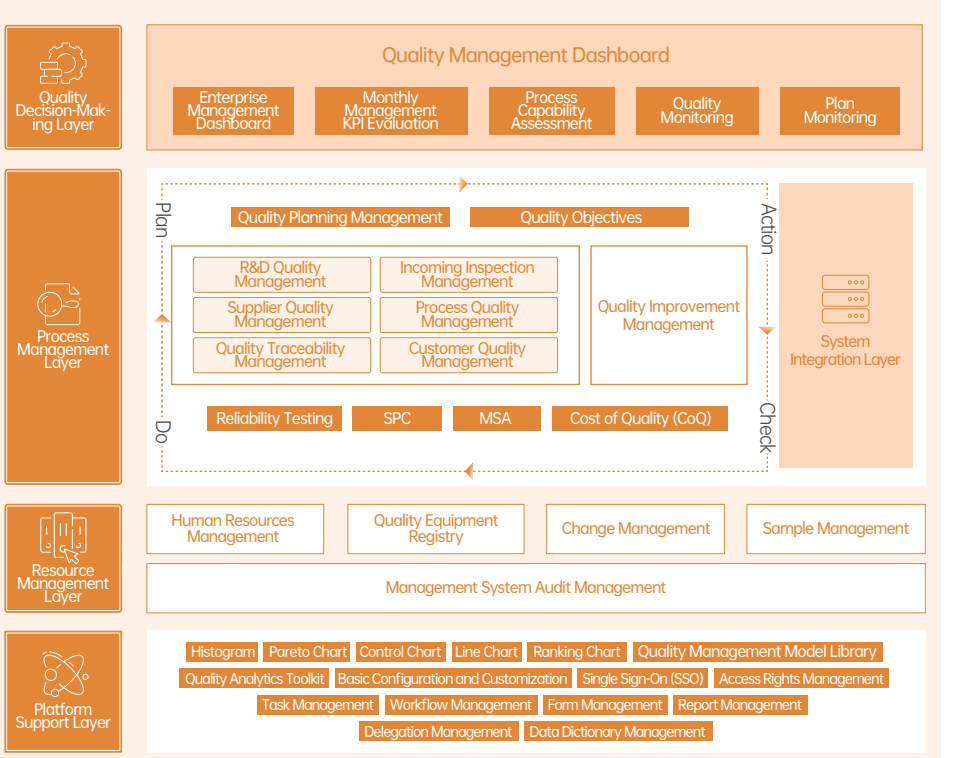
Efficient Quality Management Organization – Establishing a Quality-Led Operating Model

Guided by the objective of "Quality First," Gokin Solar has established a distinct quality management model where quality governs operations. The Chief Operating Officer (COO) is appointed as the Chief Quality Officer (CQO), creating a top-down quality governance structure with well-defined, cascading responsibilities. This ensures that quality-related duties are transparently integrated into and effectively executed across all departments and functions.



Quality-Led Operational Quality Management Framework

Based on this organizational structure, the Company has fully implemented a Total Quality Management (TQM) approach. The framework is systematically organized into four core layers: the Platform Support Layer, Resource Management Layer, Process Management Layer, and Quality Decision-Making Layer. Together, these layers form a comprehensive, multi-tiered quality management system that enables the effective implementation of quality initiatives across the organization.



Comprehensive Quality Management System Overview

Quality First, Continuous Improvement: Building a Responsible Supply Chain Quality Management System

Guided by its quality policy of "Craftsmanship, Excellence, and Continuous Improvement," Gokin Solar places customer needs at the center of its quality management approach. The Company strictly complies with applicable laws and regulations, including the *Product Quality Law of the People's Republic of China*, and has established a comprehensive set of quality management documents, including the *Management Manual, Inspection Management Procedure, Non-conforming Product Management Procedure, Customer Service Management Procedure, and Monitoring* and *Measuring Equipment Management Procedure*.

The Company is fully committed to implementing international quality management standards. As of the end of the reporting period, 100% of its manufacturing bases — including the headquarters, Zhuhai, Yibin, Xi'ning, and Guangzhou — had successfully obtained the ISO 9001:2015 Quality Management System certification, spanning the entire business chain across R&D, production, and sales. During the reporting period, the Company achieved a 100% timely response rate to customer complaints, with zero major quality incidents. Both product yield rates and customer satisfaction levels successfully met annual targets, demonstrating the continuous and effective operation of the quality system.

Quality Management System Certification Certificates of Gokin Solar's Four Production Bases


ISO 9001 Quality Management System Certificate


ISO 9001 Quality Management System Certificate – Jinwan Gokin


ISO 9001 Quality Management System Certificate – Qinghai Gokin

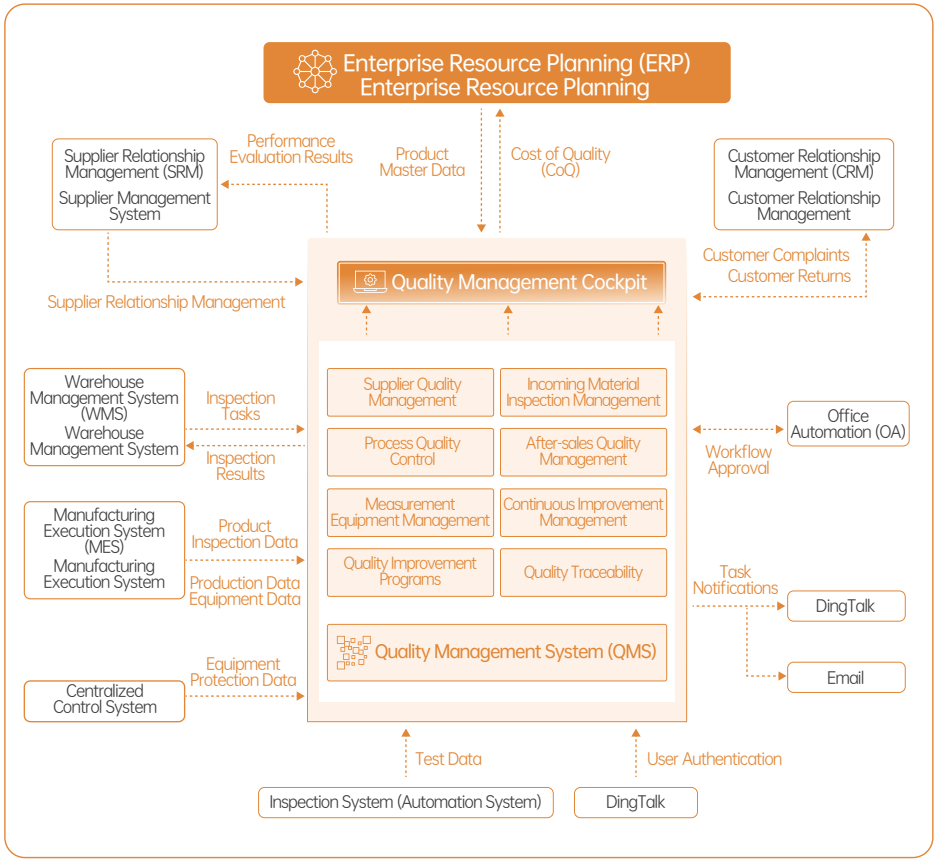

ISO 9001 Quality Management System Certificate – Sichuan Gokin


ISO 9001 Quality Management System Certificate – Guangzhou Gokin


IEC TS 62941 Certification Certificate – Guangzhou Gokin

Digital Quality Management Integration – Building a Data-Driven Quality Management System

By uniting total quality management with smart manufacturing technologies, Gokin Solar has forged a digital and intelligent "Total Quality Management Digital System." This framework effectively weaves six major systems — including WMS, MES, CRM, and SRM — into every stage of management. Leveraging these informational infrastructures, the Company links the entire business chain across engineering, procurement, production, inspection, warehousing, and logistics, enabling robust quality data collection and analysis while making the whole quality-creation process transparent and visual. Furthermore, the extensive deployment of the MES system digitalizes the end-to-end traceability workflow, allowing for precise quality tracking, guaranteeing 100% product traceability, and reinforcing product safety throughout the entire life cycle.



Overview of QMS Coverage Across the Product Lifecycle

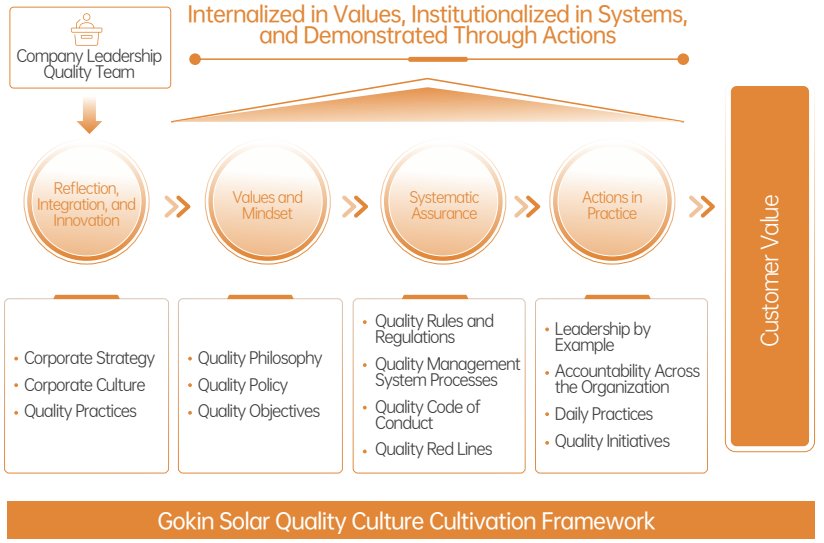
Strategy

Gokin Solar consistently focuses on its strategic goal of "Sustained Industry Leadership," driving synergistic improvements across material sourcing, manufacturing processes, end-products, and management systems to reinforce its quality foundation. In the next phase, the Company will remain steadfastly committed to its "Quality First" objective, strategically reorganizing quality resources and deploying them further upstream. This shift will pivot our management approach from a "defensive" model to an "offensive" one. Through horizontal and vertical cross-functional alignment, we will unify internal operational capabilities to tackle modular bottlenecks, fundamentally resolving persistent technical and operational challenges.

To ensure the high-efficiency execution of our quality roadmap, we place "information infrastructure" and "quality issue remediation" as our core drivers. While enacting practical, feasible measures, we will deliver explicit action plans paired with regular review mechanisms to ensure full implementation. Furthermore, by dual-tracking internal and external efforts, we will precisely capture customer demands, continuously stockpile market-leading solutions, and champion internal quality breakthroughs. These initiatives will comprehensively elevate our overall quality governance, secure our position as "Quality No.1," and instill solid certainty into the realization of our core corporate strategy.

Special Feature Gokin Solar's Distinctive Quality Culture Framework

Gokin Solar has always embraced a modern approach to development, taking it as its mission to bring greater welfare to humanity through solar energy, while positioning customer-centricity as its core principle. By mobilizing five strategic pillars — quality control, technological innovation, smart manufacturing upgrades, lean management, and corporate culture development — the Company coordinates its strengths to execute a holistic quality blueprint. These combined efforts allow the Company to build on industry heritage while spearheading innovative growth, marking a significant milestone in the photovoltaic wafer sector. Driven by rapid executive responsiveness and cross-departmental synergy, Gokin Solar builds its quality culture framework through a three-pronged approach: embedding cultural values, reinforcing behavioral codes and regulations, and executing targeted quality initiatives.



Gokin Solar Quality Culture Cultivation Framework

From 2022 to 2025, Gokin Solar organized its annual Quality Month campaign during China's National Quality Month for four consecutive years, with each campaign lasting one month.

Year	Theme	Event Highlights (Left: Kick-off Meeting Group Photo; Right: Recognition Ceremony Group Photo)
2022	Uphold Process Standards, Deliver Products of Excellence	 
2023	Strengthen Quality Foundations and Enhance Service Excellence	 
2024	Foster a Culture of Quality, Strengthen Quality Awareness, Elevate Quality Performance, and Enhance Customer Satisfaction	 
2025	Strengthen Awareness, Enhance Capabilities, Deliver Excellence	 

Impact, Risk and Opportunity Management

Gokin Solar attaches great importance to managing quality risks and operational opportunities across all business workflows. The Company integrates proactive risk forecasting, compliance oversight, and efficiency optimization into its sustainable development governance framework. Strictly following our internal *Risk and Opportunity Control Procedure*, we have institutionalized a standardized, closed-loop management mechanism to systematically identify, evaluate, and counter potential impacts, risks, and growth opportunities within manufacturing and quality operations, solidifying a stable foundation for the enterprise.

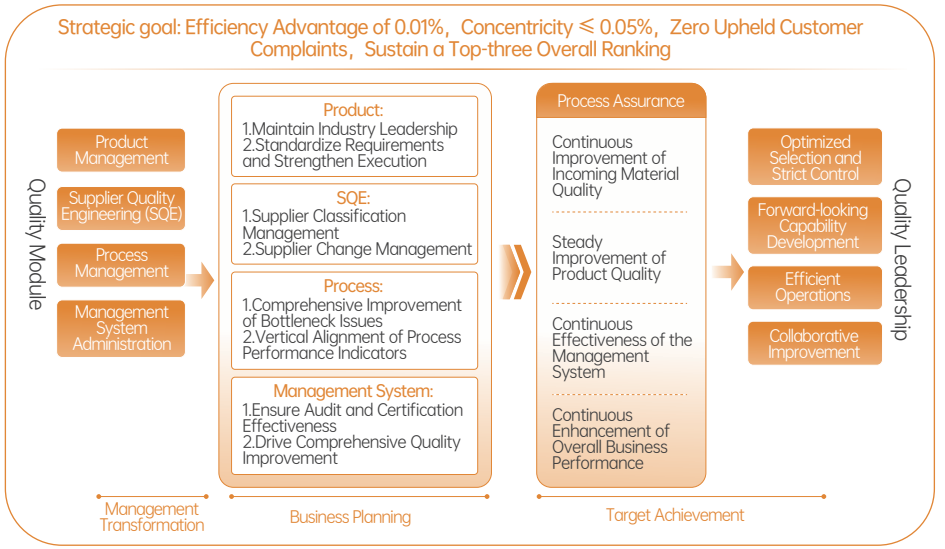
To back this quality defense, our *Non-Conforming Product Management Specification* orchestrates a seamless sequence of identification, quarantine, logging, and reporting. This strict line of defense stems the flow of substandard goods at the source, giving us total quality oversight from raw inputs and in-process materials to final outputs. Furthermore, the immediate deployment of the 8D problem-solving methodology for critical quality issues guarantees that our teams track down the ultimate root cause and successfully deliver permanent corrective actions.

Identification of Specific Risks and Opportunities within Gokin Solar's Quality Management System

Major Risks / Opportunities (Key Process)	Potential Impact on the Company	Management Measure
Management of Change Process	• Engineering changes were not communicated to relevant departments in a timely manner. • Inadequate validation of engineering changes leads to post-change non-conformities. • Order modifications fail to trigger immediate on-site corrective actions.	Digitalized Closed-loop Change Management: All change requests are initiated through our online system, which automatically dispatches change notices to relevant departments (including procurement, manufacturing, quality, and warehousing) based on predefined rules. By enforcing a mandatory sign-off and confirmation workflow, the system halts the change process if any department fails to acknowledge the notice, ensuring zero omission in critical information delivery. Tiered Change Verification & System Lock: A tiered validation mechanism is enforced based on impact severity. Major changes require mandatory system logging of risk assessments, sample testing, and batch stability checks. Upon approval, the system automatically locks process files and BOM versions to block obsolete documents on the shop floor. Integrated Order Change Control: Order updates trigger automated adjustments across production schedules, material kitting, and routing. The system instantly generates an impact analysis report to flag affected work-in-progress and inventory, pushing actionable disposal remedies to guarantee synchronized on-site execution.
Product and Service Release Process	• Required inspection and testing activities were not completed in accordance with established standards, resulting in non-conforming products being delivered to customers. • Non-conforming products were not identified, segregated, or controlled in a timely manner, resulting in defective products being mixed with conforming products and released to customers. • Delayed after-sales response resulted in an increase in customer complaints.	System-enforced Release Authorization Controls: Product release inspection plans are configured within the QMS, requiring all inspection and testing results to be entered into the system and verified as compliant before release authorization is automatically granted. If required inspections are incomplete or results fail to meet acceptance criteria, the system automatically blocks shipment authorization, ensuring a "compliance before release" control mechanism. Digital Isolation & Scan-to-Trace: A unified labeling protocol utilizes QR codes / barcodes across raw inputs, WIP, and finished goods to embed batch numbers, testing status, and routing data. Once a defect is logged, the system triggers a quarantine status and locks all transfer permissions for that batch, enabling scan-to-trace verification to prevent mixed stock escapes. Closed-Loop Post-Sales Service Governance: A time-bound response framework (e.g., the "0135" protocol) is enforced. Complaints logged in the QMS automatically assign owners with timeline reminders and an automated escalation path for overruns. All root-cause analyses and corrective actions are fully auditable in the system, with regular exports of satisfaction metrics to feed continuous improvement.
Monitoring and Measuring Equipment Management Process	• Measuring and monitoring equipment was not calibrated according to the prescribed schedule, resulting in inaccurate inspection data and the potential release of non-conforming products to the market. • Calibration and metrological verification of measuring instruments, equipment, or reference standards could not be performed as planned due to disruptions in services provided by external calibration suppliers arising from unforeseen events.	Full-Lifecycle Digital Equipment Interlocks: A digital registry within the QMS tracks asset IDs, cycles, dates, and operational status to generate automated annual calibration calendars. Overdue equipment is locked and tagged as "Disabled," blocking data entry for production or inspection. Critical assets employ a dual-calibration model, cross-referencing internal golden-car check-ups with third-party calibrations to guarantee consistency. Metrology Vendor Redundancy & BCP Readiness: A multi-vendor resource pool is managed; vendor anomalies trigger alternative supplier routing (minimum of 3 qualified backup labs) to maintain continuity. Simultaneously, the QMS enforces intermediate check-up plans, deploying validated internal checks on critical equipment temporarily lacking external service to suppress data distortion risks.

Metrics and Targets

Gokin Solar remains firmly committed to its "Quality First" principle. By optimizing management priorities and strategically allocating resources based on operational needs, the Company continues to strengthen quality performance and advance its goal of achieving industry-leading quality excellence.



In 2025, the Company achieved industry-leading performance and significant optimization across multiple core quality indicators:

Incoming Material Performance	In 2025, the incoming material acceptance rate reached 99.34%, representing a 0.94% YoY increase compared to 2024.
Abnormal Loss Rate	The abnormal loss rate was successfully contained at 0.7%, hitting the annual target and decreasing by 0.19% YoY against 2024.
Manufacturing Efficiency	The product efficiency variance was consistently maintained within 0.02%, firmly securing our position in the industry's tier-one bracket.
Customer Evaluation	Gokin Solar successfully ranked among the top three across all three major customer-side indicators in 2025. Both the customer complaint rate (0.28 incidents per 100 million pieces) and the lot rejection rate (0.03%) outperformed the designated KPI targets.

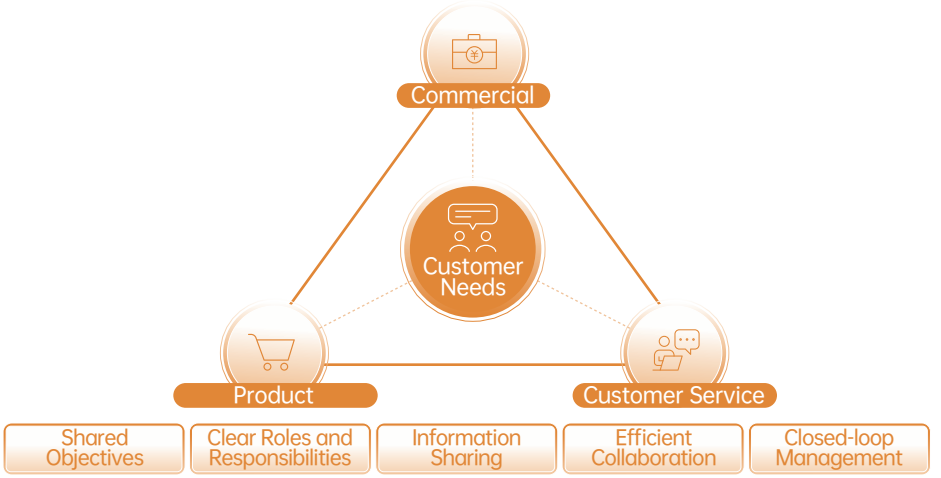
Cumstomer Service

Gokin Solar remains grounded in delivering ultimate customer value, dedicating its efforts to building a compliant, transparent, and highly resilient customer service and communication framework. Upholding the philosophy of responsible marketing, the Company thoroughly weaves compliance, integrity, and green sustainability into the entire marketing lifecycle. Driven by our proprietary "Five-Step Demand Transformation" methodology and an end-to-end service accompaniment mechanism, we precisely capture and efficiently address the diverse requirements of global clients. Through structured, periodic customer satisfaction surveys followed by targeted closed-loop remediations, the Company continuously refines its post-sales efficiency and delivery experience—aiming to build a shared value community through professional enablement and secure long-term win-win success with downstream partners.

Governence

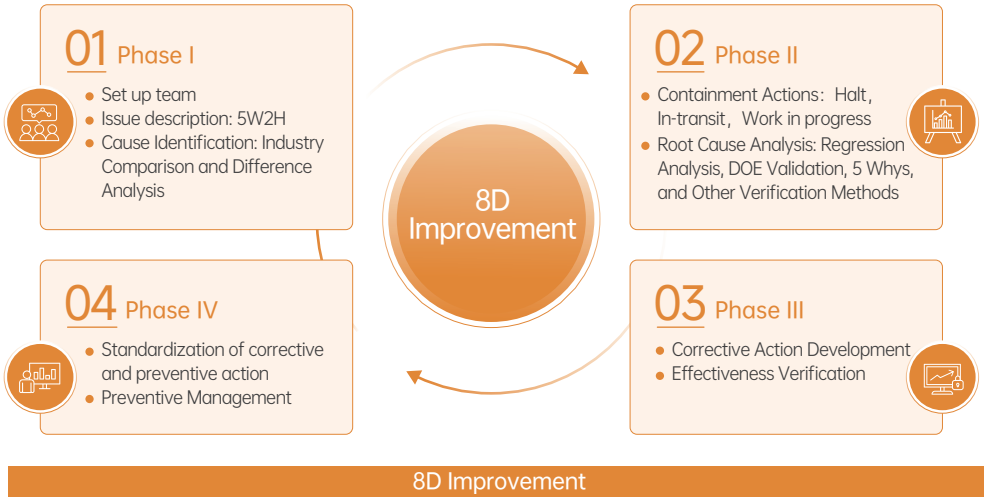
Gokin Solar strictly operates on the guiding principles of "centering on customer value, anchoring compliance and integrity as the absolute baseline, implementing green sustainability throughout its operations, and securing full-lifecycle value chain responsibility as its baseline guarantee." This ethos deeply integrates with the Company's broader brand manifesto—"Achieving Excellence by Uniting Strengths, Crowning Collective Success, and Enriching the Common Good." Governed by institutional customer relationship management protocols, such as the *Customer Service Management Procedure*, the *Customer Complaints Management Regulation*, and the *Customer Satisfaction Management Regulation*, Gokin Solar has mobilized an agile "Golden Triangle" Taskforce. Led by the Commercial Division and integrated with Product Management and Customer Service elites, this cross-functional squad multi-dimensionally identifies client specifications to deliver high-tier, tailored solutions.

"Golden Triangle" Collaboration Team



During the reporting period, the Company established 8 regional customer service interfaces across domestic markets — including Zhejiang, Jiangsu, Sichuan, Anhui, and Guangdong — as well as international markets covering Southeast Asia, South Asia, and Europe. Service personnel are stationed long-term within their respective regions to reinforce customer connections and secure rapid response to demands. All employees cross-functionally engage from R&D and production to sales and after-sales service to thoroughly understand and fulfill customer requirements. Concurrently, leveraging the deployment and application of the Customer Relationship Management (CRM) system, the Company integrates customer data to perform customer segmentation and profiling, realizing precision marketing and personalized service to further elevate customer satisfaction.

Regarding customer complaint handling, the Company strives to construct a rapid-response mechanism, assembling dedicated after-sales service "Iron Triangles" tailored to specific customer accounts. Operational response timelines are strictly controlled via the "0135 Principle," and all customer complaint issues are processed utilizing the 8D methodology to rapidly identify root causes and execute long-term corrective solutions.



Strategy

Gokin Solar is committed to evolving from a product delivery model to a value delivery model, creating long-term value for customers through professional expertise, technical support, and collaborative partnerships.

Five-Step Demand Conversion Methodology

The Company adopts a closed-loop, five-step approach consisting of Demand Identification, Demand Conversion, Demand Fulfillment, Demand Verification, and Demand Satisfaction, transforming customer requirements regarding product performance, service quality, and product quality into research and development and manufacturing standards.

Demand Identification	The Company gathers and understands customer expectations and requirements through multiple channels and approaches, including the Commercial Center, Customer Service, and Product Center, and develops a Customer Requirements Analysis Form.
Demand Conversion	Based on the market requirements identified in the *Requirements Analysis Form*, R&D personnel translate customer needs into product requirements through system design and develop a *Product Specification* in accordance with relevant technical standards.
Demand Fulfillment	Based on the product specification requirements, R&D personnel develop technical product solutions and process design plans to realize product requirements. The Company subsequently organizes technical expert reviews to evaluate the development outcomes.
Demand Verification	R&D personnel work together with process engineers to conduct pilot production and pilot production reviews to verify that product requirements have been met. When necessary, customers may be invited to participate in product development activities or conduct product validation at their sites.
Demand Satisfaction	Upon completion of demand verification, the Company transfers the technical solution to relevant functions, releases the product, and formally enters the product delivery process to meet market demand.

Value-based Marketing

Adhering to its quality philosophy of "Pure Source, Clean Flow", Gokin Solar implements a "True Power" delivery system, with product performance 100% aligned with certifications issued by authoritative third-party institutions, including the China National Institute of Metrology (NIM) and TÜV Rheinland. By leveraging technology and quality rather than competing on price, the Company helps safeguard customers' long-term returns through optimized Levelized Cost of Electricity (LCOE) performance.

Impact, Risk and Opportunity Management

Gaojing Solar Energy has thoroughly identified the risk factors in the downstream of the value chain regarding customer communication, delivery guarantee, and response mechanisms. By establishing an efficient service system, it has transformed the risk of customer loss into an opportunity for long-term trust.

Risk / Opportunity Type	Potential Impact	Management Measures and Action Plans
Customer Attrition and Reputational Damage Due to Delayed Response	Inadequate customer complaint handling mechanisms or slow response times (e.g., extended replacement or replenishment lead times) may directly affect customer satisfaction and order stability, and could potentially result in legal claims.	Approval Process Optimization: Implement tiered approval procedures for batch compensation cases and introduce approval exemptions for minor compensation claims, significantly reducing after-sales response times. Localized Technical Support: Establish a "24-hour on-site response" mechanism for major customer complaints, enabling proactive investigation and resolution of quality issues.
Order Breaches and Compensation Costs Resulting from Delivery Defects	Inadequate transportation protection (e.g., contamination or microcracks upon delivery) or delays at critical delivery stages may lead to failed customer inspections, increased logistics compensation costs, and product returns.	Logistics Improvement Initiatives: Optimize transportation routes for specific customers and strengthen packaging protection measures to reduce contamination and damage rates during transit. End-to-End Customer Requirement Closed-loop Management: Establish a comprehensive mechanism to ensure customer requirements are accurately communicated and promptly addressed throughout the value chain.
Increasing Customer Demand for Green and Low-carbon Products	Global markets, particularly export-oriented customers, are imposing increasingly stringent requirements regarding ESG compliance, product lifecycle carbon footprint traceability, and renewable energy attributes. Failure to meet low-carbon product standards may result in lost orders and reduced market competitiveness.	Meeting ESG Requirements of Export-oriented Customers: Enhance order competitiveness through integrated solutions combining photovoltaic products and Green Electricity Certificates (GECs). Dual-driver Model of Renewable Energy and ESG: Establish a "Renewable Energy + ESG" approach to enable carbon footprint traceability and align with certification requirements of authoritative institutions such as TÜV Rheinland.

Metrics and Targets

Service Performance

In 2025, the Company achieved a **100%** first-pass success rate for new customer onboarding. In evaluations conducted by key customers, the Company continued to rank among the top tier of suppliers.

2026 Plan

Under its "5221" strategy, the Company will shift its management focus by allocating **50%** of quality management resources to front-end customer service activities, while further enhancing internal quality improvement and breakthrough initiatives.

05 Innovation

Upholding Integrity and Advancing with Determination

Gokin Solar pioneers high-quality corporate growth through the dual-wheel drive of innovation and digitalization, fostering a new data-driven and intelligently coordinated development paradigm. Focusing on critical areas — including R&D, talent incentive mechanisms, intellectual property protection, and industry collaboration — the Company continuously refines its systematic innovation framework. Powered by advanced digital and informational infrastructure, we comprehensively upgrade our business workflows, manufacturing models, and management systems. This open, collaborative, and continuously iterative ecosystem reinforces our core competitiveness and strategic resilience, securing a solid foundation for long-term sustainable development.

This Chapter Responds to

GRI Sustainability Reporting Standards (GRI Standards)

- GRI 203: Indirect Economic Impacts 2016
- GRI 404: Training and Education 2016
- GRI 418: Customer Privacy 2016

Self-Regulatory Guidelines No. 17 for Companies Listed on Shenzhen Stock Exchange – Sustainability Report (For Trial Implementation)

- Innovation-Driven Development
- Data Security and Customer Privacy Protection

Material Topics

- Technological Innovation and Intellectual Property Protection
- Human Capital Development

R&D Excellence and Innovation

Gokin Solar remains committed to innovation-driven, high-quality development, positioning technological advancement and industry collaboration as key drivers of growth. The Company has systematically established a comprehensive innovation framework that encompasses its R&D system, talent development mechanisms, the commercialization of innovation outcomes, and intellectual property protection. Guided by market demand and supported by breakthroughs in core technologies, Gokin Solar continuously strengthens its capabilities in integrating and allocating innovation resources, accelerating the transformation of technological strengths into industrial advantages and sustainable competitive advantages.

R&D and Innovation System

Gokin Solar remains committed to innovation-driven development and has established a systematic and sustainable R&D and innovation system guided by the overarching principles of vision-led development, institutional support, mechanism-driven innovation, and collaborative growth.

R&D Strategy and Innovation Philosophy

Gokin Solar has established its development philosophy on the principle of "Flowing Water Never Competes for First Place," emphasizing long-term value creation and sustained technological accumulation. Guided by its "4J" lean management philosophy — meticulous attention to detail, prudent cost management, dedicated operational excellence, and continuous pursuit of perfection — the Company strengthens cost control and enhances resource allocation efficiency. At the same time, Gokin Solar adheres to a market-oriented approach to innovation, promoting the deep integration of technological research and development with practical application scenarios.

The Company has adopted a "Specialization Plus" manufacturing strategy, focusing on its core strengths while building differentiated competitive advantages. While continuing to deepen its expertise in the silicon wafer segment, Gokin Solar has strategically expanded its downstream presence along the value chain. Through collaboration with industry partners possessing complementary strengths, the Company amplifies the benefits of specialized division of labor and creates greater value across the industry ecosystem. This strategy has fostered a virtuous cycle linking market feedback with technological innovation.

Technology Roadmap Focus

Establishing TOPCon as the foundation and BC technology as a key growth driver, the Company continues to develop a diversified technology portfolio.

Green and Low-Carbon Leadership

Guided by a full-life-cycle low-carbon manufacturing approach, Gokin Solar launched BC 1.0/1.1 and BC 2.0/2.1 all-black, full-screen modules in 2025, maintaining its position at the forefront of industry innovation.

R&D Management System

To support technological innovation and the commercialization of research outcomes, Gokin Solar has established a comprehensive R&D management system covering the entire innovation lifecycle, including R&D planning, project approval, experimental management, process control, project completion and acceptance, and commercialization of results. This framework establishes a standardized, closed-loop management mechanism to ensure efficient execution of R&D activities. Through cross-functional collaboration, the Company coordinates key resources, including personnel, funding, and materials, to facilitate the seamless transition of projects from initiation to implementation and commercialization. By strengthening collaboration among R&D, manufacturing, and market-facing functions, Gokin Solar ensures that technological innovations can respond rapidly to market demand and translate into practical productivity gains.

The Company's R&D Technology Center serves as the core entity responsible for R&D activities. It oversees project planning and initiation, technical solution design, experimental validation, process management, and the delivery of research outcomes. The Center is also responsible for the centralized management and archiving of technical documentation, experimental data, and R&D achievements. In addition, based on project requirements, the R&D Technology Center mobilizes internal resources and collaborates with universities and research institutions to promote industry-academia-research cooperation, fostering the integration of technological innovation with external expertise and resources.

To ensure the effective advancement of R&D activities, Gokin Solar has established a multi-departmental collaboration mechanism. The procurement department is responsible for securing raw materials and equipment required for R&D projects; manufacturing teams participate in pilot production and commercialization activities to facilitate the large-scale application of research outcomes; and supporting functions, including human resources, finance, and information technology, provide resource allocation, performance management, cost accounting, and system support, thereby enhancing the standardization and operational efficiency of R&D management.

To strengthen process governance, the Company conducts milestone reviews at key stages of the R&D process, including project initiation, laboratory-scale testing, pilot-scale testing, customer validation, and project closure. These reviews involve joint participation from R&D, process engineering, quality, manufacturing, and lean management teams, enabling dynamic monitoring of project progress and ensuring effective control over technology pathways, execution quality, and the commercialization of outcomes.

Gokin Solar also leverages its R&D Compliance Management System to advance the digitalization of R&D management. The system covers project initiation, progress tracking, change management, project closure, and personnel time management, enabling centralized management and real-time monitoring of R&D data. It also provides data support for optimizing R&D resource allocation and ensuring the compliant collection and management of R&D expenditures.

R&D Talent Development and Incentives

Gokin Solar remains committed to driving innovation through talent development. Guided by the overarching principles of fostering a strong corporate culture, empowering talent through effective mechanisms, and stimulating performance, the Company continuously enhances its R&D talent development and incentive system. By promoting the transformation of its R&D teams from a technology-support function to a value-creation engine, Gokin Solar provides a strong foundation for technological breakthroughs and sustainable innovation.

To ensure fair evaluation and effective motivation of R&D personnel, the Company implemented a "project-based management with strong incentives" performance management model in 2025. Under this approach, all R&D activities are incorporated into a project-oriented evaluation framework, with comprehensive assessments conducted across six key dimensions: project completion, contributions to cost improvement, patent achievements, retention of key talent, talent development outcomes, and managerial evaluations. To further stimulate innovation, the Company has established a range of incentive mechanisms, including rewards for cost-saving contributions, patent achievements, and breakthrough research in frontier technologies. In addition, Gokin Solar has developed a flexible, multidimensional recognition system featuring awards for improvement proposals, patents, project achievements, and outstanding employee incentive travel programs. These initiatives reinforce a results-oriented, value-driven culture, encouraging R&D personnel to pursue continuous innovation and excellence.

Gokin Solar R&D Talent Assessment and Incentive Framework

Six Evaluation Dimensions for Project-Based Performance Assessment	Project Completion	Retention of Key Talent
	Contribution to Cost Improvement	Number of Talents Developed
	Patent Achievements	Managerial Evaluation
Diversified Incentive Mechanisms	Cost Improvement Contribution Incentives	Special Incentives for Frontier Technology Breakthroughs
	Patent Incentives	
Comprehensive Reward System	Improvement Proposal Award	Project Achievement Award
	Patent Award	Outstanding Employee Incentive Travel Program

In terms of intellectual property incentives, Gokin Solar has established the *Patent Reward Management Measures* and implemented a tiered incentive framework covering patent application rewards, patent authorization rewards, and commercialization benefits. Incentives are provided to R&D personnel for invention patent applications, invention patent grants, and utility model patent authorizations. In addition, patent achievements are directly linked to professional title evaluations, career advancement opportunities, and employee recognition programs. These measures have significantly enhanced employees' enthusiasm for innovation and strengthened awareness of patent creation and intellectual property development.

Gokin Solar places great emphasis on developing R&D talent. The Company has established a "T-shaped" talent framework that emphasizes both deep professional expertise and cross-disciplinary capabilities. To support talent development, Gokin Solar has adopted a three-dimensional training model consisting of 70% practical experience, 20% knowledge transfer, and 10% structured learning. Through the integration of project-based practice, the accumulation of technical knowledge, and systematic training, the Company continuously enhances the comprehensive capabilities of its R&D teams.

At the same time, Gokin Solar continues to advance its "SiHe Program," a long-term strategic talent pipeline initiative. The program includes two flagship talent development tracks, "Si-STAR" and "He-STAR," providing recent graduates with career development opportunities across the entire value chain, from research and development to sales. Through these programs, the Company is committed to cultivating highly skilled professionals with forward-looking mindsets who can grow alongside the Company and contribute to its long-term innovation and development.

Gokin Solar's "T-Shaped" R&D Talent Framework

Breadth	Depth
Knowledge across multiple disciplines, including equipment, data analytics, process engineering, and quality management	Deep expertise in specialized fields such as crystal growth and wafer slicing

In terms of talent development and retention, Gokin Solar continues to enhance its career development pathways and promotion mechanisms, establishing a results-oriented growth framework that strengthens employees' career expectations and sense of professional achievement. At the same time, the Company improves talent retention and engagement by optimizing compensation structures, strengthening incentive mechanisms, and fostering an open and collaborative organizational culture. These efforts contribute to the long-term stability, commitment, and sense of belonging of key R&D personnel.

To further strengthen the retention of R&D talent, the Company has implemented the following initiatives:

- Optimized compensation structures to enhance the market competitiveness of key R&D positions;
- Established clear career development pathways and promotion mechanisms to support long-term professional growth;
- Enhanced employees' sense of achievement and belonging through targeted incentive programs and innovation platforms;
- Fostered an open and collaborative team culture, reinforcing an organizational environment characterized by shared trust and strong self-motivation ("Mutual Trust and Strong Self-Drive").

Industry-Academia-Research Collaboration System and Research Platform Development in 2025

In 2025, Gokin Solar continued to enhance its industry-academia-research collaborative innovation mechanism and strengthen the development of research platforms, further consolidating the foundation for technological innovation.

Targeted Vocational Training

Gokin Solar enters into customized training agreements with photovoltaic vocational colleges to co-develop practical training bases. By launching tailored courses in module processing, equipment maintenance, and quality control, the Company harmonizes industry needs with education to secure a direct pipeline of technical talent.

R&D Platform Upgrades

The Company has advanced its internal Engineering Technology Research Center by integrating a new BC technology pilot-line platform, a low-carbon material R&D laboratory, and a module reliability testing facility, fully sharpening its end-to-end capabilities across research, pilot testing, and validation.

Targeted Talent Recruitment

Strategic priority is given to hiring graduates from partner institutions majoring in photovoltaics, materials, mechanics, and electricity. Supported by specialized development programs and clear career advancement paths, these initiatives build a resilient, high-caliber technical workforce.

During the reporting period

Gokin Solar employed a total of 872 R&D personnel. The retention rate of key talent within the R&D Technology Center reached 80%, demonstrating the Company's ability to maintain a stable core research team while continuously optimizing the structure and quality of its talent pool.

Case Study Skills Competition and Talent Identification

On April 29, 2025, the Company successfully hosted its 2nd Artisan Skills Competition under the theme of "Empowering Manufacturing through Craftsmanship, Creating Gokin's Glory." The tournament featured 17 major categories and 30 specialized disciplines, attracting a total of 547 employee registrants, and ultimately honoring 93 outstanding professionals as "Master Artisans." This competition serves not only as a platform for technical rivalry, but also as a critical channel for the Company to identify and elevate top-tier technical talents, securing a robust talent reserve to reinforce the development of Gokin Solar's scientific and research echelons.

R&D Innovation Advantages and Achievements

Gokin Solar remains committed to technological innovation as its core driving force for development. Guided by its technology strategy of cost reduction, speed enhancement, lifetime extension, and efficiency improvement, the Company continuously strengthens its capabilities in materials research, advanced technology development, process and equipment innovation, and quality improvement, establishing a strong technological advantage within the photovoltaic wafer industry. During the reporting period, Gokin Solar achieved systematic breakthroughs in key process optimization, equipment localization, and self-development, and product quality enhancement. These advancements accelerated the efficient commercialization and large-scale application of R&D achievements, enabling the coordinated improvement of both technological value and business performance.

Silicon wafer R&D

Gokin Solar's Wafer R&D Achievements in 2025

R&D Catagory	Achievement
Cutting Fluid Cost Optimization	Improved cutting fluid utilization efficiency through surfactant formulation optimization guided by molecular dynamics simulations, reducing unit consumption and enhancing cost management performance.
Main Roller Technology Enhancement	Advanced the validation and application of long-life main rollers, improving cutting efficiency and extending the service life of key equipment components.
Process Innovation Projects	Conducted process innovation initiatives focused on thinner wire applications and wear-resistant guide wheels, continuously improving production efficiency and cost competitiveness.
On-Site Critical Improvement Initiatives	Implemented process optimization and manufacturing control measures targeting key quality indicators such as wire marks, Total Thickness Variation (TTV), and thickness uniformity, further enhancing product quality consistency and stability.

Key R&D and Innovation Case Studies of Gokin Solar in 2025

Case Name	Innovation Description
Long-Life Main Roller	To address wear and degradation of main rollers caused by high-speed cutting operations and prolonged exposure to cutting fluids, the Company optimized roller materials and manufacturing processes, extending component service life while reducing procurement and maintenance costs.
Cleaning Efficiency Enhancement Project	By optimizing cleaning processes, the Company improved cleaning efficiency and enhanced wafer surface cleanliness. The project has entered the customer validation stage, and broader implementation will be promoted based on validation results.

Module R&D

Gokin Solar's Module R&D Achievements in 2025

Project Category	Project Name	Description and Benefits
Energy Efficiency Upgrades	Laminator Thermal Insulation Project	Improved the internal structure of laminator chambers to enable waste heat recovery and recirculation, significantly enhancing energy efficiency and operational performance.
Material Cost Reduction and Substitution	380EPE + 410EVA Encapsulant Cost Reduction Project	Reduced encapsulant consumption while maintaining high standards of module reliability and performance.
	Introduction of Float Glass Backsheets	Implemented without the need for major new equipment or civil engineering works, enabling rapid deployment with low investment and high returns. The project simultaneously improved product quality, reduced manufacturing costs, and enhanced market competitiveness, supporting product upgrades and long-term business development.
	Introduction of Composite Frames	Adopted integrated composite-material frames featuring lightweight construction, corrosion resistance, excellent electrical insulation, and controllable costs. The solution aligns with industry trends toward lightweight, high-weather-resistance, and high-safety products, providing a practical alternative to traditional aluminum frames.
Performance Enhancement Initiatives	TOPCon Module Power Improvement Program	Increased TOPCon module power output through material improvements, material upgrades, and process optimization based on existing product platforms.
	BC All-Black Module Color Consistency Improvement Project	Enhanced the appearance consistency of all-black modules, improving product aesthetics and market competitiveness.
	Development and Application of BC Copper-Aluminum Alloy Ribbon	Optimized ribbon mechanical properties and manufacturing processes while adjusting metal composition to reduce material costs and improve application performance.
Structural and Process Optimization	Junction Box Cost Reduction Project	Optimized solder spacing processes to reduce material consumption and labor costs.

In 2025, Gokin Solar's module R&D activities focused on key areas including N-type modules, BC technology, low-carbon manufacturing, energy-efficient equipment, and advanced materials. During the reporting period, the Company secured multiple new core patents, including both invention patents and utility model patents, covering the following key innovations:

- Lamination Tooling Structure and Laminator for Double-Glass All-Black Photovoltaic Modules
- Solder Paste Printing Screen and Printing Device for BC Modules
- Manufacturing Method for BC Full-Screen Photovoltaic Modules and BC Full-Screen Photovoltaic Modules
- Stringing Machine Unloading Mechanism and Manufacturing Method for BC Modules
- Camber Correction Mechanism for Interconnection Welding Machines, Its Application Method, and Photovoltaic Modules
- Printing Screen and Its Application
- Control Method, Control Device, Equipment, and Storage Medium for a Laminator
- Frame Corner Protection Structure and Frame Corner Protection Device
- Welding Device, Welding Method, and Application for Busbar-Free Photovoltaic Cells

Special Feature BC Technology Leadership – A Comprehensive Overview of Certifications and Real-World Applications

Technical Performance and Safety Protection

Gokin Solar's BC modules incorporate a patterned cell design that enables anti-shading capabilities and an automatic bypass function for hot spot risks, earning the world's first batch of Class A+ Anti-Shading Certification and Class A Fire Rating from TÜV Rheinland. Featuring a power temperature coefficient of -0.26%/°C, the modules significantly mitigate power generation losses in high-temperature environments. Having weathered rigorous extended tests — including 55mm hail impact, DH3000, TC600, and wind tunnel simulations — the products are backed by a 30-year power warranty, underpining maximum financial returns throughout the power plant's entire life cycle.

Gokin Solar BC Modules

Internationally Recognized Certifications

In February 2025, Gokin Solar's BC modules obtained IEC 61215:2021 and IEC 61730:2023 certifications. Integrating innovative processes such as copper electroplating, light-converting film, and 0BB (Zero Busbar) technologies, the products deliver a conversion efficiency exceeding 24.5% and a power output of up to 685W. Featuring key advantages including anti-PID, anti-LID, low degradation, and a low carbon footprint, these modules are highly suited for utility-scale power plants, commercial and industrial (C&I) distributed systems, and agrivoltaic applications."d photovoltaic systems, and agrivoltaic projects.

Demonstration Application: "Origin Flame" Collection for the 15th National Games

During the "Origin Flame" Collection mission for the 15th National Games, Gokin Solar's BC modules synchronized seamlessly with photovoltaic tracking brackets to forge a clean energy closed-loop spanning "light, electricity, and flame," powering the extraction of deep-sea combustible ice in the South China Sea. Facing acute shipboard space constraints and a strict mandate for zero structural modification, the project utilized prefabricated integrated components on container tops, paired with rotating tracking systems to optimize generation efficiency, guaranteeing full deployment on the research vessel within a single day. This milestone showcases the superior adaptability and reliability of BC technology under extreme, specialized conditions, offering a replicable green power blueprint for maritime research and deep-sea exploration.

Gokin Solar Photovoltaic Solar Tracking System

Product Portfolio Expansion

In addition to the BC series, the Company synchronously advances the R&D and application of the TOPCon FLAMINGO modules, creating a comprehensive clean energy product portfolio that spans multiple technology pathways. Gokin Solar successfully deployed a distributed photovoltaic project at Yibin Wuliangye Airport, driving the airport's transformation from a traditional "transportation hub" to a "green energy hub." While firmly upholding airport operational safety and functional mandates, the project captures underutilized spatial resources to enable on-site consumption of clean energy, effectively curbing operational carbon emissions. This practice embodies the Company's balanced wisdom of "inheriting heritage while driving innovation" within regional development, providing an exemplary blueprint for the green, low-carbon upgrading of transportation infrastructure.

Intellectual Property Protection

As a national-level "Specialized, Sophisticated, Distinctive and Innovative" enterprise focused on green photovoltaic energy, Gokin Solar consistently regards intellectual property protection as a cornerstone of technological innovation. In alignment with national policies and regulatory requirements governing intellectual property protection in the photovoltaic industry, the Company has engineered an integrated management framework structured around "strategic leadership, proactive deployment, risk containment, enablement through transformation, and ecosystem co-building." This full-chain intellectual property management architecture deploy systematic protection protocols to comprehensively back the R&D, innovation, and commercial scaling of core technologies — including N-type large-size wafers, as well as BC cells and modules — accelerating the Company's drive toward technological self-reliance and high-quality industrial advancement.

Robust Management and Governance Framework

Gokin Solar's intellectual property management system is headed by the Company's General Manager, who serves as the highest decision-maker for intellectual property operations to orchestrate long-term intellectual property strategies. This structure deeply integrates patent deployment, risk containment, and innovation incentives with the Company's R&D roadmaps, capacity building, and global expansion. Under this leadership, a dedicated intellectual property Department is established, mobilizing specialized professionals including certified patent attorneys, legal counsels, and overseas compliance specialists. Their expertise spans the full lifecycle of patent mining, deployment, examination, risk management, defense, and asset operations, realizing professional and granular intellectual property governance. During the reporting period, the Company successfully obtained the *Enterprise Intellectual Property Management Specification (GB/T 29490)* certification, and was successively honored as a "National Intellectual Property Advantage Enterprise" and a "2025 intellectual property Protection Star Enterprise," gaining authoritative recognition at both national and industrial levels.


监督审核合格通知书

Gokin Solar GB/T 29490 Intellectual Property Management System Certification Certificate

In response to the solar sector's fast-paced technological iteration, intense global competition, and high concentration of intellectual property risks, Gokin Solar has institutionalized over ten specialized policies. These include the *General Principles of intellectual property Management, intellectual property Control Procedures for R&D Projects, Measures for Patent Deployment and Application, Measures for intellectual property Risk Prevention* and *Rights Defense, Innovation Incentives and Patent Reward Systems,* and *Regulations on Trade Secret Protection*. Anchored by the *Intellectual Property Compliance Management Manual* and supported by multiple procedural documents, the Company weaves intellectual property controls across its entire operational lifecycle — spanning R&D initiation, technical breakthroughs, mass production, market sales, supply chain management, and global expansion — providing a closed-loop regulatory bedrock for technological innovation.

Comprehensive High-Value Patent Portfolio Development

Gokin Solar has institutionalized an R&D project initiation mechanism defined by "Patent Navigation First." During the strategic planning phases of core technological routes — including N-type wafer thinning and BC (Back Contact) cell modules — the Company concurrently executes global patent navigation and analytics. This framework comprehensively maps industry technology voids, intellectual property risk exposures, and innovation breakthrough nodes, thereby clarifying R&D directions and patent deployment strategies. By proactively mitigating redundant R&D investments and infringement liabilities, Gokin Solar successfully operationalizes a pre-emptive intellectual asset strategy where patent intelligence precedes product development.

Building on the Company's core technologies across the entire photovoltaic value chain — from polysilicon and monocrystalline silicon ingots to large-size silicon wafers, BC cells, and high-efficiency modules — Gokin Solar has established a multi-layered patent portfolio framework comprising foundational, core, and peripheral patents.

Wafer Segment	The Company has secured core invention patents covering key technologies, including large-size N-type wafer manufacturing, thermal field optimization for monocrystalline furnaces, ultra-fine wire slicing, and edge-modification technologies to enhance PID resistance. These innovations address critical industry challenges associated with wafer thinning, including mechanical strength, breakage rates, and power generation efficiency.
Cell Segment	Gokin Solar has developed a comprehensive patent portfolio around critical BC cell technologies, including dynamic online doping control, low-temperature passivation structures, bifacial power generation technologies, and copper electroplated gridline fabrication. These innovations significantly improve cell conversion efficiency and long-term reliability.
Module Segment	The Company has established a patent matrix covering mass-production technologies, including anti-warping interconnection welding for BC modules, busbar-free technologies, hotspot prevention and control, and high-reliability encapsulation solutions. These patents support the commercial-scale deployment of BC 2.0 modules and the continued enhancement of power output.
Green Manufacturing	Gokin Solar has also expanded its intellectual property portfolio in areas such as slicing wastewater recycling, intelligent monitoring of monocrystalline crystal growth, and low-carbon manufacturing processes. These green technology patents support the Company's ESG commitments and contribute to sustainable industrial development.

To support its growing global market penetration, Gokin Solar synchronizes its cross-border product deployment with rigorous PCT international filings and localized intellectual asset registration. This framework strategically focuses on core export destinations — including Europe, North America, Southeast Asia, and the Middle East — structuring a comprehensive worldwide intellectual property defense system that secures the Company's global commercial expansion and reinforces its freedom to operate.

Tiered Intellectual Property Training Programs

Gokin Solar has institutionalized a layered training framework to achieve full-spectrum intellectual property (IP) literacy across the entire organization:

- For Core R&D Teams: The Company regularly conducts dedicated workshops on patent mining, Freedom to Operate (FTO) searches, strategic patent deployment, and infringement risk circumvention, sharpening researchers' discovery capabilities and risk identification acuity.
- For Operational Teams (Manufacturing, Sales, and Procurement): Training focuses on fundamental IP principles, trade secret protection, and the early detection of infringement hazards.
- For Executive Management: Specialized seminars are directed at long-range IP strategy, corporate compliance governance, and overseas cross-border risk containment.

Simultaneously, the Company regularly dispatches full-time IP specialists to participate in national- and industry-level training programs. By forging long-term talent cultivation alliances with professional IP institutions, Gokin Solar continuously drives the upskilling and professional growth of its governance team.

Case Study Intellectual Property Training

In 2025, Gokin Solar deployed targeted training programs centered on IP protection and the commercialization of patent assets, continuously sharpening the IP awareness and practical competencies of its R&D personnel.

January

Gokin Solar conducted a patent fundamentals training program covering patent concepts, patent types, examination procedures, patent mining methodologies, and requirements for drafting technical disclosure documents. Through practical examples involving product structure optimization, process improvements, and functional innovation, the training guided R&D personnel in identifying patentable technological achievements and improved the quality and efficiency of converting technological innovations into patent assets through standardized technical disclosure document preparation.

February

Gokin Solar conducted a patent search and analysis training program focusing on search strategy development, extraction of search elements, application of classification codes and keywords, and the construction and optimization of search queries. Using representative case studies, the training introduced practical techniques such as synonym expansion, hierarchical term analysis, and IPC classification code application, enhancing employees' capabilities in patent searching, technical analysis, and risk identification. These efforts supported technology foresight, patent portfolio development, and the optimization of R&D directions.

Comprehensive Risk Prevention and Compliance Management

Tailored to the solar sector's high exposure to IP risks, the Company has institutionalized a full-lifecycle risk mitigation framework structured around "pre-emptive prevention, concurrent control, and post-event resolution." By firmly anchoring its operations to the IP compliance bottom line, Gokin Solar minimizes potential infringement exposure throughout the technical innovation process, effectively shielding the integrity of its R&D investments and milestone achievements.

Infringement Risk Management Throughout the R&D Lifecycle

Gokin Solar has established a three-tier intellectual property risk assessment mechanism to strengthen infringement risk management throughout the entire R&D process:

Before R&D project initiation	During the R&D process	Prior to commercialization and mass production
The Company conducts comprehensive patent novelty searches and FTO analyses, supported by dedicated risk assessment reports. These measures help ensure that proposed R&D activities do not fall within the scope of existing third-party patent protections, thereby avoiding unnecessary R&D investment and potential infringement risks.	Patent risk monitoring and assessments are carried out at key project milestones. Whenever technical solutions are modified or optimized, corresponding infringement risk analyses are conducted to identify potential issues and facilitate timely adjustments to technical approaches.	The Company performs a final comprehensive intellectual property risk review to verify that products can be launched with minimal infringement exposure. This process helps prevent intellectual property disputes at the source and safeguards the successful commercialization of innovation outcomes.

Supply Chain and Global Expansion Risk Management

In light of the highly collaborative nature of the photovoltaic supply chain, the Company has institutionalized an IP vetting mechanism for supplier onboarding. Gokin Solar explicitly integrates IP infringement liability clauses into procurement contracts for equipment and raw materials, while regularly conducting IP compliance training for core vendors to prevent the transmission of supply chain risks to the Company. To counter IP exposure in overseas markets, including trade barriers and Section 337 investigations, the Company has engineered an international IP early-warning mechanism. Partnering with professional overseas IP institutions, Gokin Solar maintains routine monitoring of patent regulations and industrial patent landscapes in target export nations, pre-screening products for export risks and mapping out risk-mitigation blueprints to guarantee the compliant execution of its global operations.

End-to-End Protection of Core Trade Secrets

For undisclosed core technical secrets — such as monocrystalline crystal pulling processes, BC cell passivation formulas, and critical equipment parameters — Gokin Solar has established a classified and categorized confidentiality management system. The Company delineates three levels of information security: Top Secret, Confidential, and Secret, executing strict lifecycle control protocols across the generation, storage, access, transmission, and destruction of sensitive data. Furthermore, non-disclosure agreements (NDAs) and non-compete covenants are universally signed with all exposed R&D personnel, executives, and external partners. To fortify secure areas, physical and technological countermeasures — including access controls, continuous surveillance, and data encryption — are deployed. Paired with regular trade secret protection training and specialized audits, these actions systematically prevent the leakage of core technologies to anchor the exclusivity of our technical innovations.

Rapid Response and Dispute Resolution Mechanism

The Company has instituted a rapid-response mechanism for IP rights enforcement. In coordination with the Zhuhai Intellectual Property Protection Center and elite legal firms, Gokin Solar has constructed a multi-tiered enforcement architecture that seamlessly integrates administrative protection, judicial recourse, and industry mediation. In response to malicious patent or trademark infringements and the theft of trade secrets, the Company instantly triggers enforcement protocols — utilizing administrative complaints and judicial lawsuits to decisively counter counterfeiting activities and shield its innovation achievements. Concurrently, adhering to the principle of mutual respect for IP rights, Gokin Solar appropriately addresses industry IP disputes, defusing conflicts through legal and compliant avenues to cultivate a healthy environment for innovative competition.

Gokin Solar's Intellectual Property Protection and Training Performance in 2025

Patent Applications
228 Cases

Patents Granted
120 Cases

Invention Patent Applications
115 Cases

Invention Patents Granted
12 Cases

Invention Patents Applied in Core Business Operations
358 Cases

Intellectual Property Awareness and Training Sessions
14 Sessions

Participants in Intellectual Property Awareness and Training Programs
1200 Person

Promote industry development

Gokin Solar consistently assumes the responsibility of driving high-quality advancement within the photovoltaic sector. Actively executing its commitment to collaborative value-chain development, the Company harnesses standard-setting initiatives and industry exchanges as vital catalysts to systematically elevate industrial standardization and resource allocation efficiency. During the reporting period, the Company engaged deeply in industry governance and technological synergy, steadily amplifying its influence and strategic voice within global industry organizations.

Industry Associations Joined by Gokin Solar

Industry Association	Entity	Position Held
China Photovoltaic Industry Association	Gokin Solar Co., Ltd.	Vice Chairman
Guangdong Solar Energy Association	Guangzhou Gokin Solar Technology Co., Ltd.	Vice President
Sichuan Photovoltaic Industry Chamber of Commerce	Sichuan Gokin Solar Technology Co., Ltd.	Council Member

As of the end of the reporting period, the Company has actively participated in the formulation of two national standards — namely *GB/T 42789–2023 Test Method for Specular Gloss of Silicon Wafers* and *GB/T 35306–2023 Test Method for Carbon and Oxygen Content in Silicon Monocrystalline — Low Temperature Fourier Transform Infrared Spectroscopy* — as well as one industrial standard, *SJ/T 11926–2024 Product Carbon Footprint—Product Category Rules for Photovoltaic Modules*. Notably, the enterprise standards spearheaded by Gokin Solar successfully codify the Company's proprietary core patents and years of accumulated lean manufacturing expertise into universal industry benchmarks. By clearly defining critical product metrics, processing parameters, and verification methodologies, these frameworks successfully address long-standing regulatory voids within this specialized sector.

Gokin Solar's Standard Development Participation List

Standard Name	Standard Type
Determination of Carbon and Oxygen Contents in Silicon Single Crystals — Low-Temperature Fourier Transform Infrared Spectroscopy Method	National Standard
Test Method for Surface Gloss of Silicon Wafers	National Standard
Product Carbon Footprint — Product Category Rules for Photovoltaic Modules	Industry Standard
Requirements for Low-Carbon Product Evaluation — Photovoltaic Modules	Industry Standard
Solar Cell Monocrystalline Silicon Wafers	Enterprise Standard
Quality Grading and "Leader" Evaluation Requirements for Photovoltaic Silicon Wafers	Association Standard
Quality Grading and "Leader" Evaluation Requirements for Photovoltaic Silicon Ingots	Association Standard

Project Name	Remarks
Compilation of National Standards for Semiconductor Materials	Participated in Drafting
White Paper on Intelligent Photovoltaic Systems	Participated in Drafting

Throughout the standardization process, the Company collaborated a joint initiative uniting 12 core upstream and downstream enterprises along the value chain, alongside 3 prominent research institutions and universities. This collaborative framework fully synthesizes supplier manufacturing alignment, downstream customer application requirements, and frontier industrial technology trajectories, establishing a virtuous cycle of "technical innovation, standard codification, and industrial mainstreaming." The enforcement and deployment of these standards not only boost product qualification rates and supply chain synergistic efficiency across the sector, but also enshrine a definitive technical benchmark. This movement drives the standardized development of small and medium-sized enterprises (SMEs) within the value chain, significantly lowering cross-functional communication friction and quality-associated risks.

Positioning future-facing sectors as its strategic growth engine, Gokin Solar plans to pilot the drafting of upcoming national "Green and Low-Carbon" industrial standards. By exporting technical benchmarks, Gokin Solar aims to integrate innovation resources across the value chain and strengthen the synergistic linkage between technical patents and industry standards. This strategy not only wins the Company a decisive strategic voice and policy dividends in the market, but also drives the sector to build an orderly, collaborative, and mutually beneficial ecosystem — harmonizing corporate value with industry responsibility.

Additionally, the Company proactively embeds itself into high-level industry exchanges and technical symposiums. During the reporting period, Gokin Solar actively participated in prominent industry conferences and international forums, including the 2025 Photovoltaic Industry Annual Conference and the 2025 Global BC Tech Innovation Summit. Engaging deeply in strategic dialogues around global supply chain risk management, macroeconomic market trends, and frontier technological innovations, the Company steadily amplifies its technical leadership and brand recognition within the global renewable energy network.

Gokin Solar Industry Activities in 2025

2025 Annual Conference of the Photovoltaic Industry

Time : 2025.12.17

Main location : China Photovoltaic Industry Association

Theme : Risk Management and Security in Global Supply Chains;
Analysis of Development Opportunities and Challenges in the Photovoltaic Industry

2025 Global BC Tech Innovation Summit

Time : 2025.11.25

Main location : Aiko Solar Energy Co., Ltd.

Theme : BC technology

Digitalization and Information Technology Empowerment

In 2025, Gokin Solar continued to advance its digitalization and information technology transformation under its dual-driver development strategy, accelerating the transition from process-driven automation to data-driven intelligent operations. Building upon its established digital transformation roadmap, the Company further deepened the integration of information technology within its advanced manufacturing framework. This layout provides a robust, future-proof support system to fuel Gokin Solar's high-quality development and long-term sustainable operations.

Digital Strategy Upgrade: From Platform Development to Data Intelligence

Guided by its digital strategy, the Company steadily charts its developmental pathway through the sequential phases of "infrastructure deployment, cloud migration, intelligent collaboration, and data empowerment," gradually structuring an operational paradigm anchored by data as the core catalyst. Leveraging its existing software suite — including ERP, SRM, OA, and WMS — Gokin Solar has further augmented data integration and cross-functional workflow synergy. Through an intelligent business process middleware (BPM) engine, the Company has unlocked automated, standardized, and intelligent execution across its operational pipelines. Furthermore, the integration of advanced AI and data analytics has accelerated the transition of administrative decision-making from empirical intuition to data-driven intelligence, structurally sharpening organizational agility and resource allocation efficiency.

Digital Management Strategy

By leveraging AI capabilities to re-engineer administrative workflows, the Company operationalizes a dual-driven paradigm that synthesizes top-down strategic planning with bottom-up localized innovation. Through the deployment of an intelligent business process management engine, Gokin Solar has successfully achieved cognitive perception, autonomous decision-making, and dynamic optimization across its operational lifecycles.

Digital Manufacturing Strategy

To build a proprietary smart factory, the Company benchmarks against the national Reference Guidelines for Typical Scenarios of Intelligent Manufacturing (2025). Gokin Solar prioritizes developing capabilities such as digital twins and intelligent scheduling, driving the evolution of its manufacturing execution systems from "automated execution" toward "autonomous decision-making."

Management Structure

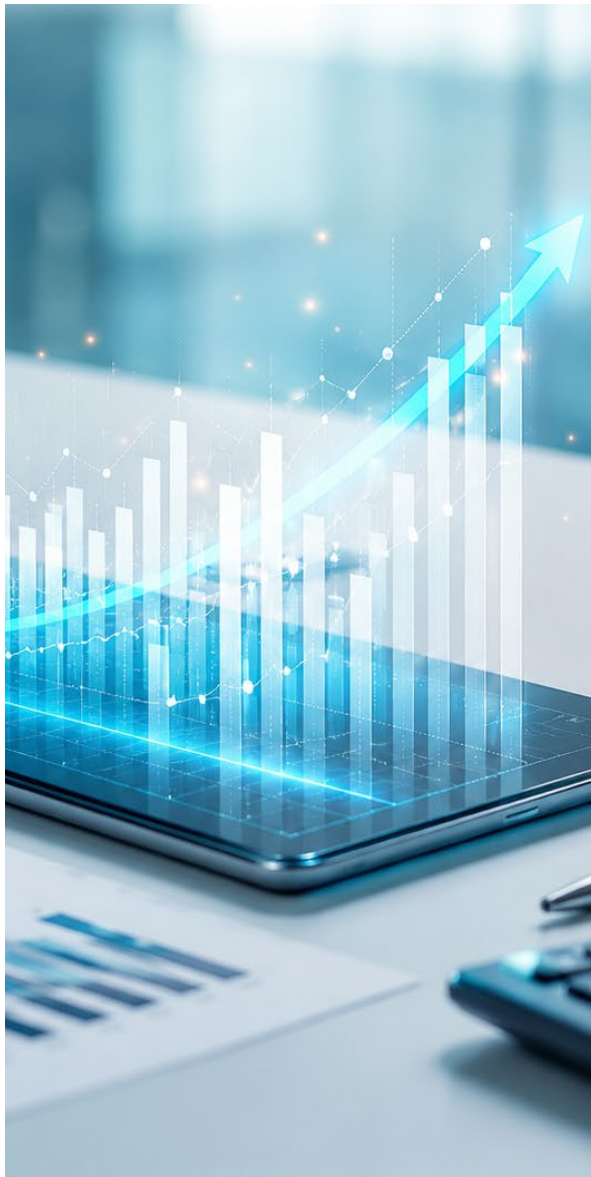
The Company institutes a dual-track model of "Technological Empowerment + Digital Manufacturing." Gokin Solar has elevated its IT infrastructure by integrating the IT Department directly into its core operational management framework, while simultaneously establishing a dedicated Digital Transformation Steering Group to reconstitute IT department functions. Furthermore, the Company has setup an IT Intelligence Taskforce and designated Digital Transformation Officers across business units to ensure that digital capabilities are deeply embedded into core business workflows.

Digital Transformation Objectives

The Company frames its digital evolution roadmap around the core quantitative metric of "AI Digital Penetration Rate" (defined as the proportion of AI-driven operations relative to total business workflows):

- Short-Term (3 Years): Achieving a target of 5%–10%.
- Medium-Term (5 Years): Accelerating penetration to 10%–50%.
- Long-Term (10 Years): Reaching a milestone of 80%, envisioning a phase of advanced intelligent symbiosis characterized by "human oversight and autonomous AI execution."

The ultimate objective is to comprehensively elevate operational efficiency, enterprise agility, and innovation capacity, thereby orchestrating robust support for the Company's long-term sustainable development.



Digital Management: Building an Intelligent Operations Ecosystem

Gokin Solar harnesses AI technology as its core driving force, orchestrating a collaborative mechanism that integrates "top-down strategic planning with bottom-up tactical innovation." This framework drives the deep application of Robotic Process Automation (RPA) and AI across key scenarios — including finance, sourcing, approvals, and contract management — automating high-frequency workflows and systematically curbing manual interventions. Concurrently, through smart office applications such as AI-generated meeting minutes and intelligent Q&A bots, the Company continuous to optimize day-to-day administrative efficiency. This initiative spearheads the transition toward an intelligent, paperless workplace, further elevating organizational collaboration and the granularity of corporate governance.

Digital Manufacturing: Building Core Intelligent Manufacturing Capabilities

The Company consistently advances its smart factory construction. Benchmarking against the national *Reference Guidelines for Typical Scenarios of Intelligent Manufacturing (2025)*, Gokin Solar focuses on carving out a digital production architecture centered on core monocrystalline pulling and slicing processes:

- In the Pulling Stage: Through the integration of MES and IoT systems, critical parameters such as temperature and rotation speed are collected in real time. Combined with AI algorithms, the system recommends optimal process curves to elevate production stability and consistency. Furthermore, by linking centralized control systems with AGV automated transport, the Company has established a "one-operator, multi-machine" production model, driving equipment utilization (OEE) to over 92%.
- In the Slicing Stage: Gokin Solar has deployed an AI-driven smart MES to enable dynamic production scheduling, equipment interlocking, and end-to-end quality traceability. Leveraging RFID technology, the Company achieves network-connected management across the entire material lifecycle, enhancing operational transparency and control precision.

On this foundation, the Company further propels its manufacturing execution systems toward "autonomous decision-making" upgrades, harnessing data-driven insights to realize intelligent process optimization, equipment synergy, and resource dispatching, thereby continuously scaling up line efficiency and product yield.

Paperless Operations and Green Management: Advancing Efficiency and Low-Carbon Development

The Company comprehensively spearheads the application of the ESOP (Electronic Operation Procedure) paperless system across both manufacturing and management sectors. This initiative achieves the complete digitalization and real-time synchronization of critical documentation — including Work Instructions (WIs), engineering blueprints, and inspection records — while orchestrating full-lifecycle digital governance over First Article Inspections (FAI), in-process routing audits, and final quality gates via automated data capture. This deployment effectively curbs expenditure on paper and consumables, eliminates rework risks associated with obsolete document versions, and significantly elevates information transmission velocity and execution consistency. Furthermore, this zero-paper paradigm shrinks greenhouse gas emissions across the full lifecycle of paper products, providing vital structural support for the Company's green and low-carbon development mandates.

Smart Factory Development Achievements: Enhancing Quality and Operational Efficiency

By consistently driving the deep fusion of digitalization and intelligent manufacturing, the Company has achieved remarkable breakthroughs across critical production links. In the wafer processing stage, Gokin Solar leverages real-time equipment status and process metrics, combining big data and machine learning to optimize technical parameters. This initiative has yielded a substantial improvement in product flatness and thickness uniformity, while simultaneously curtailing energy consumption by approximately 10%–15%. Furthermore, by integrating MES and SCADA systems, the Company orchestrates seamless tool synergy and agile production scheduling, effectively reducing idle operations and unscheduled downtimes to contract the manufacturing cycle time by 20%–30%. Finally, through the establishment of an end-to-end data traceability architecture, the Company captures full-lifecycle records of critical production data, driving an elevation in the product yield rate by over 15%.

Organization and Governance: Strengthening Digital Transformation Capabilities

Structural realignment shapes Gokin Solar's digital infrastructure, embedding IT capacities into the corporate governance matrix under a dual-track model of "Tech-Enablement + Digital Manufacturing." Governed by an agile Digital Transformation steering committee and an IT Intelligence unit alongside distinct transformation product owners, the Company facilitates seamless cross-functional alignment to sharply accelerate execution velocity and cross-departmental response.

Parallel to its digital expansion, Gokin Solar operates a highly adaptive information safety and data compliance framework. The Company institutionalizes an multi-dimensional shield merging regulatory protocols, technical perimeters, and simulations to strengthen data integrity and privacy baselines. Leveraging high-tier controls like cryptographic encryption, Data Loss Prevention (DLP) protocols, and pilot zero-trust frameworks, the site systematically drives up its defensive posture to guarantee a low-risk transformation environment.

Gokin Solar utilizes the "AI Digital Penetration Rate" as its ultimate tracking index; throughout the reporting period, this penetration cadence and overall zero-paper migration substantially cleared established annual KPIs. Moving forward, the Company is poised to scale deep-learning AI applications within flagship loops such as defect yield diagnostics and thermal-energy interlocking. By pioneering "lights-out manufacturing" environments to catalyze full-chain autonomous workflows, Gokin Solar envisions a generational leap into "human-machine symbiosis," systematically locking in premium operational yield, enterprise agility, and cutting-edge innovation velocity.

Appendix

ESG Key Performance Indicator Table

Environmental Performance

Disclosure Item	Units	2025	2024	2023
Energy Consumption				
Natural Gas	M^3	65,384.00	132,904.00	745,279.02
Diesel	L	44,069.00	0	1,500.00
Gasoline		29,000.00	33,864.99	0
Purchased Electricity	MWh	2,925,144.06	3,168,782.35	2,951,201.34
Total Energy Consumption	tce	325,639.03	395,044.20	321,415.81
Non-renewable Energy Ratio	%	25.81	/	/
Renewable Energy Ratio		74.19	38.33	31.62
Installed Solar Capacity for Self-use	MW	106.98	82.18	14.9
Self-generated Solar Power Consumption	MWh	93,780.26	19,815.80	13,503.96
Waste Gas Emissions				
Total Waste Gas Emissions*	Tonnes	72.60	20.65	18.87
Particulate Matter (PM)		17.92	3.89	2.19
Nitrogen Oxides (NOx)		1.44	3.51	0.86
Sulfur Oxides (SOx)		0	0.068	0.19
Volatile Organic Compounds (VOCs) Emissions		1.11	13.25	15.82
Greenhouse Gas Emissions				
Scope 1 GHG Emissions	tCO_2e	12,712.12	8,879.28	7,121.13
Scope 2 GHG Emissions		1,549,147.08	1,712,226.17	1,153,453.61
Scope 3 GHG Emissions		9,975,850.41	8,103,555.94	5,555,008.23
Total GHG Emissions		11,537,709.61	9,824,661.39	6,715,582.97

Disclosure Item	Units	2025	2024	2023
Water Resources Utilization				
Surface Water	Tonnes	17,995,190	6,068,988	6,798,811
Total Water Withdrawal		9,734,620.00	9,884,474.00	11,161,565.00
Total Water Consumption		9,424,200	5,314,698	6,353,669
Water Pollutant Discharges				
Total Wastewater Discharge	M^3	5,058,655.55	5,532,607.06	6,019,139.12
Chemical Oxygen Demand (COD)	Tonnes	266.72	618.05	1,046.42
Biochemical Oxygen Demand (BOD)		44.67	64.28	123.21
Suspended Solids		55.49	118.85	89.14
Ammonia Nitrogen (NH3-N)		2.74	7.06	23.16
Total Nitrogen (TN)		45.42	1,888.60	4,616.73
Total Phosphorus (TP)		2.20	441.12	169.05
Waste Management and Pollution Prevention				
Total Recyclable Waste	Tonnes	94,685.73	54,453.02	56,036.60
Total Non-hazardous Waste		91,530.99	49,610.61	43,469.63
Non-hazardous Waste Landfilled		0	0	0
Non-hazardous Waste Incinerated		0	0	0
Non-hazardous Waste Recycled		95,056.88	30,570.01	22,879.27
Other Non-hazardous Waste		700.26	132.37	77.97
Total Hazardous Waste		557.18	741.36	2,588.83
Hazardous Waste Landfilled		0	0	0
Hazardous Waste Incinerated		312.05	19.87	9.82
Hazardous Waste Recycled		219.35	759.95	2887.71
Other Hazardous Waste		46.97	29.68	98.66

*Note: The increase in total air pollutant emissions in 2025 was primarily attributable to:

1.Higher production output; and
2.Enhanced management of fugitive air emissions through the installation of additional collection systems for fugitive emissions.

Disclosure Item	Units	2025	2024	2023
Environmental Management				
Environmental Protection Investment	RMB	21,993,417.20	17,312,205	20,086,594
Environmental Training Sessions	Sessions	21	33	22
Employees Receiving Environmental Training	Person	8,064	4,433	4,940

Social Performance

Disclosure Item	Units	2025	2024	2023
Product Quality and Safety				
Complaint Resolution Rate	%	100	100	100
Product Inspection Pass Rate		99.41	99.38	99.58
Product Recall Cases	Cases	0	0	0
Customer Satisfaction	%	96.8	98	95
Innovation and R&D				
R&D Investment	RMB 10 Million	81.31	143.96	113.16
R&D Investment as a Percentage of Principal Operating Revenue	%	5.63	12.38	5.53
R&D Expenses as a Percentage of Principal Operating Revenue		2.91	3.53	1.71
R&D Employees	Person	872	1,383	1,484
R&D Employees as a Percentage of Total Employees	%	14.69	21.10	18.56
R&D Employees Below Bachelor's Degree Level	Person	454	1,051	924
R&D Employees with Bachelor's Degrees		398	322	542
R&D Employees with Master's Degrees		17	8	17
R&D Employees with Doctoral Degrees		3	2	1
Intellectual Property Protection				
Patent Applications	Cases	228	257	119
Patents Granted		120	84	38
Invention Patent Applications		115	114	69
Invention Patents Granted		12	14	23
Invention Patents Applied to Principal Business		358	225	113
Intellectual Property Awareness and Training Sessions	Sessions	14	3	2
Participants in Intellectual Property Awareness and Training	Person	1,200	3,000	2,000
Information Security Management				
Manual Information Security Inspections	Sessions	69	48	36
Participants in Data Security and Privacy Protection Training	Person	5,000	3,500	1,500
Data Security and Privacy Protection Training Sessions	Sessions	12	10	8
Cybersecurity Incident Drill Sessions		12	2	2
Employment				
Total Employees	Employees	5,600	6,556	7,994
Labor Contract Signing Rate	%	100	100	100
Social Insurance Coverage Rate		100	100	100
By Gender: Male	Employees	4,345	5,209	6,284
By Gender: Female		1,255	1,347	1,710
By Age: Aged 51 and Above		24	45	24
By Age: Aged 31 to 50		3,150	4,203	4,317
By Age: Aged 30 and Below		2,426	2,308	3,653
By Region: Employees Working in Mainland China, Hong Kong, Macao and Taiwan		5,590	/	/
By Region: Employees Working in Other Countries and Regions		10	/	/
By Education Level: Doctoral Degree Holders and Professors		2	5	3
By Education Level: Master's Degree		63	59	57
By Education Level: Bachelor's Degree		866	971	1,107
By Education Level: Junior College		1,097	/	/
By Education Level: Below Junior College		3,572	/	/

Note: This disclosure item only involves the crystalline silicon segment.

Disclosure Item		Units	2025	2024	2023
By Employee Category	Total General Employees	Employees	4,267	6,160	7,560
	Total Middle Management Employees		1,203	105	104
	otal Senior Management Employees		130	35	33
Employee Training					
Total Employees Trained		Person	5,600	/	/
By Gender	Male		4,345	/	/
	Female		1,255	/	/
By Employee Type	General Employees		4,267	/	/
	Middle Management		1,203	/	/
	Senior Management		130	/	/
Total Employee Training Hours		Hours	134,400	157,344	191,856
By Gender	Male		104,280	125,016	150,816
	Female		30,120	32,328	41,040
By Employee Type	General Employees		102,408	6,144	7,128
	Middle Management		28,872	2,520	2,496
	Senior Management		3,120	840	792
Average Training Hours per Employee			24	24	24
By Gender	Male		24	24	24
	Female		24	24	24
By Employee Type	General Employees		24	24	24
	Middle Management		24	24	24
	Senior Management		24	24	24
Employees Receiving Regular Performance and Career Development Reviews		%	100	83.08	82.88
Vocational Training Investment		RMB 10,000	141.41	/	/

Disclosure Item		Units	2025	2024	2023
Occupational Health and Safety					
Employee Health	Lost Workdays Due to Work-related Injuries	Days	283	332	303
	Work-related Fatalities	Person	0	0	0
	Employees in Positions with Occupational Disease Risks		2,549	2,120	2,433
	Employee Health Examination Coverage	%	100	100	100
	Employees Diagnosed with Occupational Diseases	Person	0	0	0
	Workers Covered by Occupational Health and Safety Management System	%	100	100	100
	Number of Work-related Injuries	Person	11	11	10
	Number of Work-related Injury Incidents	Incidents	11	11	10
	Number of Fatal Work-related Incidents		0	0	0
	Fatality Rate per Million Hours Worked	%	0	0	0
Health and Safety Investment	Employee Occupational Health and Safety Investment	RMB 10,000	3,393.36	3,321.17	4,091.88
	Workplace Safety Investment		1,347.51	1,737.63	2,615.17
Workplace Safety Training Performance	Safety Training Participation	Person-times	29,171	44,188	36,035
	Safety Training Hours	Hours	135,041	301,218	296,741
	Average Safety Training Hours		23.08	6.82	8.23
	Safety Training Coverage Rate	%	100	100	100
Safety Emergency Drills	Number of Safety Emergency Drills	Sessions	291	281	277
	Participants in Safety Emergency Drills	Person-times	16,797	16,094	15,907
Supply Chain Management					
Total Suppliers		Suppliers	253	195	/
By Region	Suppliers in Mainland China		252	/	/
	Suppliers in Hong Kong, Macao, Taiwan and Overseas		1	/	/
Percentage of Suppliers Signing the Supplier Code of Conduct		%	96	/	/
Percentage of Suppliers with Environmental and Labor Clauses			81	/	/

Disclosure Item		Units	2025	2024	2023
Suppliers Subject to Social Impact Assessments		Suppliers	162	/	/
Suppliers Subject to Environmental Impact Assessments			162	/	/
Total New Suppliers			29	/	/
By Assessment Type	Percentage of New Suppliers Screened Using Environmental Criteria	%	62	/	/
	Percentage of Suppliers Screened Using Social Criteria		62	/	/
Percentage of Procurement Personnel Completing Sustainable Procurement Training			100	/	/
Community Investment					
Charitable Donations		RMB 10,000	85.3	53.8	85
Talent Support	Participants in Vocational Skills Training	Person	195	195	195
Education Initiatives	Investment in Supporting Rural Students	RMB 10,000	28	24.8	35

Corporate Governance Performance

Disclosure Item	Units	2025	2024	2023
Corporate Governance				
Shareholders' Meetings Held	Meetings	2	2	3
Board Meetings Held		5	4	8
Supervisory Board Meetings Held		3	4	3
Strategy Committee Meetings Held		1	2	2
Audit Committee Meetings Held		2	3	3
Nomination Committee Meetings Held		1	0	1
Remuneration and Assessment Committee Meetings Held		2	1	1
Board Members	Person	9	9	9

Disclosure Item		Units	2025	2024	2023
By Gender	Male Directors	Person	6	5	5
	Female Directors		3	4	4
By Type	Independent Directors		4	4	4
	Non-independent Directors		5	5	5
Compliance Operations					
Directors, Supervisors and Senior Management Receiving Compliance Training		Person	9	9	9
Employees Receiving Compliance Training			40	40	40
Compliance Training Hours		Hours	80	80	80
Business Ethics					
Litigation Cases Related to Bribery or Corruption		Cases	2	/	/
Reported Anti-bribery and Anti-corruption Cases			8	/	/
Average Anti-bribery and Anti-corruption Training Hours and Number of Employees Trained		Person-hours	1.5	/	/
Employees Receiving Anti-bribery and Anti-corruption Training		Person	546	/	/
Percentage of Employees Receiving Anti-bribery and Anti-corruption Training		%	10.85	/	/
Senior Management Receiving Anti-bribery and Anti-corruption Training		Person	5	23	/
Average Anti-bribery and Anti-corruption Training Hours and Number of Senior Management Trained		Person-hours	1.5	1.5	/
Percentage of Senior Management Receiving Anti-bribery and Anti-corruption Training		%	22	100	/

Index Table of GRI Sustainability Reporting Standards (GRI Standards)

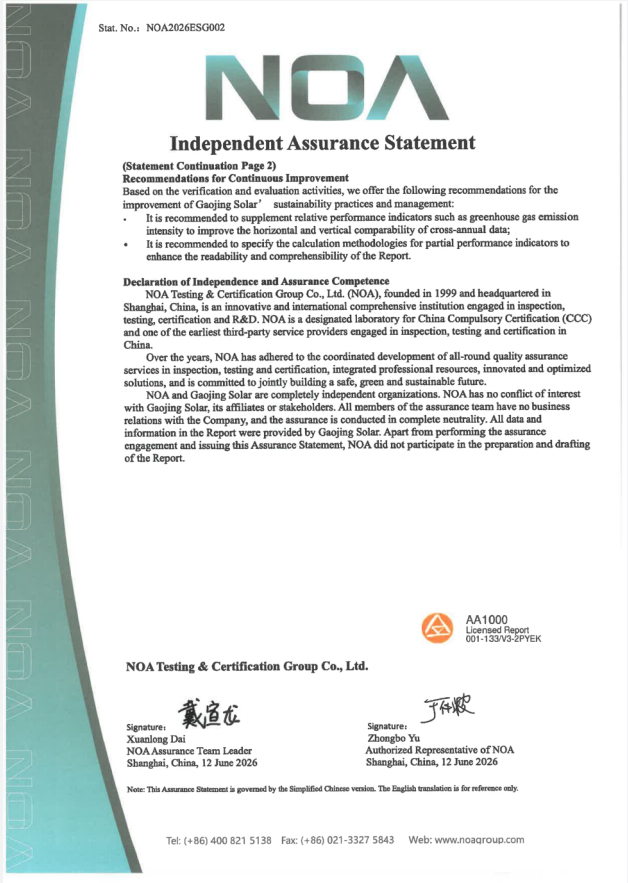
Disclosure Topic / Disclosure Item	Corresponding Chapter
GRI 2: General Disclosure 2021	
The organization and its reporting practices	
2-1 Organizational details	About This Report
2-2 Entities included in the organization's sustainability reporting	About This Report
2-3 Reporting period, frequency and contact point	About This Report
2-4 Restatements of information	About This Report
2-5 External assurance	Independent Assurance Statement
Activities and Workers	
2-6 Activities, value chain and other business relationships	Achievements: Stakeholder Communication Co-creation: Responsible Supply Chain Management
2-7 Employees	Co-creation: Employee Recruitment and Rights Protection
Governance	
2-9 Governance structure and composition	Transparency: Corporate Governance
2-10 Nomination and selection of the highest governance body	Transparency: Corporate Governance
2-12 Role of the highest governance body in overseeing the management of impacts	Transparency: Corporate Governance
2-13 Delegation of responsibility for managing impacts	Transparency: Corporate Governance
2-14 Role of the highest governance body in sustainability reporting	Achievements: ESG Governance Structure
2-16 Communication of critical concerns	Achievements: Stakeholder Communication
2-17 Collective knowledge of the highest governance body	Achievements: Our Core Values
Strategy, policies, and practices	
2-22 Statement on sustainable development strategy	Achievements: Our Core Values, Material Topics Analysis
2-25 Processes to remediate negative impacts	Co-creation: Employee Recruitment and Rights Protection
2-26 Mechanisms for seeking advice and raising concerns	Co-creation: Employee Recruitment and Rights Protection Transparency: Compliance Management
2-28 Membership associations	About Gokin Solar: Milestones and Awards Innovation: R&D Excellence and Innovation
Stakeholder engagement	
2-29 Approach to stakeholder engagement	Special Feature: Stakeholder Communication
2-30 Collective bargaining agreements	Co-creation: Employee Recruitment and Rights Protection
GRI 3: Material Topics 2021	
3-1 Process to determine material topics	Achievements: Material Topics Analysis
3-2 List of material topics	Achievements: Material Topics Analysis
3-3 Management of material topics	Achievements: Material Topics Analysis
GRI 101: Biodiversity 2024	
101-2 Management of biodiversity impacts	Environmental: Ecosystems and Biodiversity Protection
GRI 201: Economic Performance 2016	
201-2 Financial implications and other risks and opportunities due to climate change	Environmental: Addressing Climate Change
GRI 205: Anti-corruption 2016	
205-2 Communication and training about anti-corruption policies and procedures	Transparency: Business Ethics
GRI 206: Anti-competitive Behavior 2016	
206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Transparency: Business Ethics
GRI 301: Materials 2016	
301-2 Recycled input materials used	Environmental: Waste Management and the Circular Economy
301-3 Reclaimed products and their packaging materials	Environmental: Waste Management and the Circular Economy
GRI 302: Energy 2016	
302-1 Energy consumption within the organization	Environmental: Energy Management Appendix: ESG Key Performance Indicator Table
302-4 Reduction of energy consumption	Environmental: Energy Management
GRI 303: Water and Effluents 2018	
303-1 Interactions with water as a shared resource	Environmental: Water Resources Management
303-2 Management of water discharge-related impacts	Environmental: Water Resources Management
303-3 Water withdrawal	Environmental: Water Resources Management Appendix: ESG Key Performance Indicator Table
303-4 Water discharge	Environmental: Water Resources Management
303-5 Water consumption	Environmental: Water Resources Management Appendix: ESG Key Performance Indicator Table

Disclosure Topic / Disclosure Item	Corresponding Chapter
GRI 305: Emissions 2016	
305-1 Direct (Scope 1) GHG emissions	Appendix: ESG Key Performance Indicator Table
305-2 Energy indirect (Scope 2) GHG emissions	Appendix: ESG Key Performance Indicator Table
305-3 Other indirect (Scope 3) GHG emissions	Appendix: ESG Key Performance Indicator Table
305-5 Reduction of GHG emissions	Environmental: Addressing Climate Change
305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	Appendix: ESG Key Performance Indicator Table
GRI 306: Waste 2020	
306-1 Waste generation and significant waste-related impacts	Environmental: Waste Management and the Circular Economy
306-2 Management of significant waste-related impacts	Environmental: Waste Management and the Circular Economy
306-3 Waste generated	Environmental: Waste Management and the Circular Economy Appendix: ESG Key Performance Indicator Table
306-4 Waste diverted from disposal	Environmental: Waste Management and the Circular Economy Appendix: ESG Key Performance Indicator Table
306-5 Waste directed to disposal	Environmental: Waste Management and the Circular Economy Appendix: ESG Key Performance Indicator Table
GRI 308: Supplier Environmental Assessment 2016	
308-1 New suppliers that were screened using environmental criteria	Co-creation: Responsible Supply Chain Management
308-2 Negative environmental impacts in the supply chain and actions taken	Co-creation: Responsible Supply Chain Management
GRI 401: Employment 2016	
401-1 New employee hires and employee turnover	Co-creation: Employee Recruitment and Rights Protection
401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	Co-creation: Diversity, Equity, and Inclusion and Employee Care
GRI 403: Occupational Health and Safety 2018	
403-1 Occupational health and safety management system	Co-creation: Occupational Health and Safety Management
403-2 Hazard identification, risk assessment, and incident investigation	Co-creation: Occupational Health and Safety Management
403-3 Occupational health services	Co-creation: Occupational Health and Safety Management
403-5 Worker training on occupational health and safety	Co-creation: Occupational Health and Safety Management
403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Co-creation: Occupational Health and Safety Management
403-8 Workers covered by an occupational health and safety management system	Co-creation: Occupational Health and Safety Management
403-9 Work-related injuries	Appendix: ESG Key Performance Indicator Table
GRI 404: Training and Education 2016	
404-1 Average hours of training per year per employee	Co-creation: Talent Development and Training Empowerment Appendix: ESG Key Performance Indicator Table
404-2 Programs for upgrading employee skills and transition assistance programs	Co-creation: Talent Development and Training Empowerment
GRI 405: Diversity and Equal Opportunity 2016	
405-1 Diversity of governance bodies and employees	Co-creation: Employee Recruitment and Rights Protection Appendix: ESG Key Performance Indicator Table
GRI 406: Non-discrimination 2016	
406-1 Incidents of discrimination and corrective actions taken	Co-creation: Employee Recruitment and Rights Protection
GRI 407: Freedom of Association and Collective Bargaining 2016	
407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	Co-creation: Employee Recruitment and Rights Protection Co-creation: Responsible Supply Chain Management
GRI 408: Child Labor 2016	
408-1 Operations and suppliers at significant risk for incidents of child labor	Co-creation: Employee Recruitment and Rights Protection
GRI 409: Forced or Compulsory Labor 2016	
409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	Co-creation: Employee Recruitment and Rights Protection
GRI 413: Local Communities 2016	
413-1 Operations with local community engagement, impact assessments, and development programs	Co-creation: Community Investment
GRI 414: Supplier Social Assessment 2016	
414-1 New suppliers that were screened using social criteria	Co-creation: Responsible Supply Chain Management
414-2 Negative social impacts in the supply chain and actions taken	Co-creation: Responsible Supply Chain Management
GRI 416: Customer Health and Safety 2016	
416-1 Assessment of the health and safety impacts of product and service categories	Superb: Product Quality and Safety

Index Table of Self-Regulatory Guidelines for Listed Companies No. 17 of Shenzhen Stock Exchange - Sustainable Development Report (Trial)

Disclosure Requirement	Relevant Section in This Report
Climate Change	Environmental: Addressing Climate Change
Pollutant Emissions	Environmental: Environmental Management and Pollutant Emissions
Waste Management	Environmental: Waste Management and the Circular Economy
Ecosystems and Biodiversity Conservation	Environmental: Ecosystems and Biodiversity Protection
Environmental Compliance Management	Environmental: Environmental Management and Pollutant Emissions
Energy Management	Environmental: Energy Management
Water Resources Management	Environmental: Water Resources Management
Circular Economy	Environmental: Waste Management and the Circular Economy
Rural Revitalization	Co-creation: Community Investment
Social Contribution	Co-creation: Community Investment
Innovation-driven Development	Innovation: R&D Excellence and Innovation
Technology Ethics	N/A
Supply Chain Security	Co-creation: Responsible Supply Chain Management
Fair Treatment of SMEs	Co-creation: Responsible Supply Chain Management
Product and Service Safety and Quality	Superb: Product Quality and Safety, Cumstomer Service
Data Security and Customer Privacy Protection	Transparency: Data Security and Privacy Protection Superb: Digitalization and Information Technology Empowerment
Employees	Co-creation: Employee Recruitment and Rights Protection, Talent Development and Training Empowerment, Diversity, Equity, and Inclusion and Employee Care, Co-creation: Occupational Health and Safety Management
Due Diligence	Achievements: Material Topics Analysis
Stakeholder Communication	Achievements: Stakeholder Communication
Anti-bribery and Anti-corruption	Transparency: Business Ethics
Anti-unfair Competition	Transparency: Business Ethics

Independent Assurance Statement



Stat. No.: NOA2026ESG002

NOA

Independent Assurance Statement

(Statement Continuation Page 2)

Recommendations for Continuous Improvement

Based on the verification and evaluation activities, we offer the following recommendations for the improvement of Gaojing Solar' sustainability practices and management:

- It is recommended to supplement relative performance indicators such as greenhouse gas emission intensity to improve the horizontal and vertical comparability of cross-annual data;
- It is recommended to specify the calculation methodologies for partial performance indicators to enhance the readability and comprehensibility of the Report.

Declaration of Independence and Assurance Competence

NOA Testing & Certification Group Co., Ltd. (NOA), founded in 1999 and headquartered in Shanghai, China, is an innovative and international comprehensive institution engaged in inspection, testing, certification and R&D. NOA is a designated laboratory for China Compulsory Certification (CCC) and one of the earliest third-party service providers engaged in inspection, testing and certification in China.

Over the years, NOA has adhered to the coordinated development of all-round quality assurance services in inspection, testing and certification, integrated professional resources, innovated and optimized solutions, and is committed to jointly building a safe, green and sustainable future.

NOA and Gaojing Solar are completely independent organizations. NOA has no conflict of interest with Gaojing Solar, its affiliates or stakeholders. All members of the assurance team have no business relations with the Company, and the assurance is conducted in complete neutrality. All data and information in the Report were provided by Gaojing Solar. Apart from performing the assurance engagement and issuing this Assurance Statement, NOA did not participate in the preparation and drafting of the Report.

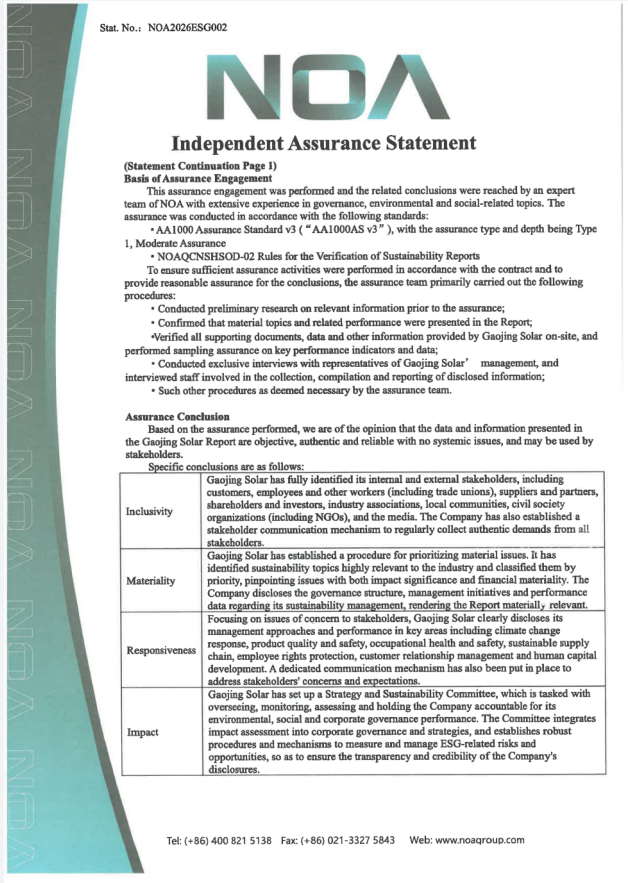
AA1000
Licensed Report
001-133/V3-2PYEK

NOA Testing & Certification Group Co., Ltd.

Signature:
Xuanlong Dai
NOA Assurance Team Leader
Shanghai, China, 12 June 2026

Signature:
Zhongbo Yu
Authorized Representative of NOA
Shanghai, China, 12 June 2026

Note: This Assurance Statement is governed by the Simplified Chinese version. The English translation is for reference only.



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Independent Assurance Statement

(Statement Continuation Page 1)

Basis of Assurance Engagement

This assurance engagement was performed and the related conclusions were reached by an expert team of NOA with extensive experience in governance, environmental and social-related topics. The assurance was conducted in accordance with the following standards:

- AA1000 Assurance Standard v3 ("AA1000AS v3"), with the assurance type and depth being Type 1, Moderate Assurance
- NOAQCNSHSOD-02 Rules for the Verification of Sustainability Reports

To ensure sufficient assurance activities were performed in accordance with the contract and to provide reasonable assurance for the conclusions, the assurance team primarily carried out the following procedures:

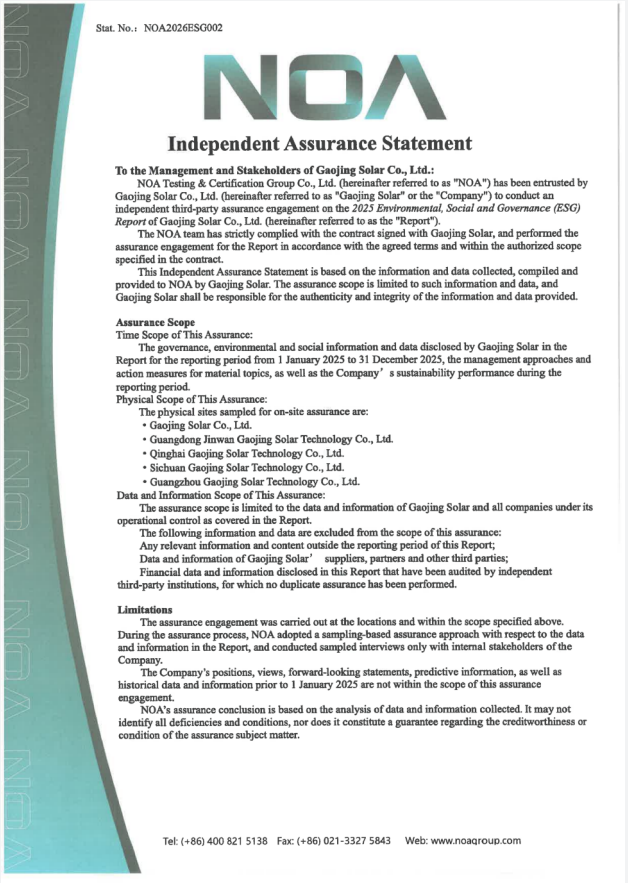
- Conducted preliminary research on relevant information prior to the assurance;
- Confirmed that material topics and related performance were presented in the Report;
- Verified all supporting documents, data and other information provided by Gaojing Solar on-site, and performed sampling assurance on key performance indicators and data;
- Conducted exclusive interviews with representatives of Gaojing Solar' management, and interviewed staff involved in the collection, compilation and reporting of disclosed information;
- Such other procedures as deemed necessary by the assurance team.

Assurance Conclusion

Based on the assurance performed, we are of the opinion that the data and information presented in the Gaojing Solar Report are objective, authentic and reliable with no systemic issues, and may be used by stakeholders.

Specific conclusions are as follows:

Inclusivity	Gaojing Solar has fully identified its internal and external stakeholders, including customers, employees and other workers (including trade unions), suppliers and partners, shareholders and investors, industry associations, local communities, civil society organizations (including NGOs), and the media. The Company has also established a stakeholder communication mechanism to regularly collect authentic demands from all stakeholders.
Materiality	Gaojing Solar has established a procedure for prioritizing material issues. It has identified sustainability topics highly relevant to the industry and classified them by priority, pinpointing issues with both impact significance and financial materiality. The Company discloses the governance structure, management initiatives and performance data regarding its sustainability management, rendering the Report materially relevant.
Responsiveness	Focusing on issues of concern to stakeholders, Gaojing Solar clearly discloses its management approaches and performance in key areas including climate change response, product quality and safety, occupational health and safety, sustainable supply chain, employee rights protection, customer relationship management and human capital development. A dedicated communication mechanism has also been put in place to address stakeholders' concerns and expectations.
Impact	Gaojing Solar has set up a Strategy and Sustainability Committee, which is tasked with overseeing, monitoring, assessing and holding the Company accountable for its environmental, social and corporate governance performance. The Committee integrates impact assessment into corporate governance and strategies, and establishes robust procedures and mechanisms to measure and manage ESG-related risks and opportunities, so as to ensure the transparency and credibility of the Company's disclosures.



Stat. No.: NOA2026ESG002

NOA

Independent Assurance Statement

To the Management and Stakeholders of Gaojing Solar Co., Ltd.:

NOA Testing & Certification Group Co., Ltd. (hereinafter referred to as "NOA") has been entrusted by Gaojing Solar Co., Ltd. (hereinafter referred to as "Gaojing Solar" or the "Company") to conduct an independent third-party assurance engagement on the *2025 Environmental, Social and Governance (ESG) Report* of Gaojing Solar Co., Ltd. (hereinafter referred to as the "Report").

The NOA team has strictly complied with the contract signed with Gaojing Solar, and performed the assurance engagement for the Report in accordance with the agreed terms and within the authorized scope specified in the contract.

This Independent Assurance Statement is based on the information and data collected, compiled and provided to NOA by Gaojing Solar. The assurance scope is limited to such information and data, and Gaojing Solar shall be responsible for the authenticity and integrity of the information and data provided.

Assurance Scope

Time Scope of This Assurance:

The governance, environmental and social information and data disclosed by Gaojing Solar in the Report for the reporting period from 1 January 2025 to 31 December 2025, the management approaches and action measures for material topics, as well as the Company' s sustainability performance during the reporting period.

Physical Scope of This Assurance:

The physical sites sampled for on-site assurance are:

- Gaojing Solar Co., Ltd.
- Guangdong Jinwan Gaojing Solar Technology Co., Ltd.
- Qinghai Gaojing Solar Technology Co., Ltd.
- Sichuan Gaojing Solar Technology Co., Ltd.
- Guangzhou Gaojing Solar Technology Co., Ltd.

Data and Information Scope of This Assurance:

The assurance scope is limited to the data and information of Gaojing Solar and all companies under its operational control as covered in the Report.

The following information and data are excluded from the scope of this assurance:

Any relevant information and content outside the reporting period of this Report;

Data and information of Gaojing Solar' suppliers, partners and other third parties;

Financial data and information disclosed in this Report that have been audited by independent third-party institutions, for which no duplicate assurance has been performed.

Limitations

The assurance engagement was carried out at the locations and within the scope specified above. During the assurance process, NOA adopted a sampling-based assurance approach with respect to the data and information in the Report, and conducted sampled interviews only with internal stakeholders of the Company.

The Company's positions, views, forward-looking statements, predictive information, as well as historical data and information prior to 1 January 2025 are not within the scope of this assurance engagement.

NOA's assurance conclusion is based on the analysis of data and information collected. It may not identify all deficiencies and conditions, nor does it constitute a guarantee regarding the creditworthiness or condition of the assurance subject matter.

Reader Feedback

Thank you for reading the 2025 Environmental, Social and Governance (ESG) Report of Gokin Solar Co., Ltd. To provide more valuable information to you and other stakeholders and to further enhance our ESG management capabilities and performance, we sincerely welcome your comments and suggestions on this report.

Please feel free to send your feedback to esg@gokinsolar.com.

Your overall evaluation of the company's ESG report:

☐ Extremely satisfied ☐ Very satisfied ☐ Satisfied ☐ Somewhat dissatisfied ☐ Dissatisfied

Your evaluation of the company's fulfillment of ESG responsibilities:

Economic responsibilities
☐ Extremely satisfied ☐ Very satisfied ☐ Satisfied ☐ Somewhat dissatisfied ☐ Dissatisfied

Social responsibility
☐ Extremely satisfied ☐ Very satisfied ☐ Satisfied ☐ Somewhat dissatisfied ☐ Dissatisfied

Environmental responsibilities
☐ Extremely satisfied ☐ Very satisfied ☐ Satisfied ☐ Somewhat dissatisfied ☐ Dissatisfied

Do you think this report can accurately reflect the impact of the company's social responsibility practices on the economy, society and the environment?

☐ Can reflect very well ☐ Can reflect well ☐ Can reflect
☐ Reflect not very well ☐ Cannot reflect

What do you think of the clarity, accuracy and completeness of the information, data and indicators disclosed in this report?

Clarity
☐ Extremely satisfied ☐ Very satisfied ☐ Satisfied ☐ Somewhat dissatisfied ☐ Dissatisfied

Accuracy
☐ Extremely satisfied ☐ Very satisfied ☐ Satisfied ☐ Somewhat dissatisfied ☐ Dissatisfied

Completeness
☐ Extremely satisfied ☐ Very satisfied ☐ Satisfied ☐ Somewhat dissatisfied ☐ Dissatisfied

Do you think the content arrangement and layout design of this report are convenient for reading?

☐ Yes ☐ General ☐ No

Your other opinions and suggestions regarding the company's ESG work and this report: