

The letters "ESG" are rendered in a large, semi-transparent, light blue font. They are positioned in the upper middle section of the image, overlapping the landscape background. The letters are slightly blurred, giving them a soft, ethereal appearance.

ESG

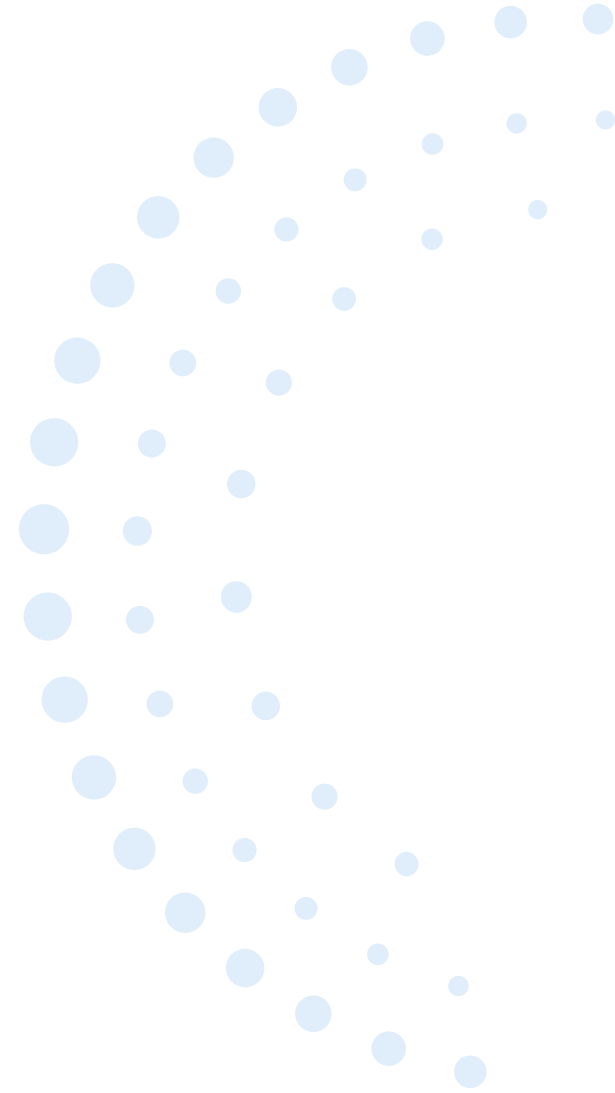
The text "2025 Sustainability Report" is written in a large, bold, white, sans-serif font. It is positioned in the lower left and center of the image, overlapping the landscape and the solar panels. The text is very prominent and easy to read.

2025
Sustainability
Report

Trinasolar

Sustain with
SOLAR

Power Beyond Solar



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About the Report

Introduction of the Report

This is the 14th consecutive year that Trina Solar Co., Ltd. has been publishing corporate social responsibility/ESG/sustainability reports since 2011. With the aim to disclose the Company's sustainability-related management strategies, practices, and performance in a transparent and open manner, we strive to respond to the concerns and expectations of various stakeholders, including shareholders and investors, customers, government and regulatory authorities, employees, business partners, local communities, and media.

Reporting Standards

The Report is prepared with reference to the Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial), the Guidance No. 4 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Preparation of Sustainability Report and the Guidance No. 13 of Shanghai Stock Exchange for Self-Regulation of STAR Market Companies—Preparation of Sustainability Report. It also refers to the Global Reporting Initiative (GRI) Sustainability Reporting Standards (GRI Standards), the International Sustainability Standards Board (ISSB) International Financial Reporting Standard S2-Climate-related Disclosures, the United Nations Sustainable Development Goals (SDGs), and the Ten Principles of the United Nations Global Compact.

Reporting Scope

The Report is an annual publication covering the period from January 1, 2025, to December 31, 2025. To enhance the completeness of the Report, some information pertains to previous or future years. The policies, statements, and data in the Report cover the actual business scope of the Company, and the organizational scope of the Report is consistent with the Company's "2025 Annual Report". Environmental data encompasses all production bases in stable operation. Where specific data differs from the reporting scope, we will explicitly note such instances in the main text.

Abbreviations

For ease of reference and readability, "Trina Solar Co., Ltd." is referred to as "Trinasolar", "the Group", "the Company", or "we" throughout this report. For designations pertaining to Trinasolar and certain subsidiaries and holding companies, please refer to the Appendix.

Data Source

All monetary amounts in the Report are recorded in RMB. Unless otherwise stated, the information and data cited in the Report are sourced from the Company's managed documents, financial reports, or public information and have been reviewed by responsible departments.

Reliability Statement

The Board of Directors is responsible for the authenticity, accuracy, and completeness of the Report. Trina Solar has entrusted TÜV SÜD (China) Co., Ltd. to conduct an independent audit in accordance with the ISAE 3000 standard. The assurance scope covers all environmental and social key performance indicators. The independent audit statement can be found on page 118 of the Report.

Review and Approval

The Board of Directors reviewed and approved the Report on April 28, 2026.

Access to the Report

The Report is published in Simplified Chinese and English. In case of any discrepancies between the two versions, the Simplified Chinese version shall prevail.

The Report is published in electronic form. Both Chinese and English versions can be downloaded from Trina Solar's official website at <https://www.trinasolar.com/en-glb/download/>

Historical sustainability information and data of the Company can be reviewed and downloaded by scanning the QR code.



Company official website



Shanghai Stock Exchange website

Your feedback is valuable to us. For any questions or suggestions about the Report, please contact:

Email: ESG@trinasolar.com

Address: No. 2 Tianhe Road, Trina PV Industrial Park, Xinbei District, Changzhou City, Jiangsu Province



Chairman's Message



Gao Jifan

Chairman of Trinasolar

As another year passes, new chapters unfold. 2025 was a year marked by challenges and opportunities, and a year in which Trinasolar remained true to our original mission and achieved resilient growth. On behalf of the Trinasolar Board of Directors, I extend my sincere gratitude to all stakeholders who have trusted and supported us over the years.

Innovation as the Engine, Scaling the Heights of Technology

We firmly believe that safeguarding intellectual property is synonymous with safeguarding innovation. Trinasolar remains committed to original innovation, continuously achieving breakthroughs in key core technologies. Over the past year, Trinasolar's National Key Laboratory of Photovoltaic Science and Technology set and broke world records a cumulative 39 times, while invention patents for perovskite solar cells rank among the top globally. Our independently developed 210 mm large-area perovskite/crystalline silicon tandem cell module delivers an output power of 886 W and achieves a laboratory efficiency exceeding 32.6%, continuously expanding the boundaries of photoelectric conversion efficiency through advanced technological innovation. In June 2025, Trinasolar secured the Silver Prize at the 25th China Patent Award for the patent titled "A Method for Estimating the Direct Irradiation Ratio Using a Dual Irradiance Meter" (Patent No.: ZL202010441260.8).

Smart Empowerment at the Core, Co-building a Zero-Carbon Ecosystem

We actively drive the scaled implementation of solutions such as "Solar+Storage + Green Power Smart Computing"; "Solar+Storage + Green Power Hydrogen/Ammonia/Methanol Production"; "Solar+Storage + Zero-Carbon Parks"; "Green Buildings"; and "Green Transportation". Through these initiatives, we are transforming solar PV and energy storage from standalone product offerings to comprehensive smart energy solutions, achieving bidirectional empowerment between Artificial Intelligence (AI) and new energy technologies.

In domestic China, we launched a zero-carbon computing demonstration project featuring five-dimensional synergy of "Wind-So-

lar-Storage-Grid-Computing". It ensures 100% stable green power supply with an annual output exceeding 10 million kWh, setting a global benchmark in the zero-carbon sector and serving as a model for "computing-power synergy". In overseas markets, we partnered with global renewable energy leader Atlas Renewable Energy to build a grid-forming storage benchmark project. Achieving stable grid connection for 233 MW/1,003 MWh storage capacity and an annual output exceeding GWh levels, it stands as a global benchmark for zero-carbon power supply in mining and a leading international model for "computing-power synergy".

In the distributed energy sector, Trina Power is a key strategic growth engine for Trinasolar. Leveraging Trina Power's self-developed energy management platform, we empower domestic partners to secure returns and explore new opportunities amidst electricity market reforms. We have innovatively launched a "Zero-Carbon" smart energy and carbon emission management platform, providing parks with full-chain digital tools covering "Inventory, Management, and Asset. This ensures every kilowatt-hour of green power is traceable, certifiable, and tradable, delivering our solutions for the low-carbon transformation of diverse industries.

Sustainability as the Foundation, Embarking on a New ESG Journey

Trinasolar embeds sustainability into our corporate DNA. Guided by the "SOLAR" sustainability philosophy, we continuously enhance our ESG governance framework, with the Board of Directors and its Strategy and Sustainability Committee as the highest decision-making body for ESG initiatives. This ensures ESG principles integrated across all organizational levels, driving the comprehensive implementation of work plans. During the Reporting Period, we were listed on the Fortune China 500 for five consecutive years and received multiple international recognitions for sustainable development, including Forbes' "Top 30 Globalized Brands from China".

At the supply chain level, we innovatively established a "Digital-Intelligent Traceability" system. Our self-developed "Smart Carbon" product carbon digital management system assigns a "Green Digital Identity" to products entering global markets. We also innovatively implemented a "Core Supply Chain Order Management Ecosystem",

fostering a positive feedback loop of "ESG Performance - Market Support - Order Revenue" to enable supply chain partners to share the dividends of sustainable development.

International as Wings, Harnessing Solar Energy for the Benefit of All

From the Industry-Academia-Research Demonstration Center at Polytechnic University of Madrid in Spain to the Innovation Training Center at Facens University in Brazil; from the Abydos PV+Storage Project in Egypt to the Desert PV Power Station in Uzbekistan-Trinasolar, guided by a strategic layout of "Deep Localization and Global Synergy", illuminates every corner of the world with clean power. We actively integrate into the global industrial chain, contributing Trinasolar's strength to the construction of a new global energy system based on consultation, co-creation, and sharing.

To the Future: Chasing Light, Meeting at the Summit

Driven by an unwavering mission and responsibility, we persist and grow with resilience. Each challenge on the path of chasing light empowers us to move forward with courage, meeting at the summit.

As we look ahead to 2026, we will continue to pursue the vision of "Leading the way in smart PV and energy storage solutions and facilitating the transformation of new power systems for a net-zero future". We will promote the conversion of technological innovation into industrial innovation, accelerating the industrialization of technologies such as perovskite and space-based solar power. Collaborating with industry partners, we will build a new energy system together, promoting global green low-carbon transition and sustainable development. Through an ecosystem-first approach, we will contribute Trinasolar's wisdom and strength.

Because we believe, we can see. Because we act, we can make it reality. Let us uphold innovation, harbor ambitions of "stars and seas", and embrace the "Space Energy Revolution", harnessing solar energy to benefit all humanity.

About Trinasolar

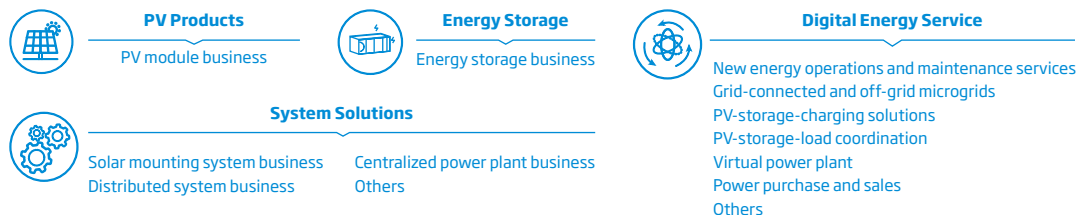
Company Profile

Trina Solar Co., Ltd. (Stock Symbol: Trinasolar; Stock Code: 688599) was founded in 1997 and listed on the Science and Technology Innovation Board (STAR Market) of the Shanghai Stock Exchange (SSE) in June 2020, becoming the first photovoltaic enterprise on the STAR Market. The Company's core businesses encompass four segments: PV products, energy storage, system solutions, and digital energy services.

With innovation-driven development as its most important strategy and core driver, Trinasolar leverages its National Key Laboratory of Photovoltaic Science and Technology to focus on three key technological tracks: crystalline silicon, perovskite, and III-V solar cells, actively building a globally influential industrial technology innovation center. As of the end of the Reporting Period, Trinasolar has set and broken world records 39 times in PV cell conversion efficiency and module output power. It was the first to propose IEC international standards, and its volume of valid invention patents continues to lead the Chinese PV and storage industry. Invention patents for perovskite solar cells also rank at the industry forefront, with a deep strategic partnership with Oxford PV and exclusive licensing rights in mainland China.

Under its globalization strategy, the Company established its Global Headquarters in Changzhou, Jiangsu, early in its development, and recently established an International Headquarters in Shanghai. It actively strengthens its global talent pool, attracting high-level international management and R&D professionals from over 70 countries. Regional headquarters have been established in Zurich (Switzerland), Silicon Valley (USA), São Paulo (Brazil), and Singapore. Offices and subsidiaries operate in Madrid (Spain), Mexico, Sydney (Australia), and Rome (Italy). Simultaneously, the Company explores new overseas models, advancing localized operations at cooperative bases in the United States, with business operations spanning over 180 countries and regions worldwide.

Business Area
































Corporate Culture








- Mission**
Solar Energy for All
- Vision**
Leading the way in smart PV and energy storage solutions and facilitating the transformation of new power systems for a net-zero future
- Values**
Focus on the Customer
Persist in Open Innovation
Persevere through Dedication and Hard Work
Strive for Excellence
Share the Responsibility and Create and Share Value Together



Sustainability Goals and Progress


Issues	Contribution to UN SDGs	2025 Target	2025 Performance	Target Achievement Status
Innovation and Technological Leadership	 	R&D investment as a percentage of revenue not less than 6%	R&D investment as a percentage of revenue: 6.09%	
Product Safety and Quality	 	No major product recall incidents	No major product recall incidents occurred	
		No major product safety accidents or administrative penalties	No major product safety accidents or administrative penalties occurred	
		ISO 9001 Quality Management System coverage: 100%	ISO 9001 Quality Management System coverage: 100%	
Customer Management	 	Customer satisfaction of SPBU, ESBU, TBU ^[1] above 80%	Customer satisfaction: SPBU 82% , ESBU 96% , TBU 81%	
Sustainable Supply Chain	     	Signing rate for Supplier ESG Commitment and Supplier Integrity Agreement: 100%	Signing rate for Supplier ESG Commitment and Supplier Integrity Agreement: 100%	
		Coverage of screening and assessing new suppliers based on environmental and social standards: 100%	Coverage of screening and assessing new suppliers based on environmental and social standards: 100%	
		100% signing rate of Non-Conflict Minerals Statement for all suppliers with conflict mineral risk exposure	100% signing rate of Non-Conflict Minerals Statement for all suppliers with conflict mineral risk exposure	
		Coverage of due diligence on 3TG raw material suppliers: 100%	Coverage of due diligence on 3TG raw material suppliers: 100%	
		Zero quantity of minerals sourced from conflict-affected and high-risk areas; Zero revenue from mineral products sourced from conflict-affected and high-risk areas	During the Reporting Period, the Company sourced zero quantity of minerals from conflict-affected and high-risk areas; Revenue from mineral products sourced from conflict-affected and high-risk areas was zero	
Hazardous Materials, Pollutants & Waste Management	 	No environmental penalty incidents	No environmental penalty incidents occurred	
Response to Climate Change	 	Reduce Scope 1 and Scope 2 GHG emission intensity (tCO ₂ e/MW) of module production 50% by 2025 from a 2020 base year	Scope 1 and Scope 2 GHG emission per unit of module product: 5.99 tCO₂e/MW , a 75.19% reduction compared to the 2020 baseline	
		Reduce Scope 1 and Scope 2 GHG emission intensity (tCO ₂ e/MW) of cell production 50% by 2025 from a 2020 base year	Scope 1 and Scope 2 GHG emission per unit of cell product: 27.33 tCO₂e/MW , a 43.43% reduction compared to the 2020 baseline	

[1] SPBU: Solar Product Business Unit, ESBU: Energy Storage Unit, TBU: Tracker Business Unit

Issues	Contribution to UN SDGs	2025 Target	2025 Performance	Target Achievement Status
Water Management		Reduce water consumption intensity of module production (tons/MW) 20% by 2025 against the 2020 baseline	Water consumption per unit of module product: 13.55 tons/MW , an 84.02% reduction compared to the 2020 baseline	✔
		Reduce water consumption intensity of cell production (tons/MW) 20% by 2025 against the 2020 baseline	Water consumption per unit of cell product: 86.53 tons/MW , a 91.62% reduction compared to the 2020 baseline	✔
Labor Practice		No adverse human rights incidents involving child labor, forced labor, discrimination or other similar violations	During the Reporting Period, no adverse human rights incidents involving child labor, forced labor, discrimination, or other similar violations occurred	✔
		Conduct human rights risk assessments across all production and operational sites and the supply chain	Conduct human rights risk assessments across all production and operational sites and the supply chain	✔
Occupational Health and Safety		Lost Time Injury Rate (LTIR) per million work hours not exceeding 0.785	Lost Time Injury Rate (LTIR) per million work hours: 0.504	✔
		Zero work-related fatalities	Zero work-related fatalities	✔
Human Capital Development		Collective agreement coverage rate: 100%	Collective agreement coverage rate: 100%	✔
		Social security coverage rate: 100%	Social security coverage rate: 100%	✔
Compliance and Risk Management		No major compliance incidents	No major compliance incidents occurred during the Reporting Period	✔
Anti-Corruption and Business Ethics		Conflict of interest declaration completion rate for executives and employees: 90%	Conflict of interest declaration completion rate for executives and employees: 99%	✔
		Full coverage of business ethics training (Board: 100%; Employees: 100%)	Training coverage for Directors and Employees: 100%	✔
		Business ethics complaint handling rate: 100%	Effective complaint handling rate on the reporting platform during the Reporting Period: 100%	✔
		No litigation or administrative penalties resulting from unfair competition	No litigation or administrative penalties resulting from unfair competition occurred during the Reporting Period	✔
Information Security and Privacy Protection		No major information security incidents	No major information security incidents occurred during the Reporting Period	✔
		No privacy breaches involving customers, suppliers, and employees	No privacy breaches involving customers, suppliers, and employees occurred during the Reporting Period	✔

Awards and Honors

2025 Sustainability Awards and Honors

Dimension	Award	Awarding Organization
 <p>Governance</p>	Fortune Global New Energy Enterprises 500	Fortune China
	Fortune China Technology 50	Fortune China
	Fortune China 500	Fortune China
	Most Admired Chinese Companies (New Energy Sector)	Fortune China
	Included in S&P Global Sustainability Yearbook (China Edition) 2026	S&P Global
	Wind China Listed Companies ESG Best Practices 100	Wind
	Bloomberg Businessweek & Bloomberg Green Watchlist 2026: ESG Champion	Bloomberg Green, Bloomberg Businessweek
	Sustainable Pioneer Case	Yicai Global, Shanghai Services Federation
	Forbes China Sustainable Industrial Enterprise	Forbes China
	Forbes China Go-international Flagship Brands Top 30	Forbes China
	Brand Leadership & Sustainability Rating (AA+) Top Brand PV (Latin America) Sustainable Management Award	EUPD Research
	Sustainable Development Performance Award	British Standards Institution (BSI)
	China Enterprise 500	China Enterprise Confederation, China Enterprise Directors Association
	China Manufacturing Enterprise 500	China Enterprise Confederation, China Enterprise Directors Association
	China Private Enterprise 500	All-China Federation of Industry and Commerce
	Top 10 China Enterprises for Tech Innovation	Southern Weekly
"Sustainable Brand Model" Energy Saving, Low Carbon, and Corporate Compliance Award	Huxiu	

ESG Ratings

As of May 2026

25.6

Morningstar Sustainability
ESG Rating



Silver

EcoVadis Sustainability Rating



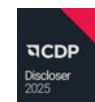
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S&P Global Corporate
Sustainability Assessment (CSA)



**Climate Change: B
Water Security: B**

Carbon Disclosure Project (CDP)



**ER 2
Band Score 82**

Sustainable Fitch ESG Rating



Silver

Yiwu module
Dongtai module / Yancheng module

SSI ESG Standard



Silver

Yiwu module
Dongtai module / Yancheng module

SSI Supply Chain Traceability Standard



AA



Wind ESG Rating



AA

Huazheng ESG Index



Dimension	Awards	Awarders
 <p>Environmental</p>	Carbon Neutrality Green Influence Leading Brand	China Energy News
	Included in Pioneer Environment & Excellent Role Model Top 10 Cases	China Energy News, China Energy Economic Research Institute, Green Light Climate Academy
 <p>Social</p>	China Supply Chain ESG Management Demonstration Enterprise	China Enterprise Reform and Development Research Association (CERDRA) and others
	China Supplier ESG Rating Platform: Six-Star "Excellence" Rating	China Supplier ESG Rating Platform
	Listed Companies Rural Revitalization Excellent Practice Case	China Association for Public Companies
	Wokrplace for All	Bloomberg Green
	Global Talent Magnet Employer	LinkedIn
	Best Employer	Hroot
	Tech Innovation Talent Cooperation Award	Fudan University
	China Most "New Quality Spirit" Employer	Zhaopin
Outstanding Employer	51job	
Included in Philanthropist Heritage Series Innovation Cases	Center for Social Governance and Public Communication	

Memberships and Commitments

- Member of the United Nations Global Compact (UNGC)
- Signatory Company of the United Nations Women's Empowerment Principles (WEPs)
- Member of the Solar Stewardship Initiative (SSI)^[2]
- Member of the Global Solar Sustainability Alliance (GSSA)
- Member of the Supply Chain ESG Management Initiative (SCSI)
- Member of the Global Solar Council (GSC)
- Member of Solar Power Europe

[2] SSI is a multi-stakeholder initiative driving sustainability and responsible practices across the solar supply chain. The SSI works with multiple stakeholders to foster responsible production, sourcing, and materials stewardship. For more information, please visit solarstewardshipinitiative.org.



Annual Feature Digital-intelligent Traceability—Building a Trustworthy PV and Storage Supply Chain

Amidst the accelerating global energy transition and increasingly stringent supply chain compliance requirements, Trinasolar leverages "Digital-Intelligent Traceability" as a core driver to systematically establish a transparent, responsible, and sustainable Solar+Storage supply chain system. In 2025, the Company continued to deepen responsible supply chain management, seamlessly integrating compliance reviews, digital capacity building, and low-carbon practices. Guided by the strategic guidelines of "Forward-looking Insights, Systematic Planning, Strategic Planning, Governance Leadership, Operational Implementation, and Value Creation", the Company actively empowers partners and co-constructs an ecosystem, providing a trustworthy green foundation for the industry's high-quality development.

01

Compliance First: Building a Solid Foundation for Responsible Supply Chain Management

Trinasolar consistently upholds compliance as the bottom line of supply chain management, reinforcing multi-dimensional controls to ensure transparency and accountability across the entire chain.

The Company focuses on responsible mineral tracing, establishing a full-chain traceability mechanism for conflict minerals and critical materials to ensure compliant sourcing and transparent processes. Simultaneously, we deepen the WEEE (Waste Electrical and Electronic Equipment) recycling response mechanism and enhance product lifecycle management to increase resource efficiency.

During supplier onboarding and annual ESG audits, the Company evaluates supplier ESG performance and strengthens compliance reviews regarding environment and labor human rights. Requirements such as eliminating forced labor, prohibiting child labor, and ensuring employee occupational health and safety are embedded into the supplier onboarding and audit processes.

To systematically address global compliance challenges, Trinasolar has integrated core requirements into its supplier due diligence audit system by aligning with overseas regulations and standards, including the EU Corporate Sustainability Due Diligence Directive (CSDDD), the EU Conflict Minerals Regulation, the EU Batteries and Waste Batteries Regulation, Responsible Minerals Initiative (RMI) standards, and the multi-stakeholder Solar Sustainability Initiative (SSI) management standards. The Company publishes core documents, including the Supply Chain Due Diligence Manual and Supplier CSR Code of Conduct, on the official website. Relevant requirements are also communicated to suppliers through annual ESG empowerment training. In the energy storage sector, addressing the "Battery Passport" data requirements of the EU Batteries and Waste Batteries Regulation, the Company has proactively planned data collection and system integration. It formulated and published the EU Battery Regulation Information Disclosure Module Management Specification to ensure products meet requirements on schedule, achieving a seamless integration between international standards.

02

Digital-Intelligent Chain Strengthening: Deepening Platform Development and Building a Full-Spectrum Controllable Traceability Network

In 2025, Trinasolar prioritized the development and deployment of digital traceability platforms. We established an integrated digital traceability system, enabling end-to-end traceability management from raw material procurement to product delivery. The system encompasses core modules such as supplier qualification management, material batch tracking, and supply chain risk mapping, enhancing traceability efficiency and accuracy through digitalization and online integration.

Regarding policies and early warning mechanisms, the Company refined documents such as the Supply Chain Traceability Management System and Module Traceability Management Specification, clarifying traceability responsibilities and requirements at each stage. We also established a supply chain risk early warning mechanism, using risk maps to monitor the supply status of key materials in real-time, ensuring the integrity and reliability of the traceability chain. To strengthen ecosystem collaboration, the Company conducted 28 specialized training sessions for suppliers and internal staff, focusing on disseminating traceability management requirements and system operation procedures, thereby enhancing supplier collaboration and the quality of data reporting.

03

Low-Carbon Synergy: Data Synergy Driving Green Ecosystem Transformation of the Value Chain

Building upon data of production energy consumption, Trinasolar extends its traceability capabilities to carbon data management. Leveraging experience in carbon footprint management across multiple products, the Company actively empowers supply chain partners in carbon data collection and accounting, achieving a transition from "point-specific emission reduction" to "chain-wide synergy". Simultaneously, by integrating order, logistics, and carbon footprint data through the supply chain digital platform, Trinasolar guides partners to proactively reduce emissions. The Company is committed to periodic monitoring of suppliers' production energy consumption and carbon emissions, gradually advancing the achievement of carbon reduction goals.

In the area of green logistics packaging, the Company leads suppliers in launching green low-carbon initiatives, promoting recyclable packaging materials, and optimizing delivery routes. Through integrated transportation featuring "circular distribution + packaging recycling", the Company achieves a tripartite win-win for Trinasolar, suppliers, and logistics service providers, simultaneously reducing operating costs and carbon emissions.

Looking ahead, with digital-intelligent traceability as the connecting link, Trinasolar will continue to partner with supply chain partners to deepen the synergy mechanism of "co-empowerment of capabilities and co-prosperity of the ecosystem". With higher standards of transparency, more robust responsible practices, and more systematic low-carbon actions, the Company will contribute replicable and scalable Solar+Storage supply chain solutions to the global energy transition, ensuring that every unit of green power originates from a trustworthy source.

Sustainability Management

Trinasolar's Sustainability Management Culture



Sustainability Philosophy

Adhering to the sustainability vision of "Solar Energy for All", Trinasolar has established a distinctive SOLAR sustainability management culture, focusing on Sustainability, Optimization, Leading, Action, and Responsibility, to spearhead the Company's sustainability transformation.





The Company proactively aligns with the global sustainability agenda by responding to both domestic and international development initiatives. As a participant in the United Nations Global Compact (UNGC), we are committed to fulfilling its ten principles based on the United Nations conventions, covering human rights, labor standards, environmental stewardship, and anti-corruption, and carrying out more responsible business practices to support the realization of the United Nations Sustainable Development Goals (SDGs)

To fulfill our mission, the Company has formulated a sustainable development plan and phased goals, following the development path of "Forward-looking Insights, Systematic Planning, Strategic Planning, Governance Leadership, Operational Implementation, and Value Creation". This initiative sets a benchmark for sustainable development in the industry, and the Company is steadfastly advancing towards the sustainability vision of "Solar Energy for All".

Sustainability Governance System

Trinasolar has established a four-tier ESG governance structure encompassing corporate governance, management, execution, and supervision levels. During the Reporting Period, the Company revised and issued the Rules of Procedure for the Strategy and Sustainability Committee of the Board of Directors and restructured the former Strategy Committee into the Strategy and Sustainability Committee, designating it as the specialized body responsible for overseeing the Company's long-term development strategy, major investment decisions, and ESG management. The Board of Directors and its Strategy and Sustainability Committee serve as the highest decision-making body for ESG matters, with the Chief Executive Officer (CEO) serving as a member of the Committee to oversee ESG and sustainability matters.

Trinasolar Sustainability Governance Structure

 Governance	Board of Directors The Board of Directors, as the highest governance body for ESG matters, oversees and directs the management of ESG and sustainability issues.	Strategy and Sustainability Committee The Strategy and Sustainability Committee serves as the governance body for ESG management and the highest decision-making body for ESG matters. Accountable to the Board of Directors, it deliberates on the Company's sustainability and ESG planning goals, performance, annual Sustainability/ESG Report, and other major matters. It guides and oversees the implementation of sustainability and ESG initiatives and makes recommendations to the Board of Directors.
	ESG Management Committee The ESG Management Committee, as the administrative body for ESG matters, is responsible for organizing and advancing ESG management work, reviewing key control mechanisms, approving ESG strategy deployment plans and performance assessment frameworks, ensuring alignment between ESG KPIs and corporate strategic objectives, developing integrated ESG roadmaps and annual action plans (Including but not limited to Response to Climate Change, Water Management, Sustainable Supply Chain, Labor Practice and Opportunities in Clean Tech), coordinating cross-functional governance of critical ESG issues, and monitoring the operation of the ESG management system.	
 Management	ESG Working Group and Undertaking Departments ESG undertaking departments under Business Units (BUs) and Marketing Units (MUs) are responsible for ESG management, compiling ESG information within their departments, implementing plans and executing ESG decisions. The ESG Working Group designates specific individuals to be responsible for ESG management and to coordinate ESG-related issues.	
	Audit and Supervision Department The third line defense mechanism is established to provide independent supervision of ESG management.	
 Executive		
 Supervision		




Linking ESG Performance Assessment to Compensation and Incentives

Trinasolar develops an annual ESG management review plan aligned with the progress of ESG strategic goals and key initiatives, advancing the integration of ESG performance assessment with compensation and incentive schemes. During the Reporting Period, Trinasolar conducted process management and evaluation on the following core ESG topics. Evaluation results were incorporated into the performance assessments of relevant departments, including ESG Management, Supply Chain Strategy, Human Resources, EHS, Compliance, Procurement, and Sales, thereby linking them to the compensation and incentive system:

- ESG Management System Development
- Innovation and R&D
- Compliance and Business Ethics
- Climate, Carbon Emissions, and Energy Management
- Product Quality, Recyclability, and Circularity
- Occupational Health and Safety
- Employee Rights
- Supply Chain Due Diligence and Traceability

Engagement with Stakeholders

Trinasolar is committed to establishing a resilient and transparent routine stakeholder engagement mechanism. During the Reporting Period, we enhanced efforts in the following areas:

- 
Adopting the Double Materiality Concept:
 We assessed ESG material issue across two dimensions: their impact on the economy, environment and society and their impact on internal financial performance, identifying issues with both Impact Materiality and Financial Materiality.
- 
Actively Responding to ESG Inquiries:
 We established a multi-channel ESG communication platform with investors and other external institutions through online and offline interviews, questionnaires, and other formats. This allows us to understand their perspectives, goals, and recommendations on Trinasolar's key ESG issues, which are then incorporated into our ESG strategic planning.
- 
Strengthening Engagement with Customers and Suppliers:
 During the Reporting Period, we conducted in-depth ESG-themed interviews with core customers and suppliers for the first time. We sought to understand their concerns and expectations regarding Trinasolar's ESG performance, shared our management experiences and initiatives, and explored industry sustainable development pathways. Additionally, we extended our corporate influence to surrounding communities to jointly support sustainable development.
- 
Promoting Sustainable Development via Social Media:
 We regularly share Trinasolar's sustainability philosophy and practical achievements through text- and video-based content across social media platforms. This communications help a broader range of stakeholders better understand our sustainability initiatives and promote greater awareness of sustainability across society.

Stakeholders	Focused Sustainability Issues	Corporate Communication Channels	2025 Communication Highlights
Customers	<ul style="list-style-type: none"> Innovation and Technological Leadership Product Safety and Quality Sustainable Supply Chain Occupational Health and Safety Compliance and Risk Management 	<ul style="list-style-type: none"> Social Media Platforms (e.g., Official Accounts) Customer Satisfaction Surveys Customer Complaint Handling Surveys and Interviews 	<ul style="list-style-type: none"> 24-hour customer complaint response rate: 99.41%, Global customer complaint closure rate: 95.22% Customer ESG communication sessions: 15
Shareholders and Investors	<ul style="list-style-type: none"> Economic Benefits and Return on Investment Corporate Governance 	<ul style="list-style-type: none"> Instant Messaging and Telephone Communication Investor Meetings (Virtual & In-Person) Performance Release Conference Shareholders' Meeting Roadshows and Reverse Roadshows 	<ul style="list-style-type: none"> During the reporting year, Trinasolar convened 7 shareholder meetings and held 3 performance briefing sessions. Additionally, the Company participated in 223 investor engagement activities, including broker strategy meetings, conference calls, roadshows, site visits, and industry conferences. Trinasolar also responded to 149 inquiries via the investor relations interaction platform, conducted 26 email communications, and arranged 443 telephone discussions with investors.
Government and Regulatory Authorities	<ul style="list-style-type: none"> Environmental Compliance Management Corporate Governance Compliance and Risk Management 	<ul style="list-style-type: none"> Government-Enterprise Communication and Reporting Compliance Information Disclosure 	<ul style="list-style-type: none"> The Company attended the Boao Forum, World Economic Forum, and China-Europe Business Leaders' Dialogue.
Employees	<ul style="list-style-type: none"> Product Safety and Quality Environmental Compliance Management Occupational Health and Safety 	<ul style="list-style-type: none"> Staff and Workers' Congress Employee Forum Employee Activities Employee Training (including Online Training Platform) Employee Opinion Collection and Feedback Platform Trade Union Platform Plant Manager's Mailbox Employee Satisfaction Survey 	<ul style="list-style-type: none"> Employee interaction activities addressed 10,557 inquiries. The "Digital-Intelligent Union" integrated service platform recorded cumulative visits exceeding 270,000, serving over 140,000 employee instances. The employee complaint platform received 72 valid reports, achieving a 100% processing completion rate.
Suppliers and Business Partners	<ul style="list-style-type: none"> Innovation and Technological Leadership Environmental Compliance Management Product Safety and Quality Economic Benefits and Return on Investment Labor Practice 	<ul style="list-style-type: none"> Supplier Assessment Supplier Quality Communication Supplier Training Supplier Survey and Due Diligence 	<ul style="list-style-type: none"> Conducted ESG empowerment training for suppliers, with 520 supplier representatives participating.
Local Community and Non-Governmental Organizations	<ul style="list-style-type: none"> Environmental Compliance Management Economic Benefits and Return on Investment Occupational Health and Safety Biodiversity Rural Revitalization and Community Contribution Protection of Indigenous Peoples 	<ul style="list-style-type: none"> Philanthropic Initiatives Community Engagement Survey Questionnaires 	<ul style="list-style-type: none"> Leveraging technical advantages, Trinasolar innovated "Agrivoltaics" and "Fishery-Photovoltaics" models, implementing power generation above panels and farming and breeding below in rural areas to revitalize the local economy and boost household incomes. Through the professional operation of its foundation, Trinasolar continues to support vulnerable groups, including children with autism. Additionally, it donates PV modules to communities to create green employment opportunities.
Industry Associations and Academic Institutions	<ul style="list-style-type: none"> Innovation and Technological Leadership Green Lifecycle Management Response to Climate Change Opportunities in Clean Tech Sustainable Supply Chain Industry Cooperation and Development 	<ul style="list-style-type: none"> Industry Exhibitions and Forums Academic Seminars Technical Visits University-Enterprise Cooperation 	<ul style="list-style-type: none"> In Spain, we jointly established a demonstration center with the Solar Energy Institute of Universidad Politécnica de Madrid, providing students with a hands-on platform for cutting-edge technologies. In Brazil, we partnered with Facens University to set up an innovation training center.
Media	<ul style="list-style-type: none"> Environmental Compliance Product Safety and Quality 	<ul style="list-style-type: none"> Information Disclosure Media Interviews and Communication Management Exclusive Interviews 	<ul style="list-style-type: none"> Trinasolar's initiatives and achievements have garnered significant attention from leading domestic and international media outlets, including Xinhua News Agency, People's Daily, CCTV, Reuters, and The Wall Street Journal. Nearly 370 reports have highlighted the Company's advances in technological innovation, ESG practices, smart energy solutions, and global expansion in energy storage.

Material Sustainability Issues

Trinasolar conducts an annual materiality assessment with the participation of both internal and external stakeholders. The Company has integrated the double materiality assessment process—encompassing both “financial materiality” and “impact materiality”—along with its outcomes into its Enterprise Risk Management (ERM) framework. During the Reporting Period, in accordance with the SSE Sustainability Reporting Guidelines^[3], the Preparation Guide for Sustainability Reports^[4], and the latest international sustainability disclosure standards, Trinasolar enhanced its methodology for analyzing material sustainability issues. Through diversified research approaches, including surveys, in-depth interviews, and external consultations, the Company carried out a double materiality assessment based on “impact materiality” (covering economic, social, and environmental effects) and “financial materiality” (covering internal impacts on business performance and development). This enhancement allows material issues to systematically presented through a double materiality matrix, helping the Company more comprehensively identify ESG priorities and areas for improvement, and integrate material sustainability issues into future ESG strategy planning, operations, and decision-making.

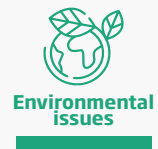
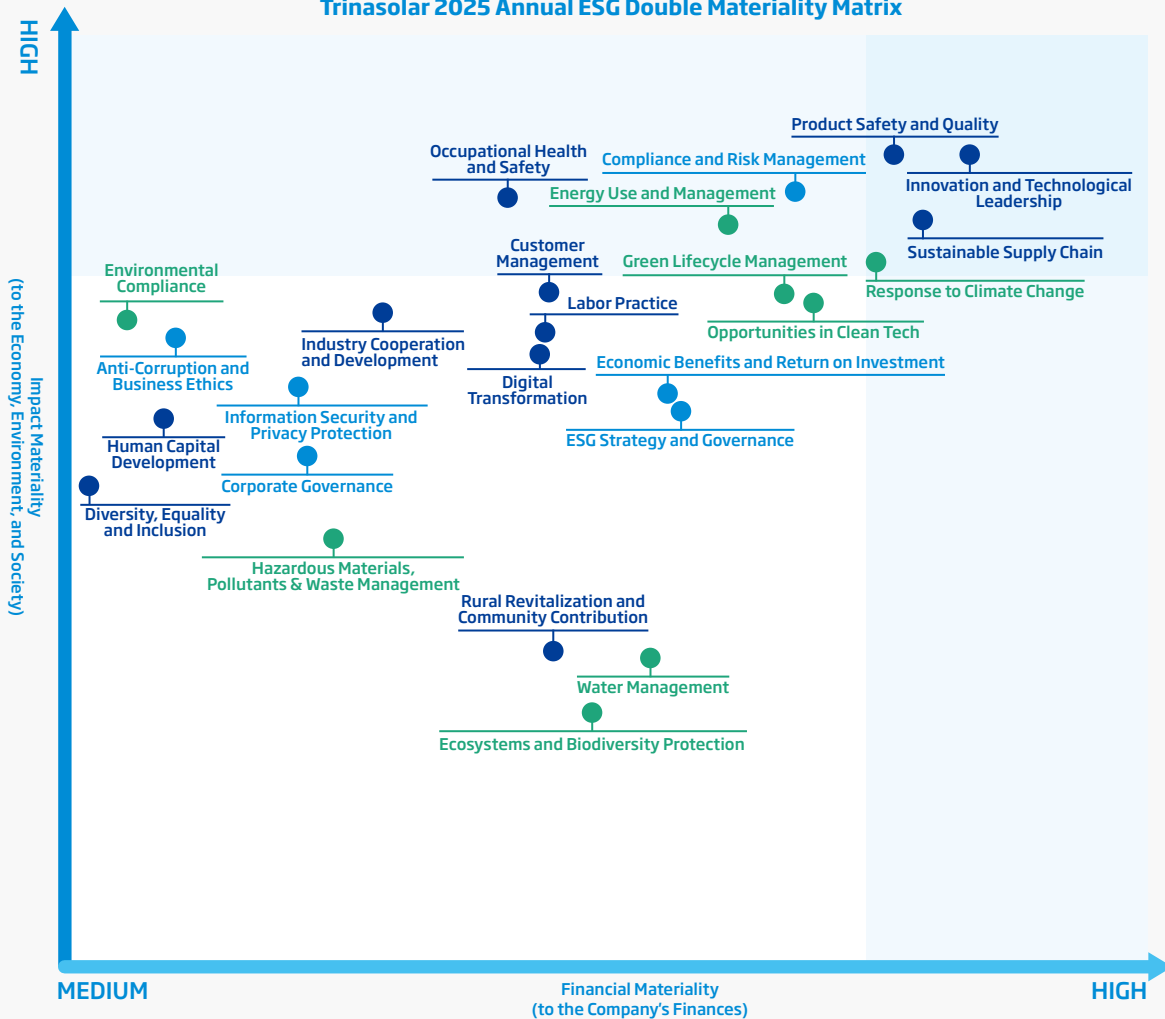
Furthermore, the process and results of the 2025 materiality assessment have been reviewed and approved by the Board of Directors and verified by the third-party assurance provider TÜV SÜD. For details, please refer to the Assurance Statement in the Appendix of this report.

<h3 style="margin: 0;">01 Value Chain Boundary Definition and Impact Mapping</h3>	<p>From a full lifecycle perspective of the photovoltaic industry, we conduct an in-depth analysis of the Company's business boundaries to identify the value transfer pathways from upstream raw materials to downstream applications. In this process, we not only consider the direct environmental footprint of business activities but also dynamically assess potential challenges to operational resilience by incorporating external variables such as macro-regulatory policies, industry technology iterations, and geopolitical factors. This enables precise identification of key internal and external stakeholders who are impacted by or can impact the business.</p>
<h3 style="margin: 0;">02 Building a Multi-dimensional Stakeholder Dialogue Network</h3>	<p>We have established a regular two-way communication ecosystem. Through diverse channels such as investor hotlines, supply chain conferences, customer satisfaction surveys, and employee forums, the Company maintains frequent interaction with core partners. Particularly during the Reporting Period, we launched a dedicated in-depth interview program to specifically gather the latest expectations of supply chain partners and customers regarding key issues such as green supply chains and product carbon footprints, ensuring their voices are heard and documented.</p>
<h3 style="margin: 0;">03 Dynamic Calibration of the Material Topics Pool</h3>	<p>Building upon the 21 baseline topics outlined in the SSE Guideline, we incorporated cross-referencing with international mainstream standards such as GRI, ISSB, and ESRS. Simultaneously, by considering overseas market access barriers, key assessment points from rating agencies, and industry best practices, we filtered the initially selected topics for applicability. After multiple rounds of screening and consolidation, we refined 25 material issues aligned with the Company's strategic development direction, forming Trinasolar's material issues list.</p>
<h3 style="margin: 0;">04 Quantitative Assessment of Double Materiality Dimensions</h3>	<p>Impact Materiality: Through specially designed survey questionnaires, we quantitatively analyzed the substantive degree of impact of each topic on the environment and society. Building on the surveys, our in-depth interviews covered five core suppliers and two strategic customers, while the survey also incorporated internal employee perspectives to ensure the assessment results are broadly representative.</p> <p>Financial Materiality: Focusing on the topics' financial impact on the Company. An assessment panel composed of management and the ESG function evaluated short, medium, and long-term risks and opportunities from the two dimensions of “magnitude of financial impact” and “probability of occurrence” through stress testing and scoring, thereby identifying key financial material topics.</p>
<h3 style="margin: 0;">05 Governance-level Review and Disclosure Decision-making</h3>	<p>We submitted the raw data and matrix analysis results of the double materiality assessment to an internal cross-departmental working group for deliberation and introduced external expert perspectives for calibration. The finalized priority ranking and materiality thresholds were presented to the Board's Strategy and Sustainability Committee for final review. The topics approved by the Board serve as the core focus for information disclosure in this report and guide subsequent resource allocation and management actions.</p>

[3] The Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial) (hereinafter referred to as the “Guideline”)
 [4] The Guidance No. 4 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Preparation of Sustainability Report







Trinasolar 2025 Annual ESG Double Materiality Matrix



The assessment results indicate that four topics were identified as "double-materiality topics": Innovation and Technology Leadership, Product Safety and Quality, Sustainable Supply Chain, and Climate Change Response. Three topics were classified as "impact-materiality only": Occupational Health and Safety, Compliance and Risk Management, and Energy Use and Management. No topics were classified as "financial materiality only". For financially material topics, in accordance with the requirements of the SSE Guideline, the Company addresses them in this report across four dimensions: Governance, Strategy, Impact, and Risk and Opportunity Management, as well as Metrics and Targets.



We have selected the financially material topics and organized them by type of risk and opportunity, scope of impact across the value chain, and time horizon. For details, please refer to the table below.

Issue	Risk/Opportunity	Description	Value Chain Scope	Time Horizon ^[3]
 Innovation and Technological Leadership	Opportunity	Strengthening product iteration and delivery capabilities through technological innovation and smart manufacturing to drive revenue growth.	Downstream	Short-term Medium-term Long-term
	Risk	Suppliers' sustainability performance failing to meet market requirements, increasing compliance cost risks.	Upstream	Short-term Medium-term
 Sustainable Supply Chain	Risk	High energy consumption in upstream manufacturing processes faces carbon tariff pressure, requiring capital investment for technical upgrades, thereby increasing operational costs.	Own Operations	Short-term Medium-term
	Opportunity	Collaborating with suppliers on emission reduction and using green electricity to lower product carbon footprint, facilitating faster access to global markets.	Upstream Own Operations	Medium-term
 Product Safety and Quality	Positive Impact	Excellent product quality ensures performance and reliability throughout the product lifecycle, thereby extending customer product usage periods.	Downstream	Short-term Medium-term Long-term
	Risk	Increasing competition in the PV industry may elevate difficulties in quality control due to competitive pressures, raising the Company's internal quality control and after-sales maintenance costs. Concurrently, resulting customer complaints can damage corporate reputation, increase customer retention costs, and lead to downstream customer loss.	Own Operations Downstream	Short-term
	Opportunity	By strengthening internal R&D and quality control systems, we comprehensively enhance customer satisfaction and loyalty, thereby boosting corporate market competitiveness.	Downstream	Medium-term Long-term
 Response to Climate Change	Positive Impact	Trinasolar provides comprehensive solutions covering wafers, cells and modules, PV trackers, energy storage systems, and smart energy solutions, holistically supporting the global energy transition and carbon neutrality. Simultaneously, the Company actively promotes the construction of "Zero-Carbon Factories", increases the proportion of green electricity used in production, and builds a green supply chain, effectively reducing the product lifecycle carbon footprint.	Upstream Own Operations Downstream	Short-term Medium-term Long-term
	Negative Impact	The ingot pulling and cell production stages in the upstream value chain are highly energy-intensive. Insufficient substitution of conventional power with renewable electricity during production may result in significant Scope 2 greenhouse gas emissions.	Upstream Own Operations	Short-term Medium-term
	Risk	<p>Physical Risks: Extreme weather events (e.g., floods, typhoons) may impact the safety of production facilities, logistics and supply chain stability, and the power generation efficiency of PV power plants.</p> <p>Transition Risks: Increasingly stringent global carbon tariffs (e.g., the EU CBAM) and supply chain carbon footprint traceability requirements may increase export-related compliance costs.</p>	Own Operations Downstream	Short-term Medium-term Long-term
	Opportunity	<p>Energy Conservation & Emission Reduction: Reduce energy consumption per unit of output and lower energy usage costs through digital energy management systems and technical upgrades.</p> <p>Business Growth: Leveraging the "PV + Storage" integration strategy, the energy storage business and the BOS cost reduction advantage at the system level brought by 210 mm large-format modules present significant growth opportunities.</p>	Own Operations Downstream	Short-term Medium-term Long-term

[3] Timeframe Definitions: Short-term: 0-2 years, Medium-term: 3-5 years, Long-term: 6-10 years.

01

Leading the Innovation Ecosystem

As a global leader in the new energy industry, Trinasolar leverages its innovative business models and deep R&D capabilities, collaborating with partners to continuously unleash innovation momentum. Facing the new era of new energy development, the Company is committed to pioneering smart energy solutions, setting a new paradigm for industry progress.

- Innovation and Technology Leadership 16
- Digital Transformation and Intelligent Manufacturing 24
- Green Product Full Lifecycle Management 28



Innovation and Technology Leadership

Trinasolar adheres to an innovation-driven approach, with strategic and in-depth deployment across four core sectors: photovoltaics, energy storage, system solutions, and digital energy services. This drives the ecosystem-wide advancement of integrated smart energy solutions. The Company's outstanding technological foresight and ecosystem synergies accelerate the large-scale global application of smart energy, contributing to a net zero future.

Governance

Trinasolar has established an innovation and R&D system comprising the strategic decision-making level, R&D management, research platforms, and business units.

The Board of Directors is responsible for reviewing and establishing R&D directions aligned with the sustainable development strategy. R&D management leads the formulation of R&D management systems and medium-to-long-term technology roadmaps. Research platforms focus on validating cutting-edge technologies and tackling key technical challenges, providing a solid technological foundation for product development. Business units drive scenario-based application development and cross-departmental collaboration, continuously improving the efficiency of transforming key technological achievements.

To promote the high-quality development and sustained technological innovation of the energy storage industry, and adhering to the philosophy of "researching the next generation, commercializing the current generation, and reserving future generations", the Company has established the AES Energy Storage Technology Research Institute and the Energy Storage Product Research Institute. This specialized structure empowers breakthroughs in energy storage technology and product upgrades. The AES Energy Storage Technology Research Institute primarily undertakes core tasks such as mass production R&D and technology introduction of new lithium battery cells, process optimization, technology roadmap advancement, and equipment selection/development. It focuses on enhancing capabilities in cell manufacturing and engineering implementation. The Product Research Institute specializes in product development, product iteration, and technology roadmap support, driving technological innovation and application throughout the entire product lifecycle. The two institutes work in synergy to provide robust support for the ongoing innovation and development of the energy storage business.

While focusing on R&D innovation and commercialization, the Company also integrates the management principles of "green, safe, and compliant" throughout the entire lifecycle of technological innovation. In 2025, to meet requirements related to green, safe, and compliant R&D, the Company added 21 new R&D and innovation management systems and revised/improved nine existing management systems.



Strategic Decision-making

Reviewing technology R&D strategies and defining the Company's medium-to-long-term development roadmap.



R&D Management

Formulating R&D management systems, planning technology pathways, and overseeing the allocation of R&D resources.



Research Platforms

Tackling cutting-edge technologies and strengthening the technology reserve.



Business Units

Advancing product development and adaptation validation to accelerate the efficient commercialization and deployment of technological achievements.



Strategy

Clean Technology Opportunities and R&D Deployment

Trinasolar capitalizes on opportunities driven by the global energy transition and carbon neutrality goals, fostering synergy across all business product lines through deep integration to continuously expand its portfolio of net-zero, all-scenario, and smart energy solutions globally.

Additionally, Trinasolar closely aligns its strategy with climate change dynamics and scenario opportunities, transforming complex application scenarios into R&D momentum. This has enabled the successful development of a product matrix designed to meet the requirements of diverse scenarios and the new power system.

Hot Trend	Region	Trinasolar's R&D Opportunities	Trinasolar's R&D Layout
Global Carbon Compliance & EU CBAM Implementation	Global	Traceability of Renewable Electricity	Develop a smart energy cloud system to achieve precise electricity usage traceability.
Global Energy Transition & Rising Demand for Grid Resilience	Global	Enhancing the Stability of Global Renewable Energy Supply	Research and develop grid-forming energy storage systems, creating integrated solutions with autonomous dispatch capabilities to continuously improve the stability of clean energy utilization.
Frontier Trend of Space-based Photovoltaics	Global	Entering the Frontier Track of Space Energy, Seizing the High Ground of Next-Generation PV Technology	Lead in perovskite technology, focusing on R&D of perovskite and space-based PV frontier technologies, continuously increasing efforts in key technology breakthroughs and resource investment, accelerating the industrial applications of frontier innovation achievements.
China's Green Electricity Marketization & Consumption Mechanism Reform	Domestic	Promoting High-Proportion Consumption of Renewable Energy	Develop long-duration, high-rate energy storage technologies. Strengthen regional grid support to effectively increase customers' green electricity consumption ratio.
Construction of Large-Scale Bases in Sandy, Gobi, and Desert (SGD) Regions	Domestic	Achieving Synergistic Development of PV Deployment and Land Protection	Iterate and upgrade highly adaptable smart tracking systems to facilitate the coordinated advancement of fragile ecosystem restoration and clean energy development.
"East Data West Computing" Project	Domestic	Empowering Green Computing Power with AI Technology	Research and develop a dynamic dispatch system for "generation-grid-load-storage-charging" to provide a solid green energy foundation for AI computing power.
"Marine Power" Strategy	Domestic	Expanding Application Scenarios for Marine Clean Energy	Develop highly reliable marine PV modules, enhancing product adaptability to extreme marine climates.
Rural Revitalization Strategy	Domestic	Supporting Green Rural Development with Clean Energy	Promote integrated "PV-storage-charging-discharging" microgrid systems, deeply expand agricultural application scenarios, and build diversified new business models for rural development.



Cell Efficiency and Lightweight Design: To meet the extreme requirements of high power, high weather resistance, and lightweight materials across diverse application scenarios, the Company continues to advance cell efficiency optimization and the exploration of new module materials. Efforts are accelerating in the development of highly flexible, low-weight-per-unit-area module technologies, precisely enabling deployment in low-load-bearing rooftop scenarios.



Extreme Climate Resilience: Through the development of enhanced encapsulation materials and anti-corrosion processes, the Company improves module durability in high-salt-spray, high-UV, and large-temperature-difference environments, ensuring ultra-long reliable service life under extreme operating conditions.



System Safety and Stability: The Company has established a "four-tier safety protection framework" for energy storage systems, covering enclosure, thermal management, electrical systems, and battery management system (BMS) safety, ensuring absolute security across diverse application scenarios.



Energy Storage Capacity Enhancement: Through optimization at the fundamental battery cell and system architecture levels, overall energy storage efficiency is significantly improved, providing the most economically viable capacity support for green power consumption and microgrid operation.



Dynamic Response and Adaptability to Extreme Scenarios: By integrating climate-adaptive tracking algorithms, the system achieves strong adaptability to extreme conditions, enabling proactive risk avoidance in severe weather. For complex terrains such as sandy ground, marshlands, and steep slopes, diverse pile foundation solutions are developed to expand construction boundaries.



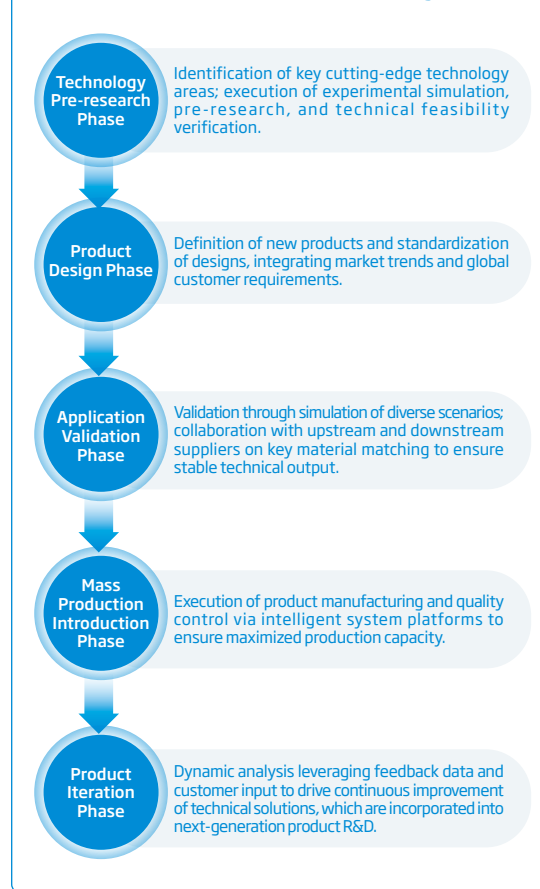
Empowering Green Energy Opportunities: The Company has established an end-to-end transaction model covering electricity retail, virtual power plants, and green electricity/certificate trading, empowering partners to capture opportunities in the evolving electricity market.



Product Development Process

To strengthen the systematic management of the R&D process, the Company has established a complete technical validation pathway covering R&D, trial production, and mass production. By closely focusing on global market trends and customer needs, the Company conducts efficient technology pre-research and refines the feedback mechanism from end-user operations to front-end R&D. This ensures that core application metrics are fully integrated into the development of next-generation technology iterations.

Trinasolar Product R&D Full Lifecycle



R&D Talent and Laboratory System

Leveraging high-level innovation platforms such as the National Postdoctoral Research Station and the Jiangsu Provincial Engineering Research Center, the Company drives progress in multiple dimensions: strengthening R&D infrastructure, cultivating R&D teams, improving the R&D system, and innovating incentive mechanisms. Through the in-depth implementation of a "going global and inviting in" strategy to attract talent and expertise, the Company continues to gather top industry technical professionals and outstanding research specialists. As of the end of the Reporting Period, the Company had 2,542 R&D personnel, accounting for 10.23% of the total workforce. The average compensation for R&D personnel in 2025 increased by 11.64% compared to the previous Reporting Period.


Systematic Empowerment: The Company has established and implemented an internal lecturer system, encouraging key R&D personnel to serve as internal mentors. Regular professional training and skill transfer activities are conducted to continuously strengthen team capability building and talent pipeline development.

R&D Achievement Incentives: The Company has set up special performance bonuses for scientific and technological research, closely linking incentives to key objectives such as breakthroughs in technical challenges, commercialization of patent achievements, and industrialization of projects. This effectively stimulates innovation vitality. We coordinate internal and external resources to actively assist teams in applying for talent programs, scientific and technological projects, and government-supported research initiatives, promoting the deep integration of talent growth with the Company's technological innovation strategy.

Equity Incentives for Talent: The Company provides diversified equity incentive plans for outstanding R&D and innovation talents.

Furthermore, the Company has long been committed to applied basic research and frontier technology development in the photovoltaic field. Relying on national-level innovation platforms such as the National Key Laboratory of Photovoltaic Science and Technology and the National Enterprise Technology Center, it actively participates in multiple scientific and technological programs, including national key R&D initiatives, provincial-level carbon peak and carbon neutrality innovation projects, and achievement transformation programs. Through these efforts, the Company has continuously made breakthroughs in key core technologies and achieved several significant results. It has been honored with titles such as "National Technology Innovation Demonstration Enterprise".





Trina Storage Secures Three Awards at ESIC 2025, Demonstrating All-round Innovation Strength

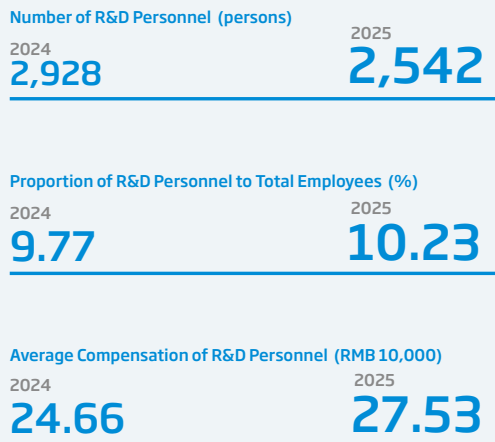
Trina Energy Storage delivered an outstanding performance at the 9th International Energy Storage Innovation Competition (ESIC 2025), winning Excellent Project Awards across three categories: Technological Innovation, Outstanding Product, and Energy Storage Patent. The Company was also recognized as a Top 10 Outstanding Product and a Top 5 Patent Innovation Model at ESIC 2025.

- **Technological Innovation:** Leveraging its high-temperature, high-efficiency, and long-life technology, the Company's products achieve safe and stable operation in environments up to 45°C.
- **Outstanding Product:** The Elementa+ King Kong 2 Battery Container, equipped with the self-developed 314 Ah Trina battery cell, achieves a system efficiency (RTE) of ≥95%, reduces unit cost by over 3%, and meets IP67 protection and UL9540A flame-retardant standards.
- **Energy Storage Patent:** The battery cell cooling system enables precise temperature control and efficient balancing, significantly enhancing system reliability.

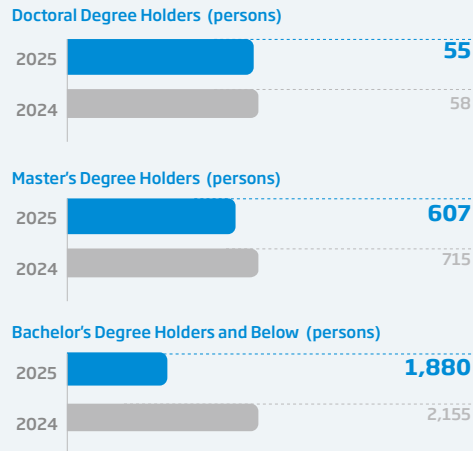
In 2025, supported by the National Key Laboratory of Photovoltaic Science and Technology, the Company's photovoltaic research team persisted in technological breakthroughs and independent innovation, setting eight new world records for photovoltaic efficiency within the year. As of the end of the Reporting Period, the team has achieved a cumulative total of 39 world records. Additionally, the laboratory has published over 600 academic papers and been granted more than 400 invention patents, of which nearly 300 are international patents authorized under the Patent Cooperation Treaty (PCT) or registered overseas.



Trinasolar R&D Personnel Key Performance Metrics



Education background structure of R&D personnel



Intellectual Property Protection

Intellectual Property Governance Structure

The Company places intellectual property management and protection at the strategic core of R&D and innovation, establishing a systematic IP development strategy to efficiently promote the transformation and industrialization of scientific and technological achievements, thereby providing solid support for the Company's high-quality innovation-driven growth. To this end, a clear, multi-level, and collaborative IP governance structure has been established:



Decision-making Level

The Intellectual Property Management Committee, operating under the Executive Management Team (EMT), is responsible for top-level IP strategy planning and major decision-making.



Execution Level

The IP management department, specialized task forces, and patent review bodies form an efficient collaborative mechanism to achieve closed-loop management throughout the entire IP lifecycle.



Business Management Level

Six core management modules have been established—IP Strategy, Quality Management, Compliance Control, Operation Management, Dispute Response, and Process Administration—enabling professional and systematic operations.



In 2025, the Company introduced over 30 new specialized IP management systems, continuously enhancing the quality and effectiveness of IP operations and management.

Trinasolar Six Major Intellectual Property Management Modules



Rights Protection and Risk Prevention Practices

Proactive Interception Mechanism at Ports: The Company has completed comprehensive registration of its core trademarks with the General Administration of Customs, enabling proactive interception of infringing goods at ports. This effectively prevents risks of brand imitation and safeguards brand value and market order.

Cross-departmental Collaboration on Copyright Risk Governance: A dedicated cross-functional team comprising the Legal Department, IP Department, IT Department, and Procurement Department has been established. Through regular meetings and case-specific discussions, a closed-loop management process has been implemented, covering external correspondence handling, internal investigation and evidence collection, response strategy formulation, and rights holder communication and negotiation.

In 2025, leveraging a professional, end-to-end intellectual property risk prevention and control system, the Company maintained **zero** litigation and **zero** economic losses in the copyright domain.

Intellectual Property Protection Training

The Company conducts a series of thematic training sessions every year on April 26, World Intellectual Property Day, and holds a special IP ENLIGHTMENT training program in August. The content covers multiple dimensions, including patent application and portfolio strategy, patent enforcement, trademark and copyright protection, and trade secret management. In 2025, the training was made available to all Trinasolar employees, with annual participation reaching 2,000 person-times. This has effectively enhanced all employees' awareness of IP risk prevention and compliance management competency, solidifying the talent foundation for the Company's technological innovation and intellectual property protection.



Trinasolar Participates in the Forum on High-Quality Development of Intellectual Property in the Photovoltaic Industry

In December 2025, the Forum on High-Quality Development of Intellectual Property in the Photovoltaic Industry, hosted by the China Photovoltaic Industry Association, was successfully held. A professional IP manager from the Company was invited to deliver a keynote speech titled Practices in Photovoltaic Intellectual Property Management and Protection and was specially appointed as a guiding expert.

Considering the status and challenges of IP development in the photovoltaic industry, the Company proposed an evolution path from "fragmented protection" to "holistic protection". It advocated for the industry to shift from "isolated breakthroughs" to "system-wide collaboration", recommending continuous innovation in IP operation models, strengthening whole-chain IP protection, and accelerating the establishment of industry self-regulatory norms to jointly foster a healthy and orderly ecosystem for industrial innovation.



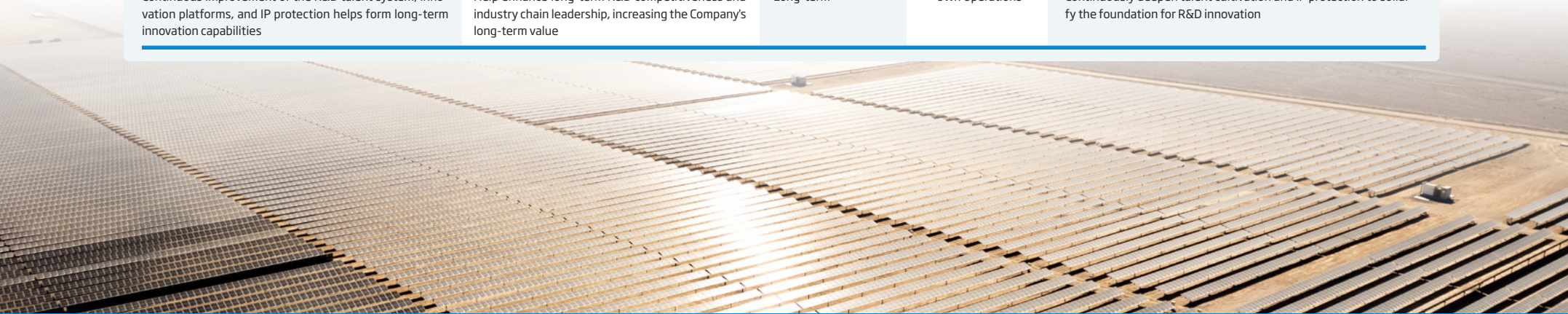
Trina Tracker Awarded the Silver Prize of the 25th China Patent Award

In 2025, Trinasolar was honored with the Silver Prize of the 25th China Patent Award for its patent titled "A Method for Estimating Direct Normal Irradiance Ratio Using Dual Pyranometers". This achievement set a new record for the best performance by a cell and module manufacturer in the history of this award and also marked the Company as the first enterprise in the photovoltaic tracker field to receive this national-level intellectual property honor. Jointly evaluated by the China National Intellectual Property Administration and the World Intellectual Property Organization, this award represents the highest recognition received to date for tracker technology in the field of intellectual property, signifying a major breakthrough in China's photovoltaic tracker technology.

Impacts, Risks, and Opportunities

Trinasolar fully recognizes the challenges and opportunities associated with innovation and technological leadership. The Company strengthens the management of identification, assessment, and response, and has formulated targeted response strategies. The specific analysis is detailed below:

Risk/Opportunity Factor	Potential Financial Impact	Time Horizon	Value Chain Scope	Response Measures
Rapid iteration of clean energy technologies. Insufficient reserve in key technologies or misjudgment in R&D direction may affect the technological leadership and market competitiveness of core products	Reduce R&D investment efficiency and product iteration speed, impacting market share and revenue contribution from new products	Medium to Long-term	Own Operations	Continuously strengthen the layout in cutting-edge technologies around clean energy opportunities and enhance the technical support of the Company's R&D and innovation platforms
Inadequate R&D process integration or stage validation may lead to prolonged R&D cycles and reduced efficiency in achievement conversion	Increase R&D costs, delay product time-to-market, and affect the industrialization benefits of innovation outcomes	Short to Medium-term	Own Operations	Continuously improve the closed-loop R&D process, strengthen review, validation, conversion, and feedback mechanisms to enhance the efficiency of R&D outcome realization
Insufficient reserve of high-level R&D talent may constrain breakthroughs in key technologies and innovation capabilities	Insufficient technical breakthrough capabilities hinder R&D project progress and impact technical output	Medium to Long-term	Own Operations	Continuously improve the R&D talent system and strengthen the development of professional talent teams
Inadequate intellectual property protection may lead to the loss of technical achievements or compromise returns on innovation	Undermines patent revenue, technical competitive advantage, and commercialization capabilities	Medium to Long-term	Own Operations	Enhance the intellectual property protection mechanism, strengthen patent protection layout, and improve technology achievement management and risk control
Growth in clean energy demand, construction of new power facilities, and expansion of diverse application scenarios provide market innovation opportunities for PV, energy storage, and tracking system products	Contribute to increased revenue from new products, enhance market share, and improve technology premium capability	Medium to Long-term	Own Operations, Downstream	Continuously strengthen R&D and innovation capabilities, and promote the diversification of product application scenarios
Continuous improvement of the closed-loop R&D process and achievement conversion mechanism helps enhance innovation efficiency	Help improve the input-output efficiency of technology investment, shorten time-to-market, and enhance operational returns	Short to Medium-term	Own Operations	Continuously optimize the management of R&D process nodes to improve rapid response capability from technology development to product application
Continuous improvement of the R&D talent system, innovation platforms, and IP protection helps form long-term innovation capabilities	Help enhance long-term R&D competitiveness and industry chain leadership, increasing the Company's long-term value	Long-term	Own Operations	Continuously deepen talent cultivation and IP protection to solidify the foundation for R&D innovation



Through continuous R&D investment, systematic intellectual property strategy, and organization-wide capability building, the Company converts innovation outcomes into sustainable competitive advantages, maintaining a leadership position amidst rapid technological iteration and intensifying market competition.

Trinasolar Core Innovation Achievements

Perovskite Cells: Paving the way for the next-generation high-efficiency technology path, 210 mm large-area, two-terminal tandem cell modules have achieved breakthroughs in both power output and efficiency.

i-TOPCon Ultra Cells: Advancing upgrades in key cell manufacturing processes, the product entered the mass production and delivery phase in the second quarter of 2025 following R&D verification, process qualification, and engineering integration, demonstrating readiness for large-scale application.

Vertex N-type 2000 V High-Voltage Modules: First launched by the Company in 2025, with a maximum power output of 630 W and an efficiency of 23.1%. Leveraging outstanding high-voltage compatibility and reliability design, they help utility-scale ground-mounted power plants achieve lower BOS costs and LCOE.

Elementa King Kong 3: Incorporating innovative technologies such as 587 Ah large-capacity cells, combined air-liquid thermal management, and a six-dimensional protection system. The single-container capacity exceeds 6 MWh, with module energy density improved by over 12% and station-level energy density enhanced by more than 24%. The system safety design has been comprehensively optimized, with simulation verifying the short-circuit performance of multi-branch parallel solutions. Selection and design of container-level high-current fuses and isolation switches have been completed, and the container design has passed large-scale fire tests and received authoritative certification.

Vanguard 1P Product: Through dual-drive linkage of the TCU and NCU, combined with the weather prediction function of the smart platform, it enables proactive risk-avoidance adjustments before severe weather events, improving operational safety and maintenance efficiency.

Trinasolar is committed to leveraging multi-domain application scenarios to identify optimal deployment sites for PV power stations, generating synergistic value that exceeds the sum of its parts. Through deepening scenario diversification and product refinement, we aim to co-create "innovation resonance" with industry partners.

Extreme Scenario Case

USA

100 MW Power Plant in a Hail-Prone Region of Texas

In a 100 MW PV power plant located in a hail-prone area of Texas, USA, a system-level protection solution centered on "module impact resistance enhancement + tracker protection strategies" was introduced to effectively reduce risks of module damage and equipment downtime caused by extreme hail weather. After implementation, the plant's average annual PV asset loss decreased by 94%, significantly improving asset safety and operational availability under extreme weather conditions, thereby further ensuring the stability and predictability of power plant revenue.

High Temperature Scenario Case

Egypt

Abydos 150 MW/300 MWh PV-Storage Project in Egypt

The Abydos 150 MW/300 MWh PV-storage project in Egypt faced dual challenges of high local temperatures and complex grid conditions, imposing stringent requirements on equipment endurance and grid adaptability. In response to the extreme heat conditions of the desert environment, Trinasolar deeply deployed the Elementa two energy storage system, integrating self-developed battery cells, intelligent liquid cooling technology, and multi-layer safety protection. This effectively addressed thermal management challenges in extreme heat, ensuring long-term stable operation and fully meeting the core safety and reliability requirements for local utility-scale applications.

Smart Energy Case

China

Digital Transformation Excellence Project, Domestic China

A green power and intelligent computing integrated demonstration microgrid project, jointly developed by Trinasolar and China Unicom, was awarded the "Digital Transformation Excellence Award" by Energy magazine. The project innovatively integrates smart microgrid technology with a digital twin model, enabling full-chain precise control and intelligent operation and maintenance. It ultimately reduced electricity costs by approximately 50% and overall operational costs by 15%, providing a replicable and scalable practical model for the low-carbon transition of high-energy-consumption computing infrastructure and fully demonstrating the innovative value of deep integration between energy and digital technologies.

Desert Area Solution Case

Navoi

100MW Navoi Photovoltaic Power Plant

Facing the environmental challenges posed by desertification, Trinasolar provided solutions to transform barren land into productive assets. The 100MW Navoi Photovoltaic Power Station – the first utility-scale ground-mounted PV plant in the Navoi region – has been operating stably for over three years. The project deployed Trinasolar's 210mm Vertex high-efficiency modules, featuring i-TOP-Con cell technology, combined with Vanguard 2P tracking systems designed with sand-proof and anti-wind features specifically for desert environments. This approach achieved a win-win scenario: it supplies clean electricity to approximately 31,000 local households annually, reduces carbon emissions by 150,000 tons per year, and simultaneously restores fragile desert ecosystems.

Metrics and Targets

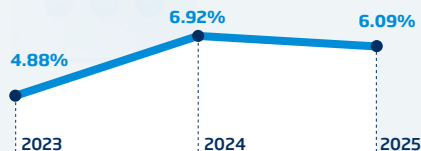
Innovation and R&D Targets

Trinasolar has a clear strategic commitment to clean technology as the core business focus and growth plans.

100% of the Company's primary operating revenue is derived from the clean technology industry, and **100%** of its R&D investment is directed towards the development of the clean technology sector. The Company has a quantitative target for 2026 to increase investment in clean technology - the R&D intensity (% of sales) should be **no less than 6%**.

R&D Intensity (% of Sales) Performance

R&D / Revenue



In 2025, the Company's R&D expenditure reached

RMB 4.078 billion

accounting for **6.09%** of its revenue.

The trend of R&D investment over the past three years has remained stable and increasing.

Patent Performance



Number of Invention Patent Applications Filed in 2025

999



Number of Invention Patents Granted in 2025

361



Cumulative Number of Valid Invention Patents as of the Reporting Period End

1,487

Standard-Setting Performance



Cumulative Participation in and Publication of External Technical Standards Development/Revision as of the Reporting Period End

299



External Technical Standards Development/Revision Participated in 2025

65

International Standards

2

National Standards

10

Industry Standards

15

Local Standards

3

Association Standards

35

Digital Transformation and Intelligent Manufacturing

Trinasolar places a high priority on the strategic deployment of artificial intelligence, deeply empowering the entire business value chain and smart energy scenarios with digital-intelligent technologies. The Company is building an efficient and collaborative digital operational system to continuously enhance global operational efficiency and customer value. In the field of smart manufacturing, supported by intelligent platforms and utilizing new-generation information technologies, Trinaolar has established a lean, efficient, and controllable modern production system, comprehensively improving manufacturing quality and operational resilience. The Company has been recognized with multiple national and regional smart factory and platform certifications.

Digital Transformation

Artificial Intelligence (AI) Strategy

In 2025, the Company comprehensively advanced a three-pronged AI strategy encompassing "+AI, AI+, and AI-Native", driving the evolution of artificial intelligence from point-based, tool-oriented applications to systematic empowerment.

The Company leverages AI to build a smart energy platform, optimizing the operational efficiency of generation, grid, load, and storage, and driving the business transition towards full lifecycle services. It explores scenarios such as computing-power synergy, achieving cost reduction and efficiency gains through intelligent coordination to support the sustainable energy transition. Simultaneously, AI is extensively integrated across the entire business chain, including strategy, R&D, supply chain, manufacturing, finance, and legal compliance. Universal AI tools have been launched to enhance overall office efficiency and management capabilities.

Trinasolar AI Capability Development Strategy

+AI

Focuses on "computing-power synergy" as the core technology to support global AI development; simultaneously embeds AI into existing business and management scenarios to uncover new business opportunities.

AI+

Integrates AI predictive capabilities into professional processes such as global legal review, knowledge management, system simulation, and supply analysis.

AI-Native

Trinasolar deepens the R&D of innovative, inclusive AI tools to lower the AI technology application threshold and expand implementation scenarios in office collaboration, information collection, and knowledge application.

AI-Driven Smart Energy

Trinasolar uses AI and digital technologies as core engines to drive product intelligence upgrades and business model transformation, constructing smart energy solutions covering the full spectrum of generation, grid, load, and storage scenarios. This injects innovative momentum into the efficient, low-carbon, and resilient development of energy systems.

The Company is deeply engaged in new power system scenarios such as "computing-power synergy", zero-carbon parks, green hydrogen-ammonia-methanol, and virtual power plants, upgrading integrated PV-storage-hydrogen solutions with AI technology:

- ✔ Utilizing AI large models to forecast electricity supply/demand and renewable energy generation, helping data centers optimize electricity usage strategies and participate in power market trading to reduce electricity costs.
- ✔ Relying on "grid-forming" energy storage technology to achieve intelligent linkage and efficient coordination between intermittent renewable energy supply and the stable power demand of data centers, providing sustainable, highly resilient integrated support solutions for the construction of new power systems.

Building on this, the Company is accelerating its transformation into a smart energy solution and service provider, evolving its business from hardware delivery to full lifecycle services covering design, construction, operation & maintenance, and power trading operations.



GainCube Product Intelligence Platform

The Company's GainCube product intelligence platform, built on machine learning, operations optimization, and event simulation technologies, consists of two core systems: a system simulation model and an equipment scheduling model. The former, through power system, cost, return on investment, and configuration selection models, provides full-process data support for project revenue calculation, configuration selection, and sales quotation. The latter employs an optimal scheduling model to enhance PV consumption rates, optimize the lifespan of energy storage cells, and maximize revenue, enabling the coordinated and efficient operation of generation-grid-load-storage equipment and contributing to the stability of the energy system and improved resource utilization efficiency.

Looking ahead, the Company will continue to deepen the integration of AI with energy-related operations, exploring more smart energy application scenarios.

AI-Enhanced Management Efficiency

Trinasolar empowers internal management across all domains with AI technology, building an intelligent system centered on risk prevention and control, talent decision-making, supply chain collaboration, and organizational knowledge operations. This drives the evolution of management models toward greater data-driven precision, refinement, and accessibility, comprehensively enhancing corporate governance and operational efficiency, thereby laying a solid foundation of efficient management for sustainable development.

AI Governance with Strict Compliance

The Board of Directors and senior management of Trinasolar attach great importance to AI governance. In the process of formulating the Company's artificial intelligence strategy, core ethical and compliance requirements for AI development and usage are deeply integrated, including:

Data Privacy and Security

In the use and development of AI-related software and hardware, the Company respects and strictly protects data privacy, safeguards network security, and ensures the controllable security of data and applications.

Fairness and Transparency

The Company is committed to avoiding potential biases in the use and development of AI-related software and hardware, ensuring the transparency and explainability of AI systems and their outcomes.

Oversight and Accountability

Keeping humans "in the loop" for critical decisions and allowing human intervention. Establishing clear accountability for outcomes produced by AI models/tools, subject to regulatory and stakeholder supervision.

Compliance and Sustainability

The boundaries of AI use are clearly defined, prohibiting its use/deployment in areas outlawed by the local laws and regulations of operational sites. Attention is also paid to the ecological footprint of AI models and data centers.

The Company highly values the mutually reinforcing development of artificial intelligence and corporate sustainability. We not only focus on how AI will boost the thriving development of the new energy industry, and conversely, how the new energy sector will drive more efficient and computationally powerful AI development, but also pay attention to the impact of AI applications on employee career development and social employment. We adhere to a steady and orderly approach in implementing AI technology, continuously strengthen employee training in AI skills and AI ethics, guide staff towards higher-value work, and effectively mitigate the impact of technological displacement.

Trinasolar Core AI Application Scenarios			
	Typical Scenario	Primary Tool	Application Field
+AI	Legal & Compliance	Legal Document Review	Assists in legal document review by providing functions such as clause identification and version comparison, enabling automated legal risk assessment and early warning.
	Cadre Management	Smart Talent Match	Empowers data-driven cadre management decisions. Through multi-dimensional data comparison and competency model-based intelligent quantification, it builds precise profiles for key position talents. Data and information analysis support scientific, fair selection and talent appointment.
	Project Collaboration	Project Driver	Covers the entire project management process, supporting dynamic task simulation, precise resource allocation, and real-time budget monitoring, driving efficient cross-departmental collaboration with data.
AI+	Industry Insights	Vision Information Platform	Focuses on cutting-edge trends in the PV and storage industry. Integrates multi-source heterogeneous data and employs intelligent analysis to build a systematic industry knowledge system.
	Production-Supply-Sales Coordination	Power Forecasting	Deepens end-to-end supply chain collaboration. Algorithms accurately link front-end sales demand with back-end production scheduling, achieving dynamic balance for cell and key material planning.
	Procurement Decision-making	Smart Procurement	Data-driven support for procurement decisions. Relies on algorithmic models for industry chain trend analysis, cost penetration monitoring, and price trend warnings.
AI-Native	Knowledge Management	Knowledge Application Agent	Transforms enterprise knowledge asset management. Leverages large language models for automatic tagging of massive documents and visual knowledge graph display, improving organizational knowledge reuse rates.
	Smart Office	AI for All	Build a universal workbench for all employees, empowering non-technical staff to efficiently complete content creation, cross-language communication, and information structuring tasks.

Digital System Applications

Centering on the two main themes of "Global Lean Operations" and "Customer Experience Enhancement", and targeting key business value streams such as order fulfillment, smart manufacturing, and overseas market expansion, Trinasolar has developed a series of full-chain digital benchmark projects with industry demonstration effects. These have effectively enhanced global delivery efficiency and business resilience against risks.



Order Management System (OMS) Facilitates the Transformation of Traditional Information Recording and Improves Delivery Efficiency

To address data management challenges in global order fulfillment, the Company has comprehensively advanced the AI-enabled OMS project for end-to-end order management. Centered on the core framework of "Digitalization, Connectivity, Visibility, and Customer Experience (D-C-V-E)", and deeply integrating artificial intelligence and automated decision-making technologies, the project effectively eliminates the "information black box" in order flow.

Leveraging algorithms for intelligent analysis of full-process order data, the system achieves transparency and digital collaboration across key production, supply, and sales stages. This significantly reduces repetitive communication costs and comprehensively enhances the resilience of global supply chain operations, order fulfillment efficiency, and end-to-end customer experience.



Advanced Planning and Scheduling (APS)-Centered Lean Manufacturing Management System Addresses the Complexity of Global Manufacturing Orders

To effectively manage the increasing complexity of global manufacturing orders, the Company has vigorously promoted a lean manufacturing project, aiming to build a lean manufacturing management system with APS as its "brain." During implementation, the project precisely focused on three core functions: "Work Order Creation, Workshop Scheduling, and Material Call-off Management". It successfully horizontally integrated multiple underlying application systems, including Enterprise Resource Planning (ERP), Manufacturing Execution System (MES), and Warehouse Management System (WMS), breaking down information silos between departments and enhancing transparency in the production process and the efficiency of plan execution.



MyTrina Digital Solution Empowers Sales Team Operational Efficiency

In response to the rapid growth of overseas distributed business, the Company specifically developed its first user-centric digital empowerment platform for overseas markets—the MyTrina system. This platform successfully transforms offline business capabilities into standardized online processes, providing unified platform support for customer sales and services by integrating data from related systems.

Simultaneously, using multi-dimensional analytical metrics, the platform provides the internal sales team with a comprehensive overview of demand insights. Empowered by both customer experience and end-to-end data support, it drives sustained, high-quality business growth bidirectionally.

Digital System Satisfaction Survey

The Company's digital department collaborates with various business units to routinely conduct satisfaction surveys on the usage of digital work systems. The survey covers both internal employees globally and external ecosystem partners. A scientifically designed system evaluates multiple dimensions, including system usability, operational stability, functional alignment, cross-departmental collaboration efficiency, and process streamlining effectiveness, enabling a comprehensive and objective assessment of digital application performance.

In 2025, the Company conducted two rounds of user satisfaction surveys for digital systems, one in the first half and one in the second half of the year, covering key and frequent users of various internal digital systems. The first-half survey covered 21 systems, with an average satisfaction score of 4.24 points (out of 5). The second-half survey expanded to cover 28 systems, with the average satisfaction score increasing to 4.56 points, an improvement of 0.32 points compared to the first half, exceeding the set target of 4.4 points for the second half.

During the Reporting Period, the Company was honored with the "AI Ecosystem Benchmark Co-construction Partner" and "Enterprise Outstanding Engineer (Artificial Intelligence) Training Program Champion" awards issued by the Changzhou Municipal Bureau of Industry and Information Technology.

average satisfaction score of

4.24 points (out of 5)

average satisfaction score increasing to

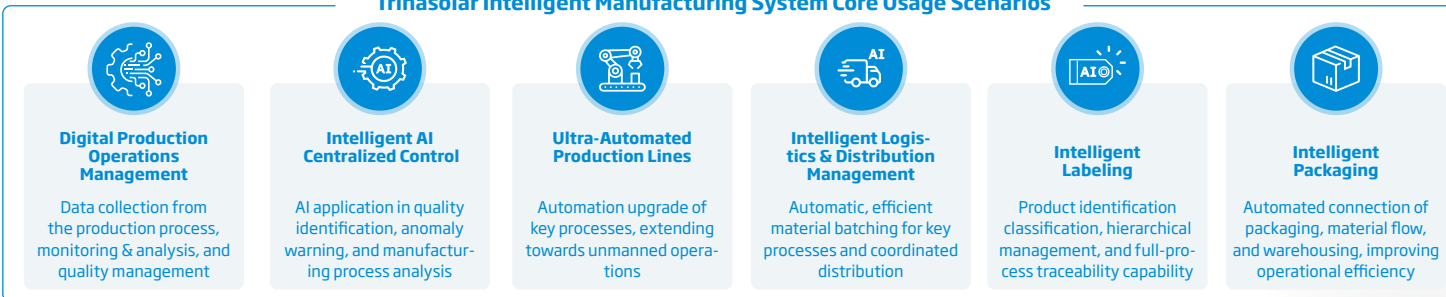
4.56 points **7.5%**↑



Smart Manufacturing

Facing the complex manufacturing and quality control challenges amidst the rapid evolution of the PV and energy storage businesses, traditional methods reliant on manual coordination and experience-based management have become insufficient to meet the demands of refined manufacturing. The Company continues to advance the development of "data-driven and intelligent systems", utilizing a Manufacturing Operations Management (MOM) platform as the foundation. This integrates technologies such as the Manufacturing Execution System (MES), AI, the Internet of Things (IoT), and digital twins to propel smart manufacturing forward.

Trinasolar Intelligent Manufacturing System Core Usage Scenarios



In 2025, Trinasolar and four of its subsidiaries respectively obtained certifications for Level 3 Smart Manufacturing Capability Maturity, AA-level Digital Transformation Management System, and AA-level Integrated Management System for Informatization and Industrialization.

During the same period, five of the Company's manufacturing bases were recognized by the Industry and Information Technology Department of Jiangsu as "Advanced-level Smart Factories" and for the "PV Smart Manufacturing Integrated Industrial Internet Platform". They were also successfully included in the Industrial Internet Platform list of the Economy and Information Technology Department of Zhejiang.

Upgrading the Statistical Process Control (SPC) System to Achieve Automated Quality Inspection

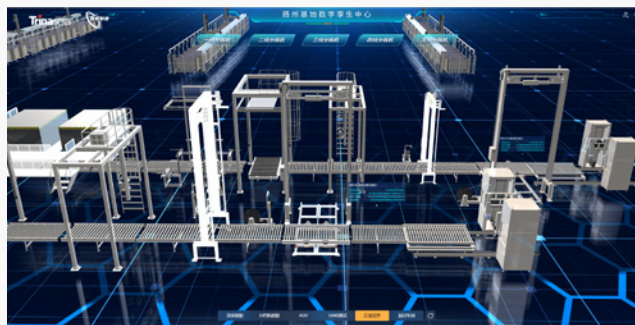
The Company advanced the innovative application of an online, real-time SPC analysis system. This system integrates data from incoming material inspection, front-end production, and back-end assembly, enabling continuous monitoring of the quality status of key processes. It utilizes internal communication tools and email notifications for real-time warnings of abnormal fluctuations and links with the issue management system to drive a closed loop for anomaly resolution. Ultimately, automated reports and monitoring dashboards support process tracking and user-led analysis.

This practice shifts quality control forward into the manufacturing process, enhancing the real-time nature of quality monitoring, the agility of anomaly identification, and the efficiency of the problem-handling closed loop.



Intelligent Logistics Automation

To eliminate redundant waste between processes and elevate the automation level of logistics and workflow, the Company continuously advances its intelligent logistics development. In the module manufacturing stage, the Company implemented automation and digital transformation for back-end processes. This connects automated conveying, downstream sorting/stacking, and automated warehousing, coordinating with multiple systems to achieve synergistic optimization between back-end processes and logistics flow. In the crystal pulling production stage, the Company promotes the automation of material preparation. This integrates multiple systems and process nodes such as outbound, distribution, and inbound, driving the transition of material preparation organization from manual coordination to system-driven operation.



Green Product Full Lifecycle Management

Sustainable Product Compliance System

In its product lifecycle management, Trinasolar strictly adheres to domestic and international regulations related to cleaner production, carbon footprint management, and extended producer responsibility (EPR) and other relevant rules. It benchmarks against overseas regulatory frameworks such as the EU's Waste Electrical and Electronic Equipment (WEEE) Directive, Restriction of Hazardous Substances (RoHS) Directive, the EU Batteries and Waste Batteries Regulation (EU 2023/1542), and the Carbon Border Adjustment Mechanism (CBAM), while also implementing ISO and IEC international standards. The Company deeply integrates environmental impact control into the entire process—from product planning, design and development, and clean manufacturing to logistics and delivery, use and operation, and end-of-life recycling. Focusing on core areas like carbon footprint management, responsible materials, global environmental compliance, recycling systems, and environmental data traceability, it has established a green lifecycle management mechanism covering the entire value chain.

Facing increasingly stringent global regulations, the Company continuously strengthens its capabilities in regulatory analysis and implementation. This represents a strategic upgrade from passively meeting single-market access requirements to proactively building a full lifecycle environmental management system. By forming cross-departmental specialist teams, the Company systematically assesses the impact of requirements related to carbon footprint, low-carbon certification, material environmental attributes, recycling responsibilities, and supply chain adaptation on R&D, manufacturing, certification, delivery, and recycling stages. This ensures the compliant and stable operation of its global business.



Laying the Foundation for CBAM Compliance

In response to the regulatory requirements for product carbon footprint under the EU CBAM, the Company has established a management system aligned with CBAM. This system builds a low-carbon management framework covering the entire process from tracker R&D through to manufacturing, enhancing product carbon footprint data management capabilities:

- The Company's manufacturing base in Spain has obtained an organizational carbon footprint certification issued by a third-party body.
- Both the "Vanguard 1P" and "Vanguard 2P" trackers have successfully passed product carbon footprint certification by a third-party body. Verified through actual projects, they achieved a 22% reduction in carbon footprint compared to the results from the previous third-party verification.



Battery Regulation Compliance Practice

Trina Energy Storage has established and continuously refined a management system compliant with the EU Batteries and Waste Batteries Regulation (EU 2023/1542), securing professional recognition from the third-party agency UL Solutions. This system encompasses CE marking and compliance label management, performance and durability declaration systems, carbon footprint data management capabilities, and Battery Management System (BMS) upgrades, achieving transparent management of State of Health (SOH) and full lifecycle performance.

Full Lifecycle Green Management



Green R&D and Design

The Company is gradually incorporating environmental impact assessment methodologies into product design and development stages, continuously iterating and optimizing product solutions. Guided by green design principles, we comprehensively consider factors such as material reuse efficiency, structural lightweighting, ease of operation and maintenance, feasibility of disassembly and recycling, and the full lifecycle environmental impact. This drives the synergistic improvement of product performance, durability, reliability, and environmental benefits, effectively reducing the overall lifecycle environmental burden. The R&D system regularly conducts specialized training on sustainable product lifecycle management, empowering employees with professional knowledge and practical skills throughout the entire process of project initiation, planning, and implementation.

While continuously enhancing product performance, the Company places high importance on product lifespan design. Highly durable products can significantly reduce long-term operation and maintenance costs for downstream customers. By extending product replacement cycles, they effectively decrease resource consumption and environmental footprint across the entire value chain, creating superior long-term economic benefits for customers. Starting from the R&D phase, the Company conducts product lifespan analysis and optimization, extending product lifespan, reducing maintenance frequency, and further cutting down resource consumption throughout the product's lifecycle.



Responsible Material Management

During material selection and introduction, the Company comprehensively evaluates product carbon footprint, environmental impact, regulatory compliance, supply chain ESG performance, and end-of-life resource recovery potential, continuously improving its responsible materials management system. We are driving the upgrade of materials management from traditional procurement to a systematic approach focused on low-carbon, compliance, recyclability, and traceability. Together with suppliers and partners, we are committed to reducing the overall product carbon and water footprints through responsible materials management, increasing the use of recycled and renewable raw materials, and reducing hazardous substance content.

For a case on the use of renewable raw materials in module products, please refer to the "Circular Economy" chapter. The Company integrates sustainable materials management into its supply chain internal auditor training system, clarifying management requirements for relevant departments such as procurement through annual specialized training.



Cleaner Production and Manufacturing

The Company continues to advance cleaner, more digital, and lower-carbon operations in production. By optimizing energy and resource structures, improving energy efficiency, strengthening resource recycling, and expanding the use of clean energy, we aim to reduce greenhouse gas emissions and environmental impact from manufacturing. We closely align green manufacturing requirements with product environmental performance management in the production process and have established intensity targets for energy consumption, water consumption, and greenhouse gas emissions per unit of product. For details, please refer to the "Guarding Nature and Greenery" chapter of this report.



Green Distribution, Storage, and Logistics

Trinasolar highly values the environmental impact of products during distribution, warehousing, and transportation. We continuously optimize logistics solutions to enhance the safety and low-carbon performance of the transportation process. We encourage suppliers to increase the proportion of reusable packaging, promote green logistics strategies, and reduce reliance on single-use packaging.



Low-Carbon Logistics

Since 2016, Trinasolar has actively explored a road-rail intermodal transportation model. Through an optimized layout of "road transport at both ends and railway for the main line", the Company has been reducing logistics costs while lowering carbon emissions from transportation. By the end of 2025, the share of domestic road-rail intermodal shipments had increased to 28.5%, demonstrating remarkable results in low-carbon logistics.

In August 2025, the Company completed its first dedicated container train shipment for PV modules, transporting 20.5 MW of modules over a cross regional distance of 4,067 km. Compared to traditional boxcar transportation, the container train improved loading and unloading efficiency by over 30%, significantly reduced cargo damage rate and unit carbon emissions, establishing a benchmark for green and efficient logistics.



Decommissioning, Recycling, and Resource Recovery

The Company integrates recycling programs into the full product lifecycle, building a diversified product circular system. Through technological innovation and compliance management, it drives efficient resource utilization and green, sustainable development.

Trinasolar Core Circular Economy Initiatives by Product Type



PV Modules

Building carbon footprint management, efforts are focused on driving silicon optimization, lightweight design, and the use of renewable materials starting from the initial design stage. A forward-looking recycling system for decommissioned modules is being established, alongside research on disassembly and material recovery technologies, thereby laying a systematic foundation to fulfill extended producer responsibility requirements.



Energy Storage Systems

A battery passport and carbon footprint data traceability system is being developed. The principles of ease of disassembly and recyclability are integrated into product design, establishing a comprehensive management system for decommissioned batteries that covers collection, cascade use, material recovery, and compliance management.



Mounting System

The focus is on the low-carbon attributes and circularity of steel. Low-carbon steel is prioritized through supplier carbon emission assessments. Robotic intelligent disassembly and assembly technology is being developed to enhance disassembly efficiency and material recovery purity at the end-of-life stage, maximizing resource circulation.

For further details on product recycling and resource utilization, please refer to the "Circular Economy" chapter of this report.

Carbon Data Management Capability

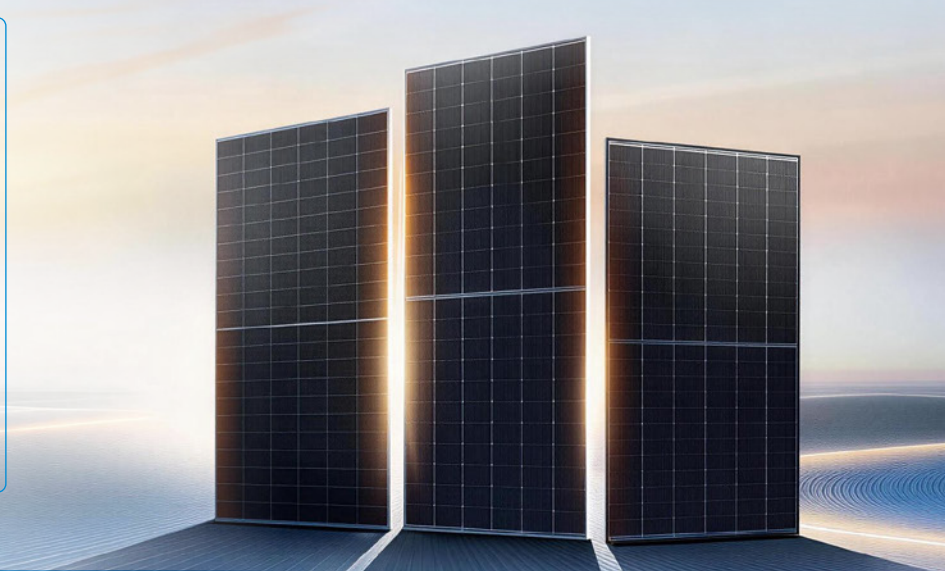
The Company has enhanced inter-departmental collaboration mechanisms to drive the deep application of carbon data in R&D design, supply chain management, and customer service responsiveness. This endows products for the global market with a "green digital identity", precisely meeting the diverse requirements of international markets for carbon information disclosure. A digital product carbon footprint platform has been established, forming a full lifecycle closed-loop management system of "data aggregation - calculation & analysis - report generation - certification finalization." The system is compatible with international standards such as ISO 14067 and ISO 14044, integrates core business systems like SRM, ERP, and MES, and achieves end-to-end carbon data connectivity and unified management.

The Company has developed carbon footprint models for 20 product categories, covering 100% of Trinasolar's product portfolio. The platform can automatically generate over 20 compliance reports meeting international standards. The related system has received the industry's first authoritative certification issued by TÜV Rheinland.



Trina Energy Storage Obtains the World's First EPD Certification for a Liquid-Cooled Energy Storage System

Trina Energy Storage's Elementa King Kong 2 product received the world's first Environmental Product Declaration (EPD) certificate for a liquid-cooled energy storage system, issued by UL Solutions. Conducted in accordance with the ISO 14025 standard, this is the industry's first EPD certification to comprehensively assess environmental impact over a 20-year lifecycle, and it includes the carbon footprint of preventive maintenance spare parts within its calculation scope.



Trinasolar 2025 Product Carbon Footprint Certification Status



<p>PV Modules</p>	<ul style="list-style-type: none"> Two product models obtained French carbon footprint certification. Six product models obtained Environmental Product Declaration (EPD) certification. Two product models obtained ISO 14067 (Greenhouse gases – Carbon footprint of products – Requirements and guidelines for quantification) product carbon footprint certification. 	<p>100%</p>
<p>Energy Storage Systems</p>	<ul style="list-style-type: none"> Liquid-cooled battery container obtained Environmental Product Declaration (EPD) certification. Lithium battery pack obtained product carbon footprint certification. Solution obtained UL PCF (Product Carbon Footprint) certification 	<p>100%</p>
<p>Mounting System</p>	<ul style="list-style-type: none"> Three product models obtained ISO 14067 product carbon footprint certification 	<p>100%</p>

Trinasolar Participates in Drafting the Jiangsu Province Zero-Carbon Park Construction Guide




Trinasolar actively leverages its carbon management expertise to empower the industry. During the Reporting Period, the Company served as a drafting unit, deeply participating in the development of the Zero-Carbon Park Construction Guide released by the Jiangsu Provincial Administration for Market Regulation. Drawing on its long-term accumulation in greenhouse gas verification, carbon footprint accounting, ISO standards, and EU green regulations, its subsidiary Trina UCAR participated in formulating several policy specifications. This transformed the Company's mature internal carbon data tracking and assessment capabilities into reusable industry standards, aiding the standardized, low-carbon development of the industry.

Hazardous Substances Management

The Company has established and continuously improved its hazardous substances management system, strictly adhering to compliance requirements such as the EU's Restriction of Hazardous Substances (RoHS) Directive, Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) Regulation, and Waste Electrical and Electronic Equipment (WEEE) Directive. The Company's hazardous substances primarily originate from laboratory testing chemicals and the product manufacturing process. We maintain complete tracking of full lifecycle data for products containing substances classified by regulatory authorities as persistent organic pollutants or hazardous substances. Simultaneously, in accordance with a due diligence framework for RoHS, REACH, WEEE, and local market requirements, we conducted human health and environmental risk assessments for 100% of products with potential hazardous substance risks during the Reporting Period.

 <p>R&D and Design Stage</p> <p>Environmental compliance, recyclability, and low hazardous substance requirements are integrated into product development inputs. Environmentally friendly materials and green processes are prioritized, and prohibited/restricted substances are clearly defined to ensure environmental compliance from the source.</p>	 <p>Supply Chain Stage</p> <p>Green partnership management is implemented, conveying control requirements to suppliers and strengthening environmental qualification reviews.</p>	 <p>Production Stage</p> <p>A full-process mechanism for incoming inspection, in-process control, and outbound inspection is established to strictly regulate the use of hazardous substances.</p>
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Supported by this system, Trinasolar has incorporated 100% of hazardous substances into its management commitment, covering 100% of product types containing such substances.

 <p>Time-bound Commitments</p>	<p>The Company strictly adheres to the deadlines for restricting relevant substances stipulated by international regulations such as RoHS and REACH.</p>
 <p>Transparent Reporting</p>	<p>The Company consistently discloses its progress in its annual sustainability report.</p>
 <p>Collaboration and R&D</p>	<p>Trinasolar commits to collaborating with the photovoltaic industry association and supply chain partners to jointly identify and develop alternatives to hazardous substances. Concurrently, the Company continues to increase R&D investment, specifically dedicated to innovating and developing green material substitution technologies and non-hazardous production processes, thereby reducing the use of hazardous substances at the source.</p>

Trinasolar systematically implements role-specific training and internal compliance audits, continuously enhancing environmental awareness and management capabilities across the organization. Through closed-loop Product Stewardship across the value chain, the Company fully aligns with global market environmental compliance requirements, ensures product environmental safety, and supports the sustainable development of the industry.

02

Fostering Shared Value Creation

Trinasolar regards superior quality as the cornerstone for long-term value creation. Through rigorous product lifecycle management, the Company establishes a robust system for product safety, reliability, and service support, accurately meeting the needs of global customers. By building a sustainable supply chain ecosystem, it collaborates for growth with upstream and downstream partners. Through deepening global industrial cooperation, it actively participates in industry standard-setting and technological co-development. The Company adheres to high-standard product management to drive industrial chain synergy, achieving deep shared value creation and mutual development with partners.

● Product Safety and Quality	32
● Customer Management	38
● Sustainable Supply Chain	40
● Industry Collaboration and Development	49

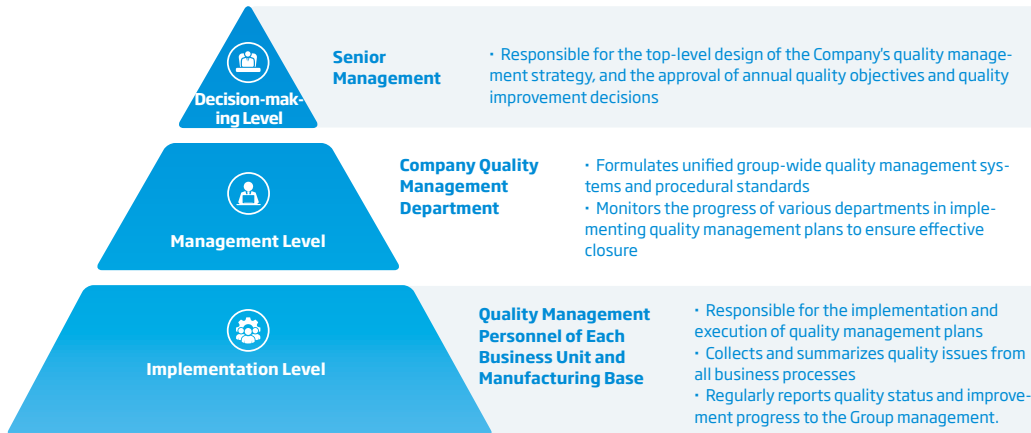
Product Safety and Quality

Trinasolar consistently considers product safety and quality as the strategic foundation for delivering customer value, maintaining brand reputation, and ensuring stable global development. Upholding the quality management philosophy of Driving Innovation with Intelligence, Excellence with Quality, Lean Operations, and Customer Success, the Company continuously enhances a comprehensive quality management system spanning R&D and design, procurement and manufacturing, product delivery, and after-sales service. This drives the evolution of quality management towards end-to-end, full lifecycle control, consistently improving product reliability, consistency, and customer satisfaction.

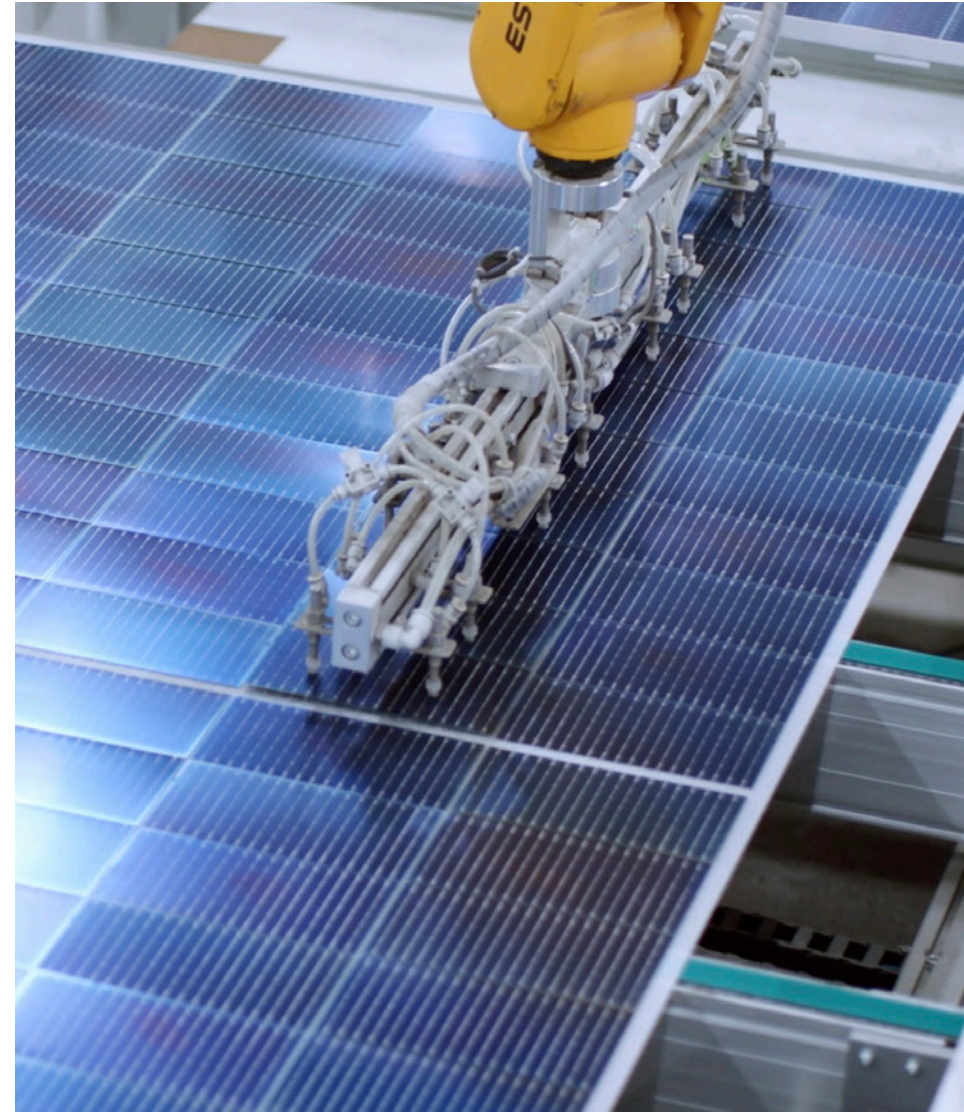
Governance

Trinasolar strictly adheres to and complies with the Product Quality Law of the People's Republic of China, the Code of Practice for the Design of Photovoltaic Power Generation Projects, the Code of Practice for the Construction of Photovoltaic Power Generation Projects, the Code of Practice for the Acceptance of Photovoltaic Power Generation Projects, the EU Batteries and Waste Batteries Regulation, and other applicable requirements. It implements internal management mechanisms such as the Quality Management Manual and the Quality and Operation Planning Management. The Company has established an institutional framework for product safety and quality management centered on five modules: Quality System Management, Continuous Improvement and Digitalization, Quality Operations Management, Quality Engineering, and Supply Chain Quality Management.

The Company has established a three-tier quality management structure covering decision-making, management, and implementation levels. It clearly defines the responsibilities and authorities of each level, department, and manufacturing base within the quality management system, ensuring accountability is effectively implemented at every stage.



During the Reporting Period, the Company's Quality Management Department collaborated with various business units to optimize a total of 107 Standard Operating Procedures (SOPs). The Company headquarters and 100% of its stable operational manufacturing bases have obtained ISO 9001 Quality Management System certification from independent third-party audit authorities.



Strategy

In 2025, Trinasolar officially launched its Quality 2.0 strategic framework, further clarifying the overall strategic direction, core values, and quality behavioral norms for the Company's product safety and quality management. Guided by this strategy, the Company has established stringent quality management standards, set long-term quality objectives, and built a multi-level indicator system. The Company is fully committed to fostering a premium and reliable quality brand.

Trinasolar Quality 2.0 Strategy Core

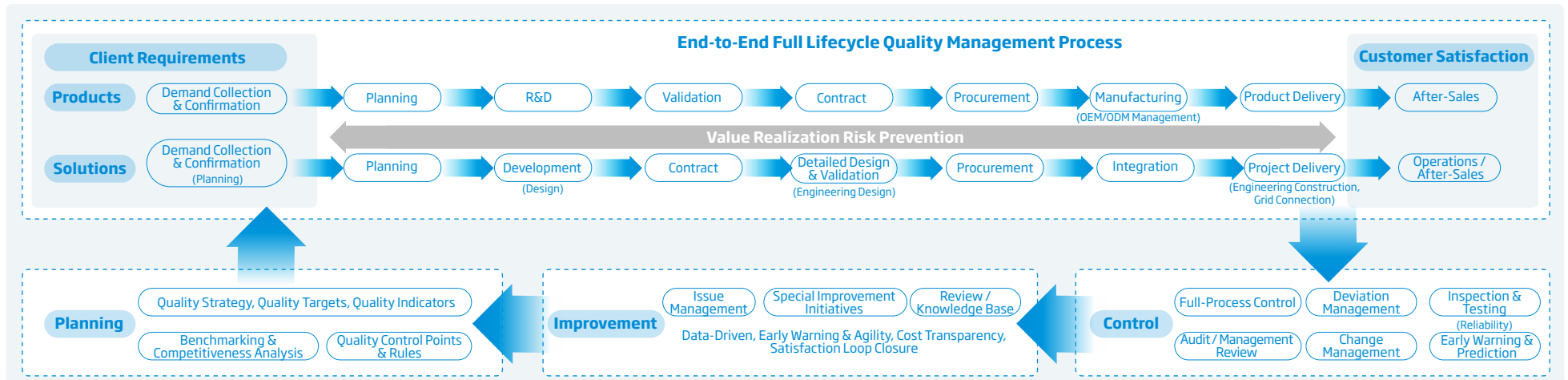


End-to-End Lifecycle Management

Trinasolar's Quality 2.0 strategy drives a strategic upgrade of the Company's quality management from product control within manufacturing to management across the entire business value chain. The Company has established a product lifecycle quality management process covering demand insight, R&D and design, procurement, production, delivery, and after-sales service. Throughout this process, the closed-loop management concept of "Plan-Do-Check-Act" (PDCA) is fully integrated. Strict process control and continuous improvement mechanisms are extended to the demand side, achieving deep integration of quality management with value creation and proactive risk prevention.

Prior to Product Release, in accordance with the Quality Audit Management Procedures, the Company conducts multi-level quality management system audits for all business lines and manufacturing bases. These include system audits, process audits, product audits, comprehensive audits, early-stage assessments, and external audits, covering the entire business process from customer requirement identification to customer satisfaction improvement. For key issues and deviations, closed-loop corrective and preventive actions are implemented to continuously ensure the efficient and robust operation of the quality management system, minimizing the risk of quality-related product recalls.

During the Reporting Period, the Company experienced no health and safety violations related to products and services, nor any major liability incidents concerning quality or safety.



Quality Digitalization

Trinasolar consistently focuses on integrating emerging technologies (such as digital twins and artificial intelligence) into the product quality system and processes. Specifically, the Company prioritizes intelligent inspection and digitalized quality management as a key component of its quality strategy. The comprehensive implementation of a unified Statistical Process Control (SPC) system is being advanced, enabling functions like full-chain data collection, process control chart analysis, key monitoring parameter import, and automated alert mechanisms for preventive quality judgment. This builds a complete quality traceability record, significantly improves the efficiency of identifying process anomalies and product consistency levels, and advances predictive quality control and proactive risk prevention.

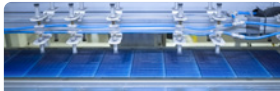


In 2025, to further enhance quality management effectiveness and process data analysis capabilities, the Company upgraded its quality management platform. It optimized core modules such as the Engineering Change Control Board (ECCB) process, closed-loop problem management, and document specification management, strengthening the platform's support for quality management.

Furthermore, Trina Storage has built a three-tier "cloud-edge-device" collaborative safety early-warning platform. It comprehensively covers key risk points such as insulation anomalies, voltage transients, thermal runaway, and outdoor battery cells, achieving multi-dimensional, all-encompassing monitoring from the device and station levels to the cloud. Leveraging the AI big data panoramic monitoring platform, health assessment and fault prediction are conducted for core equipment like battery cells, PCS, and battery containers. This enables 24/7 dynamic operation and maintenance, identifying potential safety hazards and issuing warnings in advance to effectively eliminate safety risks, fully utilizing the empowering role of AI technology in quality and safety management.

Supplier Quality Collaboration

As a core enterprise in the industrial chain, the Company understands that superior product quality stems from robust support across the entire industry chain. Guided by the Quality 2.0 strategy, the Company extends quality management upstream, establishing a strategic partnership management mechanism of "front-line defense, shared risk, and capability co-development". In 2025, the Company revised and implemented mechanisms such as the Supplier Quality Management Mechanism for Product Businesses and the Supplier Quality Management Procedure. It carries out monthly and quarterly tracking assessments and annual supplier quality system audits to continuously strengthen quality stability across the entire chain.

Under the guidance of the Group's supplier quality management mechanism, each business unit establishes and implements differentiated management requirements based on its own business characteristics:

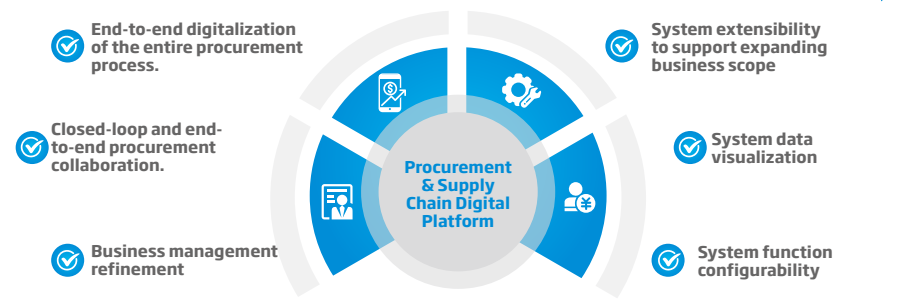
 <p>PV Business</p> <p>Revised the Supplier Performance Evaluation Management Specification, establishing a supplier ranking mechanism to continuously enhance the comprehensive competitiveness of suppliers.</p>	 <p>Energy Storage Business</p> <p>Focuses on key raw materials like battery cells and integrated systems, routine incoming quality and batch compliance inspections, and continuously tracks and closes the loop on supplier quality performance.</p>	 <p>Mounting System Business</p> <p>Centered on project delivery standards, sets core quality indicators such as in-process defect rate, incoming defect rate, and 8D problem closure timeliness rate. Precise controls are implemented to help suppliers achieve quality improvements.</p>
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Iterating Supplier Relationship Management (SRM) Phase II to Boost Full-Chain Quality

To fully implement the supply chain collaboration mechanism, the Company launched Phase II of the SRM platform. This initiative shifts quality control upstream to the supplier's manufacturing and outgoing inspection stages, establishing an information traceability chain covering the entire raw material delivery process. Leveraging digital interaction capabilities, both procurement and supply sides achieve automated closed-loop management—from standard setting and data feedback to real-time monitoring, anomaly warning, and analysis/correction.

During the Reporting Period, this digital platform covered all suppliers, enabling real-time data tracking for 1,903 process characteristics and 19,627 product characteristics.

Build a transparent, compliant, and digital supply ecosystem by breaking through process bottlenecks and data gaps across procurement BUS, delivering a global, unified, and intelligent digital procurement management platform.



Trinasolar continues to leverage its role as a core enterprise in the supply chain, viewing supplier empowerment as a crucial measure to enhance industry chain quality synergy. The Company regularly organizes training and exchanges sessions for suppliers, driving the coordinated improvement of supply chain quality management in line with the Company's product safety and quality standards.

Widely Recognized Supply Chain Quality Training

To promote the synchronized improvement of supplier quality capabilities and company product quality requirements, Trinasolar conducted special supplier quality training in 2025 themed Building Quality Foundations, Practicing with Determination, Winning the Future with Quality. A total of 52 trainees from 35 key suppliers participated, covering critical partners in core business segments such as modules, energy storage, mounting system, and smart distributed solutions.

The training focused on key links in supplier quality management. Content included the promotion of quality management philosophies, quality system requirements, analysis of process quality issues, key process control, and digital system application. Combined with the establishment of new supplier quality systems and typical quality issue improvement needs, the training helped suppliers more accurately understand the Company's management standards regarding incoming material quality, process control, problem closure, and continuous improvement.

Continuous Improvement Mechanism

The Company continuously refines its internal quality audit management system and processes, focusing on key links such as R&D design, procurement, manufacturing, process control, delivery services to detect non-conformities, implement corrective actions, and optimize processes. By systematically identifying quality loss points, process bottlenecks, and value waste points, scattered quality issues in various links are transformed into controllable, analyzable, and verifiable special improvement projects, pushing quality management towards operational excellence and proactive risk management.

During the Reporting Period, the Company implemented **270** quality improvement projects, of which **156** were concluded, achieving quality-related benefits of **RMB 356 million**.

Continuously Improving Anti-Corrosion Processes to Enhance Product Quality

Addressing issues with product anti-corrosion performance, the Company established a special technical improvement R&D project team. Starting from the design source, the team systematically resolved technical deviation in specific application environments. Through comprehensive comparisons of various anti-corrosion processes such as hot-dip galvanizing, zinc-aluminum-magnesium, and powder zinc infiltration, the optimal process route was precisely determined. Comprehensive optimization and upgrades were carried out on metal layer reinforcement, passivation, and sealing layers. Furthermore, dry-wet cycle tests covering UV aging, sand-dust, and salt spray conditions were introduced to fully verify the improvement effects and ensure product performance met standards.

Product Recall

The Company has established and operationalized a full-process, closed-loop Product Recall Management System. This clarifies full-process management requirements from recall triggering, assessment, and plan implementation to tracking closure. When a product has or is suspected of having potential defects, the Company immediately conducts a comprehensive problem investigation, initiates the recall process, and systematically assesses relevant information, risk levels, and the scope of influence of affected products. For situations meeting quality accident standards, products pending shipment and products in production are disposed of according to relevant quality control procedures. The Company fully communicates with customers and issues a recall statement, executes the recall according to the established plan, takes appropriate disposal measures for relevant products, and tracks the entire process for closure, archives data, and conducts customer follow-ups and internal audit reviews.

Over the Reporting Period, the Company has not experienced any product recall incidents.

Impact, Risk, and Opportunity Management

Trinasolar has long recognized that product quality and safety serve not only as the core safeguard against evolving customer needs, complex application scenarios and global delivery challenges, but also as fundamental pillars underpinning customer trust, brand value, and long-term operational resilience. Against this backdrop, the Company proactively identifies key risks and opportunities amid shifting market dynamics including evolving customer expectations, diversified application scenarios, stable supply chain collaboration and end-to-end global delivery, and formulates targeted quality management strategies tailored to its business attributes.

In the field of quality management, the relevant risks and opportunities identified by the Company mainly include:

Risk/ Opportunity	Factor	Potential Financial Impact	Time Horizon	Value Chain Scope	Response Measures
Extreme Scenario Risk	Products face higher quality and safety thresholds under complex environments and extreme conditions such as high loads, heavy hailstorms, snow loads, extreme fire incidents, and abnormal electrical conditions.	May lead to product failure, project delivery delays, increased after-sales service and compensation costs.	Short to Medium-term	Operations, Downstream	Deepen quality reinforcement and safety verification testing for extreme scenarios, enhancing product resilience and system-level safety assurance under extreme conditions.
Production Process Quality Risk	Fluctuations and hidden defects in large-scale manufacturing processes may affect product consistency and delivery quality.	Lead to increased scrap and rework rates, raising per-unit manufacturing and operational costs.	Short-term	Operations	Scale the deployment of intelligent inspection and decision-making tools, enabling early interception of quality anomalies and transparent whole-process control.
Delivery Quality Risk	Differentiated international compliance standards and complex cross-border supply chains raise higher requirements for global delivery and product quality coordination.	May impact customer satisfaction, project bidding, delivery stability, and brand competitiveness.	Short to Medium-term	Operations, Downstream	Build an end-to-end full-lifecycle quality management process covering customer requirements, R&D design, procurement, manufacturing, delivery, and after-sales service.
Supplier Quality Risk	Fluctuations in supplier incoming material quality and insufficient control of key materials may affect manufacturing stability and end-product quality.	May increase costs related to defective incoming materials, production line stoppages, rework, and supply chain coordination.	Short to Medium-term	Upstream, Operations	Shift the quality control line forward to the supplier's outgoing inspection stage, implementing strict dynamic performance assessments and digital traceability for key materials.
Digitalization Opportunity	The advancement of quality digitalization and intelligent inspection applications drives a shift in quality management from after-the-fact inspection to proactive prediction.	Help reduce quality losses, improve yield rates and delivery stability, and optimize quality costs.	Short to Long-term	Operations	Continue advancing quality digitalization, closed-loop problem management, and application of quality tools to enhance capabilities to risk identification and control.
Quality Culture Enhancement	Continuous improvement, quality culture development, and the refinement of differentiated quality strategies help translate quality advantages into product competitiveness and operational value.	Helps enhance customer trust, strengthen adaptation capabilities for complex scenarios, and boost market competitiveness.	Medium to Long-term	Operations, Downstream	Deepen in-depth quality empowerment for all employees, roll out structured improvement initiatives, and consolidate long-term quality management capabilities.



Developing the "Five Strengths" Module, Fortifying Product Reliability in Extreme Environments

To meet the demands of demanding application scenarios, Trinasolar has developed the "Five Strengths" module for its N-type products, integrating high power output, high mechanical load resistance, high hail impact resistance, high fire rating, and high snow load resistance.

The Company goes beyond conventional IEC standard requirements, establishing more stringent extreme environment testing conditions such as higher load capacities and larger hailstone diameters, fully ensuring design redundancy. To guarantee long-term stable and reliable product performance, the Company has established a three-level closed-loop quality monitoring mechanism covering "materials - cells - modules" that balances timeliness and coverage depth. In 2025, the qualification rate for reliability sampling tests of solar cells reached 100%. At the module level, two full-sequence reliability verifications are conducted annually, with differentiated additional test requirements applied to different product series, such as intensified testing items for the "Five Strengths" modules. The module reliability sampling test qualification rate reached 98.6% in 2025, comprehensively ensuring the excellent reliability of both standard and differentiated high-end products in extreme environments.



A Benchmark for Extreme Environment Quality Certification

Trinasolar's Vertex N-type modules have earned multiple authoritative certifications and industry recognitions for their outstanding performance: the products successfully passed the CGC -40°C low-temperature load test with power degradation below 0.5%; won the PVEL Top Performer Award for the eleventh consecutive year; were honored with the RETC Overall Highest Achievement Award for the fifth consecutive year; and successfully passed the IEC TS 63209-1 extreme stress certification. According to CPVT outdoor field verification, the modules' average annual degradation rate is only 0.51%.

With exceptionally reliable product quality, the Company withstands the challenges of extreme climates like severe cold, providing stable and reliable solutions for complex scenarios such as high-altitude cold regions and sandy, Gobi, and other desert environments.



Mounting System Business Unit Achieves Full-Chain Project Construction Quality Control through Digitalization

In the first quarter of 2025, the Company continued to advance its global and local production layout. A new smart tracker manufacturing base commenced smooth operation, further optimizing the global tracker production network.

The Company has signed specific quality agreements with its regional service partners, clearly defining product quality standards, testing requirements, acceptance criteria, and quality responsibilities that cover the entire process. A dual inspection mechanism of factory self-inspection and third-party testing has been established to achieve dual verification of quality standards.

Simultaneously, leveraging blockchain technology, the Company assigns a unique quality traceability code to each batch of supplied products. This code comprehensively records the entire chain of information from raw material procurement, production and processing, testing and inspection, to factory delivery, achieving full-process traceability from the production source to the project site. Furthermore, the Company has established quality service stations at key project construction sites, deploying dedicated quality engineers to provide installation technical guidance, full-process quality inspections, and rapid on-site problem resolution services. This ensures product installation quality and mitigates later-stage operation and maintenance risks from the source.



Full-Scenario Safety Testing and International Standard Certification for Energy Storage Products

Focusing on the safety requirements of high-energy-density systems under extreme operating conditions, the energy storage business continuously strengthens product safety testing and validation. In 2025, the Company conducted systematic validation for its energy storage products around key scenarios such as extreme fire, structural protection, and electrical safety. This included large-scale fire testing, IP55 protection rating tests, seismic resistance level testing, and multi-branch short-circuit performance simulation verification. These assessments continuously evaluate the thermal insulation, protection, and structural stability of the energy storage system under abnormal conditions, with all tests meeting the required standards. Notably, the large-scale fire test results simultaneously satisfied multiple international safety standards, including CSA/ANSI CB00-2025, NFPA 855-2026, and UL 9540A, rigorously verifying the safety boundaries of the energy storage system in extreme fire scenarios.



Quality Talent Development

Trinasolar consistently treats quality culture development as the core support for product safety and the quality management system, fully integrating quality awareness into all aspects of daily operations, and driving the deep implementation of quality concepts through systematic internal training. To continuously strengthen the quality talent pipeline, the Company leverages online training platforms and offline practical courses to establish a multi-dimensional, multi-level quality training system, achieving precise and targeted delivery of quality courses. Tailoring a series of qualification certification courses for quality personnel based on frontline production realities and key quality improvement areas, the Company simultaneously incorporates practical quality tools like the 8D problem-solving method and the Seven Basic Tools of Quality. Through a combination of online theoretical instruction and offline practical exercises, the overall quality expertise of employees in various functional roles and on the front lines is comprehensively enhanced.

In terms of content structure, the training extends from concepts to practical application across different levels: At the macro level, it deeply promotes advanced quality philosophies, Trina's quality culture, and the systematic quality operation framework. At the practical level, it systematically delivers instruction on quality cost management, focuses on solving core quality problems, strengthens hands-on exercises for Quality Control Circles (QCC), and covers the application of several key quality management tools. The curriculum is also deeply embedded with real business cases and production line anomaly handling scenarios. Through immersive scenario-based training, employees are guided to "learn with specific projects and practice combined with problems", further solidifying the bottom-line awareness among all staff regarding high product reliability, high consistency, and zero-defect process control, providing a solid guarantee for the Company's high-quality delivery.

Addressing the global layout, the Company regularly selects experienced domestic technical and management experts to conduct specialized training at overseas manufacturing bases. This systematically transfers mature production process standards, inspection criteria, and practical experience, helping overseas teams establish rigorous quality control thinking and standardized execution systems.

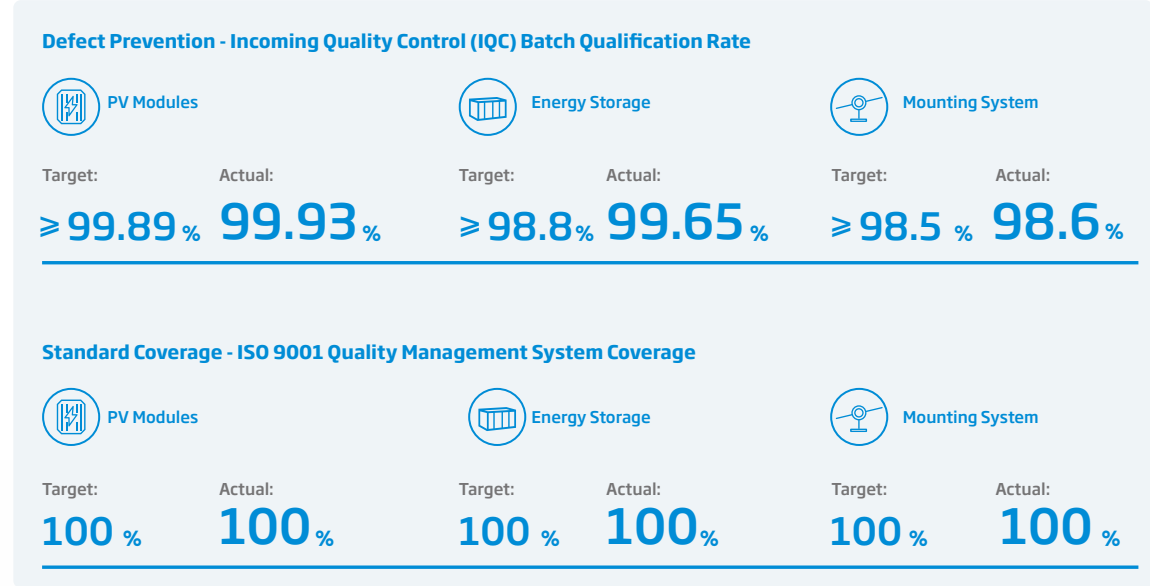
Trinasolar's Continuous Improvement Projects Win Awards at the 11th Corporate Improvement Competition

In 2025, multiple projects participated in the "Congmai Cup" 11th Corporate Improvement Case Competition organized by China Quality Club and the China Quality Research Institute, achieving excellent results. This reflects the practical capabilities of various business units in quality improvement and indicates the ongoing deepening of the Company's continuous improvement programs, quality talent development, and quality culture building.

In this case competition, Trinasolar teams entered seven projects, with five advancing to the finals. Ultimately, they secured two second prizes and one third prize.

Metrics and Targets

To further embed the quality management philosophy of proactive risk prevention and systematic correction, the Company has clearly defined and implemented relevant quality objectives, focusing on defect prevention and comprehensive coverage of quality standards for systematic control.



The Company strictly adheres to global market access requirements and has obtained numerous core quality-related product certifications, including IEC 61730 for PV module electrical safety and fire resistance, IEC 61215 for the performance of ground-mounted PV modules, IEC 62817 for tracker systems, and RED 2014/53/EU for the EU Radio Equipment Directive. These provide a solid foundation for compliant global operations and reliable product delivery.



Customer Management

Providing high-quality products and services to customers and effectively safeguarding their legitimate rights and interests are the core drivers of Trinasolar's sustainable, high-quality development. The Company continuously builds and improves a responsible marketing system, consistently enhances customer service quality, and is committed to delivering professional, full-lifecycle integrated solutions to its global clientele. The Company conducts annual customer satisfaction surveys and continuously optimizes the service experience based on the findings. It is dedicated to fostering long-term, trust-based partnerships with customers, achieving synergistic growth of both customer and enterprise value.

Responsible Marketing

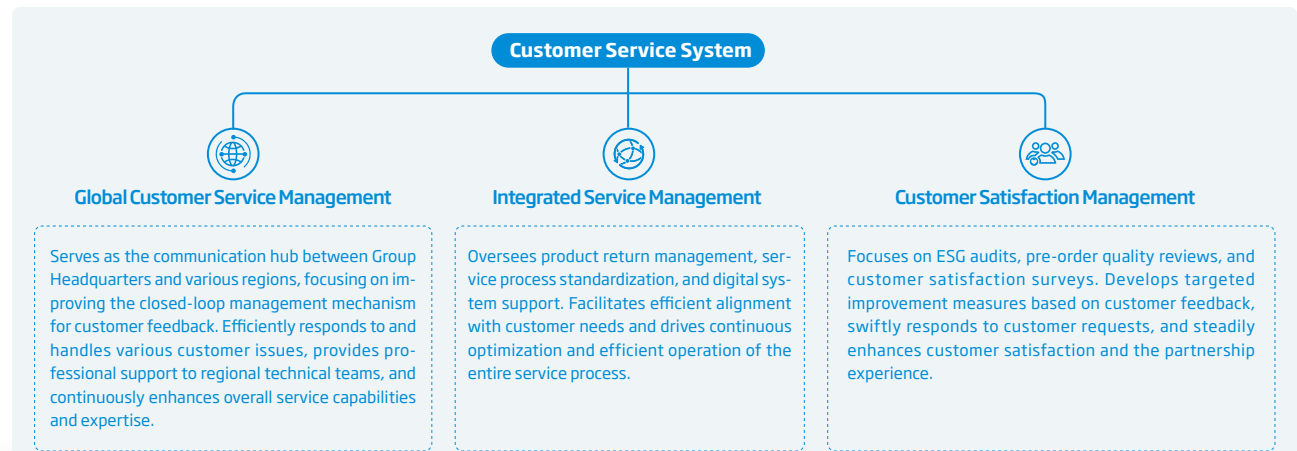
Trinasolar strictly complies with relevant laws and regulations in all its operational regions, such as the Advertising Law of the People's Republic of China, the Anti-Unfair Competition Law of the People's Republic of China, the Law of the People's Republic of China on the Protection of Consumer Rights and Interests, and the EU's Unfair Commercial Practices Directive (UCPD). It also adheres to internationally accepted norms and standards, embedding the principle of responsible marketing throughout the entire process of market promotion and customer service. Guided by standardization and transparency, the Company earnestly safeguards customers' legitimate rights and interests.

To ensure the implementation of marketing conduct standards, the Company has established and enforced sales management-related systems and processes, guaranteeing that information about products and services released to global markets and customers is truthful, accurate, and consistent. The Company regularly conducts specialized training on responsible marketing for its marketing personnel, focusing on compliance requirements such as intellectual property protection and anti-unfair competition in external communications, thereby ensuring that all marketing activities are conducted in a compliant and orderly manner. Simultaneously, the Company implements pre-review and compliance checks on advertising and all types of market communication content. This ensures information is truthful, complete and unbiased, prevents exaggerated or misleading statements, and effectively mitigates risks associated with false advertising.

During the Reporting Period, the Company had no incidents of illegal or non-compliant activities related to marketing or product labeling, strictly fulfilling its corporate responsibility for compliant marketing.

Customer Service

Upholding the core value of "Focus on the Client", the Company has built a customer service system comprising three modules: Global Customer Service Management, Integrated Service Management, and Customer Satisfaction Management. Leveraging an efficient and smooth demand-response mechanism, the Company optimizes service processes and enhances service quality from multiple dimensions, continuously improving customer experience and satisfaction.



Diversified Complaint Intake Channels

To meet the needs of customers in different global regions and enhance the convenience of submitting complaints, Trinasolar has established global, diversified channels for receiving product and service complaints, achieving synergy between localized regional service and overall service efficiency. We promptly acknowledge receipt of complaints to customers and transparently disclose the resolution timeline.

Globally, the Company maintains three core complaint intake channels: an online customer service platform, an after-sales service hotline, and an after-sales service email. To fit local user habits in China, dedicated platforms like the "Voice of the Customer" APP and the "Trina Service" mini-program have been developed to optimize the experience for local customers.

For in-person customer interaction, the Company has established six regional customer service hubs and 22 domestic and international offices, staffed with localized service teams and supported by warehousing facilities. These hubs and offices provide customers with dedicated technical support via hotlines and on-site visits, effectively shortening the complaint handling radius and improving regional response speed. Although the majority of the Company's customers are corporate clients, we also pay attention to the accessibility of our products and services for vulnerable groups (such as persons with disabilities and the elderly), and several products have been introduced into elderly care service centers.

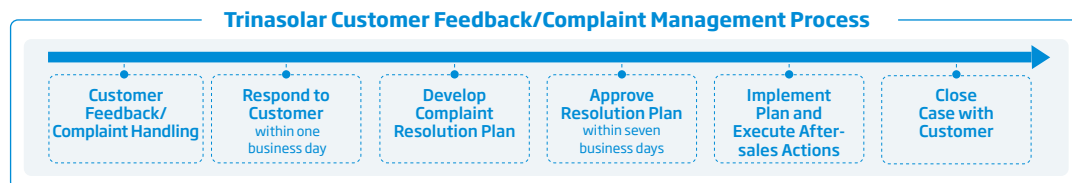
Furthermore, the Company has built a comprehensive service provider collaboration network, authorizing professional service providers to participate in complaint handling and compensation-related work. This further shortens the complaint resolution cycle, achieving an organic integration of global service standardization and local service adaptation.

In 2025, Trinasolar successfully completed independent external verification of its complaint handling processes and after-sales service system. Based on the standards GB/T 27922-2011 Commodity After-sales Service Evaluation System and HXC-GZ-DW (ASS) Commodity After-sales Service Evaluation System, the Company was awarded the Five-Star After-sales Service Certification.

Customer Feedback Management Process

Trinasolar's Global Customer Service Department continuously optimizes the complaint management and customer feedback system and incorporates customer feedback into product and service development. During the Reporting Period, the Company revised the Customer Feedback Management Procedures for Module Business. Centered on a hybrid model of "Global Standardization + Regional Localization", the procedure further standardizes response timeframes for customer complaints, solution approval processes, and the cycle for end-to-end case resolution. Furthermore, the Company established a cross-functional feedback loop to synchronize front-end complaint information with the R&D department, driving the effective integration of customer requirements into product iteration and service optimization.

In 2025, customer complaint-related indicators of all business segments achieved excellent performance: PV Products: global 24-hour complaint response rate reached 99.41%; complaint closure rate reached 95.22%. Energy Storage Products: 24-hour complaint response rate reached 99.43%; complaint closure rate reached 97%. Tracker Products: achieved a global 48-hour initial response rate of 95.16%.



Customer Satisfaction Surveys

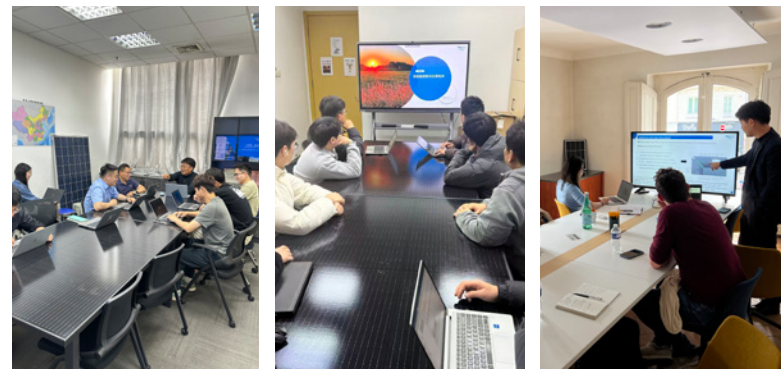
Trinasolar has established a Customer Satisfaction Survey Management Procedure and routinely conducts customer satisfaction monitoring through a combination of internal self-checks and external research. Annually, the Company commissions an independent third-party organization to conduct a dedicated satisfaction survey targeting its global customer base. Customers are invited to participate in an online questionnaire via email, SMS, etc. The survey covers key aspects such as market communication, pre-sales consultation, in-sales service, after-sales support, and product performance, encompassing 100% of the Company's product types.

In 2025, the Company formulated annual quantitative targets scored out of 100 for each business segment. The PV Products Business Unit aimed for a top-two industry ranking with a score not lower than 80, while both the Energy Storage and Mounting System Business Units set the same minimum target scores of 80. For the year, a total of 306 valid questionnaires were collected. The final comprehensive satisfaction scores reached 82 for the PV Products Business Unit, 96 for the Energy Storage Business Unit, and 81 for the Mounting System Business Unit. Overall satisfaction rankings were at the forefront of the industry.

Following the survey results, the Company promptly conducts internal reviews and experience sharing, organizes cross-departmental collaboration meetings, clarifies responsible parties, and drives the implementation of corrective and preventive actions. Targeted measures for satisfaction improvement are formulated, and specific enhancement projects are established. For instance, in response to customer demands for new products, the technical team has initiated the development of multiple new products, including lightweight modules and customized modules tailored for Japan's residential market, effectively converting customer feedback into tangible momentum for product and service upgrades.

Global Collaborative Customer Service Training

Aiming to strengthen cross-regional collaboration, Trinasolar conducts high-frequency, targeted specialized training for its service teams both domestically and internationally, promoting the uniform implementation of service standards and continuously enhancing teams' professional capabilities. In 2025, focusing on improving service quality and work efficiency for customer service personnel across all global regions, the Company conducted a total of 23 specialized training sessions. These sessions focused on enhancing complaint handling skills and compliant service awareness, further improving the timeliness and professionalism of issue resolution.





Sustainable Supply Chain

As a core enterprise in the supply chain, Trinasolar fully integrates sustainability requirements into the entire lifecycle management of its suppliers. Through system building, digital empowerment, and collaborative capacity building within the ecosystem, the Company drives the low-carbon and sustainable transformation of the supply chain, actively responds to global compliance challenges, and joins hands with industrial chain partners to create sustainable value.

Governance

Trinasolar has established a comprehensive ESG governance framework to systematically identify and address various sustainability risks and opportunities, including those related to the sustainable supply chain. For details, please refer to the "Sustainability Governance System" chapter of this report.

The Company's Board of Directors is responsible for overseeing management's fulfillment of supply chain management duties, which includes reviewing reports on significant supply chain matters and making related decisions.

A Supply Chain Strategy Department has been established at the Group Headquarters. It is responsible for formulating the Company's overall supply chain management objectives and coordinating the advancement of various supply chain-related tasks. In daily operations, the Supply Chain Strategy Department collaborates with other departments to promote the implementation of ESG-related supply chain goals and initiatives. Each Business Unit is supported by an underlying Supply Chain Center, which is responsible for implementing supply chain sustainability work, such as material traceability, labor rights protection, and environmental compliance management. In daily procurement and supplier management, we conduct regular supplier audits to ensure that the operations of contracted suppliers are consistent with the principles of the Trinasolar Supplier Code of Conduct. If a contracted supplier fails to meet the Company's minimum ESG requirements, we will suspend or terminate the contract and business cooperation.

Facing the increasingly stringent global regulatory landscape for supply chain ESG, the Company has formed a dedicated Supply Chain ESG Compliance Risk Task Force, jointly led by the Supply Chain Strategy Department and departments in charge of ESG duties. This task force conducts internal analysis and interpretation of regulations such as the EU's Corporate Sustainability Due Diligence Directive (CSDDD), the UN Guiding Principles on Business and Human Rights, the International Bill of Human Rights, and relevant photovoltaic industry regulations, and formulates corresponding response strategies.

Strategy

A sustainable supply chain is a core guarantee for Trinasolar's sustainable business development and a crucial foundation for the Company to solidify its position as a core enterprise in the supply chain and implement its sustainability strategy.

Supplier Full Lifecycle Management

As of the end of the Reporting Period, Trinasolar had a total of 1,154 Tier-1 suppliers. The Company consistently implements a localized procurement strategy, actively introduces local suppliers in its operational regions, drives technological upgrades in the local industrial chain, fosters the formation of new energy industry clusters, and achieves mutual growth and prosperity.

Trinasolar continuously refines its supplier full lifecycle management system. Through the Supplier Full Lifecycle Management System, the Company has established a closed-loop management mechanism covering key stages such as supplier development and qualification, classification management, performance assessment, and exit management, thereby continuously improving supply chain management efficiency and resilience.

Supplier Qualification

Trinasolar treats supplier qualification as the first line of defense for supply chain risk prevention and control. It insists on strict compliance pre-screening, believing that partnering with entities sharing its values is the cornerstone for long-term development. The Company maintains a zero-tolerance policy for suppliers that breach business ethics and compliance bottom lines, strictly prohibiting their inclusion in the Approved Vendor List (AVL). On this basis, the Company comprehensively considers factors such as the supplier's credit status, technical capabilities, ESG criteria, and product quality to build a robust, mutually trusting, and win-win supply chain ecosystem.

Supplier Classification, Stratification, and Tiering Management

The Company continuously improves its integrated "Classification, Stratification, and Tiering" supplier management mechanism. It develops tailored management strategies based on the supplier's business characteristics, supplied product/service category, market competitiveness, and ESG performance. By implementing differentiated management for suppliers of different types, layers, and tiers, resource allocation efficiency is optimized, supply chain collaboration management is enhanced, and precise empowerment is achieved.

Supplier Assessment and Evaluation

In reference to the OECD Due Diligence Guidance for Responsible Business Conduct, the Company has further strengthened its supplier due diligence system. It publicly issued the Trinasolar Supply Chain Due Diligence Manual and established a due diligence mechanism covering supplier risk assessment and on-site audits. This mechanism dynamically monitors the supply chain from compliance onboarding through to ongoing performance, accurately identifying actual or potential impacts the upstream supply chain may have on the economy, environment, and society.

The Company conducts comprehensive assessments of active suppliers. In addition to incorporating five core indicators—technology, quality, delivery, cost, and service—into monthly/quarterly performance evaluations, it also focuses on assessing supplier performance in areas such as labor law compliance, business ethics, environmental management performance, and material traceability through regular ESG due diligence.

For suppliers failing to meet assessment standards, the Company defines rectification requirements and continuously tracks implementation progress, promoting their continuous improvement and capacity building, thus forming a closed-loop management. During the Reporting Period, the Company achieved 100% coverage of assessments for all significant suppliers and completed due diligence for all suppliers with potential conflict mineral risks.

For suppliers with excellent assessment results, the Company prioritizes business cooperation with them based on business needs and other relevant considerations.

Supplier Exit Management

To complete the closed-loop management of the supplier full lifecycle, Trinasolar has established a rigorous supplier anomaly handling and dynamic exit mechanism, closely linking anomaly handling with performance evaluation. The Company classifies supplier anomalies into four categories: product quality anomalies, supply timeliness anomalies, service quality anomalies during the supply process, and other anomalies such as ESG high risks. Based on the severity of their impact, these anomalies are further categorized into three levels: "Issue Feedback, General Anomaly, Major Anomaly". For identified anomalies, procurement organizations track the progress of corrective actions in real-time to ensure timely closure, and the handling results are directly incorporated into the supplier's annual performance assessment.

The Company has established a tiered, progressive exit management procedure based on risk severity. All exit recommendations are reported by respective procurement departments to the Supply Chain Strategy Department, ensuring the standardization and company-wide consistency of de-listing decisions.

Trinasolar enforces strict adherence to critical ESG compliance thresholds. In cases where audits confirm Critical Non-Conformities—specifically zero-tolerance breaches such as child labor or forced labor—the Company will immediately suspend cooperation and terminate the supplier's qualification. Furthermore, the Company implements a formal Supplier Exclusion Mechanism, thereby firmly safeguarding the integrity and compliance standards of its supply chain.

Tiered Supplier Exit Management Procedure



Suppliers requiring rectification within a specified period are subject to temporary suspension of business. The supplier must develop and implement effective corrective actions. The freeze is lifted only after the Company evaluates and confirms the supplier's compliance.



Suppliers that do not meet the requirements for continued cooperation will have their transaction qualifications revoked. Suppliers delisted due to ESG violations, labor rights issues, business ethics misconduct, or other "red line" breaches will not have their contracts renewed upon expiration and are prohibited from any business transactions for a three-year period. If they apply to re-establish cooperation after three years, they must completely re-submit their application and complete the full supplier qualification review process.



Suppliers engaging in deliberate misconduct, repeated severe contract violations, major quality or safety incidents, severe violations of commercial integrity, or serious ESG management failures causing substantial losses to the Company will be added to the permanent blacklist and permanently barred from all forms of business cooperation with the Company.

Supplier and Conflict Minerals Grievance and Remediation Mechanism

To actively accept supervision and feedback from stakeholders regarding the supply chain due diligence system and continuously improve due diligence management standards, the Company has established a standardized, transparent, and well-regulated supply chain grievance and remediation mechanism. This ensures timely identification and effective handling of various potential supply chain risks. Company employees, suppliers, partners, customers, and other stakeholders can submit grievances anonymously or by name through designated channels, and the Company will strictly protect and maintain the confidentiality of the complainant's information. This grievance and remediation mechanism is also subject to independent verification and audit by third-party certification and auditing bodies, ensuring the process is fair, efficient, and traceable.

Supplier and Conflict Minerals Grievance and Reporting Channels

- Hotline: 0519-8517 6933
- Email: IA@trinasolar.com
- Online Submission: <https://audit.trinasolar.com/#/>

Supply Chain Due Diligence Channel: supplychain.strategy@trinasolar.com

Internal Supply Chain Management Training

Trinasolar is committed to continuously improving the level of its internal procurement and supply chain management. The Company has conducted internal capacity-building training on sustainable supply chains for two consecutive years. During the Reporting Period, the Company targeted 37 employees from core departments including the Supply Chain Strategy and Supplier Management Department, Procurement Department, ESG Management Department, and EHS Department, providing them with supply chain due diligence training to strengthen internal due diligence capabilities.

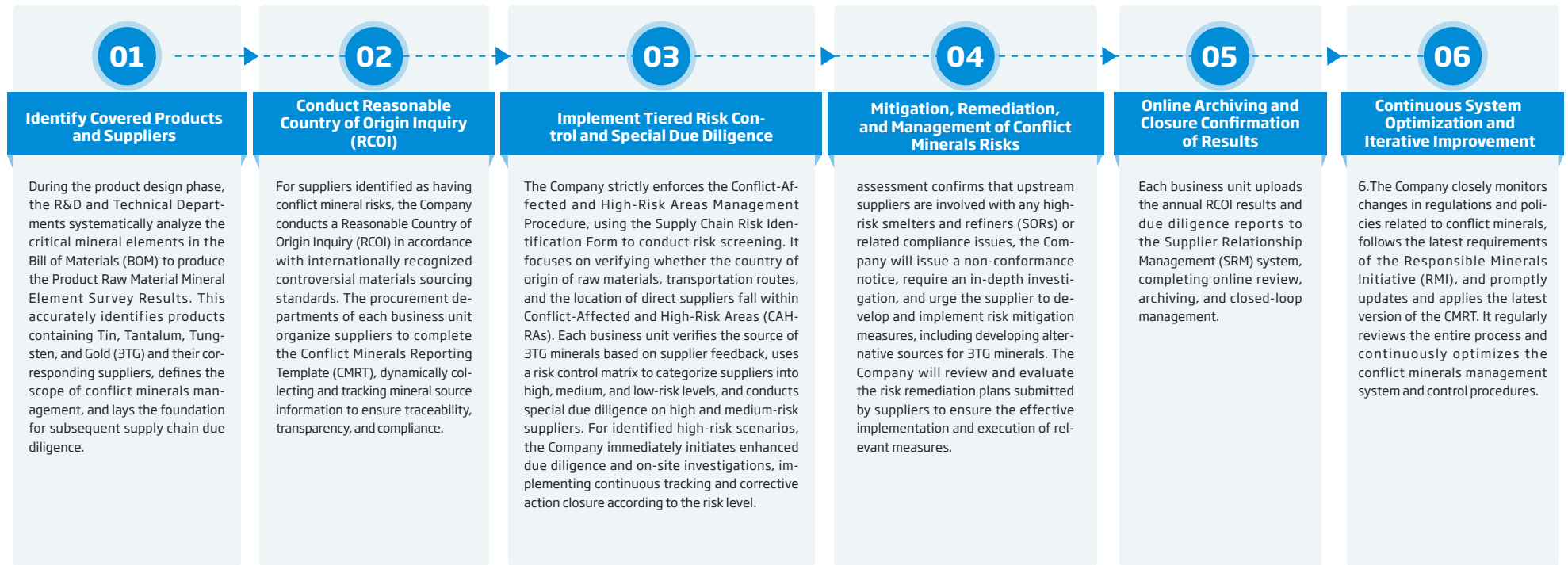
Specific ESG Risks and Responses

Responsible Minerals and Critical Raw Materials Management

The Company incorporates responsible minerals management into the core of its sustainable supply chain management, strictly mitigating mineral-related risks from the source and earnestly fulfilling its responsibilities within the industrial chain. The Company strictly adheres to international standards and initiatives such as the UN Global Compact, the Responsible Minerals Initiative (RMI), and the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas, continuously improving the full-process management mechanism for conflict minerals and critical minerals. To better collaborate with stakeholders to promote supply chain transparency and accountability, the Company has formulated and continuously optimized its Conflict Minerals Management Policy. On this basis, the Company officially issued the Responsible Minerals Management Policy in 2025, publicly committing to zero procurement and zero association with minerals originating from regions associated with human rights violations, illegal trading and violence financing. The management scope covers all critical mineral resources such as silicon materials across the full supply chain, achieving comprehensive, standardized, and regulated management of critical minerals.

Trinasolar's Target for Ensuring Compliance with Controversial Materials Sourcing Policy	100% No Procurement or Support for Conflict Minerals	<p>The Company solemnly commits to 100% zero procurement of and zero support for conflict minerals. Potential suppliers are required to sign the Commitment on Non-Use Conflict Minerals, pledging strict adherence to the Company's relevant management policies and traceability requirements, thereby further reinforcing suppliers' responsibility and traceability management obligations. The Company conducts annual special internal audits on conflict minerals and critical raw materials to ensure the full implementation of the "Zero Conflict Minerals" management commitment.</p>
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Conflict Minerals Identification and Management Process:



The Company strictly follows the conflict minerals identification and management process. Contractual terms requiring "Zero Conflict Minerals" are included in agreements with suppliers identified as having conflict mineral risks. During the Reporting Period, the Company achieved 100% due diligence coverage for 16 suppliers related to Tin, Tantalum, Tungsten, and Gold (3TG) raw materials. All suppliers submitted the Conflict Minerals Reporting Template (CMRT) as required, and 100% of the related critical raw materials were traced back to their country, province/state, city, mine site and mine name of origin.

After verification of the mineral source countries for 16 suppliers, all minerals originate from China, and third-party Responsible Minerals Assurance Process (RMAP) certification documents have been provided. The specific list of mineral source countries is shown in the table on the right.

Since 2022, the Company has identified 0 high-risk conflict mineral suppliers for four consecutive Reporting Periods. The number of supplier collaborations terminated due to mineral sourcing from conflict-affected and high-risk areas is 0. The quantity of minerals used from such areas is zero, and the revenue from products containing such minerals is 0. The Company has facilitated and completed the submission of Conflict-Free Minerals Statement from over 846 suppliers.

Supply Chain Human Rights Management

The Company fully integrates labor rights safeguards into the entire supply chain management process. It has formulated the the CSR Code of Conduct of Trina Solar Supplier, the ESG Commitment Letter, and the Legal Employment Commitment Letter, requiring all approved suppliers to sign them. These strictly prohibit practices such as child labor, forced labor, employment discrimination, and infringement on freedom of association and collective bargaining rights. Additionally, the Company urges suppliers to earnestly fulfill their social responsibility and human rights obligations through annual ESG risk assessments, conducting due diligence related to social responsibility and human rights compliance, and organizing annual supplier ESG training. In 2025, no human rights risks were identified among all existing suppliers.

Supply Chain Carbon Management

To enhance the green, low-carbon competitiveness of the supply chain, the Company is progressively incorporating supplier carbon management into its comprehensive supplier evaluation system. By collecting and analyzing supplier carbon emission data, it establishes "low-carbon / high-carbon" digital labels. When fulfilling specific low-carbon order requirements, the system can prioritize matching suppliers with low-carbon labels.

The Company will promote product carbon footprint (PCF) calculation and disclosure among suppliers in stages and by product category, incentivizing them to accelerate energy-saving and carbon-reduction technological transformations. Simultaneously, it actively provides suppliers with support for sustainable development capacity building and technology sharing, driving collaborative carbon reduction goals across the entire value chain.

Smelter ID	Company Name	Origin
CID001070	China Tin Group Co., Ltd.	Laibin City, Guangxi Zhuang Autonomous Region, China
CID002180	Tin Smelting Branch of Yunnan Tin Co., Ltd.	Gejiu City, Honghe Hani and Yi Autonomous Prefecture, Yunnan Province, China
CID001231	Jiangxi New Nanshan Technology Ltd.	Ganzhou City, Jiangxi Province, China

Low-Carbon Compliance Management Practices for the Supply Chain in Response to the EU CBAM

To proactively adapt to the implementation of the EU Carbon Border Adjustment Mechanism (CBAM), Trinasolar initiated carbon compliance work in advance, completing multiple Environmental Product Declarations (EPDs) and ISO 14067 carbon footprint certifications. The Company's Mounting System Business Unit took the lead in completing CBAM declarations. It implemented refined management for key suppliers, guided suppliers within the CBAM scope to complete carbon data collection and calculation, continuously tracked and analyzed emission data, and promoted energy-saving and emission-reduction improvements, assisting supply chain partners in achieving low-carbon compliance.

At the system and strategy level, the Company established a full-process Monitoring, Reporting, and Verification (MRV) system for carbon data. It optimized carbon data responsibility clauses in cooperation agreements and prioritized selecting low-carbon compliant suppliers during procurement. This not only comprehensively safeguards the Company's global market competitiveness under the CBAM regulatory framework but also continuously drives the co-creation of a low-carbon supply chain system with upstream and downstream partners.



Supply Chain Traceability

Trinasolar is consistently committed to building a high-standard, transparent, and traceable global supply chain system. Through systematic management initiatives and efficient digital platform support, the Company has established integrated full-process traceability capabilities for key raw materials, effectively meeting the compliance requirements of global customers and regulators for a responsible supply chain.

Traceability Management System

Responding to market and stakeholder demands for genuine material sources, verifiable flow, and full-process traceability, the Company strengthens supply chain risk control through systematic management measures, continuously enhancing the compliance and credibility of traceability management.

Based on documents such as the Supply Chain Traceability Management System and the Supplier Full Lifecycle Management System, Trinasolar has established implementable traceability management specifications and execution systems at its manufacturing bases. These clarify the division of responsibilities for supply chain traceability, optimize management processes, improve traceability identification management and order execution workflows, and build an internally and externally linked traceability verification mechanism and a closed loop for monitoring and improvement.

Currently, the Company has achieved full coverage of the traceability management system across all its manufacturing bases, possessing full-process traceability capabilities from raw materials to finished products. This ensures the clear origin, verifiable flow, and complete traceability of key raw materials such as silicon. First manufacturing sites underwent independent, 3rd party auditing according to the SSI Traceability Standard and will be certified in 2026.



Specialized Training on Supply Chain Traceability

In 2025, the Company conducted 26 specialized training sessions focused on traceability compliance, covering teams across procurement, manufacturing, and the entire supply chain. This initiative deeply integrated the awareness of traceability compliance into the job responsibilities and work standards of all relevant staff.



Leveraging the internally developed "Supply Chain Risk Map" module, the Company achieved dynamic monitoring of the global supply network and raw material flow processes. This upgrade shifted traceability management from a traditional passive recording mode to a proactive control system featuring panoramic visibility and precise early warning.



Digital Traceability Integration System

Relying on an AA-TÜV-certified self-developed, full-industry-chain digital integrated traceability system, the Company has realized vertical, penetrating traceability from finished modules upstream to all levels of materials. During the Reporting Period, by comprehensively integrating system data and documentation from the entire production process, a unified product traceability system was further upgraded, effectively enhancing traceability efficiency and scenario adaptability.

- Full Business Process Coverage: Covers the entire business chain, including orders, production planning, material BOMs, process monitoring, warehousing, and logistics.
- Granular Management: Implements batch-level control for key raw materials such as polysilicon, silicon ingots, wafers, and cells, ensuring the completeness and verifiability of the traceability evidence chain.
- Transparent Customer Service: Continuously optimizes the client-facing digital traceability portal, providing global customers with transparent, one-click-queryable, and fully-visible traceability reports, significantly improving response efficiency and customer experience.

Authoritative Third-Party Audits and International Standards

Referencing mainstream international traceability standards, Trinasolar has built a traceability management system with three pillars: governance system, implementation processes, and support mechanisms, encompassing over 20 business-specific rules. This system has received high-score certifications from multiple authoritative third-party bodies, including the industry's 1st PV AA Traceability System Verification by TÜV Rheinland.



Supplier ESG Empowerment

Upholding the sustainable supply chain strategy of "collaborative development and mutual benefit", the Company extends ESG management standards to the upstream and downstream of the industrial chain, co-building a sustainable industrial ecosystem with global competitiveness.

During the Reporting Period, the Company conducted targeted ESG empowerment training for suppliers, dissemination of ESG best practices relevant to their industries, covering 520 significant suppliers.



Supplier Empowerment Initiative and Supply Chain Due Diligence Training

In August 2025, Trinasolar's Supply Chain Strategy and Supplier Management Department, in collaboration with the Group's ESG management team, successfully held the 2025 ESG Supplier Empowerment Initiative and specialized Supply Chain Due Diligence Training. The training systematically interpreted the global regulatory basis and international standard requirements for the Company's supply chain ESG due diligence, comprehensively deconstructed the full-cycle management mechanism from supplier qualification and mid-term audits to continuous improvement, clarified the primary responsibility of Tier-1 suppliers and their management, assessment, and control requirements for downstream suppliers at all levels, and outlined the full-chain management closed-loop requirements of "risk identification - analysis and assessment - correction and handling - continuous optimization". Simultaneously, the training focused on core dimensions such as production energy consumption, pollutant emissions, employee health and safety, prohibition of child labor and forced labor, and raw material traceability, detailing due diligence indicators and audit standards to help suppliers accurately grasp compliance requirements and enhance ESG management capabilities.



Digital Upgrade of Supply Chain Traceability

Focusing on global compliance and customer experience, the Company strengthens full-process supply chain control through digital means. By establishing a standardized, intelligent traceability system, it achieves one-click export of module traceability reports, real-time production process monitoring, and automatic warnings for material compliance. Introducing intelligent tools like RPA and OCR effectively improves data accuracy, meeting the refined traceability requirements of overseas markets from the work order level down to the wafer level. The platform architecture supports reuse for the energy storage and mounting system businesses and can flexibly adapt to respective upcoming EU regulations and localized supply requirements. After project implementation, it significantly enhanced the Company's global compliance competitiveness, optimized delivery efficiency, reduced manual repetitive tasks, and further perfected the digital operation system.



Trinasolar Becomes One of the First Enterprises to Join the UN Global Compact's "25 Chain Master Alliance"

In 2025, the UN Global Compact China Local Network initiated the "25 Sustainability Chain Master Alliance". As one of the first enterprises to join this alliance, Trinasolar collaborates with suppliers and partners to explore supply chain sustainability practices. The Company received the Chain Master Enterprise Certificate from the UN Global Compact and encouraged its suppliers to successfully join the UN Global Compact.

Supply Chain Responsibility

Trinasolar treats supply chain responsibility as a core ESG issue, leveraging its role as a core enterprise to empower the industrial chain, earnestly safeguarding the rights and interests of small and medium-sized enterprises (SMEs), and strictly adhere to business integrity.

The Company has established a full-process payment management system. It enables automatic linkage among payment applications, contracts and purchase orders, enforces standardized payment cycles, and conducts dynamic monitoring and early warnings of accounts payable terms. Supported by detailed ledger management and internal performance assessment mechanisms, the system effectively mitigates performance and legal risks. During the Reporting Period, the Company had no pending legal disputes caused by delayed payments to SME suppliers.

Leveraging its position as a core enterprise in the industrial chain, Trinasolar independently developed the "Trinasolar Financing" platform. The "Trinasolar Credit Chain" electronic creditor's rights certificate issued on this platform features attributes like divisibility, transferability, and instant settlement, providing SME suppliers with a low-cost, highly convenient financing channel. This significantly lowers financing barriers and financial costs, empowering the growth of SMEs through the digital system. For this innovative practice, the Company was honored with the "Best Supply Chain Finance Core Enterprise Award" at the China Supply Chain Finance Industry Benchmark Awards.



Impact, Risk, and Opportunity Management

Trinasolar is committed to building a systematic supplier due diligence management system. It has formulated the Supply Chain Due Diligence Manual and the CSR Code of Conduct of Trina Solar Supplier, referencing international norms such as the Responsible Business Alliance (RBA) Code of Conduct, the OECD Due Diligence Guidance, the EU Corporate Sustainability Due Diligence Directive, and the German Supply Chain Due Diligence Act. Environmental, labor, business ethics, and human rights requirements are fully embedded into supplier full lifecycle management.

Through mechanisms like qualification audits, risk rating, on-site due diligence, and performance evaluation, the Company systematically identifies and manages supply chain ESG risks: Suppliers who sign the Supplier ESG Commitment Letter and the Conflict-Free Minerals Commitment Letter and demonstrate excellent performance are given priority in cooperation, empowerment training, and share allocation; for high-risk suppliers or those ineffective in rectification, cooperation restrictions or exit procedures are initiated. The aim is to jointly create a transparent, resilient, and sustainable industrial ecosystem.

To ensure supply chain stability and sustainable development, Trinasolar deeply integrates ESG into supplier full lifecycle management, establishing a high-standard evaluation, risk management, and empowerment training system to co-create a responsible supply chain ecosystem. In 2025, the Company formulated and issued the Trinasolar's Supplier Sustainable Sourcing Guidelines, establishing the following sustainable procurement policy:



Transparency and Justice
Building a Global Fair Cooperation Ecosystem



Business Ethics
Co-creating a Transparent Procurement Environment



Integrity and Compliance
Fortifying the Bottom Line of Compliant Operations



Social Responsibility
Building a Responsible Supply Chain



Green and Low-Carbon
Leading PV Supply Chain Decarbonization



Win-win Symbiosis
Establishing Long-term Collaborative Partnerships

Supplier ESG Risk Management Process

Trinasolar conducts supplier screening and implements dynamic supervision based on macro factors and supplier-specific behaviors, promptly identifying and addressing potential supply chain ESG risks.

Supplier Screening and Dynamic Supervision Factors

Macro Factors

- Country/Region:** ESG risks associated with the manufacturing location.
- Specific materiality:** Human rights and environmental risks inherent to the industry.
- Product Lifecycle Impact:** Whether the product's full lifecycle has economic, environmental, and social impacts.

Supplier-Specific Behaviors

- Environmental:** Environmental system certifications, greenhouse gas emissions, "Pollution & Waste" management, chemical management, biodiversity.
- Social:** Social system certifications, child labor, forced labor, diversity and equality, occupational health and safety.
- Governance:** ESG management system certification, business ethics, anti-corruption and conflicts of interest, grievance mechanisms, disclosure.
- Business Relevance:** Products supplied, importance to the Company, quality, price.

Through qualification assessments and ongoing performance evaluation, the Company integrates ESG risk management throughout the entire cooperation lifecycle, diligently tracking and evaluating whether suppliers fulfill the commitments outlined in the Supplier Code of Conduct.

Supplier ESG Management Requirements

Qualification Stage

- Require suppliers to sign the CSR Code of Conduct of Trina Solar Supplier, the Supplier ESG Commitment, the Conflict-Free Minerals Commitment Letter, and the Commitment Letter on Lawful Employment.
- Complete the ESG Risk Due Diligence Audit Form and conduct risk assessments based on ESG topics, the country of origin of key raw materials, industry, and product characteristics.
- Conduct on-site due diligence management audits, applying a one-veto system for suppliers violating "zero-tolerance" items.

Performance Evaluation

- Formulate the CSR Code of Conduct of Trina Solar Supplier.
- Establish the Supplier Due Diligence System Handbook and record assessment results in the Supplier ESG Risk Due Diligence Audit Form.
- Conduct due diligence performance evaluations, communicate results and related rewards/penalties, and provide supplier due diligence empowerment training.
- Suppliers that disclose ESG reports, have reports assured, or obtain ESG ratings may receive additional points in annual performance evaluations as appropriate.
- Initiate exit procedures for suppliers causing significant negative ESG impacts.



Supplier ESG Due Diligence System



Supplier Risk Assessment

We implement classified and tiered supplier management based on a risk-oriented approach, referencing mainstream international standards:

- **Multi-dimensional Profile:** Comprehensively considers supplier geographic risk, industry attributes, EHS compliance qualifications, and historical ESG performance.
- **Tiered Control:** Calculates supplier ESG risk levels and conducts targeted on-site due diligence according to the risk level.



Due Diligence

Trinasolar references the UN Guiding Principles on Business and Human Rights (UNGP) and the OECD Due Diligence Guidance for Responsible Business Conduct to build a supplier ESG evaluation system. Combined with requirements of SA8000, the Solar Stewardship Initiative (SSI), and the CSR Code of Conduct of Trina Solar Supplier, it forms processes and templates for desk assessments, on-site audits, and third-party joint audits.

- **Core Scope:** Comprehensively evaluates supplier performance in environment, society, business ethics, sustainable procurement, and material traceability from three dimensions: Policy & Process, Practice, and Assessment & Grievance.
- **Qualification Threshold:** We treat ESG performance as a mandatory criterion for supplier selection. Potential suppliers failing to meet Trina's "minimum qualification baseline" in the assessment are subject to a one-veto system.
- **Desk Assessment:** Conducts annual desk assessments on suppliers, systematically verifying supporting materials they provide for ESG-related responses.



Regular On-site Audits

On-site audits are a key method for Trina to verify the implementation of supplier ESG commitments:

- **On-site assessment:** Audit teams assess potential risks on-site through observation, random interviews, and document verification.
- **Corrective action plan:** For issues identified during audits, we provide professional improvement suggestions and require suppliers to complete closed-loop rectification within a set timeframe, achieving a virtuous cycle from problem identification to capability enhancement.



Independent Third-party Audits

Trinasolar engages professional, independent third-party audit teams. While conducting comprehensive internal audits of significant suppliers annually according to plan, it also initiates external third-party audits as needed to ensure objective and authentic audit results.



Incentives for External Authoritative Certifications

The Company encourages suppliers to continuously improve their management systems and actively participate in ESG-related management system certifications. We prioritize cooperation with suppliers possessing third-party certifications such as ISO 14001, ISO 45001, or SA8000.



Digitalization Drives Further Upgrade of Supplier ESG Management

Leveraging the digital Supplier Relationship Management (SRM) platform, the Company has enhanced online collection and archiving functions for supplier risk data, achieving real-time risk monitoring and visual presentation of performance, thereby improving the efficiency of supplier ESG management. In 2025, the Company launched the "Supply Chain ESG Management Dashboard" on the SRM system platform. This dashboard visually presents supplier performance evaluation results, total carbon footprint, and ESG management risk ratings, achieving dynamic management capabilities for supplier ESG performance.



Metrics and Targets

Trinasolar 2025 Supplier Numbers

Number of Tier-1 Suppliers

1,154

Among these, the number of significant suppliers: **650**

accounting for **74%** of total procurement value.

Among Tier-1 Significant Suppliers, the number receiving development support and empowerment from Trinasolar

520

representing **80%** of the total

Supply Chain ESG Management

Targets

Agreement Signing Rate:

100 %

signing rate for the Supplier ESG Commitment and the Supplier Integrity Agreement.

Supplier Screening:

100 %

of new suppliers are screened using environmental and social standards.

Metrics

Agreement Signing Rate: The 2025 signing rate for the Supplier ESG Commitment and Integrity Agreement was

100 %

New Supplier Screening: Number of the new suppliers were screened using environmental and social standards

100 %

Number of Suppliers Assessed via Desk Assessments

612

achieving a coverage rate of **94.15%**

Number of Suppliers Assessed via On-site Assessments

34

Number of Suppliers Assessed as Having Substantial Actual/Potential Negative Impacts

2

all have completed corrective action tracking

Total Number of Suppliers Supported by the Company in Implementing Corrective Actions

2

Number of Suppliers with Substantial Actual/Potential Negative Impacts that were Terminated

0

Responsible Minerals and Critical Raw Materials Management

Targets

100% suppliers with conflict mineral risks sign the Non-Conflict Minerals Statement.

Due Diligence Coverage Rate for Suppliers Involving 3TG Raw Materials: **100%**.

Management Target for Key Material Traceability Completion Rate for Core Suppliers: Plan to achieve **100%** traceability coverage for the place of origin of main raw materials within three years.

The quantity of minerals sourced from conflict-affected and high-risk areas is **0**, and the revenue generated from products containing such minerals is **0**.

Metrics

Cumulative Number of Suppliers Signing the Non-Conflict Minerals Statement

846

100% of suppliers involving 3TG raw materials signed the Non-Conflict Minerals Statement.

During the Reporting Period, the Company completed due diligence for **100%** of the 16 suppliers involving 3TG raw materials. **100%** suppliers submitted CMRT reports and third-party RMAP certification documentation, and the country of origin for all minerals was China.

Over the past four Reporting Periods, the quantity of minerals sourced from conflict-affected and high-risk areas was

0

the revenue generated from products containing such minerals was

0

Industry Collaboration and Development

Upholding the principle of open cooperation, Trinasolar actively participates in industry exchange and collaborative innovation, continuously expands the application boundaries of new energy technologies, and works with industry chain partners to build a mutually beneficial and win-win innovation ecosystem, contributing to the high-quality development of the photovoltaic industry and the global transition to sustainable energy.

Collaborative R&D

Trinasolar fully unleashes its potential for external collaborative innovation. Based on in-depth analysis of global market trends and application scenarios, it partners with research institutes, universities, and other institutions to deepen industry-academia-research collaborative innovation, integrates advantageous R&D resources, and accelerates PV technology iteration and breakthroughs in key core technologies. During the Reporting Period, the Company successfully implemented multiple R&D innovation and technological cooperation projects, continuously solidifying its technology reserve and strengthening core competitiveness, providing solid support for industry technological advancement and the global green energy transition.

Global Industry-Academia-Research Exchange and Collaboration

Polytechnic University of Madrid Industry-Academia-Research Demonstration Center

In 2025, the Solar Energy Demonstration Center jointly built by Trinasolar and the Institute of Solar Energy (IES) of Polytechnic University of Madrid was officially inaugurated, marking a milestone in the strategic partnership. The center shows cutting-edge products such as Vertex N-type modules and Vanguard trackers, serving functions of technology demonstration, joint R&D, and talent cultivation. It acts as a key link connecting Chinese and European PV innovation, helping to cultivate professionals who meet the industry's development needs. This initiative underscores Trinasolar's firm commitment to advancing the global energy transition through localized cooperation.



Ribbon-Cutting Ceremony of the Demonstration Center at Polytechnic University of Madrid



Brazil Facens University Innovation Training Center

In 2025, Trinasolar collaborated with Brazil Facens University to establish Latin America's first PV Innovation Training Center, located on the Facens University campus. The center provides integrated services including technical training, applied research, and on-site study tours for students, industry practitioners, and clients. Equipped with an advanced PV system consisting of Vertex N-type modules and Vanguard 1P trackers, it offers offline technical courses focused on practical operation and market demand, covering full-process skills from installation and commissioning to operation and maintenance. This helps installers, EPCs, developers, and engineers quickly master mainstream equipment and cutting-edge technologies. The center successfully completed its first certified training session, designing practical content based on project pain points and issuing official certification, effectively upgrading the professional competency of local photovoltaic talents across Brazil and wider Latin America.



PV Innovation Training Center at Facens University, Brazil

Meanwhile, a delegation from the Engineering and Innovation Center conducted an exchange visit to Trinasolar. The team toured Trinasolar's exhibition hall and intelligent manufacturing base, and gained in-depth insights into core technologies and scenario-oriented solutions for cells, energy storage systems, smart trackers, etc., which further strengthened industry-university-research collaboration in the renewable energy sector.



Visit by Facens University to Trinasolar



Industry Exchange

The Company consistently considers building a synergistic, efficient, and sustainable industrial ecosystem as its responsibility. It continuously deepens strategic cooperation with partners across the industrial chain, promotes resource sharing, complementary advantages, and collaborative innovation, and leads the industry towards a new paradigm of high-quality development characterized by openness, synergy, and shared success.



Trina Storage Showcases at ASEAN Sustainable Energy Week (ASEW) 2025, Supporting Thailand's Energy Transition

In July 2025, Trina Storage presented the newly upgraded Elementa 2 Pro energy storage system at the ASEAN Sustainable Energy Week (ASEW) 2025 in Thailand. The system is equipped with self-developed 314 Ah high-performance cells, a cycle life exceeding 10,000 cycles, 2-hour fire resistance capability, C5 corrosion resistance certification, and IP67 protection grade. It can adapt to complex environments with high salt spray, high humidity, and extreme temperatures, with significantly improved energy density and operational efficiency. Leveraging mature and reliable PV-storage systems, Trinasolar is committed to creating long-term value for developers, EPCs, and end-users in Thailand, deepening localized cooperation, and continuously driving the clean energy transition and green, low-carbon development, jointly accelerating Thailand's journey towards a low-carbon future.



Trinasolar Participates in UN Global Compact (UNGC) Roundtable on Climate Just Transition, Officially Joins the Global Solar Sustainable Alliance (GSSA)

In July 2025, the roundtable themed Dialogue with UN Assistant Secretary-General and UN Global Compact on Climate Just Transition was held in Shanghai, hosted by the UN Global Compact (UNGC). The roundtable brought together corporate representatives from diverse sectors to jointly launch a joint initiative promoting climate transition and to showcase and share enterprises best practices in advancing a just transition.

During the session, Trinasolar officially joined the Global Solar Sustainable Alliance (GSSA). Aligned with the Ten Principles of the UN Global Compact and the Climate Just Transition initiative, the Company actively responded to GSSA's joint initiative and strengthened in-depth cooperation and exchange with relevant stakeholders.

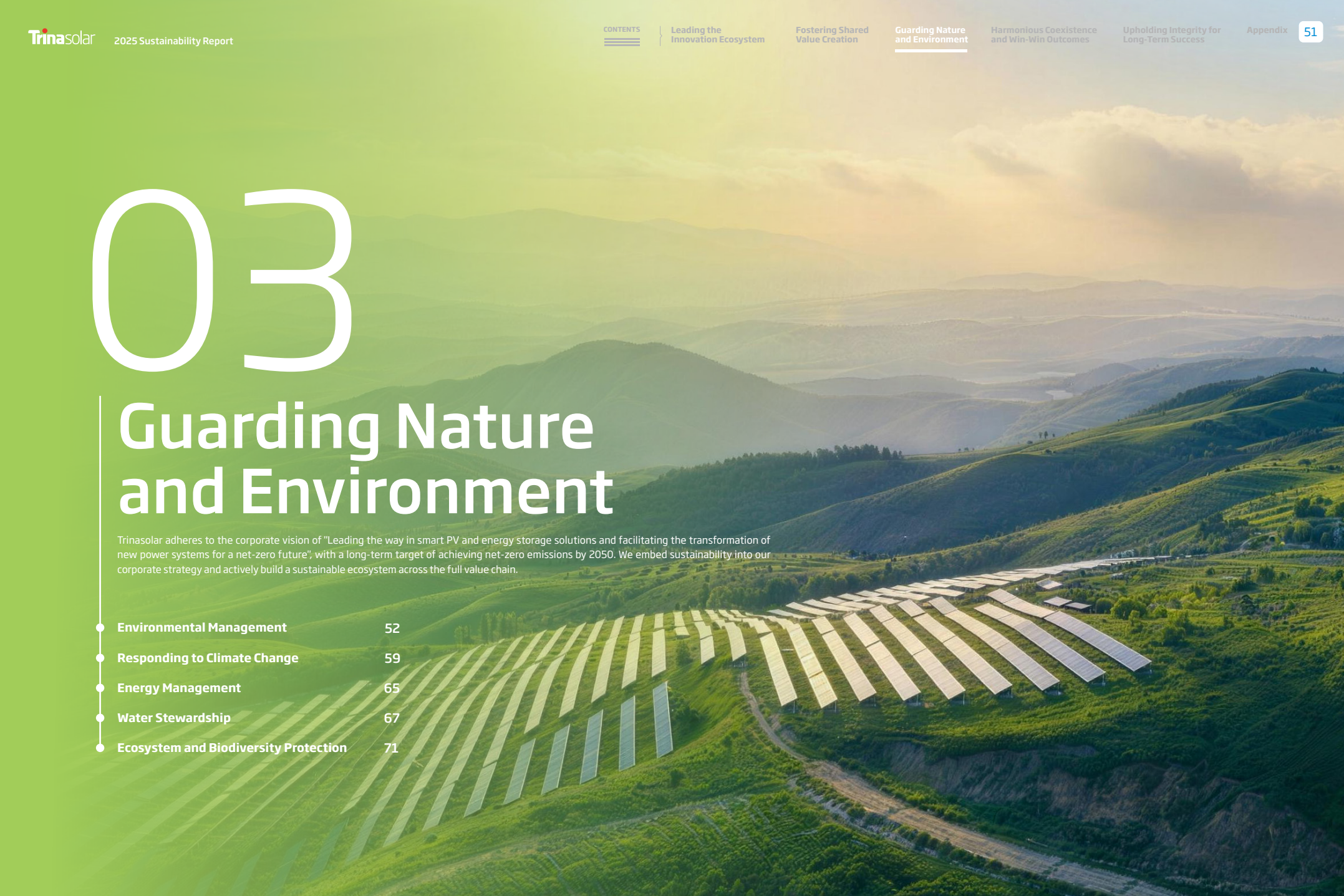


03

Guarding Nature and Environment

Trinasolar adheres to the corporate vision of "Leading the way in smart PV and energy storage solutions and facilitating the transformation of new power systems for a net-zero future", with a long-term target of achieving net-zero emissions by 2050. We embed sustainability into our corporate strategy and actively build a sustainable ecosystem across the full value chain.

● Environmental Management	52
● Responding to Climate Change	59
● Energy Management	65
● Water Stewardship	67
● Ecosystem and Biodiversity Protection	71





Environmental Management

Trinasolar takes climate neutrality as its core objective, deeply exploring synergistic pathways between natural ecosystems and corporate development. We integrate environmental and nature protection into our ESG strategic planning, fully considering the dependence of daily operations on the natural environment and potential impacts, with a focus on pollution and waste management, resource conservation, circular economy, and biodiversity protection to jointly safeguard natural ecosystems with value chain partners.

Environmental Compliance Management

Environmental Compliance Control

Trinasolar strictly complies with domestic and international environmental laws and regulations, including the Environmental Protection Law of the People's Republic of China, the Soil Pollution Prevention and Control Law of the People's Republic of China, the Water Pollution Prevention and Control Law of the People's Republic of China, the Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes, the Law of the People's Republic of China on Environmental Impact Assessment, and the EU REACH Regulation. We consistently uphold high standards of environmental management practice to minimize operational impacts on the ecological environment.

The Company has formulated a series of environmental management systems, including the Environment, Occupational Health & Safety, and Energy Management Policy, and continuously monitors and controls environmental impacts and risks. In 2025, we revised core procedures—including the Prevention and Control Management Procedure of Water Pollution, the Atmospheric Pollution Prevention Management Procedure, the Waste Management Procedure, and the Noise Management Procedure—to align with global operational perspectives, fully integrating local regulatory requirements and operational realities to build a unified management framework across all global manufacturing bases, providing stronger institutional support for compliant operations and risk control.

Trinasolar conducts internal environmental management system audits annually, led by the Group EHS Department, achieving 100% coverage across all bases; we also continuously advance ISO 14001 environmental management system certification. As of the reporting date, all stably operating production bases have obtained third party-issued ISO 14001 certification, achieving 100% external certification coverage.



National Green Factory

4

Provincial Green Factory

13

Municipal Green Factory

1

Environmental Risk Prevention

The Company has established a routine and systematic environmental factor identification and assessment mechanism. Each production base annually independently identifies and evaluates environmental factors in its operations, forming a list of key environmental factors. The Group headquarters consolidates and integrates the environmental risk control list, clearly defining control measures and handling methods for each key environmental factor to ensure closed-loop management and continuous improvement of environmental risks.

During the Reporting Period, the Company did not experience any environmental incidents of general level or above, and there were no records of environmental violation penalties.

Environmental Awareness Promotion

To systematically enhance employees' environmental awareness, the Company launched the Trinasolar Environmental Protection Knowledge for All Employees online training course during the Reporting Period. The course covers key topics including pollution prevention, wastewater, waste gas, and waste management, with more than 6,000 employees participating in the training.

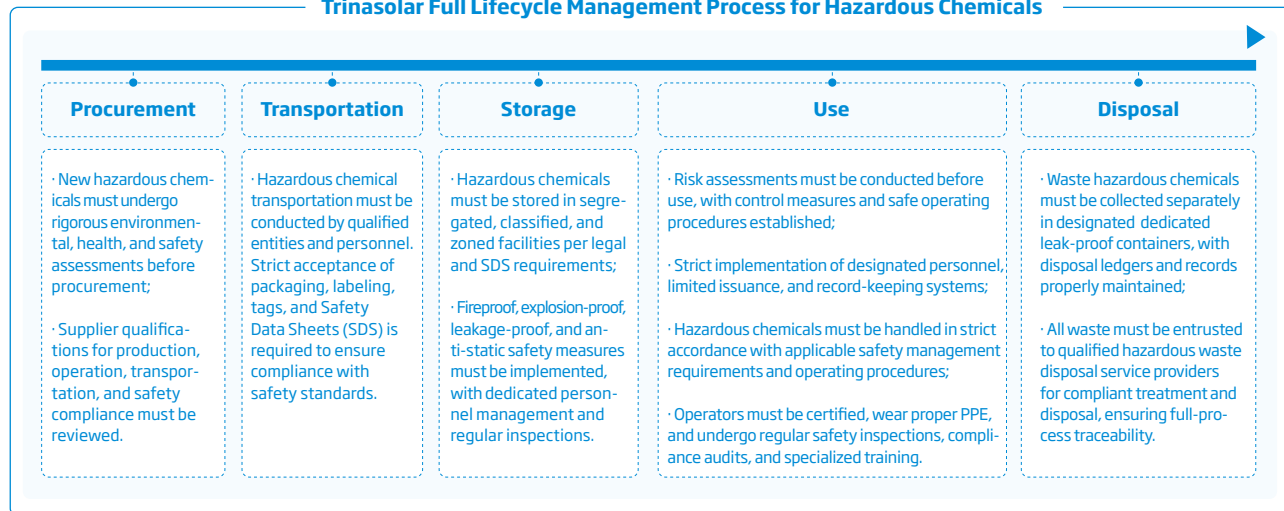
Hazardous Materials, Pollutants, and Waste Management

Full Lifecycle Management of Hazardous Chemicals

Based on the Work Safety Law of the People's Republic of China, the Environmental Protection Law of the People's Republic of China, the Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes, the Regulations on the Safety Management of Hazardous Chemicals, and the REACH Regulation, Trinasolar has established a systematic, full-lifecycle safety control mechanism for hazardous chemicals, with stricter requirements for hazardous chemicals, covering procurement, transportation, storage, use, disposal, and waste management, supported by professional emergency response procedures to ensure risks are identifiable, controllable, and manageable.

To adapt to global business management and deepen full-lifecycle risk control of hazardous chemicals, in 2025 the Company comprehensively updated the Chemical Management Procedure, and developed supporting inspection standards including the EHS General Inspection Checklist for Chemicals, the Special Inspection Checklist for Hazardous Chemicals Safety, the Comprehensive Safety Inspection Checklist for Special Gases, the Tube Trailer Operation Safety Confirmation Form, the Major Hazard Source Inspection Form, and the Safety Management Inspection Checklist for Precursor and Explosive Chemicals, strengthening control points for hazardous chemicals and clarifying management norms for procurement, transportation, storage, use, disposal, and waste.

Trinasolar Full Lifecycle Management Process for Hazardous Chemicals



Emergency Response Mechanism

The Company has established a systematic mechanism spanning daily management and emergency response, including a dedicated Hazardous Chemicals Emergency Response Plan. Regular emergency drills, self-inspections, and special inspections are conducted, continuously enhancing risk prevention capabilities. In the event of a hazardous chemical leak or similar emergency, the Emergency Response Team (ERT) responds immediately, activating graded emergency plans based on incident severity. After incident resolution, root cause analysis is conducted, corrective measures are formulated and implemented, continuously enhancing the resilience and control effectiveness of hazardous chemical safety management.

Hazardous Chemicals Safety Training

The Company developed and launched the Chemical Safety Training course, with special emphasis on hazardous chemical control requirements, promoting strict adherence to management procedures across all production bases and comprehensively enhancing employee safety awareness and operational capabilities.



Yangzhou Base's "Zero Leakage, Zero Loss of Control" Safety Special Initiative for High-Risk Chemicals in PV Cell & Module Manufacturing

In 2025, targeting the high-risk characteristics of special gases and highly corrosive chemicals (e.g., SiH₄, H₂, PH₃, HF, HCl, H₂O₂) used in PV cell and module manufacturing, Trinasolar's Yangzhou Base launched the "Zero Leakage, Zero Loss of Control" safety special initiative, aiming to build a full-lifecycle intrinsic safety control system covering procurement-transportation-storage-use-disposal.

Based on the Group's Chemical Management Procedure, the Yangzhou Base systematically reviewed and risk-assessed its existing management processes, precisely identifying key weaknesses in inventory management, emergency preparedness, personnel capability, and standard implementation. Targeted improvement measures were implemented: Dynamic alignment of on-site inventory with production plans to precisely control on-site stock; Upgrading leak-prevention facilities to build robust physical emergency barriers; Enhancing personnel capabilities through routine inspections and drills; Optimizing key safety parameters by benchmarking against domestic and international advanced standards.

After one year of systematic implementation, the initiative achieved "dual zero" outcomes (zero leakage incidents and zero related injury incidents) and "four 100%" (100% hazard rectification rate, 100% training participation rate, 100% training pass rate, and 100% safety inspection pass rate), significantly enhancing safety standards in this high-risk manufacturing segment.



Chuzhou Base's 2025 Full-Lifecycle Safety Management Practice for Electrolyte

In 2025, the Energy Storage Division's Chuzhou Base focused on electrolyte—a high-risk material—conducting systematic safety upgrades across its supply chain and waste disposal links. The Base identified that the original tanker truck supply area had insufficient fire separation distances, and through specialized planning and engineering upgrades, reconfigured the supply area to achieve centralized, compliant storage and supply, fundamentally eliminating prior safety risks.

Addressing the inadequate emergency measures at the previous temporary waste storage site, the Base established a full-lifecycle management mechanism covering generation-temporary storage-transportation-disposal. By replacing plastic discharge funnels with stainless steel ones and other intrinsic safety improvements, ignition source risks during operations were effectively reduced, supplemented by specialized training to ensure standardized operations. These measures systematically enhanced the full-lifecycle safety management quality of electrolyte.

Waste Gas Management

Trinasolar strictly complies with the Atmospheric Pollution Prevention and Control Law of the People's Republic of China and relevant local environmental laws, formulating policies such as the Atmospheric Pollution Prevention Management Procedure to achieve full-process management of pollutant emissions—from source reduction, process control, to end-of-pipe treatment.

Key pollutants controlled in production include nitrogen oxides (NO_x), sulfur oxides (SO_x), volatile organic compounds (VOCs), ammonia, and particulate matter (PM). To continuously reduce environmental impact, the Company employs green substitution of raw materials, upgrading of waste treatment facilities, and optimization of production processes to improve treatment efficiency, reduce pollutant generation and unorganized emissions, and ensure stable, compliant emissions.

The Company regularly commissions qualified third-party institutions for environmental monitoring, conducting regular verification of treatment effectiveness and emission concentrations, and ensuring all emission outlets consistently meet national and local standards, thereby actively practicing green operations.



Dafeng Energy Storage's NMP Tank Area Exhaust Treatment: "Technical Prevention + Safety Prevention" Dual Enhancement

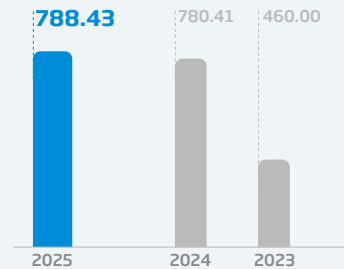
In 2025, Trina Storage Dafeng Base implemented a fugitive emissions control project targeting exhaust emissions from the NMP storage tank area. As materials stored in the tanks release non-methane hydrocarbons (primarily NMP) at ambient temperatures through vent valves, the base installed a two-stage activated carbon adsorption treatment system to collect and deeply purify vented waste gases. The treated gases are discharged through a 15-meter exhaust stack in compliance with applicable emission standards, reducing annual NMP emissions to approximately 0.0048 tonnes.

This project integrated safety specifications into technical documentation during the design phase, avoiding repeated construction later and systematically enhancing the environmental compliance and intrinsic safety level of this segment.

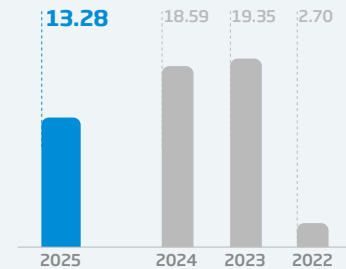


Trinasolar Waste Gas Emissions Key Performance

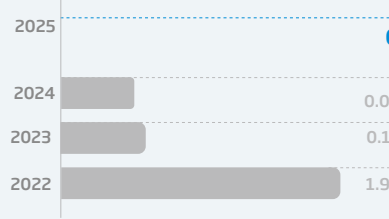
Total Waste Gas Emissions (100 million m³)



Total NO_x Emissions (tonnes)



Total SO_x Emissions (tonnes)



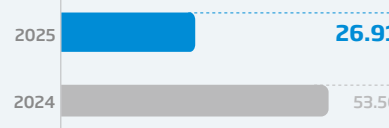
Ammonia Emissions

2025
142.31

Fluoride Emissions

2025
24.24

PM Emissions (tonnes)



Chloride Emissions

2025
36.53

VOCs Emissions (tonnes)



Data Correction Statement: Due to a change in the data statistical methodology, the Company's VOCs emissions for the year 2024 are 154.65 tons.

Wastewater Management

Trinasolar strictly complies with the Law of the People's Republic of China on Prevention and Control of Water Pollution and other applicable laws and regulations in all locations where it operates. The Company has established and rigorously implemented the Prevention and Control Management Procedure of Water Pollution and other specialized systems to comprehensively regulate wastewater collection, treatment, discharge, and reuse. In 2025, the Company revised and enhanced the Prevention and Control Management Procedure of Water Pollution, further strengthening control requirements, clarifying management responsibilities, and improving control effectiveness and environmental compliance standards.

The Company strictly enforces stormwater and wastewater segregation infrastructure. By strengthening source reduction measures, we prevent the cross-contamination of fire-fighting water and chemical waste into stormwater networks, ensuring all effluents are collected and treated in accordance with compliance standards before discharge.

The Company conducts annual comprehensive reviews and dynamic updates of its wastewater pollution source inventory, regularly monitors various wastewater discharge indicators, and completes standardized collection, statistics, and archiving of wastewater and pollutant volumes to ensure data integrity, accuracy, and traceability.



Acid-Alkali Wastewater Segregation and Treatment for Sludge Resource Recovery

In 2025, the Yangzhou Base implemented a targeted infrastructure upgrade to decouple acid and alkali wastewater treatment. This optimization not only significantly improved the stability of fluoride emissions but also increased the concentration of calcium fluoride in the sludge to over 90% by enhancing the acid reaction system. Consequently, the sludge generation intensity per unit of production decreased by 68%. This initiative substantially reduced hazardous waste management expenditure while maximizing circular economy value—achieving synergistic environmental and economic benefits.

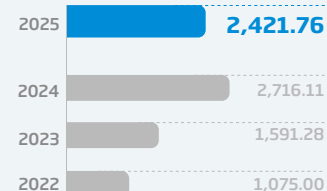


Trinasolar Wastewater Management Key Performance

Total Wastewater Discharge (10,000 tonnes)



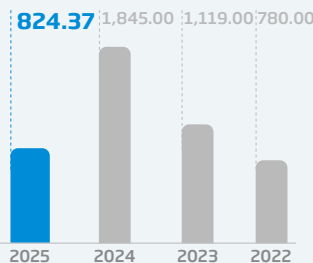
of which: Industrial Wastewater Discharge (10,000 tonnes)



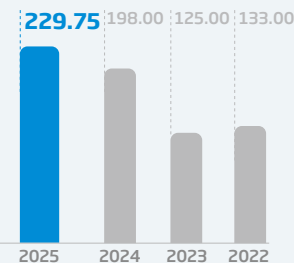
of which: Domestic Wastewater Discharge (10,000 tonnes)



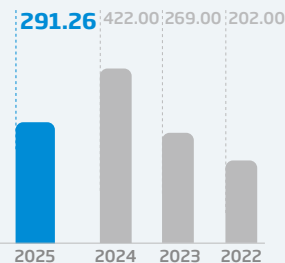
Total Chemical Oxygen Demand Emissions (tonnes)



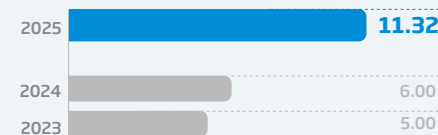
Total Ammonia Nitrogen Emissions (tonnes)



Total Suspended Solid Emissions (tonnes)



Total Phosphorus Emissions (tonnes)



Total Nitrogen Emissions (tonnes)



Waste Management

Trinasolar strictly complies with the Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes and relevant local regulations, establishing a waste management system centered on the Waste Management Procedure to implement classified control and standardized disposal of general industrial solid waste and hazardous waste, systematically reducing environmental impact from operational waste. To adapt to global operations and strengthen environmental compliance and risk control, the Company comprehensively revised the Waste Management Procedure in 2025, further enhancing the system's adaptability and cross-functional synergy to overseas operations and local regulatory requirements.

Classified Disposal

The Company implements full-process classified management of solid waste: for hazardous waste, it strictly enforces government platform reporting, sealed container storage, and qualified unit transportation and disposal; for general industrial solid waste, it conducts classified collection, standardized temporary storage, and entrusts qualified units for resource recovery or safe disposal, ensuring full-process management compliance.

Supervision & Audit

The Company establishes a three-tier collaborative waste management audit and supervision system comprising the "Group Headquarters - Business Division - Base" levels to identify opportunities for improving waste performance and achieve closed-loop management. The Group Headquarters conducts dedicated audits through EHS cross-checks and system audits; business divisions strengthen daily supervision through quarterly checks and unannounced inspections; and production bases conduct routine self-inspections to continuously enhance on-site control and data analysis capabilities.

Specialized Training

To advance precision waste management, the Company implements a systematic training curriculum centered on waste minimization. Training content covers topics including environmental awareness as well as the standardized management of wastewater, waste gas, and solid waste. The training programs target personnel in key functions such as workshop operations, facility operation and maintenance, equipment management, and warehousing and logistics. These initiatives have effectively strengthened employees' awareness of source reduction and their ability to carry out standardized operations, laying a solid foundation for a skilled and sustainable talent pipeline. Trinasolar actively embraces sustainable development principles and continues to advance initiatives aimed at reducing waste generation. Through systematic management and technological improvements, the Company minimizes waste generated during production processes and enhances overall operational efficiency, while also evaluating quantitative targets to further improve waste management performance. At the same time, Trinasolar continues to invest in research and development to explore more environmentally friendly production processes and alternative materials, supporting the transition toward greener and lower-carbon operations while further strengthening the Company's environmental responsibility and market competitiveness.



Calcium Fluoride Sludge Comprehensive Utilization Project

In 2025, the Company established a systematic governance strategy for fluoride-containing waste across the full value chain, achieving significant progress in both environmental and economic performance.

Source & Process Control: Optimized cell production processes to reduce HF (hydrofluoric acid) consumption from 150 L/MW to approximately 100 L/MW, reducing fluoride pollutant input at the source.

Stream Segregation: Implemented segregated treatment of acid and alkali wastewater to avoid ineffective side reactions and mixed-salt sludge, improving fluoride removal efficiency and yielding higher-purity calcium fluoride sludge.

Process Optimization: Optimized water treatment processes—including reagent ratio adjustment and sludge recirculation—to reduce fresh reagent consumption and sludge generation.

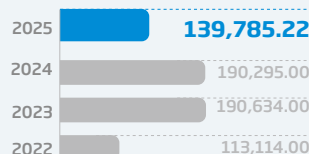
Circular Valorization: Upgraded wastewater treatment processes, increasing calcium fluoride purity and enabling tiered utilization: sludge with >90% CaF₂ is refined into fluorspar powder for HF production; materials with 60%–90% CaF₂ is processed into fluorspar blocks/balls for use in the steel industry. In 2025, the Company's fluoride sludge diversion rate exceeded 50%, effectively reducing environmental risk and enabling waste resource recovery.



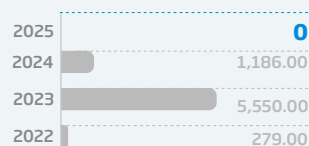
Non-hazardous Waste Generation (tonnes)



Of which: Recycled (tonnes)



Of which: Landfilled (tonnes)



Of which: Incinerated (tonnes)



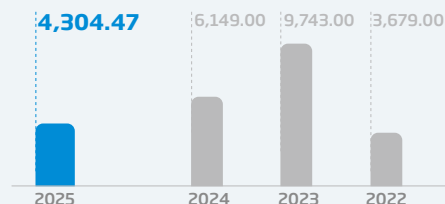
Of the incinerated: incinerated with energy recovery (tonnes)



Non-hazardous Waste Recycling Rate

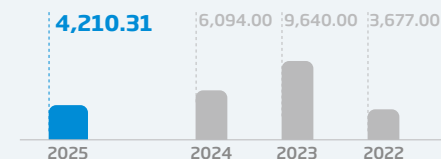


Hazardous Waste Generation (tonnes)



Trinasolar Waste Management Performance

Hazardous Waste Transport & Disposal (tonnes)



Of which: Landfilled (tonnes)



Of which: Incinerated (tonnes)



Of the incinerated: incinerated with energy recovery (tonnes)



Circular Economy

Circular Economy System

Trinasolar regards the circular economy as a key driver of sustainable development, strictly adhering to the Circular Economy Promotion Law of the People's Republic of China and formulating a specialized Circular Economy Policy. Guided by the principle of "Reduce, Reuse, and Recycle", Trinasolar has developed a full-value-chain management system covering R&D, procurement, production, and recycling through target setting, implementation oversight, and continuous improvement mechanisms.

The Company implements a closed-loop management mechanism through goal setting, implementation oversight, and continuous improvement:



Product Design: Fully implements green design, prioritizing recyclable and renewable raw materials; conducts lifecycle assessments to enhance product durability, disassemblability, and recyclability; reduces use of perfluoroalkyl substances and other hazardous materials.



Green Procurement: Transmits circular economic concepts to suppliers, optimizes supply chain transparency and resource efficiency, and promotes full-chain low-carbon circular practices.



Production Operations: Continuously optimize processes, advancing energy/water conservation and waste resource recovery, and strictly implement full-process waste management procedures.



Recycling & Utilization: Establishes integrated recycling mechanisms for end-of-life products, packaging materials, and other waste to promote resource efficiency.

Trinasolar Core Circular Economy Initiatives by Product Type



PV Modules

Based on carbon footprint management, promote silicon optimization, lightweighting, and application of renewable materials at the product design stage; proactively develop end-of-life module recycling systems, conduct R&D on disassembly and material recycling, and prepare for new upcoming Extended Producer Responsibility (EPR) requirements.



Energy Storage Systems

Establish battery passport and carbon footprint data traceability systems; integrate easy-disassembly and recyclability principles into product design; establish a complete end-of-life battery management system covering recycling, second-life applications, material recovery, and compliance management.



Mounting System

Focus on low-carbon and recyclable steel materials; prioritize low-carbon steel based on supplier carbon emission calculations; develop robotic smart disassembly technologies to enhance end-of-life disassembly efficiency and material recovery purity, thereby maximizing resource circularity.

Module Product Circular Management

Trinasolar has formulated and implemented the Specification for Circular Use of Photovoltaic Module Materials, covering procurement, production, warehousing, and recycling at domestic and overseas bases, forming a full-chain closed-loop management system.

For core materials (glass, frames, edge sealing tape, packaging), set tiered recycling and regeneration targets to continuously improve resource recycling rates.

Integrate the 4R principle (Reduce, Reuse, Recycle, Recover) into packaging material management, standardizing green packaging and reuse requirements via systems, and continuously expanding wood crate and pallet recycling scale and reuse ratios.

Publish the Customer Complaint End-of-Life Module Disposal Work Instruction, standardizing post-sales end-of-life module disposal procedures to ensure compliant disposal and efficient resource recycling.



Advancing Recycled PV Modules to Co-Create Circular Value

Leveraging over a decade of R&D in PV module recycling, Trinasolar successfully developed the world's first fully recycled and regenerated PV module in 2024, forming a comprehensive technical system for full-recycling regenerated PV modules. As of December 31, 2025, the Company has filed 35 patents in module recycling, with 26 granted and publicly disclosed invention patents; led or participated in five recycling-related standards; and undertook two national key circular economy R&D projects, solidifying its industry leadership through technological innovation and standard setting.

Moreover, compared to conventional mass-produced modules, Trina's recycled modules achieve higher proportions of regenerated materials, covering regenerated silicon wafers, regenerated fine silver paste, regenerated glass, and regenerated aluminum frames:

- Recycled silicon wafers: Produced via N-type monocrystalline Czochralski technology for efficient silicon resource recycling;
- Recycled silver: Developed in collaboration with upstream and downstream partners to produce front-side fine-grid silver paste. By integrating high-resistance dense-grid technology, the solution enhanced silver-silicon process compatibility and improved silver resource utilization efficiency;
- Recycled glass and aluminum frames: Recovered from end-of-life PV modules, remelted and reformed into regenerated glass and aluminum frames, achieving material closed-loop utilization.



World's First Fully Recycled Regenerated PV Module Demonstration Application

In May 2025, the Group Headquarters' campus PV-storage-charging-discharging integrated microgrid demonstration station was commissioned with Trina's self-developed 12 kW fully recycled regenerated PV modules. The demonstration station has operated stably for one full year, fully validating the technical feasibility and operational reliability of large-scale application of recycled materials, providing a practical benchmark for the implementation of a full-lifecycle closed-loop PV value chain.

Additionally, the Company systematically advances material recycling, continuously reducing resource consumption and carbon emissions, delivering quantifiable circular practices to support green, low-carbon manufacturing and fulfill sustainability commitments.



Dual-Track Resource Renewal—Calcium Fluoride Deep Processing & Plastic Pelletizing Project

In March 2025, Trinasolar's calcium fluoride deep processing and plastic pelletizing project was successfully commissioned and tested at the Hua'an Base, marking a key breakthrough in industrial solid waste resource utilization and circular economy construction.

To practice cost reduction, efficiency enhancement, and green development strategies, the Company built two core innovative businesses: (1) deep purification technology to convert fluoride sludge into high-purity resource products, significantly reducing PV cell segment solid waste disposal costs while opening new value-creation channels; (2) recycled plastic pellet processing to enhance the value of recycled resources.

Leveraging EPE/EVA recycled plastic pellets, sludge drying systems, and other core technologies and facilities, Trinasolar further perfected its full-lifecycle solid waste closed-loop management system, successfully achieving "sludge-to-resource" transformation and establishing a replicable, scalable circular economy technical solution and management model.



First Batch of EPE/EVA Recycled Plastic Pellets



Sludge Drying System

Energy Storage Product Circular Management

The Company places high importance on the full-lifecycle circular management of energy storage products, strictly complying with the EU Batteries and Waste Batteries Regulation and relevant laws in operational and product-market regions, formulating the EU Batteries Regulation Regenerated Material Management Specification, and fully implementing the Extended Producer Responsibility (EPR) system to ensure compliant use of regenerated materials. The Company establishes a multi-departmental collaborative control mechanism (R&D, Supply Chain, Quality, IT, Production) to achieve full-lifecycle linkage in energy storage product circular management.

✓**Product Design:** Ensure key performance parameters (e.g., durability) meet regulatory requirements.

✓**Procurement & Production:**

- Implement supplier audits and full-chain traceability management, leveraging digital systems to conduct precise mass balance calculations, ensuring authenticity, traceability, and auditability of cobalt, lithium, nickel, and lead regenerated content data.
- Specify statutory minimum regenerated metal content targets for 2031 and 2036, continuously advancing disclosure of regenerated material ratios.

✓**End-of-Life Recycling:** Fulfill EPR obligations, builds end-of-life battery material recycling systems, sets legally compliant raw material recycling ratio targets, and collaborates with qualified professional recycling institutions, driving efficient resource utilization of energy storage batteries and continuously enhancing the circular economy development level of energy storage products.

Extended Producer Responsibility (EPR)

The Company strictly complies with the EU Waste Electrical and Electronic Equipment (WEEE) and other relevant laws, and has joined multiple national-level WEEE EPR programs (e.g., PV CYCLE), ensuring local WEEE cooperation institutions understand and implement electronic waste management standards and possess compliant recycling and reuse qualifications.

In addition, when conducting product sales and delivery in markets where WEEE regulations are applicable, by means of communication and regular training, we actively provide customers with information on product compliance requirements related to WEEE recycling and reprocessing, as well as details about the product recovery network.



EU Market PV Module WEEE Compliance Management

Trinasolar establishes a full-lifecycle management system for end-of-life PV modules through localized compliance operations, certified processor collaboration, and closed-loop control.

Localized Compliance Operations: The Company has built professional recycling teams in Europe to coordinate end-of-life module recycling, processing, and supervision, promptly responding to policy updates and regulatory requirements to solidify compliance foundations.

Processor Collaboration: Establishes strict qualification mechanisms, annually selecting and contracting with certified EU WEEE processors meeting EN 50419 standards for waste electrical & electronic equipment classification and labeling, as well as hazardous waste disposal requirements, covering module disassembly, material recycling, and harmless disposal; regular cooperation evaluations ensure processors continuously meet compliance and environmental standards, while collaborating with partners to explore regenerated material recycling and support circular economy development.

Closed-Loop Control System: Builds a complete closed-loop system covering "recycling demand response – compliant logistics transport – qualified processor harmless disposal – risk monitoring & optimization", achieving full-lifecycle control from product launch to end-of-life recycling through systematic, standardized, and traceable management mechanisms, effectively fulfilling EPR obligations.

Responding to Climate Change

Trinasolar is committed to becoming a global leader in the new energy industry, actively taking action and leveraging technological innovation to lead upstream and downstream industry players and stakeholders toward low-carbon transformation.

The Company adheres to the United Nations Framework Convention on Climate Change and the Paris Agreement. In alignment with our commitment, the Company has developed a series of policies, including the Environmental, Occupational Health & Safety, and Energy Management Policy, Climate Change Policy, and Product Stewardship Policy, which were formulated in accordance with relevant laws, regulations, and the national "carbon peak, carbon neutrality" strategy. The Company is dedicated to implementing global emission reduction initiatives, advancing carbon reduction efforts throughout its operations and value chain, enhancing its capacity to address climate change risks and capitalize on related opportunities, strengthening climate resilience, and supporting the global transition to net-zero emissions.

Governance

Trinasolar has established a comprehensive ESG governance structure and sustainable development governance system to systematically address climate-related risks and opportunities.

At the top-level climate governance, the Board's Strategy & Sustainability Committee is responsible for reviewing climate change response strategies, action plans, and major policies; assessing climate-related risks and opportunities and providing professional recommendations to the Board; and supervising climate work implementation, resource allocation, and progress. The Board fully incorporates professional opinions, systematically integrating climate change factors into strategic planning, business plan formulation, and comprehensive risk management to ensure scientific and forward-looking decision-making. Climate-related matters, including climate disclosure and carbon target setting are included in the Board and Strategy & Sustainability Committee agendas, with annual discussions held on these topics.

The Company establishes an ESG Management Committee, reporting to the Strategy & Sustainability Committee at least once annually, responsible for monitoring climate policy and industry trends, benchmarking peer practices, driving and supervising climate action implementation across departments, identifying and assessing climate risks and opportunities, and engaging in regular communication with stakeholders to collect expectations and opinions on climate governance.

At the operational level, the ESG Management Committee collaborates with EHS, R&D, Procurement, Manufacturing, Sales, and other departments to advance climate action, reporting work progress at least twice annually, assisting in identifying, assessing, and managing climate risks; researching industry policies and standards; decomposing and implementing climate strategy targets; and improving operational mechanisms, processes, and indicator systems.

The Company integrates climate action indicators into the annual remuneration structure of senior management, linking them to incentives to ensure efficient implementation of climate governance targets. Simultaneously, multi-level climate and ESG specialized training is conducted for directors, key climate management personnel, carbon management specialists at production bases, and supply chain partners to comprehensively enhance climate change response capabilities and solidify the full-chain climate governance foundation.





Strategy

Trinasolar comprehensively identifies climate-related risks and opportunities and systematically integrates them into corporate risk management, strategic formulation, and financial planning. During the Reporting Period, the Company deepened climate-related risk and opportunity analysis in accordance with the Task Force on Climate-related Financial Disclosures (TCFD) framework and the IFRS S2 climate disclosure standard. Using authoritative climate scenarios from the Intergovernmental Panel on Climate Change (IPCC) and the International Energy Agency (IEA), the Company conducted stress tests to systematically study the potential significant impacts on the Company's business, strategy, and financial planning, transmission pathways, and time horizons of various climate risks, providing scientific decision support for optimizing climate risk management, building a more resilient long-term strategy.

Scenario Analysis

For physical risks, the Company uses the IPCC Sixth Assessment Report (AR6) Representative Concentration Pathways (RCP) and Shared Socioeconomic Pathways (SSP) scenarios. These scenarios integrate greenhouse gas concentration pathways and socioeconomic development models to simulate global climate system evolution under different mitigation intensities, providing a scientific basis for physical risk assessment.

Climate Scenario	Scenario Type	GHG Emission Profile	Projected Global Avg. Temp. Rise by 2100
SSP5-8.5	High Climate Change Scenario	"Business-as-Usual" extreme scenario, heavy reliance on fossil fuels; physical risks (e.g., extreme weather, sea-level rise) peak.	3.3 - 5.7°C
SSP2-4.5	Medium Climate Change Scenario	Between optimistic and pessimistic, emissions peak around mid-century, roughly aligned with current national commitments.	2.1 - 3°C
SSP1-2.6	Low Climate Change Scenario	Highly optimistic; global net-zero by ~2050; minimal physical risks.	1.3 - 2.4°C

Transition risks primarily stem from policy shifts, technological breakthroughs, and market preference changes. We adopted three core scenarios from the IEA's World Energy Outlook (WEO):

Climate Scenario	Scenario Type	Description	Projected Global Avg. Temp. Rise by 2100
IEA NZE	Net Zero Emissions (Normative)	Normative scenario assuming global energy system achieves net-zero by 2050; back casts required pathways.	~1.5°C
IEA APS	Announced Pledges Scenario	Assumes all announced climate commitments (NDCs, long-term net-zero targets) are fully and timely implemented.	~1.7°C
IEA STEPS	Stated Policies Scenario	Based on currently implemented policies and specific industry policies in development—does not assume future targets will be met.	~2.4°C

Climate-Related Risks, Opportunities, and Potential Impacts

Based on multi-scenario climate analysis, Trinasolar systematically assessed the potential financial impacts of various climate risks, combined with impact severity, to identify key physical risks, transition risks, and critical climate opportunities requiring focused management. Based on the assessment results, the Company has established comprehensive management strategies and action plans to continuously enhance operational resilience and proactively seize green and low-carbon transition opportunities.

Risk/ Opportunity Category	Factor	Potential Financial Impact	Impact Horizon	Value Chain Segment ^[6]	Mitigation Measures
Physical Risk	Acute Risk: Typhoons, hurricanes, floods, etc., may cause safety incidents or production suspension	<ul style="list-style-type: none"> • Transport difficulties and supply chain disruptions reduce revenue • Property loss • Increased resource price volatility raises operating costs • Increased insurance expenses 	Medium-Long Term	Logistics, Operations	<ul style="list-style-type: none"> • Establish emergency plans; conduct annual drills • Site new factories considering local climate and future climate impacts
	Chronic Risk: Persistent high temperatures increase cooling costs; sea-level rise requires factory relocation/modification	<ul style="list-style-type: none"> • Increased operating costs (e.g., employee heat allowances, cooling equipment, energy) • Capital expenditure for asset restructuring (e.g., relocation, new construction) 	Long Term	Operations	<ul style="list-style-type: none"> • Enhance energy efficiency • Strengthen site selection management
Transition Risk	Policy & Legal Risk: Increasing climate-related regulations and standards globally (e.g., carbon trading, carbon border taxes, carbon disclosure)	<ul style="list-style-type: none"> • Increased operating costs (e.g., compliance, insurance) • Asset write-downs, impairments, or premature retirement due to policy changes 	Short Term	Operations	<ul style="list-style-type: none"> • Track global climate regulations; monitor and manage GHG emissions annually to effectively respond to policy changes
	Technology Risk: Customer demand for low-carbon products drives technological updates, including R&D and investment in low-carbon equipment/tech, leading to increased operating costs.	<ul style="list-style-type: none"> • Write-downs and premature retirement of existing assets • Increased R&D investment • Increased low-carbon operating costs 	Medium-Long Term	Procurement, Operations	<ul style="list-style-type: none"> • Departmental responsibility system; improve equipment utilization efficiency and product production efficiency • Establish internationally recognized energy management systems; phase out high-energy equipment and optimize existing equipment
	Reputation Risk: Capital markets, customers, and stakeholders increasingly focus on corporate climate actions. Poor performance affects reputation and performance	<ul style="list-style-type: none"> • Reduced customer demand for goods/services, reducing revenue • Damaged corporate reputation, increasing financing costs and reducing market capitalization 	Medium-Long Term	Procurement, Operations, Sales	<ul style="list-style-type: none"> • Treat climate change as a key topic; communicate climate management progress via sustainability reports, stakeholder surveys, and website disclosures
	Market Risk: With rising low-carbon awareness, customer behavior shifts; customers prefer sustainable, climate-friendly products, affecting competitiveness	<ul style="list-style-type: none"> • Overseas customers impose stricter green certification requirements; markets may establish stricter market access standards • Increased production costs for low-carbon products 	Medium-Long Term	Procurement, Operations, Sales	<ul style="list-style-type: none"> • Develop lower carbon, more environmentally friendly PV products; continuously advance green production operations • Strengthen product carbon footprint management; promote more products to obtain green product certifications

[6] Impact Horizon Definition: Short-term: 0-5 years; Medium-term: 5-10 years; Long-term: >10 years.

Risk/ Opportunity Category	Factor	Potential Financial Impact	Impact Horizon	Value Chain Segment ^[6]	Mitigation Measures
Transition Opportunity	Technology Opportunity: As climate risks intensify, clean energy's advantage over traditional energy grows; cleaner, more efficient energy access and related products become more favored	<ul style="list-style-type: none"> • Technology-driven PV product efficiency improvements drive market share and revenue growth • Increased clean tech product varieties drive R&D innovation, market share, and revenue 	Short-Medium-Long Term	Operations	<ul style="list-style-type: none"> • Increase R&D investment; improve product production and work efficiency; provide higher-efficiency PV products to enhance market share • Leverage company resources and R&D advantages; develop more clean tech varieties to provide customers with richer clean energy options
	Market Preference Opportunity: R&D innovation meets capital market, customer, and stakeholder demand for clean energy products/services; product lifecycle green management responds to customer demand for low-carbon products, enhancing market competitiveness, coverage, and share	<ul style="list-style-type: none"> • Meet customer demand for high-efficiency products; provide products/services meeting customer preferences, consolidating competitiveness and increasing revenue and profit • Reducing product carbon footprint to establish a low-carbon competitive advantage, increasing market share and operating revenue 	Short-Medium-Long Term	Procurement, Operations, Sales	<ul style="list-style-type: none"> • Actively promote innovation incentive mechanisms; increase R&D investment; improve PV cell conversion efficiency to provide customers with more efficient PV products • Proactively manage product carbon footprint; obtain green product certifications to provide customers with cleaner, lower-carbon products and services • Continuously improve product quality; extend product lifecycle; enhance market and customer recognition to strengthen product and service competitiveness

[6] Impact Horizon Definition: Short-term: 0-5 years; Medium-term: 5-10 years; Long-term: >10 years.

Scenario Analysis Conclusion

When formulating climate strategies, Trinasolar fully integrates scenario analysis conclusions to precisely plan matching climate adaptation and decarbonization implementation plans. After assessment, a robust climate adaptation path and decarbonization targets are highly aligned with the Company's overall business planning objectives. At the same time, the Company fully recognizes the uncertainty of external climate scenarios, which may significantly impact established paths and assumptions. Therefore, the Company will continuously review scenario assumptions and strategy arrangements, maintaining the flexibility and adaptability of the climate governance system to effectively respond to various external changes and challenges.



Impact, Risk & Opportunity Management

Trinasolar has established a comprehensive risk management framework and supporting processes, systematically applying them to the full-cycle management of climate-related risks and opportunities. In identifying, assessing, and responding to climate risks and opportunities, the Company follows the risk management process below:

Risk Identification

- (1) Collect and analyze existing and emerging regulatory requirements (e.g., China, EU climate-related laws and regulations);
- (2) Research advanced technologies and developments (e.g., breakthroughs in product efficiency);
- (3) Research market change information (e.g., how overseas customers' awareness of product carbon footprints influences partnership decisions);
- (4) Analyze climate impact on industry trends and peer responses;
- (5) Benchmark against leading companies' climate disclosures and implementations;
- (6) Collect opinions and information from ESG rating agencies, investors, NGOs, and other stakeholders.

Risk Assessment

Climate-related risk and opportunity assessments are conducted within Trinasolar's comprehensive risk management framework, evaluating importance based on likelihood and impact (including financial impact).

Risk Monitoring

When the Strategy & Sustainability Committee reviews the Company's overall risk management status, ESG risks including climate risks, are ranked by likelihood and impact alongside other risks and incorporated into the Company's overall risk map.

Risk Management

In responding to climate risks and opportunities, management formulates response strategies based on the importance of risks and opportunities, complexity, and required resources, referencing the "Net-Zero by 2050" strategy. Climate management measures are refined by dedicated departments and assigned to relevant business units for execution, with strict internal supervision.

During climate strategy implementation, Trinasolar deeply integrates climate risk management into enterprise operations and full-value-chain innovation, effectively transforming climate risks into new drivers and opportunities for high-quality development.



Building an Industry Benchmark for Zero-Carbon Factories

In December 2025, Trina Solar (Yiwu) Technology Co., Ltd. successfully passed the audit by Titan Certification and obtained the Zero-Carbon Factory (Type I) Five-Star Certification.

Since becoming the first PV industry company to obtain authoritative zero-carbon factory certification in early 2023, Trinasolar has continuously advanced energy-saving and decarbonization work per the Zero-Carbon Factory Evaluation Specification. Through continuous optimization of energy management systems, key equipment energy-saving retrofits, and deep mining of full-process energy efficiency potential, Yiwu Base's total carbon emissions and unit carbon emissions have continuously declined—unit product carbon emissions reduced by 27.21%, and zero-carbon factory construction and operational management levels steadily improved^[7].

^[7] Yiwu Factory completed 1,110 tonnes of carbon credit trading and purchased 60,382 MWh of green certificates for its 2024 GHG emissions.



Metrics and Targets

Trinasolar Climate Overall Target: Net-zero emissions by 2050

Trinasolar GHG Emission Intensity Reduction Target



Cell

reduction (vs. 2020 baseline) in Scope 1 & 2 GHG emission intensity (tCO₂e/MW)

↓ 50%



Module

reduction (vs. 2020 baseline) in Scope 1 & 2 GHG emission intensity (tCO₂e/MW)

↓ 50%



Cell

27.33 tCO₂e/MW

down 43.43% vs. 2020



Module

5.99 tCO₂e/MW

down 75.19% vs. 2020

Trinasolar GHG Emissions Key Performance

Trinasolar adopts the operational control approach, comprehensively compiling and disclosing GHG emissions data from all production bases as of the reporting date. The data has been independently verified by an international third-party auditor per ISO 14064-1:2018 standards, with a formal verification statement issued.

Operational Scope Emissions - Location-based (10,000 tCO ₂ e)	2025	2024	2023	2022	2021
	312.36	289.65	213.50	118.79	87.96

Operational Scope Emissions - Market-based (10,000 tCO₂e)

2025	2024	2023
286.37	289.60	209.74

Scope 1 Emissions (10,000 tCO₂e)

Year	Emissions
2025	7.43
2024	7.94
2023	10.77
2022	1.93
2021	2.94

Scope 2 Emissions - Location-based (10,000 tCO₂e)

2025	2024	2023	2022	2021
304.93	281.71	202.73	116.86	85.02

Scope 2 Emissions - Market-based (10,000 tCO₂e)

2025	2024	2023
278.94	281.66	198.97

Scope 3 Emissions (10,000 tCO₂e)

2025	2024	2023	2022
2,397.86	2,276.94	2,143.84	1,594.79

Scope 3 Upstream Emissions (10,000 tCO₂e)

2025
2,312.10

Scope 3 Downstream Emissions (10,000 tCO₂e)

2025
85.76

Value Chain Emissions - Location-based (10,000 tCO₂e)

Year	Emissions
2025	2,710.22
2024	2,566.59
2023	2,357.34
2022	1,713.58

Value Chain Emissions - Market-based (10,000 tCO₂e)

Year	Emissions
2025	2,684.23
2024	2,566.54
2023	2,353.58

Energy Management

Trinasolar takes energy conservation, consumption reduction, and clean energy substitution as core pathways to comprehensively advance energy-saving and decarbonization in production and manufacturing. The Company strictly complies with the Energy Conservation Law of the People's Republic of China, the Renewable Energy Law of the People's Republic of China, and the Cleaner Production Promotion Law of the People's Republic of China. The Company has formulated and implemented internal management systems including the Energy & Resource Management Procedure, the Energy Measurement and Management Procedure, and the Energy Review Management Procedure –building a systematic energy and carbon management system.

Energy Conservation & Consumption Reduction

Trinasolar conducts real-time monitoring of energy data to understand baseline consumption and scientifically evaluates energy-saving project benefits.

During the Reporting Period, total energy consumption increased slightly by 0.07% year-on-year, while direct fuel consumption (natural gas, diesel, gasoline, etc.) decreased by 32.09% vs. 2024.

Energy-Saving Improvement Measures

Trinasolar invests in energy-saving innovation, covering 100% of stably operating bases. In the Reporting Period, 57 energy-saving improvement projects were implemented across bases, with a total investment of RMB 33.30 million, saving approximately 144,571.09 MWh of electricity annually. Key projects include:



Changzhou Module Motor Energy-Saving Innovation Retrofit:

Replaced fans, pumps, and air compressors with permanent magnet synchronous motors and integrated intelligent control system saving 11.06 million kWh/year, RMB 7.74 million in electricity costs, and 1,359 tonnes of coal equivalent (tce); significantly improving energy efficiency.



Yangzhou Cell Workshop Energy Efficiency Optimization:

Optimized MAU air handling unit fresh air frequency, sealed over 6,000 leak points in static pressure layers, and stabilized workshop positive pressure at 1-2 Pa, ensuring production cleanliness while achieving energy savings of 20.5 million kWh/year, RMB 11.68 million in electricity costs.



Huai'an Wafering Waste Heat Recovery:

Recovered heat from high-temperature tank overflow pure water in cleaning machines and added plate heat exchangers—reducing electric heating load, saving 9.179 million kWh/year, and enabling synergistic water and thermal energy utilization.



Vietnam Polysilicon Thermal Field Insulation Upgrade:

Thickened top insulation of monocrystalline furnaces and optimized cooling systems—reducing single-furnace power consumption by >2 kW, saving 2.646 million kWh/year, and effectively improving monocrystalline production energy efficiency and economics.



Total Energy Conservation & Environmental Investment

million RMB **218.30**

Capital Expenditure (Capex)

million RMB **85.87**

Operating Expenditure (Opex)

million RMB **132.43**

Energy Management Capability Training

To systematically enhance energy management professional capabilities, the Company established a tiered training system linking Group headquarters and bases.

At the Group level, the EHS Department launched the ISO 50001:2018 / GB/T 23331:2020 Energy Management System standard course, helping participants deeply understand standard requirements, internal/external audit essentials, and continuously optimizing energy performance through system operation. The course is open to all employees, focusing on EHS, facilities, equipment, process, and other energy management-related teams—totaling 472 participants.

At the base execution level, factories conduct targeted energy management training based on production realities. For example, the Suqian Module Base organized specialized training in July 2025, covering 280 people, effectively enhancing frontline staff's energy-saving awareness and practical skills.

Energy Audits & System Certification

All 24 production bases completed energy audits and simultaneously obtained ISO 50001 Energy Management System certification—consolidating standardized, systematized management to continuously strengthen energy utilization efficiency and low-carbon operational capabilities.

Clean Energy Substitution

Green transformation, empowering development. Clean energy substitution remains Trinasolar's core strategic focus for manufacturing decarbonization. During the Reporting Period, Trinasolar's renewable energy usage reached **100,164.84 tce**, accounting for **12.62%** of total energy consumption.



Trinasolar Yangzhou Base—Building a Benchmark Green Factory with Renewable Energy

The Yangzhou Base is planned as a vertically integrated manufacturing facility with annual production capacities of 10 GW each for wafers, cells, and modules. From the initial stages of development, the base leveraged 250,000 m² of rooftop and carport space to deploy a 35 MW PV power station. The project was completed in March 2025 and connected to the grid in April 2025. Electricity generated by the station is expected to meet approximately 10% of the base's total energy consumption.

Trinasolar Energy Management Targets:



Cell Production

Reduction in comprehensive energy consumption intensity of cell (tce/MW) by 2025 against the 2020 baseline

↓ 40%



Module Production

Reduction in comprehensive energy consumption intensity of module (tce/MW) by 2025 against the 2020 baseline

↓ 40%

Trinasolar Energy Management Performance:

Comprehensive Energy Consumption Intensity of Cell Products

6.47 tce/MW

Decrease compared to the base year of 2020
28.16%

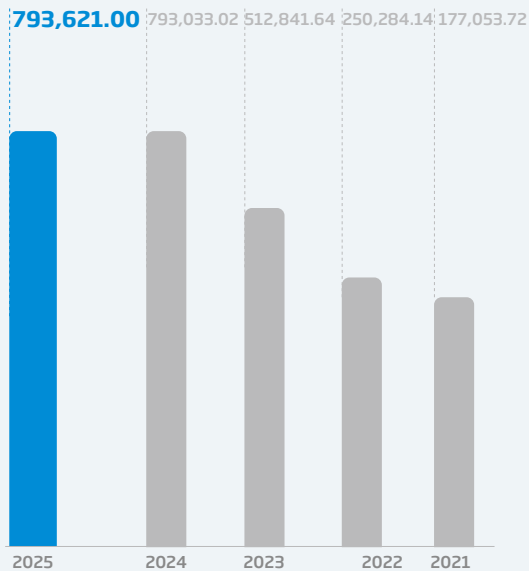
Comprehensive Energy Consumption Intensity of Module Products

1.55 tce/MW

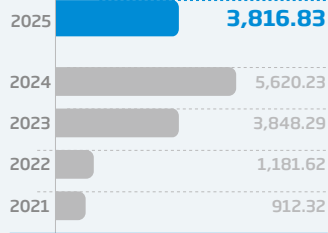
Decrease compared to the base year of 2020
53.18%

Trinasolar Energy Management Performance (2025)

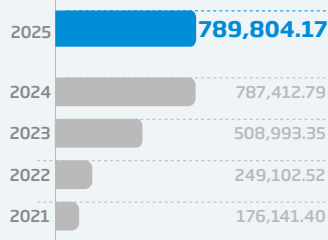
Total Energy Consumption(tce)



Direct Energy Consumption (tce)



Indirect Energy Consumption (tce)



Gasoline(L)

2025
45,526.59

2024
64,636.78



Diesel(L)

2025
58,359.61

2024
88,870.35



Natural Gas (10,000 m³)

2025
277.93

2024
409.18

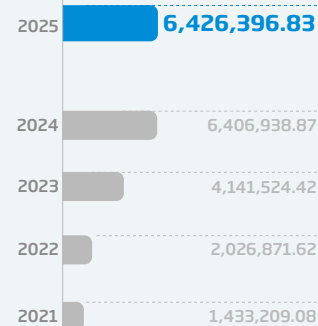
2023
289.34

2022
88.84

2021
68.60



Electricity(MWh)



Of which: Municipal Electricity Purchase(MWh)

Year	2025	2024	2023
Municipal Electricity Purchase (MWh)	5,611,385.95	5,416,336.94	3,348,871.18
		2022	2021
		2,026,871.62	1,433,209.08

Of which: On-site Renewable Electricity Generation(MWh)

Year	2025	2024	2023
On-site Renewable Electricity Generation (MWh)	277,916.79	223,794.27	136,398.10

Of which: Off-site Renewable Electricity Purchase(MWh)

Year	2025	2024	2023
Off-site Renewable Electricity Purchase (MWh)	537,094.09	766,807.65	656,255.14

Water Stewardship

Trinasolar strictly complies with the Water Law of the People's Republic of China and Water Pollution Prevention and Control Law of the People's Republic of China, establishing internal management systems including the Water Pollution Prevention and Control Procedure and EHS Performance Report Unified Standard. Through water balance testing, water use assessment, and product water consumption intensity control, we continuously drive down product water consumption intensity.

The Company has established a top-down water resource management structure: the Board's Strategy & Sustainability Committee is the highest decision-making body for water resource management; the ESG Management Committee coordinates and supervises water work advancement and performance; business units and production bases are responsible for implementing specific measures.

We embed water efficiency improvement and consumption control throughout the full operational process, setting clear water-saving targets and incorporating them into annual environmental performance evaluations for 100% bases—ensuring water-saving responsibilities are implemented layer by layer.

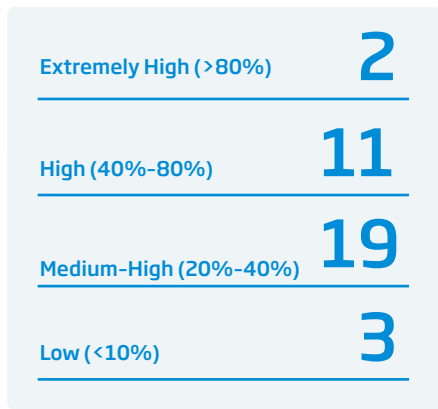
As of the reporting date, the Company has not violated water-related laws and regulations. No water scarcity or water security incidents occurred in any base's operating region.

Water Risk Management

The Company places high importance on water risk management, using its internal Environmental Factor Identification and Evaluation Procedure and the external tool, the World Resources Institute (WRI) Aqueduct Water Risk Atlas's Water Stress module^[8]—to conduct comprehensive analysis and judgment. We assessed water stress for 35 stably operating domestic and overseas bases as of the reporting date:

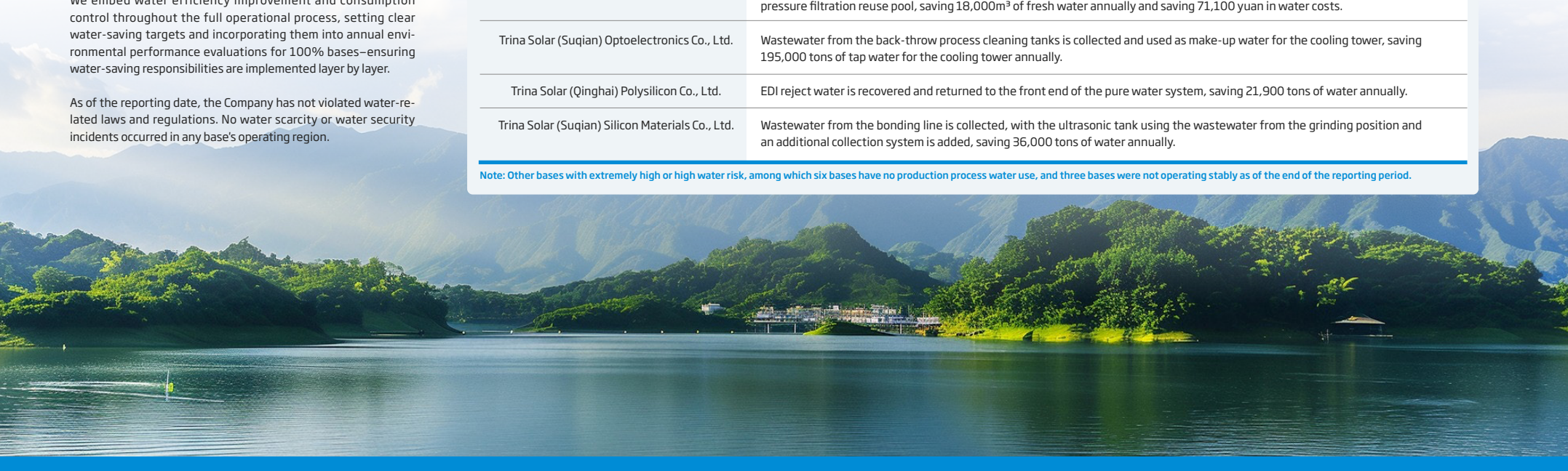
For the Deyang Polysilicon and Deyang New Materials bases located in areas with extremely high water risk, the Company has developed specific response plans, continuously optimizing water sourcing structures and improving water use efficiency to strictly control and maximally reduce regional water risk. As of the end of the Reporting Period, no incidents of production disruption due to water shortages have occurred at any of the bases. We continue to strengthen water management at the 13 bases classified as extremely high or high water risk. Among these, six bases have no production process water use, and their main water consumption is for office, cleaning, and landscaping purposes. Through measures such as enhanced pipeline inspection and maintenance, optimized irrigation methods for landscaping, and strengthened water conservation management and awareness campaigns, we are comprehensively advancing water-saving and efficiency improvements.

^[8] In 2025, the water risk assessment indicator was adjusted from WRI Water Overall Risk to Water Stress to more precisely focus on current water scarcity status and enhance the relevance, significance, and disclosure targeting of resource scarcity risks.



Trina Solar (Deyang) Polysilicon Co., Ltd.	RO concentrate water reuse improvement, with daily discharge volume approximately 100m ³ : At the same time, the concentrate from the pure water station is discharged to the pressure filtration water pool, reducing the use of fresh water in the pressure filtration reuse pool, saving 18,000m ³ of fresh water annually and saving 71,100 yuan in water costs.
Trina Solar (Suqian) Optoelectronics Co., Ltd.	Wastewater from the back-throw process cleaning tanks is collected and used as make-up water for the cooling tower, saving 195,000 tons of tap water for the cooling tower annually.
Trina Solar (Qinghai) Polysilicon Co., Ltd.	EDI reject water is recovered and returned to the front end of the pure water system, saving 21,900 tons of water annually.
Trina Solar (Suqian) Silicon Materials Co., Ltd.	Wastewater from the bonding line is collected, with the ultrasonic tank using the wastewater from the grinding position and an additional collection system is added, saving 36,000 tons of water annually.

Note: Other bases with extremely high or high water risk, among which six bases have no production process water use, and three bases were not operating stably as of the end of the reporting period.



Water Conservation & Protection

Water Efficiency Enhancement

To continuously improve water use efficiency, the Company has implemented water reduction programs across 100% of its operational scope, leveraging water recycling technology, source reduction, and wastewater resource recovery to achieve full-process water management. All stably operating production bases are equipped with real-time water monitoring devices connected to online monitoring systems, enabling tiered water metering and cooling water recycling; we also vigorously promote reclaimed water reuse, reducing pollutant discharges while conserving resources. Through continuous introduction of new technologies, processes, and equipment to optimize production flows, increasing compared to the previous Reporting Period.

Water-saving initiatives cover 100% of stably operating production bases. In 2025, we conducted water balance assessments across 100% of such bases to identify opportunities for efficiency improvement, implementing a series of technical upgrades and management optimizations with significant results:



Hua'an Cell Base

- (1) Reusing first-stage RO concentrate via ROR system: approximately 438,000 tonnes/year;
- (2) Reusing cooling tower drainage for raw water in pure water systems: approximately 80,000 tonnes/year;
- (3) Using first-stage RO concentrate for toilet flushing and wastewater station chemical dosing: approximately 11,000 tonnes/year;
- (4) Reusing dilute alkali wastewater for exterior washing towers: approximately 12,800 tonnes/year.



Chuzhou Energy Storage Base

- (1) Steam condensate reuse rate: 95% (67,800 tonnes/year);
- (2) Reusing dehumidifier condensate (approximately over 1,000 tonnes/year) for cooling tower makeup;
- (3) Lowering process water quality standard (from 18 MQ-cm to 12 MQ-cm), saving approximately 4,900 tonnes of fresh water annually.



Vietnam Polysilicon Base

Implemented hot water recycling for slicing machine cleaning via heat exchange, saving approximately 100 tonnes of tap water daily and reducing equivalent wastewater discharge.



World Water Day Awareness Campaign

On March 22, 2025, "World Water Day", Trinasolar, in partnership with the local authorities including the Industrial Park Planning & Construction Bureau, Water Resources Bureau, Environmental Protection & Safety Supervision Division, and Natural Resources & Forestry Bureau, jointly held a "Corporate Water Conservation Day" themed publicity campaign with the Company's Facilities and Administration Departments. Through government-enterprise collaboration, banner displays, distribution of Water Conservation Regulations brochures, and on-site sharing of practical "one-water-multiple-uses" techniques, we systematically promoted water conservation knowledge and policies, effectively enhancing employee awareness and fostering a green, conservation-oriented corporate culture.



Trinasolar conducts regular water efficiency management awareness and skills training for headquarters and base employees. In 2025, we also collaborated with government agencies and ecological partners to deliver water conservation awareness training.

2020-2025 Water Stewardship Targets:



Cell



Module

Reduction in the water consumption intensity of cell (tonnes/MW)

based on 2020, to decrease by **20%** by 2025

The water consumption intensity of modules (tonnes/MW)

based on 2020, to decrease by **20%** by 2025

2025 Water Consumption Performance per Unit Product



Cell

Water consumption intensity

86.53 tonnes/MW

Decrease compared to the base year of 2020 **91.62%**
Exceeded target



Module

Water consumption intensity

13.55 tonnes/MW

Decrease compared to the base year of 2020 **84.02%**
Exceeded target

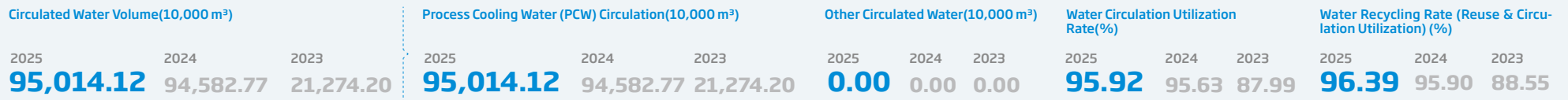
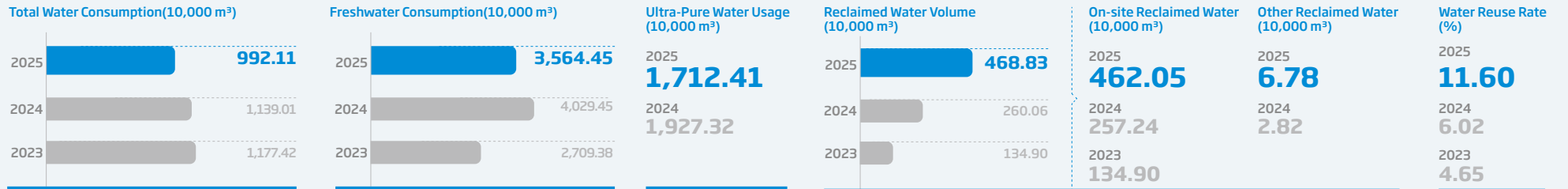
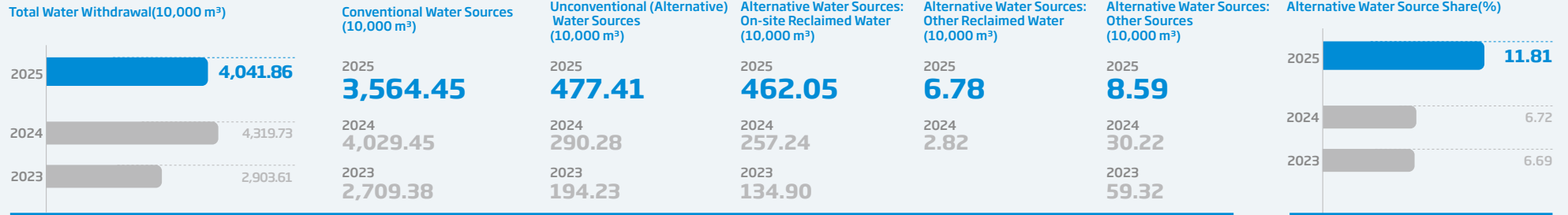
Medium-to-Long-Term Water Management Targets

At the operational level, with 2025 as the baseline year, water consumption per unit of product is targeted to decrease by **10%** by 2035;

At the operational level, with 2025 as the baseline year, water consumption per unit of product is targeted to decrease by **20%** by 2050, driving water reduction action plans across the value chain.

In addition, the Company's water consumption per unit product for production processes such as energy storage, pulling crystal, slicing, and crucible production in 2025 were **38.52 tonnes/MWh**, **33.52 tonnes/ton**, **131.43 tonnes** per million wafers, and **18.15 tonnes/ton**, respectively.

2022-2025 Trinasolar Water Management Key Performance



Notes:

- 1.Total water withdrawal refers to the amount of water obtained from conventional water sources and unconventional water sources (alternative water sources).
- 2.Conventional water sources refer to municipal tap water and surface water (such as rivers, lakes, reservoirs, canals, etc.) (freshwater).
- 3.Unconventional water sources (alternative water sources) refer to water sources such as self-produced reclaimed water reuse, other reclaimed water (condensate, rainwater collection and utilization, etc.).Other sources include purchased reclaimed water (such as secondary treated wastewater, industrial upgraded water, etc.) and seawater, brackish water, greywater, etc., which require treatment before being used as alternative water sources.
- 4.Water consumption = total water withdrawal - water discharge - reclaimed water usage.
- 5.Fresh water consumption = fresh water required for production and operations (excluding alternative water sources).

- 6.Alternative water source ratio = total alternative water source withdrawal ÷ total water withdrawal.
- 7.Water reuse rate = (reclaimed water usage (self-produced reclaimed water or other reclaimed water) ÷ total water withdrawal).
- 8.Water circulation utilization rate = (process cooling water (PCW) circulation volume + other circulating water volume) ÷ (total water withdrawal + process cooling water (PCW) circulation volume + other circulating water volume).
- 9.Water recycling rate (reuse and circulation utilization) = (reclaimed water volume + circulating water volume) ÷ (total water withdrawal + circulating water volume).Circulating water volume includes process cooling water (PCW) circulation volume and other circulating water volume.

Social-Enterprise Synergy

Trinasolar consistently integrates water resource scientific management with harmonious community development into its operational and value chain processes. We follow the WASH (Water, Sanitation, and Hygiene) principles in water management, focusing on sustainable water use, efficiency enhancement, and local water security assurance to build an integrated water resource management system covering full operations and the value chain.

Regarding suppliers, the Company incorporates "water resource management" into the CSR Code of Conduct of Trina Solar Supplier, explicitly requiring suppliers to implement water management plans; record, classify, and monitor water sources and usage/discharge; seek water-saving opportunities and control pollution; and treat all wastewater before discharge or disposal per regulatory requirements. Suppliers must conduct routine monitoring of their wastewater treatment and control systems to ensure optimal performance and regulatory compliance.

The Company places high importance on the impact of water use on ecological environments and local communities, adhering to the principle of balancing water protection and efficient use. During base site selection, we conduct specialized environmental assessments, treating regional water endowment as a core decision factor and prudently avoiding locations with water scarcity. Production water is primarily sourced from municipal supply networks and other compliant alternative sources. During operations, we actively address community concerns by implementing targeted infrastructure and technical optimizations to resolve livelihood water issues.



Multi-Measure Approach to Balance Industrial and Community Water Use

To avoid impacting community domestic water supply during peak demand periods, the Company implemented water supply system optimization: constructing dedicated production water storage facilities and shifting from instantaneous bulk replenishment to constant-pressure, constant-flow supply mode, using constant liquid-level control to effectively reduce instantaneous stress on the municipal water network.

Results:

1. Peak water intake reduced by approximately 40%, stabilizing municipal network pressure;
2. Community water pressure increased to >1.5 kg/cm²;
3. Enhanced regional water supply system stability, achieving coordinated guarantee for industrial and residential water use.



Ecosystem and Biodiversity Protection

Trinasolar deeply recognizes that natural resources are the foundation for human survival and development, and we place high priority on ecosystem preservation and biodiversity protection. The Company actively adheres to international conventions—including the United Nations Convention on Biological Diversity, the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), the Ramsar Convention on Wetlands of International Importance especially as Waterfowl Habitat as well as national policies such as the Guiding Opinions on Further Strengthening Biodiversity Protection. We fully integrate biodiversity protection into our sustainability strategy.

Biodiversity Risk Management

To systematically advance biodiversity protection, the Company has formulated and publicly released the Biodiversity Conservation Policy, approved by the Board. The policy commits to covering operations, supply chains, and partners, minimizing operational impacts on ecosystems through continuous governance, striving to avoid net loss of biodiversity and aiming for net positive impact (NPI). In 2025, the policy was revised and upgraded to further clarify management architecture and implementation details, integrating biodiversity risk assessment into the Enterprise Risk Management (ERM) system, and incorporating dependencies and impacts on biodiversity into risk evaluations. We have established long-term communication mechanisms with stakeholders, including regulators, communities, NGOs, and partners—and actively participate in and organize biodiversity protection activities. We respect the management objectives of protected areas and other regions of high biodiversity importance. The Company commits to biodiversity protection, actively enhancing awareness among employees, suppliers, and other partners, and encourages partners to make similar commitments, avoiding operations in areas of global or national biodiversity significance. We commit to achieving zero deforestation and advocate for suppliers and partners to make corresponding commitments, complying with local forest protection laws.

Trinasolar integrates biodiversity protection into project development and operational management, implementing systematic site selection assessments and full-cycle ecological controls to fulfill ecological protection responsibilities. During site selection, we strictly comply with ecological red lines and water ecological/environmental control requirements, prioritizing avoidance of ecologically important areas, fragile sensitive zones, and other specially protected areas to prevent disturbance to critical ecological spaces at the source.

During project planning and construction/operation phases, we comprehensively review potential dependencies and impacts of our operations and value chain activities on biodiversity, embedding biodiversity protection requirements into the Environmental Impact Assessment (EIA) system. Through scientific prediction, analysis, and continuous monitoring of impacts on air, water, soil, noise, and ecosystems across the project lifecycle, we proactively identify and minimize potential ecological disturbances, ensuring overall impact controllability and continuous reduction.

Our biodiversity risk assessment scope includes: our own operational sites, areas within 10 km of our operations, and upstream/downstream activities in our value chain. To effectively address nature-related risks and seize sustainability opportunities, we follow the four-tier action principle: Avoid, Reduce, Restore, Offset.

Avoid

Site Red Line: Biodiversity protection is a core site selection criterion; strict prohibition on construction in ecologically sensitive areas, with environmental impact assessments conducted by local regulations.

Ecological Integration Design: Infrastructure layout follows natural endowments (e.g., compact buildings to minimize land use), ensuring new facilities seamlessly integrate with existing landscapes.

Reduce

Pollution Control: Strictly limit emissions of hazardous waste, industrial wastewater, and air pollutants.

Resource Efficiency: Promote intensive resource use and internal recycling systems.¹

Green Operations: Implement noise barriers and soundproofing on production lines and construct artificial lakes and other ecological infrastructure.

Responsible Procurement: Require suppliers to implement intensive management of resource utilization (water, land, energy) and collaborate with the supply chain to jointly mitigate deforestation risks.

Restore

Habitat Restoration: Provide habitat for core species within industrial parks.

Ecological Public Welfare: Actively participate in afforestation and marine ecosystem protection initiatives.

Offset

Benchmark Factory Construction: Conduct "Nature Benefit" management capability assessments for manufacturing plants, striving to build demonstration factories with net-positive environmental impacts.

Material Innovation: Significantly increase the application of recycled materials in production.

Scientific Assessment

Trinasolar references the Taskforce on Nature-related Financial Disclosures (TNFD) framework, Leading Environmental Assessment Practice (LEAP) methods, and the ENCORE database to systematically identify and assess the impacts, dependencies, risks, and opportunities of our operations on nature, providing a scientific basis for biodiversity protection strategies. We use the Biodiversity Impact Assessment Tool (BIA) and Integrated Biodiversity Assessment Tool (IBAT) to comprehensively analyze the relationship between each base and ecosystems.

We strictly define ecologically sensitive areas: endangered species habitats include IUCN Red List, China's Red List of Biodiversity—Vertebrates (RCB), and nationally protected species distribution zones; key protected areas include adjacent national parks, nature reserves, World Heritage sites, and globally significant biodiversity areas.

As assessed, 100% of our manufacturing bases are located within government-approved industrial parks and do not involve ecologically sensitive zones.

Biodiversity Protection Collaboration

The Company actively leverages the positive ecological effects of photovoltaic products—such as windbreak and sand fixation, and water conservation—to deeply integrate clean energy supply with ecosystem restoration. Through innovative "PV+" integrated solutions, we proactively participate in ecological restoration practices, using green technology to support ecological protection and high-quality regional development.



"Clean Park" Wetland Biodiversity Protection via Green Microgrid

In 2025, Trinasolar, in partnership with the United Nations Development Programme (UNDP) and NIO, launched the "PV-Storage-Charging Microgrid Green Power Station" demonstration project at the Chongming Dongtan National Nature Reserve for Birds in Shanghai—the first benchmark project under the Clean Parks ecological co-construction initiative. The project integrates PV power generation, energy storage, and charging facilities to build an intelligent microgrid system, providing net-zero energy supply for patrol vehicles in the reserve, eliminating carbon emissions, noise, and ecological disturbance from traditional energy sources, and facilitating the full green transition of reserve operations.

The project site is located in the ecologically critical Dongtan Wetland, a core stopover and habitat along the East Asian–Australasian Flyway, with 364 recorded bird species, including 20 nationally protected species (e.g., Oriental Stork, Black-faced Spoonbill).

The solution addresses energy supply challenges in remote reserve areas while minimizing human activity interference with bird foraging, nesting, and migration through net-zero, low-noise operation—directly supporting wetland ecosystem protection and regional avian biodiversity conservation, achieving synergistic development of sustainable energy use and key species habitat protection.



Uzbekistan Power Station Achieving Dual Energy & Ecological Value

At the 100 MW PV power station built by Trinasolar and international partners in the desert region of Navoi, Uzbekistan, the project has become a landmark for the country's energy transition and biodiversity protection.

Facing local conditions of over 3,000 annual sunshine hours, severe sandstorms, and extreme temperature fluctuations, Trinasolar customized an "Arid-Desert" eco-friendly solution: using i-TOPCon high-efficiency bifacial modules based on 210 mm silicon wafers to ensure stable power generation and yield under high-temperature and sandy conditions; equipped with patented sand-proof and sand-drainage tracking mounts and reinforced foundations to resist sand erosion, ensuring long-term system reliability while minimizing disturbance to native vegetation and desert ecosystems.

Since grid connection 3.5 years ago, the project has operated stably, generating annual electricity sufficient for approximately 31,000 households and reducing approximately 150,000 tonnes of CO₂ annually—simultaneously slowing land desertification, improving local microclimates, and creating more stable habitats for native flora and fauna, achieving synergistic gains in clean energy development and biodiversity protection.



04

Harmonious Coexistence and Win-Win Outcomes

Trinasolar strictly complies with the Labor Law of the People's Republic of China, the Labor Contract Law of the People's Republic of China, and adheres to international human rights standards including the Universal Declaration of Human Rights, the United Nations Global Compact Ten Principles, the United Nations Guiding Principles on Business and Human Rights, the International Bill of Human Rights, the ILO's Declaration on Fundamental Principles and Rights at Work. We continuously improve our institutional systems and employment practices to foster a safe, fair, inclusive, dignified, and warm working environment globally for all employees, supporting their professional development and personal value realization, strengthening compensation & benefits and multi-channel communication mechanisms, and genuinely safeguarding the fundamental rights of every employee. Simultaneously, we actively fulfill social responsibilities, deeply engaging in rural revitalization and community philanthropy—leveraging solar technology to empower agriculture and communities with care, co-creating a sustainable future with all stakeholders.

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Labor Management

Diversity, Equity & Inclusion

Diversity, Equity & Inclusion Management Policy

The Company has fully integrated the principles of diversity, equity, and inclusion into its governance system, formulating and implementing a series of policies including the Trinasolar Global Human Rights Principles, the Code of Business Conduct and Ethics for Employees, the Employee Handbook, the Recruitment Management System, the Attendance Management System, and the Management Measures for Assistance to Needy Staff, clearly defining employee rights and human rights protection requirements to provide institutional safeguards.

Employment Management

Policies explicitly state that the Company provides equal employment opportunities to all job seekers and employees globally, adhering to equal pay for equal work. Discrimination is prohibited in recruitment, hiring, compensation, benefits, training, etc., based on race, nationality, ethnicity, skin color, religion, gender, age, physical or mental disability, marital status, pregnancy, political affiliation, sexual orientation, or any other characteristic protected by applicable laws.

We actively provide equal employment opportunities for people with disabilities, supporting them through job adaptation, fair compensation, career development opportunities, and promotion pathways to fully leverage their professional capabilities. As of the reporting date, the Company employs 38 employees with disabilities, an increase of 24 from the previous year.

Zero Tolerance for Discrimination & Harassment

The Company maintains a group-wide zero tolerance policy on non-discrimination and anti-harassment, explicitly prohibits all forms of discrimination and harassment—including verbal abuse, physical contact, visual harassment, sexual harassment, non-sexual harassment, bullying, and workplace violence. All employees are responsible for reporting and stopping any form of harassment through the escalation process. For verified discriminatory behavior or harassment, the Company takes disciplinary action against offenders. In the Reporting Period, no discrimination or harassment violations occurred.

Policy Training

To ensure effective implementation, the Company regularly conducts policy interpretation and case-analysis training for all employees on discrimination and harassment in the workplace, reinforcing equality and inclusion requirements to enhance awareness and behavioral compliance.

Empowering Women

The Company places high importance on rights protection for female employee and well-being, building a comprehensive, multi-level care system for women to enhance employee happiness and sense of belonging through humanistic care.



Health Care:

Conduct regular mental health lectures, stress counseling, and psychological consultation services; partner with medical institutions and women's federations to deliver screening for breast and cervical cancer, health education, and basic physical exams, comprehensively safeguarding women's physical and mental health.



Career Empowerment:

Organize female employee skill competitions to build platforms for showcasing job skills; hold career growth seminars and resilience-building sharing sessions; host women's leadership theme activities, sharing career growth paths and leadership enhancement strategies via forums; introduce external learning platforms, offering female employees more than 30 leadership courses covering career strategy, technology change management, unconscious bias identification & response, etc., establishing a regular learning and development support mechanism for female employees.



Facility Support:

Improve maternity rooms and "Women's Homes" as dedicated rest spaces for female employees, providing a warm and comfortable environment.



Culture Building:

Conduct legal awareness campaigns on women's rights to enhance female employees' awareness of their rights; organize health weeks and warm care and wellness activities for female employees to foster a positive cultural atmosphere.



Participation in UN Global Compact (UNGC) Gender Equality Target Enterprise Accelerator (TGE) Program

In 2025, the Company selected employees in positions such as HR to participate in the UNGC Gender Equality Target Enterprise Accelerator (TGE) Program, aimed at deepening implementation of the Empowerment Principles for Women, building capacity through professional development and best practice sharing to achieve corporate gender equality goals. The program has successfully concluded, with all participants receiving completion certificates.



Female Employee Ratio

26.05%

Female Employees in Revenue Generating Management Positions

21.13%

Female Employees in STEM (Science, Technology, Engineering, Mathematics) Positions

30.28%

Increase compared to year of 2024 **11.37%** ↑

Female Employees in Management

24.85%

Females in Senior Management

19.02%

Females in Middle Management

23.15%

Females in Junior Management

26.28%

Respecting Local Cultures

Trinasolar, in its global operations, complies with local laws and regulations and is committed to understanding and adapting to local social cultures, business practices, and community traditions. We actively listen to local employees and communities, transforming multicultural perspectives into valuable assets for management, innovation, and communication—building a mutually beneficial sustainable development model. To systematically practice local cultural inclusion and build a diverse, integrated team, the Company has established an international team covering Europe, Southeast Asia, North America, and South America.

We systematically advance localization integration measures, including:

- √Hosting culturally themed festivals aligned with local traditions and enhancing cultural resonance;
- √Building multilingual support and cross-cultural communication platforms to promote team collaboration and cultural exchange;
- √Strengthening institutional safeguards and cultural integration mechanisms to enhance local identity and collaborative efficiency in global operations;
- √Conducting cross-cultural workshops and training to deepen cross-cultural education;
- √Leveraging quantitative management systems and data insights to optimize and upgrade overseas talent structure.

As of the reporting date, the Company has 1,433 overseas employees, forming a culturally rich, multi-perspective internal organizational ecosystem.



Saudi Culture Lecture Boosts Middle East Business

In July 2025, the Company held a themed lecture titled "Kingdom of Saudi Arabia: The Fusion of Tradition and Modernity", attracting over 90 employees for in-depth exchange on Saudi society, culture, and business practices.



Trinasolar "Brazil Culture Journey" Sharing Session

In December 2025, the Company's Mounting Division successfully hosted the "Brazil Culture Journey" themed sharing session, comprehensively showcasing Brazil's diverse cultural landscape and regional characteristics. Anchored in the principle of respecting local culture, the event systematically introduced Brazil's demographics, social customs, and cultural traditions, using immersive experiences to deepen team understanding of and identification with Brazilian culture, fostering an inclusive, respectful, and collaborative cross-cultural work atmosphere.



Labor Practices

Trinasolar deeply integrates human rights protection into its own operations, the entire supply chain as well as its partners. Guided by laws and internationally accepted standards, the Company builds a systematic management system, improve institutional norms, establish tiered response and remediation mechanisms; strictly uphold labor compliance bottom lines, focusing on high-risk behaviors such as child labor and forced labor; conduct annual risk assessments and full-scope due diligence across the Company and supply chain; safeguard employees' rights to freedom of association, collective bargaining, and widespread communication; and promote multi-stakeholder collaboration to eliminate human rights risks.

Human Rights Protection

Trinasolar actively upholds the United Nations Global Compact initiative and opposes all forms of modern slavery. It is committed to safeguarding the basic human rights of its employees and supply chain workers, and to achieving equality in terms of employment opportunities and compensation. The Company has established a human rights protection framework and management system, continuously improving its institutional system centered on the Trinasolar Global Human Rights Principles and the Employee Handbook, which covers areas including employees, the Company's direct operations, and its products and services. The content encompasses "zero tolerance" principles such as human trafficking, forced labor, child labor, and discrimination, as well as core employee rights such as freedom of association and collective bargaining. During the Reporting Period, the Company did not experience any incidents involving the employment of child labor, forced labor, or other human rights violations. In accordance with local requirements in each operating region, the Company proactively engages in consultation and provides notifications before employees resignations.

Trinasolar also requires suppliers and partners to sign documents such as the CSR Code of Conduct of Trina Solar Supplier and the Commitment Letter on Lawful Employment, to abide by the Company's human rights policies. At the same time, it also expects suppliers to pass these requirements on to their upstream supply chains.

Working Hours Monitoring & Management

The Company has a group-wide public commitment to respect labor rights. We proactively monitor and manage working hours to ensure labor rights implementation:



Policy & Process

Based on local laws and regulations, we establish clear working hours and overtime management rules, requiring prior approval for overtime, standardizing review procedures and compensation standards. The Company provides corresponding payment for overtime work.



Working Hours Management

We build team working hours data dashboards to monitor employee overtime hours, compensatory leave balances, and overtime cost trends; set maximum working hours and monthly overtime warning thresholds to reduce overtime or excessive working hours.



Continuous Optimization

We regularly output analysis reports, deeply analyze overtime causes, and drive management efficiency improvement.

Human Rights Assessment

The Company conducts annual ESG internal audits and management reviews through interviews, on-site investigations, questionnaires, and document reviews, focusing on forced labor, human trafficking, child labor, freedom of association, right to collective bargaining, wages & benefits, occupational health & safety, and anti-discrimination recruitment—deeply understanding potential human rights impacts on employees and continuously improving management systems and measures.

Risk Identification & Assessment

The Company integrates human rights protection into operational and supply chain management, building a systematic human rights risk identification, assessment, and response mechanism. We conduct annual assessments across all operational sites and value chain related to our business, based on industry characteristics, geographic distribution, and business models.

We aggregate risk information from multiple dimensions by integrating ESG internal audits, public data, industry reports, and feedback from stakeholders such as employees and communities. Our risk assessment specifically focuses on safeguarding the rights of employees, third-party labor, female employees, migrant workers, underage workers, and local communities to ensure comprehensiveness and inclusivity.

Risk Response & Remediation Mechanism

The Company establishes a tiered human rights risk response mechanism, prioritizing mitigation actions and remediation measures. The types of remediation actions provided to affected groups include economic compensation, medical assistance,

psychological counseling, education support, and rights restoration.

The Company regularly reviews existing systems and practices, strengthens internal and external human rights training, improves risk early-warning mechanisms, and discloses human rights management progress via the website and sustainability reports.

The Company co-build a collaborative remediation system with partners, incorporating human rights performance into partner ESG evaluations; for underperforming partners, cooperation is suspended until rectification is completed.

During the Reporting Period, ESG internal audits and management reviews covered 22 production bases, with zero incidents of non-compliance with human rights policies identified.

To continuously enhance the management of human rights and labor rights, Trinasolar actively aligns with internationally recognized social responsibility standards. The Company subjects itself to external ESG audits by clients and independent certification bodies. In the Reporting Period, the Company underwent 28 client ESG audits, achieving a 100% pass rate and receiving full client recognition. Concurrently, the Yiwu module, Dongtai module, and Yancheng module bases obtained Silver Certification under the SSI ESG Standard, which includes rigorous human rights assessments.

The Company has established the "Supply Chain Due Diligence Manual" to standardize due diligence processes. Human rights screening is a critical component of this process. Due diligence results are integrated into supplier onboarding and ESG performance evaluations to drive corrective actions and ensure continuous monitoring.



Widespread Communication and Human Resources-Related Grievance Reporting or Escalation Procedures

In the Trinasolar Global Human Rights Principles, the Company commits to providing effective remedies to any individual, employee, or community adversely affected by Company operations, and guarantees their right to seek other legal remedies.

Trinasolar adopts a zero-tolerance stance toward any human rights violations, establishing a fair, transparent, and confidential appeal mechanism. The Company values feedback from employees and other stakeholders and, per the Whistleblowing Management Policy, conducts investigations and timely follow-ups. To protect employee privacy and whistleblower safety, all anonymous and named appeals are handled with strict independence and confidentiality. The Company has built a Trinasolar Whistleblowing & Complaint Platform accessible to all employees, encouraging direct reporting to supervisors, department managers, HR, or the Union on issues related to rights protection, discrimination, harassment, or working conditions. The Employee Handbook clearly stipulates appeal procedures, processing timelines, and communication mediation mechanisms; for appeals of varying complexity, a reasonable explanation and investigation report are issued within 10 working days of submission; after the report is completed, a handling decision or solution is issued within 30 days.

Trinasolar respects employees' legally protected rights to freedom of association, collective bargaining, and communication, encouraging employees to express opinions and engage in equal consultation via unions, employee representative meetings, and other legal channels on core issues such as working conditions, compensation, work environment, and working hours. In the Reporting Period, the Company held over 150 communications—including employee congresses, member representative meetings, and special communication sessions—covering over 5,000 participants.

The Company also organizes the signing of Collective Agreements to institutionalize the protection and maintenance of employees' collective rights.

Employees Signed Employment Contracts

100%

Employees Covered by Collective Agreements

100%

Employee Compensation & Benefits

Compensation & Performance

Performance Appraisal & Compensation Determination

Trinasolar has established a standardized, fair, and transparent employee compensation and performance management system, centered on the Personal Performance Management System and the Organizational Performance Management System, standardizing organizational and individual performance management. The Company uses organizational performance goals to guide individual goal setting, with the Personal Development Plan (PDP) as the core tool, achieving linkage between performance and compensation through clear role division, standardized processes, and strict supervision.

The Human Resources Management Committee is responsible for designing, implementing, and evaluating the compensation system; the HR Department manages process organization, training dissemination, and appeal handling; department heads and direct supervisors guide and provide feedback to subordinates to support their growth; all employees actively participate in appraisals.

The Company's performance appraisals and feedback system covers all employees. We have formulated a series of management systems including the Performance Management System and Talent Incentive System. The Company adopts differentiated rules, with appraisals conducted biannually, covering organizational key tasks and individual goals to ensure objective, fair, and incentive-aligned appraisals, driving mutual growth of employees and the Company:



Goal Decomposition

Company Strategic plans and business plans are decomposed into organizational performance targets, cascaded to departments and positions to drive effective strategy implementation;



Goal Setting

After consensus between management and employees, employees formulate PDPs; goals are set based on job level and position characteristics, with monthly, quarterly, and annual differentiated assessments; individual goals follow organizational goal guidance to encourage team growth;



Performance Coaching

The Company establishes a two-way communication mechanism; direct supervisors must conduct at least one formal performance interview with subordinates per appraisal cycle, focusing on goal progress, capability development, and improvement directions; additionally, the Company uses team performance reviews and agile conversations to systematically collect multi-dimensional feedback; employees may also provide suggestions on communication processes and content via the performance management platform, ensuring transparency and full interaction;



Performance Appraisal

The Company uses 360-degree appraisals, team-based performance appraisals, and performance dialogues to comprehensively assess employee performance;



Results Communication

Management fully communicates appraisal results with employees, assisting them in formulating improvement plans; the Company establishes a performance result appeal mechanism—employees may initiate appeals if dissatisfied, and the Company completes investigations and feedback within 5 working days to ensure fairness and employee rights;



Results Application

Performance ratings are directly linked to bonus distribution, salary adjustments, and position re-assignments to strengthen incentives.

We conduct two performance appraisals annually, guiding employee growth and development through regular assessments; in the Reporting Period, 100% of employees received regular performance appraisals; the Company takes multiple measures to promote employee initiative. Trinasolar commits that all non-officer and non-sales staff are also eligible for variable performance-based pay. During the Reporting Period, 100% of non-executive, non-sales employees received variable performance-based bonuses.

Compensation Fairness & Security

Trinasolar strictly complies with local laws and regulations, ensuring employee compensation is not lower than national and local minimum wage standards and is paid on time and in full. The Company combines local market conditions and living standards to provide fair and reasonable compensation.

The compensation system includes base salary, performance-based pay, various allowances, overtime pay, and bonuses. Compensation determination and adjustment systematically consider job value, employee experience, capability level, and performance, while balancing internal fairness, external market competitiveness, and overall company performance, building a compensation management system centered on wage growth and covering all employees.

To ensure compensation sustainability and competitiveness, the HR Department regularly conducts employee living cost surveys, referencing local costs for food, housing, healthcare, education, and transportation, and pays a living wage at cost of living estimates to support employees and their families in living with dignity.

The Company strictly adheres to the principle of equal remuneration for men and women, and formulates differentiated compensation packages based on the value-creation characteristics of each business unit—meeting employees' needs for dignified living while supporting talent attraction, retention, and long-term development.

The HR Department regularly reviews and analyzes employee compensation data (including gender pay gaps) to ensure fairness and compliance.

Employee Equity Program

To further strengthen long-term incentives and promote shared value between the Company and employees, the Company implements an annual employee shareholding plan per the Equity Incentive Plan Management System. The equity incentive plan covers core management, R&D, production, and functional support staff at all levels and positions, linking incentives to dual dimensions of company performance and individual performance, with phased vesting to achieve shared interests. As of the reporting date, 711 employees hold shares, with a total shareholding of 277.34 million shares.

Benefits System

Trinasolar's non-salary benefits system covers all employees, including directly hired, out-sourced, and part-time staff. The Company legally provides social insurance (Five Social Insurances and One Housing Fund), supplementary commercial insurance, and paid leave, continuously optimizing the benefits system to enhance employee quality of life and sense of belonging. The Company provides comprehensive commercial insurance for all employees, and employees may voluntarily purchase the same coverage for immediate family members at preferential prices. In 2025, the Company formulated and implemented the Global Expatriate Compensation & Benefits Management Guidelines, systematically standardizing compensation and benefits for expatriate employees to support international talent deployment.

Paid Leave

The Company strictly follows applicable national and regional laws and regulations, fully considering employee rest rights and related legal rights, formulating the Paid Leave Management System, covering statutory public holidays, paid health days, annual leave, sick leave, marriage leave, bereavement leave, maternity/paternity leave, parental leave, prenatal check-up leave, breast-feeding leave, miscarriage leave, and work-injury leave—from daily health, family care, to occupational security, providing comprehensive protection. The Company commits to paying employees' salaries during annual leave.

During the Reporting Period, the Company comprehensively reviewed its existing benefits system, referenced best practices, and studied the introduction of supplementary benefits beyond statutory requirements. For example, our paid parental leave policy and dedicated paid health days cover 100% employees globally. The Company places high importance on employees' family responsibilities, promotes gender equality, and will continuously improve non-statutory benefits such as parental leave, paternity leave, etc.

Social Insurance Coverage Rate

100%

Employee Care

The Company adheres to a people-oriented philosophy, building a comprehensive employee care system covering four dimensions—physical & mental health, family, work, and environment—to comprehensively enhance employee well-being, sense of belonging, and cohesion through diverse, warm initiatives, fostering a warm and inclusive workplace.

During the Reporting Period, the Company held 93 health promotion, cultural & sports, and employee care activities, covering 25,000 person-times.



Physical & Mental Care

- Annual full-employee health check-ups
- Health-themed activities for major & common diseases
- Health E-Station, online consultation, physical fitness testing, and fast medicine purchase services
- Workplace stress management and mental health lectures
- Health walks, running events, etc.

"Chasing Light, Empowering Fitness" Walking Campaign

To advocate healthy lifestyles, Trinasolar organized a 15-day "Chasing Light, Empowering Fitness" health walk. A total of 1,040 employees participated, accumulating 160 million steps. The activity took walking as the carrier, integrating team interaction and personal goal incentives to encourage employees to exercise and improve physical fitness after work.



Overseas Base 2025 Badminton Tournament

To enrich overseas employees' cultural and sports life, the Company held a two-week badminton tournament at Southeast Asian bases. The event not only provided a platform for employees to showcase athletic talent and release energy but also strengthened cross-border team friendship and cohesion through competition.

Paid Parental Leave Coverage

100%

Parental Leave Return-to-Work Rate

100%

Parental Leave Retention Rate^[9]

96.4%

Employees Taking Paid Paternity Leave

481 person

Employees Enjoying Parental Leave Benefits

1,224 person

Total Days of Parental Leave Taken

11,474 Days



Male Employees' Total Parental Leave Days

8,411 Days



Female Employees' Total Parental Leave Days

3,063 Days

[9]Employees who took parental leave and remained in on-post for >1 year.





Family Care

- Employee children summer care to alleviate holiday childcare pressure
- Employee children school enrollment support measures, providing educational support
- Needy employee assistance mechanism, extending care to employees' families to enhance belonging and happiness

"Trina Second Generation" Summer Camp

Trinasolar holds the "Trina Second Generation" Summer Camp annually; in 2025, 80 campers participated, with experiential courses in martial arts, environmental protection, agriculture, and traditional Chinese medicine, supported by sufficient volunteers and school bus transportation, alleviating employees' summer childcare pressure and supporting work-family balance.



Caring for Needy Employees

Trinasolar established a collaboration mechanism between the Jiangsu Trina Public Welfare Foundation and the Union; in 2025, the Foundation provided targeted assistance to 5 severely disadvantaged employees, disbursing RMB 22,000; in collaboration with the higher-level Union, subsidies were applied for 143 employees (including 138 overseas).



Workplace Care

- Combining standard working hours with flexible working hours
- Supporting employees with needs to apply for working-from-home
- Developing transition plans for employees approaching retirement, providing internal consultant re-employment policies for qualified retirees

Retirement Transition Plan

In 2025, the Company formulated and implemented the Post-Retirement Re-employment Policy, following the principles of demand-driven and voluntary participation, planning talent succession in advance, forecasting retirement needs, and ensuring smooth work handover. Re-employment is based on position, level, and salary, with full-time consultants receiving commercial insurance, paid leave, and other benefits—balancing rights and protection. The contract term is one year, renewable, or flexible exit, leveraging employee experience while providing a smooth transition for retirees.



Environmental Care

- Establishing employee libraries, rest service stations, health management stations, and employee service stations to provide quiet rest and sports/recreation spaces
- Implementing festival condolences, high temperature consolation, etc.

Employee Health Service Center & Activity Center Launch

In June 2025, the Trinasolar Employee Health Service Center officially opened, equipped with health all-in-one machines, psychological counseling systems, and other smart devices, providing employees with physiological testing and psychological relief in a full-scenario health service; simultaneously building diverse sports spaces—including indoor activity centers and outdoor courts—supplemented by workplace exercises and external sports resources to enrich employee cultural and sports life.

Employee Communication

Trinasolar consistently values employee opinions and collective wisdom. The Company actively solicits employee feedback through various channels, including special communication sessions, quarterly factory symposiums, online platforms, and union mailboxes. During the Reporting Period, the Company addressed a total of 10,557 inquiries from employees through various interactive activities.

In 2025, the Company enhanced union services through digital transformation by launching an integrated "Digital & Smart Union" platform, building an online service system covering employee care, club activities, and growth support. During the Reporting Period, the platform recorded over 270,000 visits and served more than 140,000 person-times.



"Five Small" Innovation Improvement Activity

To fully stimulate employee creativity and ownership, the Company deeply advanced the "Five Small" Innovation Improvement Activity—centered on "small assistance, small innovation, small suggestion, small discovery, small saving". In the Reporting Period, a total of 2,720 employee proposals were collected for this activity, among which 1,545 were adopted and 71 outstanding ones received special incentives, effectively stimulating innovation vitality at the grassroots level.

Employee Satisfaction Survey

Trinasolar conducts annual employee satisfaction surveys covering dimensions such as employee satisfaction, sense of mission (i.e., having clear work objectives), happiness, and whether employees feel pressured at work. In 2025, the Company's average satisfaction score was 4.415 out of 5, reflecting its commitment to listening to employee voices through surveys and aligning management optimization efforts to foster a high-performing, pragmatic, and vibrant work environment.

During the Reporting Period, Trinasolar was honored with titles such as "Top Employer for Global Talent Attraction", "Outstanding Employer", and "Most Inspiring Employer in China".

Human Capital Development

Trinasolar builds a human capital development and talent pipeline system around four core modules: talent acquisition, employee empowerment, value mining, and talent incentives. We continuously improve the performance management system, linking assessment results with compensation incentives and career development to drive synergistic growth of individuals and the organization.

Employee Training & Development

Trinasolar is committed to providing fair, continuous learning and capability enhancement opportunities through a systematic training mechanism. Skills, knowledge, and management capability training covers all full-time employees and outsourced personnel. The training system follows the "721" development principle (70% practice, 20% exchange & feedback, 10% classroom learning), covering mentorship and team training, supporting employee career growth and personal development.

Training Management System

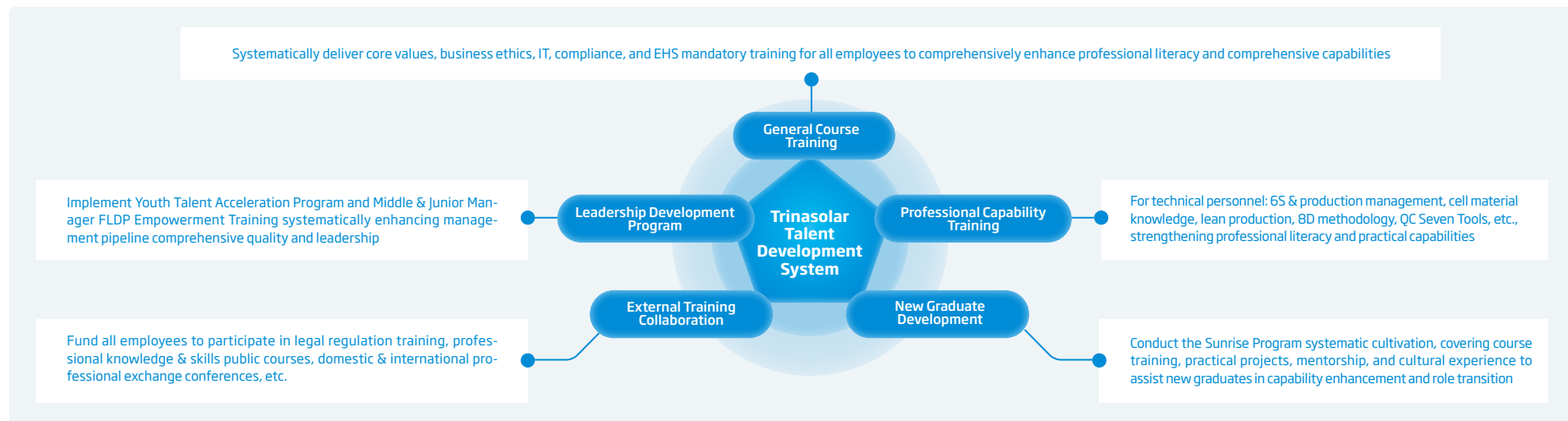
Trinasolar has built a comprehensive, multi-level, precisely targeted talent training system, providing solid support for employees' full-cycle career growth through systematic institutional frameworks. 100% employees have the access to and participate the skills and knowledge development training programs.

The Company has formulated a series of systems including the Training Management System, the External Training Management System, and the Course & Instructor Management System, with HR Department leading and collaborating with business departments to form a clear, responsibility-defined training management structure covering all employees.

Internal training mainly covers new employee onboarding, corporate culture, general capabilities, and professional skill enhancement, with monthly plans, standardized registration, and assessments to help employees quickly adapt to positions and improve capabilities; external training covers vocational skills, professional public courses, industry exchanges, academic advancement, and certification exams—precisely matching the growth needs of employees at different positions and stages.

The Company aligns employee growth with long-term corporate value, implementing tailored training programs for both domestic and international workforces to address specific regional and operational needs. Simultaneously, we place high priority on underrepresented groups and employees potentially impacted by the low-carbon transition. By fully considering their unique needs, we have established targeted support mechanisms to ensure equitable access to skill enhancement and career development opportunities, fostering a truly inclusive workplace.

Trinasolar Talent Development System Chart





Tiered Development System for Three Core Groups, Precisely Empowering Full-Cycle Employee Growth

The Company focuses on new graduates, supervisors, and managers to implement a tiered development system. Through differentiated training project design, the Company continuously enhances the talent development system's support for employee growth and business development.

Project-based Development for Key Talent Groups

Training Target	Program Name	Training Objective	Training Content	Rotation Mechanism	Mentorship
New Graduates	Sunrise Program	Focus on workplace adaptation and foundational capability building, helping them better transition from "student" to "professional"	<ul style="list-style-type: none"> • Corporate culture integration; • Time management & self-efficacy; • Business skills & workplace literacy; • Industry knowledge & market trends 	Semi-annual internal rotation	Business mentor + Development mentor
Supervisors	Leapfrogger Plan	Focus on empowering them to meet their growth needs in leadership, collaboration capabilities and business judgment when they take on team management responsibilities for the first time.	<ul style="list-style-type: none"> • Action learning; • Culture implementation; • Role cognition; • Foundational leadership; • Project management; • Structured thinking; • Communication & collaboration 	Vertical regional & horizontal cross-departmental rotation, overseas dispatch opportunities	Business mentor
Managers	Voyager Plan	Clearly position development focus on team leadership, cross-departmental collaboration, and strategic implementation, driving continuous growth through systematic investment	<ul style="list-style-type: none"> • Action learning; • Culture implementation; • Role cognition; • Middle-manager development program; • Team performance management; • Cross-organizational business knowledge 	Vertical regional & horizontal cross-departmental rotation, overseas dispatch opportunities	Leadership transition mentor

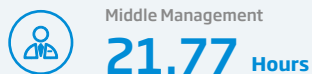


Training Investment & Performance

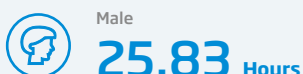
Training management follows budget planning, demand orientation, tiered approval, and post-training evaluation for full-process control, ensuring efficient resource use and training quality.

In 2025, Trinasolar continuously increased investment in the online training platform, optimizing the Trina Virtual Academy digital learning platform functionality, enriching course resources, and empowering employee learning digitally to enhance training efficiency and organizational learning capability. The platform covers all employees, implementing course review, permission grading, and data tracking closed-loop management, with mandatory + elective models, pre-class notifications, and post-class reviews to ensure efficient online training implementation.

By Level



By Gender



Training Coverage Rate

100%

Average Training Hours per Employee

25.98 Hours

Annual Training Expenditure

5.58 million RMB

Annual training expenditure per FTE

203.59 RMB



Trinasolar "Digital Capability Leap" Training

In 2025, the Company launched the Digital Capability Leap training, with five thematic courses covering 4,586 employees; 1,847 completed certification, enhancing enterprise-wide digital capability and supporting digital transformation.

FLDP-MU Middle Manager Development Program

Trinasolar conducted the FLDP-MU Middle Manager Development Program, focusing on new managers, integrating online learning, concentrated seminars, and practical output; 52 participants all passed assessments, with average learning hours of 34.1, effectively enhancing management and culture implementation capabilities.

Implementing the Sunrise Program to Empower Fresh Graduate Growth

The Company has implemented the Sunrise Program layered training system for fresh graduates, establishing a full-cycle talent development pathway covering integration and adaptation, capability growth, and high-potential advancement. The project is implemented in three stages: onboarding intensive training, annual general capability courses, and advanced training for outstanding employees, helping new hires transform quickly, address capability gaps, and reserve backbone talent. During the Reporting Period, all 18 campus recruits completed the training and passed assessments, with training satisfaction ratings performing well. The New Hire Special Training Camp covered 566 participants, and the Sunrise PRO High Potential Program covered 310 participants. Participation in both training programs exceeded 50%, effectively solidifying the youth talent pipeline.



Employee Development

The Company designs clear, diverse career development pathways for employees and, through internal mobility and performance incentives, fully unlocks talent potential to achieve mutual growth of individuals and the organization.

Talent Pipeline Construction

Trinasolar places talent pipeline construction at a strategic level, aligning talent development plans with strategic recruitment planning to ensure alignment with long-term business development strategies.

We conduct talent reviews across all employees, transparently disclosing promotion mechanisms and channels at all levels, and through tiered reviews, succession planning, and internal/external talent sourcing, build a structurally sound, tiered backup talent pool. We also independently developed and iterated the "Eight Competencies of Leaders" competency assessment model, clarifying core requirements and evaluation standards for leaders and forming a unified talent management methodology.

The Company conducts annual 360-degree assessments for key positions, evaluating responsibility contribution, capability quality, and values to precisely assess person-role fit, forming appointment and development recommendations. After collective deliberation, multi-level succession pools are established, and "one-person-one-plan" development plans are formulated for high-potential talents through rotation practice and empowerment to continuously enhance pipeline talent readiness.

Annual Talent Review Process Flowchart



Managerial 360-Degree Competency Assessment

Based on position profiles and leadership models, the Company conducts 360-degree assessments for managers; in the Reporting Period, 6,113 managers participated, generating 446 competency diagnostic reports to inform manager development. Assessment results are applied to personal development plans, forming a continuous improvement mechanism of "Assessment-Planning-Execution-Feedback".

Manager Promotion & Talent Mobility

Manager Promotion:

Manager Selection

During the manager selection, business needs and talent standards guide decisions, we encourage youth talent rotation and overseas assignments; in appointments, we adhere to "assigning the right person to the right position" and "using talent to its fullest", promoting rational mobility through merit-based selection to support talent growth.

Qualification System Construction

The Company has established a professional qualification management system to provide objective standards for talent selection and promotion, supporting employees' vertical development.

University-Industry Collaboration

The Company deepens university-industry collaboration with Fudan University and other domestic and overseas institutions to jointly cultivate talent and conduct frontier research, reserving scientific and international talent.

Digital Transition of Manager Management

The Company promotes digital upgrading of manager management, building an AI-driven manager talent management platform to digitize processes, consolidate data, and cover the full talent lifecycle, enhancing management efficiency and decision-making scientificity.

Talent Mobility

Internal Hires or Promotions

The Company establishes a regular internal recruitment and mobility mechanism; new positions are prioritized for internal posting, optimizing person-position matching, broadening career paths, and stimulating organizational vitality; in the Reporting Period, 938 employees achieved internal transfers via internal mobility.

Former Employee Re-hiring

The Company has established a former employee re-hiring mechanism, standardizing re-hiring processes and conditions to attract outstanding former talent back, broadening talent acquisition channels and improving talent mobility mechanisms.

Talent Development Strategy

To support strategic implementation, Trinasolar advances talent development strategy under the "4+N+1" framework, achieving deep synergy between talent and business.

"4"

Focus on four core values—Operational Efficiency, Organizational Vitality, Manager Competency, and Talent Supply—to solidify organizational capability foundations.

"N"

Deeply align with differentiated needs of each business unit, customizing HR solutions to precisely empower business.

"1"

Strengthen HR team's own capability building to create a high-caliber HR team that understands business and excels professionally.

Under this framework, the Company formulates annual talent development plans, continuously optimizes talent standards and processes, and through manager assessments, talent reviews, and succession planning, recruits key global talent and industry experts to provide long-term talent support.

Career Development & Promotion Pathways

The Company has issued and continuously improved the Trinasolar Manager Management System and the Trinasolar Youth Talent Development Management System to build transparent, smooth, and sustainable dual-channel career development paths, constructing systematic, differentiated position sequences and promotion mechanisms, continuously optimizing person-position matching to enable suitable talent to fully realize value.

The Company implements classified management and precise promotion for managers and professional talent:

- Manager promotion is centered on strategic and operational goals, emphasizing position value and responsibility, ensuring person-position fit; trial periods and transition coaching are provided to help managers quickly adapt to new roles.
- Professional talent promotion is based on departmental planning, combined with performance contribution and professional qualification assessments, forming a regular, standardized mechanism to provide clear and stable development channels for professional talent.



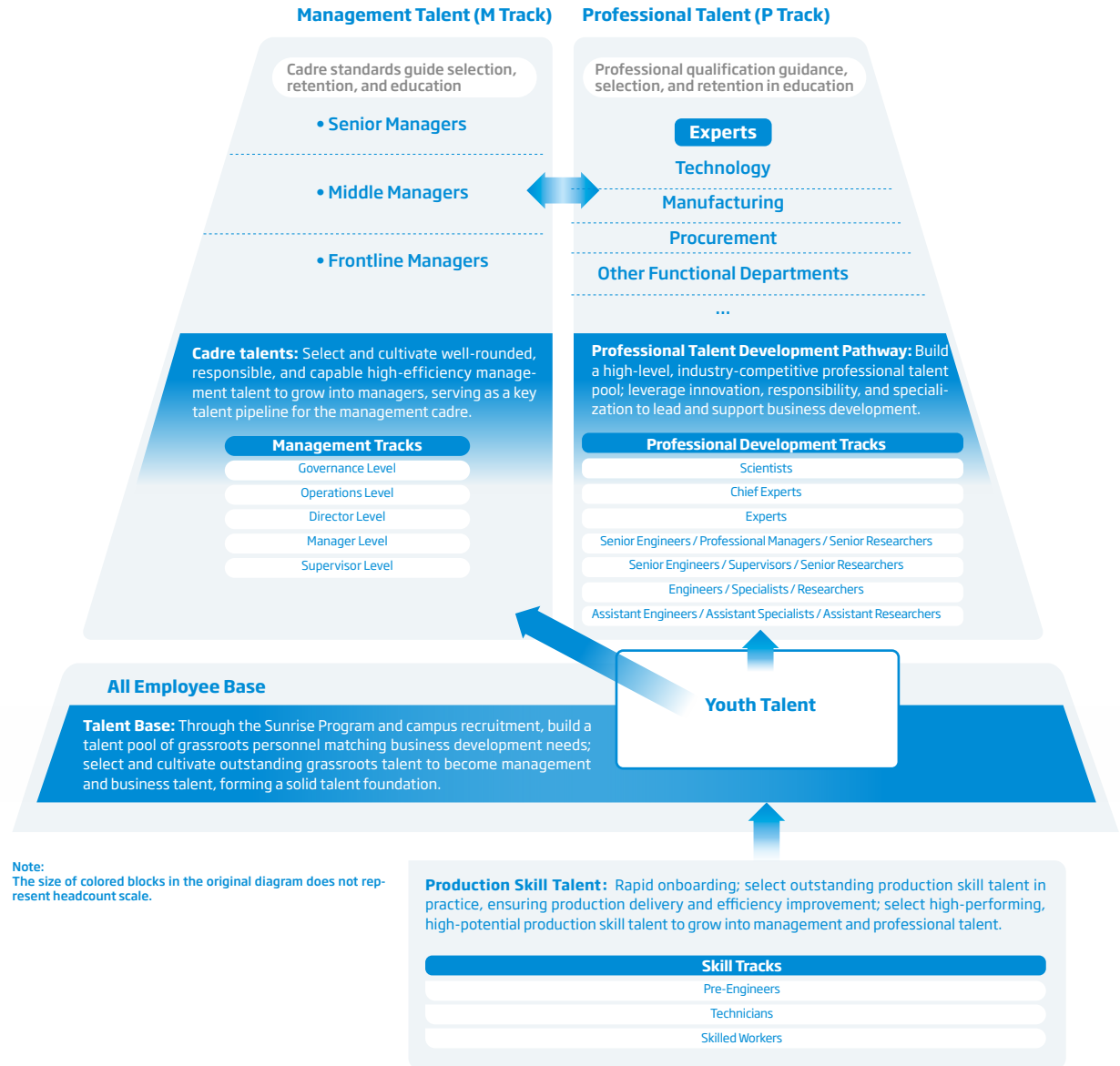
International Talent Joint Cultivation & Global Collaborative Innovation

- In response to the Australian Centre for Advanced Photovoltaics (ACAP) PV Enterprise Alliance initiative, Trinasolar, as a founding member, deepens Industry - Academia - Research collaboration, establishing regular cooperation with Australia's top PV research forces.
- Leveraging ACAP core member University of New South Wales (UNSW), the Company selects technical backbone personnel for deep study at the university, focusing on high-efficiency cells, advanced materials, and other frontier R&D, participating in international joint research and tackling key technical challenges.



Funding Employees to Pursue Tsinghua MEM Program

Trinasolar launched the Tsinghua MEM program, selectively cultivating high-level engineering management talent; after a three-tier screening, 4 core backbone employees from Mounting Engineering, Energy Storage R&D, and Global Marketing were admitted, adopting a non-full-time cultivation and full-system development mechanism to promote deep integration of knowledge and business.

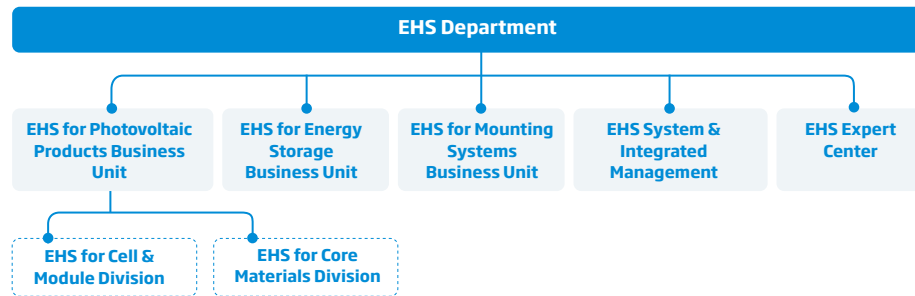


Occupational Health & Safety

The Company integrates occupational health and safety requirements into business processes and daily operations, continuously improving management systems and strengthening employee safety awareness to genuinely safeguard every employee's occupational health and safety. As of the reporting date, 100% of stably operating bases have obtained ISO 45001 Occupational Health & Safety System certification.

OHS Governance Structure

The Board's Strategy & Sustainability Committee is the highest governance body for ESG matters (including OHS). In 2025, the Company comprehensively strengthened EHS centralized management at the Group level, deepening the "Group-Business Units-Bases" tripartite collaborative mechanism to enhance OHS management system upgrades, focusing on EHS empowerment, management, and supervision for business units and other business areas. We also established and continuously improved EHS Committee and EHS line meeting mechanisms at all levels, promoting professional empowerment, resource sinking, and experience sharing to drive business units to resonate on EHS management and provide solid EHS support for high-quality development.



The Company formulates annual OHS goals, incorporating them into the Environmental Protection, Occupational Health, and Safety Target Management Responsibility Letter, and cascading them down for implementation. In 2025, the Company updated the EHS Responsibility System Management Procedure to comply with relevant OHS international standards and regulations, refining management responsibilities at all levels and further strengthening tracking of full-employee OHS performance within entire operations. Two types of EHS performance evaluation targets were established to reflect our commitment to improving OHS performance metrics:

<p>"Bottom Line" indicators:</p> <p>Group-level safety incidents/events (Target: zero)</p>	<p>"Continuous Improvement" indicators:</p> <p>LTIR (Lost-Time Injury Rate) (Target: less than or equal to 0.785, decline no less by 3% vs. 2024)</p>
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System Building

The Company updated procedures including the Safety Golden Rules Management Procedure, the Chemical Management Procedure, and the Hazardous Operations Management Procedure in the Reporting Period, forming a full-lifecycle process management "Systemic Defense Net".

Risk Management

The company has established a full-process risk management mechanism. It sets up cross-departmental and multi-disciplinary joint assessment teams, and adopts methods including job safety analysis, hazard and operability study, and behavioral safety observation to conduct comprehensive screening and diagnosis covering personnel, machinery, materials, methods and environment throughout all operational links.

Audit & Supervision

The Company adheres to the principle of "System Leadership, Professional Support, Closed-Loop Control", combining system management with professional management, based on "Seven Key Initiatives for Safety Management Enhancement" safety work-related management procedures with specialized inspection checklists to provide effective tools for process supervision and execution. During the Reporting Period, the Company organized ≥2 cross-based mutual inspections, and business units simultaneously conducted monthly/quarterly comprehensive internal inspections.

Incident Management & Continuous Improvement

The Company optimized the EHS Incident/Event Investigation and Management Procedure, clarifying incident classification standards and improving the performance of the OHS management system including reporting, investigation, correction, and prevention; through responsibility accountability, incident sharing, and experience feedback, we drive accident prevention.

2025 Performance:

- Achieved "0" Group-level EHS incidents/events
- LTIR (Lost-Time Injury Rate): 0.504, decline 38% vs. 2024
- Work-related injury incidents (per Work Injury Insurance Regulations): decline 59% vs. 2024

OHS Measures

The Company adheres to a systems-thinking approach, initiating full-process risk management, deepening the "Seven Key Initiatives for Safety Management Enhancement", enhancing management standardization; advancing EHS digitalization to achieve standardized processes, visual data, and precise control; and solidifying occupational health protection and stakeholder responsibility collaboration to comprehensively drive EHS management quality and efficiency improvement.

Full-Process Risk Management

We embed safety and occupational health risk control throughout every link of Company operations—from R&D, manufacturing, to delivery—achieving comprehensive risk prevention. The Company conducts OHS risk and hazard assessments to identify what could cause harm in the workplace, formulates actions to prepare for and respond to emergency situations, strictly controls process safety, and builds a safe, healthy, environmentally friendly, and compliant production operation environment. To reduce and prevent safety production risks, we have been regularly conducting evaluation of the progress against the targets, and launched the "Seven Key Initiatives for Safety Management Enhancement

Seven Key Initiatives for Safety Management Enhancement

#	Action	Key Content
1	"10+1" Safety Golden Rules	<ul style="list-style-type: none"> Formulate Trina Solar 10+1 Golden Safety Rules and the Management Procedures for Golden Safety Rules to clarify safety bottom lines and general principles for accident prevention. Meanwhile, compile supporting training courses and launch them on Trina Cloud Academy to facilitate systematic learning among all employees, so as to strengthen their awareness of safety red lines and practical implementation capabilities. Carry out the Golden Safety Rules Implementation Initiative. Break down the ten golden safety rules into post-specific operational safety requirements and embed them into key production process links, such as equipment inspection standards and high-risk work approval templates, to ensure full implementation of safety regulations. Conduct reviews on accidents and near-miss incidents to identify blind spots in the enforcement of the golden rules, and tighten inspection and supervision over rule violations within such blind areas.
2	LOTO (Lockout-Tagout)	<ul style="list-style-type: none"> Formulated and issued Energy Lockout-Tagout Management Procedure, refreshed Trinasolar LOTO Empowerment Training courseware; Implemented "LOTO Execution Special Action", strictly enforcing procedures and conducting LOTO risk inspections; Developed gap analysis/safety inspection checklists, enabling bases to conduct regular self-inspections, with Trina Group and Business Units supervising implementation.
3	Fall Protection	<ul style="list-style-type: none"> Formulated and issued Fall Protection Safety Management Specification, refreshed Trinasolar Fall Protection Empowerment Training courseware; Implemented "Fall Protection Special Action", implementing Fall Protection Safety Management Specification requirements and conducting high-altitude fall risk inspections; Developed gap analysis/safety inspection checklists for base self-inspection and Trina Group and Business Unit supervision.
4	Traffic Safety (including on-site industrial vehicles)	<ul style="list-style-type: none"> Completed "On-site & Off-site Traffic Safety Risk Assessment & Control Requirements" and refreshed Traffic Safety Management Procedure; Developed Trinasolar Traffic Safety courseware, launched on Trina Virtual Academy to enrich the knowledge system, helping all employees systematically learn road traffic safety knowledge, understand on-site traffic safety management key requirements, enhance safety awareness, and master necessary safety skills; Developed specialized traffic safety inspection checklists and implemented "Traffic Safety Implementation Action" company-wide.
5	Electrical Safety	<ul style="list-style-type: none"> Taking electric shock incidents as lessons, systematically advanced "Three-Dimensional Prevention" system construction: conducting cross-base incident case horizontal tracing and root-cause analysis, implementing equipment & facility "sieve-style" self-inspection & correction; Applying risk grading assessment for dynamic risk grading control; Establishing live-work management specifications aligned with domestic and international standards; Innovatively developing audit, inspection tools, checklists, and safety requirement & emergency skill empowerment training, ultimately forming a "Prevention-Control-Emergency" electrical safety closed-loop management system to enhance hazard rectification rates.
6	Chemical Safety Management (including major hazard source management)	<ul style="list-style-type: none"> Conducted EHS risk assessments on chemical (including oils, special gases, etc.) procurement, transportation, storage, use, and disposal, as well as major hazard source management status based on business operations, and conducted chemical safety management self-inspection and improvement at base level; During factory EHS system audits, focused on supervising and inspecting chemical safety management; Began sorting out and optimizing chemical safety management procedures and processes, planning to gradually update and launch corresponding work standards, empowerment training, and check lists to support bases in strengthening chemical safety management implementation.
7	Fire Safety	<ul style="list-style-type: none"> Based on fire key issue reviews, organized bi-weekly fire issue rectification progress collection and coordinated with capacity management to complete fire issue rectification; Simultaneously organized comprehensive fire safety risk hazard self-inspection and improvement across all bases from construction to production operation, summarizing management status, safety control points, and sorting out and improving fire safety management procedures and processes, developing and updating fire safety management & technical specifications, operation guidance SOPs, empowerment training, and checklists to consolidate fire safety risk control and prevention at base factories; Organized special fire safety inspections, cross-audits, and supervision & audit of fire safety risk points.

EHS Digital Process Construction

Trinasolar established an EHS incident digital module in the Reporting Period; employees can report incidents via the digital system, achieving full-process transparent management of incident reporting, review, investigation, corrective/preventive measure formulation, rectification implementation, and acceptance; the system supports incident case query, download, and sharing, and enables cross-base horizontal inspection, promoting full-employee participation in safety management and implementing full-employee responsibility, significantly enhancing incident management effectiveness and transparency.



Occupational Health Management

Streamlined occupational health examination management processes to standardize procedures for Business Units/Bases to formulate regulations. Strengthened implementation of occupational health examinations for new hires, job transfers, and departures.



Stakeholder Safety Management

-Updated the Contractor EHS Management Procedure and supplemented the Contractor Safety Management Agreement to support business units/bases;
 -Business Units/Bases focused on two key areas: (1) strengthening sludge disposal compliance control through qualification review and spot checks, supplementing tripartite supplementary agreements, improving management methods, arranging on-site supervision, and implementing systematic control; (2) implementing contractor and stakeholder safety management improvement measures, including contractor safety training, standardizing personnel entry and hazardous operation control, upgrading hazardous operation control processes, establishing contractor process guidelines and post-evaluation mechanisms, etc.

The Company adheres to the principle of "Safety First, Prevention-Oriented, Comprehensive Management", treating contractor safety management as a key link in production operation safety assurance, continuously strengthening full-lifecycle compliance control, and building full-employee safety capability to effectively prevent safety risks.

During the Reporting Period, the Company's cell & module EHS team conducted contractor operation safety special training at Yangzhou, Hua'an, Suqian, Yancheng, and Dongtai bases, participants included departmental staff and on-site contractor leaders participated; The training covered contractor safety management systems, entry procedures, hazardous operation control, incident management, and emergency response, with a focus on high-risk scenarios (e.g. hot work, confined space, high-altitude work) to strengthen risk identification, standardized operations, PPE use, and emergency evacuation skills. Training adopted case analysis and interactive Q&A formats to enhance participants' risk identification and on-site practical capabilities.

The Company continuously strengthens contractor full-lifecycle safety management mechanisms from compliance review, work permits, on-site supervision, training education, to emergency management.

Occupational Health & Safety Training

The Company relies on online learning platforms for safety training. In the Reporting Period, 17 customized safety courses were launched, totaling over 800 minutes, covering various key risk scenarios and operational procedures. As of the reporting date, over 24,000 employees completed learning and passed assessments.

OHS training courses include but are not limited to:

Basic Compliance

Safe Production & Environmental Protection Responsibility System, EHS Laws & Regulations, New Employee EHS Empowerment, etc

Special Safety

"10+1" Safety Golden Rules, LOTO (Lockout/Tagout), Fall Protection, Traffic Safety (including management of on-site industrial motor vehicles), Electrical Safety, Chemical Safety Management (including major hazard source management), Fire Safety, etc..

System & Management

EHS Management System (ISO 14001 & ISO 45001) Internal Auditor, Energy Management System (ISO 50001/GB/T23331), EHS Incident Investigation, Online Monitoring of Environmental Pollution Sources

Scenario-Based Risk

PV Cell Manufacturing Fire Risk Analysis, Overall National Security Concept, etc.

To systematically respond to potential emergencies in production operations, the Company formulated and implemented the Emergency Response Plan for Safety Production Accidents, conducting routine practical emergency drills for key scenarios including fire evacuation, chemical leakage response, and first-aid skills. In the Reporting Period, the Company conducted 873 emergency drills across all manufacturing bases, effectively enhancing overall emergency preparedness and response capabilities at production bases.



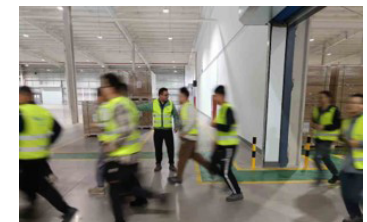
Hua'an Fire Emergency Drill



Yancheng Electric Shock Incident Drill



Dongtai Evacuation Drill



Trinasolar OHS Performance

OHS Investment

7,425.27 10,000 RMB

Safety Liability Insurance Coverage Rate

100 %

Safety Liability Insurance Investment

399.16 10,000 RMB

Work Injury Insurance Investment

1,865.24 10,000 RMB

Work Injury Insurance Coverage Rate

100 %

Manufacturing Base Emergency Drills

873 Sessions

Work-Related Fatalities – Company Employees^[10]

0 Cases

Work-Related Fatalities – Non-Company Employees^[11]

0 Cases

LTIR (Lost-Time Injury Rate) – Company Employees

0.504

Company Employee OHS Training

– Coverage Instances

148,149 Person-times

– Sessions

5,324 Sessions

– Total Hours

10,638 Hours

Non-Company Employee OHS Training

– Coverage Instances

13,034 Person-times

– Sessions

1,781 Sessions

– Total Hours

1,969 Hours

[10] Company employees: directly and indirectly hired employees.

[11] Non-company employees: personnel other than company employees, including contractors and their employees, suppliers and their employees, visitors, and other external personnel.



Rural Revitalization & Community Contribution

Trinasolar integrates corporate social responsibility into operations and development, leveraging industry and technological advantages to conduct social public welfare practices in energy conservation, carbon reduction, ecological protection, and rural revitalization through business model innovation, charitable donations, and employee volunteerism.

The Company established the Jiangsu Trina Public Welfare Foundation in 2016. The Foundation operates professionally, continuously implementing public welfare projects in education support, vulnerable group assistance, and disaster relief.


In the Reporting Period, the Company's cumulative investment in rural revitalization and social public welfare reached RMB 6.72 million, of which rural revitalization investment totaled RMB 4.16 million, benefiting approximately 3,845 people.

Rural Revitalization

Trinasolar actively responds to the national rural revitalization strategy, leveraging its core technological advantages in the new energy sector to deeply integrate industrial development into rural construction. The Company invests in "Agriculture-Photovoltaic" and "Aquatic-Photovoltaic" integrated utilization projects in rural areas, providing clean energy, activating the rural economy, improving the ecological environment, and promoting farmer income growth—exploring a path of green industry-driven rural sustainable development and injecting lasting momentum into beautiful countryside construction.

Trinasolar Dongying 400 MW "Aquatic-Photovoltaic" Project


Trinasolar's subsidiary Trina Tracking, leveraging the "Vanguard 2P" intelligent tracking system and full-process professional services, successfully delivered Shandong Dongying's 400 MW "Aquatic-Photovoltaic" project, and was awarded "Outstanding Service Provider". The project innovatively practices the "water surface power generation, water bottom aquaculture" industrial integration model, achieving efficient power generation while fully ensuring fishery farming space, driving dual improvements in land use efficiency and rural economic benefits.



Guizhou Luodian County 67.5 MW "Agri-Photovoltaic" PV Power Station Project

Leveraging Luodian's advantage as a "Natural Greenhouse", Trinasolar innovatively built a "PV + Agriculture" integrated development model to inject green momentum into rural revitalization. By scientifically arranging economic crop cultivation and ecological breeding under high-performance PV panels, we built a "panel-top green power generation, panel-bottom efficient farming" integrated industrial system, achieving land compound utilization and benefit multiplication.

This model not only provides clean energy but also drives the formation of a rural industrial complex integrating modern agriculture, local employment, and green income growth, effectively promoting agricultural transformation, employment enhancement, and income channel expansion for farmers, and driving synergistic development of rural industry ecology and natural ecology.



Community Contribution

Trinasolar consistently fulfills its corporate citizenship responsibilities, deeply engaging in philanthropy and community development. Leveraging diverse public welfare initiatives, employee volunteerism, and core business empowerment, the Company comprehensively advances its social responsibility practices.

The Company routinely conducts community outreach, assistance, and material donations to support vulnerable groups—including needy families elderly individuals living alone. It continuously implements various education-support and poverty-alleviation initiatives to promote the healthy growth of young people. In response to disasters, the Company promptly provides relief donations, delivering care supplies to nursing homes, special education institutions, and various charitable organizations. Concurrently, it carries out rural revitalization support, care for left-behind children, disability-inclusion programs, and other public welfare activities—contributing to community development through targeted support and sustained philanthropic investment in areas such as care for vulnerable populations, youth development, and community sustainability.

During the Reporting Period, the Company's public welfare projects reached approximately 4,326 beneficiaries.

Caring for Autistic Children

- Trinasolar continuously focuses on and supports the rehabilitation and growth of children with autism. Through fund donations, material donations, and volunteer services, the Company helps related rehabilitation institutions improve facilities and professional service levels, creating a more friendly and inclusive learning and growth environment.
- Trinasolar and the Jiangsu Trina Public Welfare Foundation dedicated proceeds and materials from the "PV Ten Years" story collection campaign to support autism rehabilitation projects, practically helping children move toward a better future.

Overseas Community Engagement

While advancing global energy transition, Trinasolar actively participates in overseas community building. The Company donates high-efficiency PV modules to local communities in North America, directly supporting clean energy projects at community centers, schools, or public institutions. These projects not only deliver tangible green power and reduce operational costs but also create valuable skills training and employment opportunities for local youth during installation and maintenance.

05

Upholding Integrity for Long-Term Success

Trinasolar incorporates governance and business ethics into its ESG strategic direction, continuously optimizing a legally compliant, fair, and transparent governance structure and business ethics system.

- Corporate Governance 91
- Compliance Management 94
- Business Ethics 98
- Information Security and Privacy Protection 100



Corporate Governance




Board Governance

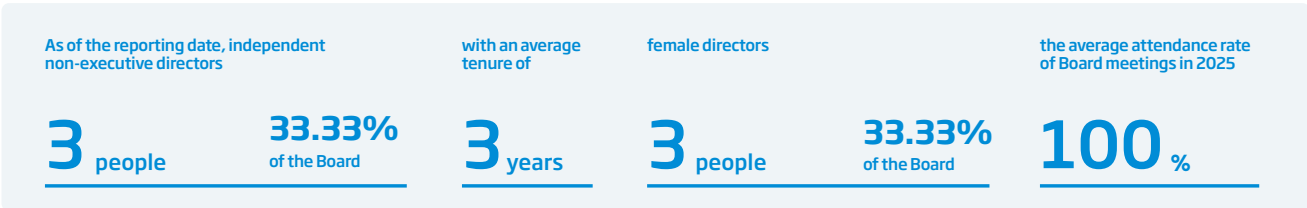
Governance Structure

The Company strictly complies with the Company Law of the People's Republic of China, Securities Law of the People's Republic of China, and the Rules Governing the Listing of Stocks on the Science and Technology Innovation Board of SSE and other applicable laws, regulations, and regulatory requirements, building a clear, standardized corporate governance system.

The Board of Directors, as the core decision-making body, is responsible for reviewing strategic planning, operating budgets, internal controls, and risk management. The Board has set up four special committees, namely the Audit Committee, Compensation & Evaluation Committee, Strategy & Sustainability Committee, and Nomination Committee, which effectively operate within their respective scopes to continuously enhance governance effectiveness. As of the end of 2025, the Board comprises 9 directors, primarily responsible for formulating development strategies, reviewing major issues, maintaining investor relations, and supervising risk management.

The Company benchmarks itself against relevant listing rules and mainstream ESG rating criteria, continuously evaluating and optimizing its governance structure in the following areas to promote institutionalization, standardization, and professionalization of Board governance, ensuring alignment with the Company's development stage, business scale, and regulatory requirements:

- 
Independence
 Proportion and tenure of independent non-executive directors, composition of Nomination and Compensation Committees;
- 
Diversity
 Board gender diversity and professional competency diversity within the Board;
- 
Effectiveness
 Committee meeting mechanisms, attendance rates, excessive concurrent roles, and director compensation systems.



Board Independence

The Company strictly adheres to the Measures on the Administration of Independent Directors of Listed Companies, the Code of Corporate Governance for Listed Companies, and Trinasolar's Articles of Association. We have established and continuously refined the Independent Director Working Rules, clearly defining eligibility criteria, selection procedures, performance duties, and corresponding powers. These measures ensure that independent directors perform their duties independently, compliantly and effectively.

In terms of oversight, the Company conducts annual competency and performance evaluations for board members. Each independent director is required to submit annual work reports for board review. Concurrently, the Company releases a Special Opinion on Independence Self-Assessment, ensuring the integrity and transparency of the entire supervision process.

Board Diversity Development

The Company keeps optimizing its board diversity framework and has formally formulated the Board Diversity Policy. During the reporting period, it also revised the Working Rules of the Board Nomination Committee. All board appointments are made on the basis of professional competence. Meanwhile, full consideration is given to diversified factors including education background, professional experience, expertise, knowledge, tenure of service, gender, age, nationality, ethnicity, and cultural background.

Board Effectiveness

The Board uses regular and structured operational mechanisms to continuously enhance decision-making scientificity and supervision effectiveness. Each committee holds regular meetings to review strategy, operations, finance, sustainability, and related risk topics, and conducts continuous supervision of implementation. Additionally, the Compensation & Evaluation Committee regularly evaluates overall company performance and, based thereon, reviews compensation plans for executive directors and senior management. The Company discloses annual remuneration details of directors, supervisors, and senior management, as well as compensation plan for the next year.

In 2025, the Company issued and implemented the Director and Senior Management Remuneration Management Policy, clarifying compensation structure, performance linkage, and clawback mechanisms. The system stipulates that the compensation of non-independent directors and senior management consists of base salary, performance-based pay, and medium/long-term incentive income, with performance-based pay accounting for ≥50% of the total of base and performance pay. For the CEO and other executives, performance-based pay is linked to the Company's return on equity (ROE), revenue, net profit, and individual performance contributions in risk management and compliance.

The Policy also clarifies clawback provisions: if financial statement restatements occur, or if directors/senior management cause major losses due to gross negligence or illegal conduct, the Company has the right to fully or partially claw back performance-based pay and medium/long-term incentives paid during the relevant period. Additionally, to ensure the objectivity and independence of independent directors, their compensation is primarily fixed retainer, without participation in performance-based or medium/long-term incentives.

Risk Management

Risk Management System

The Company follows the Basic Norms for the Internal Control of Enterprises by the Ministry of Finance and other five ministries, referencing the Guide on Comprehensive Risk Management of Central Enterprises, the COSO Enterprise Risk Management Framework, and ISO 31000:2018 Risk management - Principles and Guidelines, establishing a comprehensive risk management system and supporting risk management systems.

The Board's Audit Committee is responsible for overall risk management supervision. In 2025, the Company continuously optimized its risk governance system, upgrading core systems including the Enterprise Risk Management Outline, the Enterprise Risk Management Policy, the Enterprise Risk Management Implementation Rule, and the Crisis Management Policy, further clarifying the responsibilities of compliance management. By integrating the "integrated supervision" mechanism into the comprehensive risk management framework, the Company strengthened responsibility division among all levels and departments in risk identification, management execution, supervision, and collaborative control, empowering business units to proactively identify and manage risks while strengthening full-process supervision to uphold compliance bottom lines and provide systematic support for achieving business objectives.

The Company builds a "three lines of defense" risk control mechanism comprising business departments, risk control management departments, and audit & supervision departments, clearly dividing responsibilities at all levels. The Board and its Audit Committee bear ultimate supervision and decision-making responsibilities for risk management; the management team (including risk control departments, business departments, and audit & supervision departments) specifically executes risk control policies and processes, ensuring risk control permeates the entire business process.

The Company systematically conducts annual comprehensive risk assessments and internal audits, complemented by quarterly risk reviews and remediation meetings. We continuously identify and assess risks across business functions—including R&D, manufacturing, supply chain, logistics, and sales—covering key categories such as strategic, market, financial, compliance, operational, and ESG risks. Furthermore, we monitor the effectiveness of risk management and internal control measures to drive the implementation of mitigation strategies and facilitate the continuous optimization of our management systems. The Audit Committee is independent of all operational and supervisory departments, responsible for overseeing the sound functioning of the overall risk management system; it utilizes internal and external audits to evaluate the effectiveness of risk management and internal controls; the Audit & Supervision Department and other risk management departments regularly report directly to the Audit Committee and seek its opinions to ensure independence, enhancing the effectiveness of audit & supervision work.

Risk Management "Three Lines of Defense" System

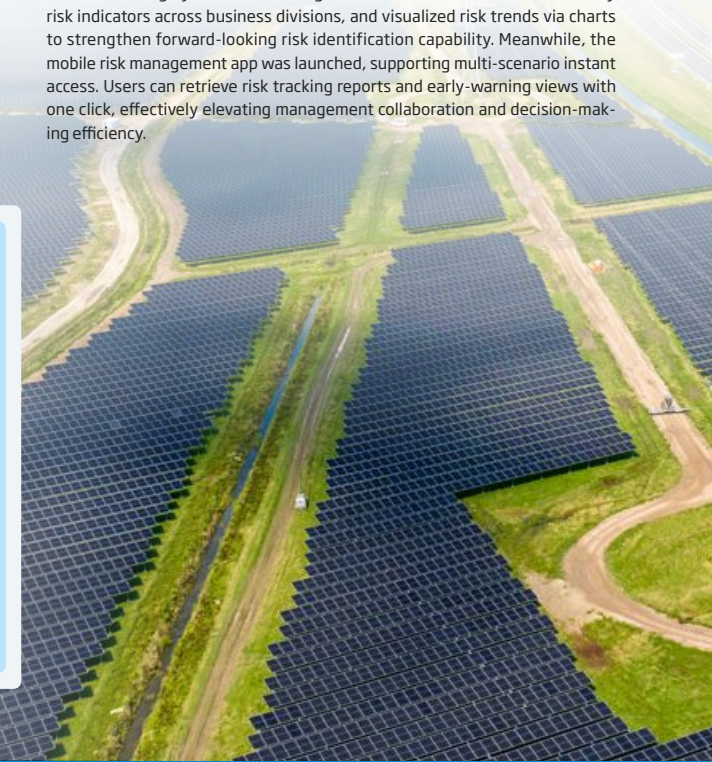


Digital Upgrade of Risk Management

During the Reporting Period, the Company systematically reviewed 15 risk management processes and, combined with organizational restructuring, updated and released 6 processes including risk target formulation, key risk task formulation, risk management operation planning, comprehensive risk management evaluation & assessment, and risk assessment.

To further enhance risk control effectiveness, the Company continuously promoted digital transformation: adding online defect rectification tracking with dynamic monitoring dashboards, building configurable risk evaluation functions, and connecting data across risk management processes—achieving a full-process closed-loop from risk planning, early-warning monitoring, high-level risk control, business defect rectification, risk evaluation & assessment, and risk management reporting.

In the early-warning mechanism, we focused on 13 operational risk dimensions, achieving dynamic monitoring and alert notification for over 170 key risk indicators across business divisions, and visualized risk trends via charts to strengthen forward-looking risk identification capability. Meanwhile, the mobile risk management app was launched, supporting multi-scenario instant access. Users can retrieve risk tracking reports and early-warning views with one click, effectively elevating management collaboration and decision-making efficiency.



Emerging Risks & ESG Risk Governance

Facing a complex external environment, in 2025 the Company proactively identified emerging risks including technology iteration, and AI information security, conducted special analyses, and established corresponding response measures.

Emerging Risk 1: PV & Storage Technology Iteration Risk

Risk Description & Impact: The PV & storage industry develops rapidly, with efficient cells and new storage technologies constantly emerging and technology routes diversifying. Failure to accurately grasp technological trends and advance timely technological upgrading and capacity optimization may face risks of lagging in new technology product layout and market share decline.

Risk Response Measures:

- Continuously strengthen industry technology trend tracking and judgment, enhance core technology independent R&D and innovation capabilities, continuously improve product performance and cost competitiveness, and consolidate market competitive advantages;
- Reasonably coordinate the pace of R&D investment and capacity construction, dynamically optimize the capacity structure based on technology maturity and market demand, and steadily advance the industrialization of new technology products;
- Strengthen intellectual property management systems, improve patent layout and risk assessment mechanisms, and strengthen technology achievement protection.

Emerging Risk 2: AI Information Security Risk

Risk Description & Impact: As AI technology applications in enterprise operations, R&D, and internal systems become increasingly widespread, AI agents and open-source large models bring new information security risks while improving efficiency. Imperfect access permission control, usage codes of conduct and security evaluation mechanisms for AI tools may lead to data leakage and system safety incidents.

Risk Response Measures:

- Strengthen pre-deployment security assessment and review mechanisms for AI application introduction; strictly prohibit the unauthorized use or integration of AI tools; enhance specialized cybersecurity monitoring; and promote the secure, compliant deployment of AI tools within controlled environments.
- Implement encryption protection for core documents and critical data, and further enhance the data security defense system.
- Integrate information security risk assessment into the project initiation phase, and enforce full-cycle tracking and closed-loop management.
- Intensify employee information security training; issue AI tool usage risk alerts to all staff; and standardize usage behaviors to ensure safe and compliant AI adoption.

In 2025, the Company incorporated ESG risks into the risk management framework, further clarifying the classification, definition and applicable scope of ESG-related risks. The Company continued to include ESG risks in annual risk assessments and management reviews, covering key areas such as environmental compliance, occupational health & safety, product quality, and sustainable supply chain management. Any non-compliance issues and control deficiencies identified during the review process are documented in the ESG Management Review Report. Relevant responsible departments are required to formulate rectification plans, designate responsible persons, and confirm completion timelines. To strengthen closed-loop supervision of ESG review outcomes, the review report is submitted to the Company's management to ensure timely rectification progress and full resource support. The Company also conducts regular follow-up inspections and re-evaluations rectification implementation status.

Risk Culture Cultivation

The Company delivers tiered and targeted training on risk management and internal control. In 2025, it launched over 10 specialized empowerment sessions covering all directors (including non-executive directors), senior management, overseas business specialists, procurement, and other key positions. Through online and offline training, we strengthen the "red line principle" of risk management and promote the application of risk control digital systems. In addition, the Company released 39 issues of Risk Control Frontier Insights via its internal risk control WeChat official account, covering macro policies, geopolitical changes, and major industry dynamics. These releases deliver professional risk insights, enhancing employees' risk awareness, identification capability and analytical judgment. Furthermore, the Company has embedded comprehensive risk control into the performance management system. Comprehensive Risk Control has been systematically incorporated into organizational performance appraisal and appropriately reflected in performance-based compensation evaluation to support strategic goal achievement. Specifically, the control effectiveness for major compliance risks concerning product quality and safety is defined as a core assessment indicator. The Company adheres to a zerotolerance policy toward such risks, incorporating risk management considerations into the entire processes of product R&D and business development. By combining training empowerment with performance incentive mechanisms, the Company fosters a sound risk culture, enabling all employees to take risk management as routine work and conscious action.

Investor Relations & Communication

As of December 31, 2025, the Company's total share capital was 2,342,567,686 shares, with 54,878 ordinary shareholders. All issued shares are ordinary shares. Shareholders exercise their legitimate rights and interests in compliance with applicable laws and regulations. The Company has no shares carrying special voting rights, nor any redeemable preferred shares with voting rights.

The Company adheres to the principles of open, fair, and transparent information disclosure, actively communicating with shareholders and investors through shareholder meetings, periodic reports, earnings briefings, investor hotlines, email, investor research, analyst meetings, roadshows, and other methods to timely convey company performance, development strategies, and value creation information. During the Reporting Period, the Company held 7 shareholder meetings, 3 earnings briefings, participated in 58 broker and industry conferences, replied to 149 questions on the investor interaction platform, and organized 223 investor exchange activities, handling 469 investor calls and emails.

Simultaneously, the Company values communication with investors on sustainability topics. During the Reporting Period, we exchanged views with investors on topics covering anti-internal competition in the PV industry, emerging PV technologies and intellectual property protection. Such dialogues have further strengthened investors' recognition of the Company's long-term value creation capabilities through technological innovation, business development, and ESG practices.

Compliance Management

Responsible operation is the foundation and prerequisite for stable business operations. Trinasolar follows laws and regulations in business locations, the ISO 37301:2021 Compliance Management System Requirements and Guidelines, and national compliance management guidelines, supporting the UN Global Compact Ten Principles. We consistently uphold the compliance philosophy of "Sound Governance, Compliant Operations, Stable Development, and Value Creation", continuously improving the business ethics system to ensure the effectiveness of organizational structure and decision-making mechanisms for compliance management.

Compliance System

Compliance Management Organizational Structure

Trinasolar has established a clear, tiered compliance management system:

Board of Directors & Audit Committee	Responsible for reviewing and deciding on compliance strategy, policies, and medium/long-term goals
Governance, Risk & Compliance Committee (GRC)	Coordinates compliance management system construction and cross-departmental compliance work
Compliance Management Department	As the first-line responsible entity, implements compliance management requirements in its domain
Audit & Supervision Department	Independently fulfills compliance supervision responsibilities to ensure objective and fair compliance execution
Professional Functional Departments	In key areas (listing company compliance, anti-bribery, IP protection, environmental protection, trade, labor, tax, data security, anti-money laundering), dedicated teams are assigned to continuously improve specialized compliance management mechanisms

Organizational Structure of Trinasolar Compliance Management System and Functions at Each Level

Governance	Board of Directors and its Audit Committee	Responsible for deciding on compliance strategy, policies, and medium- to long-term objectives		
Management	GRC (Governance, Risk & Compliance Committee)	Manages and coordinates the construction of the compliance management system		
Implementation & Supervision	Supply Chain, Manufacturing, R&D, Sales, ...	Compliance Management Department, Internal Control Legal Affairs, Quality, EHS, Finance, ...		Audit & Supervision Department
	First Line of Defense	Second Line of Defense Other compliance-related functional departments		Third Line of Defense
	Each Business Unit (BU), Marketing Unit (MU), and business department serves as the responsible entity for compliance management within its respective domain	Compliance Management Department leads and coordinates compliance supervision activities	Other functional departments: responsible entities for managing compliance risks in their respective specialized areas	Independent Oversight Function



Compliance System Construction

Trinasolar has issued, updated, and implemented a series of compliance systems including the Compliance Management System, the Code of Business Conduct and Ethics for Employees, and the CSR Code of Conduct of Trina Solar Supplier, applicable to all employees, management, and business partners globally. The compliance system covers laws, regulations, international conventions, and business ethics applicable to global operations, committed to conducting business under the highest ethical standards, with key compliance areas covering anti-bribery & corruption, employee rights, responsible procurement, environmental protection, data & information security, and conflict of interest.

Integrity & Compliance

Anti-Corruption & Bribery: We adopt a zero-tolerance attitude toward any corruption, bribery, or illegal kickbacks, ensuring transparency and fairness in business dealings.
Anti-Monopoly & Fair Competition: We strictly comply with anti-monopoly laws and prohibit any behavior harming market fairness.
Anti-Money Laundering & Insider Trading: We strictly prohibit using non-public material information for stock trading and establish rigorous review mechanisms to prevent money laundering.
Export Control & Trade Compliance: We strictly adhere to global trade regulations, dynamically track sanctions and control developments, and build a full-process risk control system to ensure legal and stable overseas operations.

Workplace Environment & Employee Rights

Anti-Discrimination: We are committed to fostering a diverse and inclusive workplace. In recruitment, promotion, and daily management, we strictly prohibit any form of discrimination based on gender, ethnicity, religion, or background.
Environment, Health & Safety (EHS): We place employee life safety first and commit to minimizing environmental impact in production, pursuing sustainable development.

Information Security & Professional Ethics

Information Confidentiality: Every employee is responsible for protecting the Company's trade secrets and customer personal privacy, ensuring information asset security and integrity.
Conflict of Interest Management: Employees must proactively declare personal interests that may affect impartial decision-making to ensure Company interests are not compromised by private interests.

Supervision & Safeguard Mechanisms

Whistleblowing System: We have established a comprehensive whistleblowing and appeal mechanism. The Company encourages employees and partners to report violations anonymously or by name, and commits to strict protection of whistleblowers, prohibiting any form of retaliation.

Compliance Assessment & Performance Evaluation

The Company incorporates compliance assessment and performance evaluation into departmental organizational performance, formulating scoring rules from perspectives of regulatory, judicial litigation, internal compliance violations, and setting multiple compliance management targets, continuously monitoring and evaluating the effectiveness of the compliance management system.

The Company formulates and implements a compliance performance evaluation plan, continuously urging all units to improve compliance performance through gap analysis, and incorporating compliance organizational performance into major compliance risk loss evaluation systems, conducting annual evaluations.

Public Policy Management

Trinasolar has established a cross-functional public policy management system, clarifying accountability from management to operational levels, ensuring every policy or participation action has clear accountability.



The Company issued a formal public policy position statement, taking the Paris Agreement as a benchmark, clarifying our active stance on reducing carbon emissions, advancing energy transition, and supporting related regulations as the core guidance for internal and external communications. We established regular review and monitoring processes. For potential policy deviations or misalignments, we have defined handling frameworks, including communication and public clarification, to maintain the seriousness of climate action. We adhere to transparent disclosure of direct lobbying activities related to climate, as well as the climate policy positions and related activities of industry associations we participate in.

2025 Compliance Management Target	2025 Actual Achievement
major negative compliance incidents	major compliance incidents occurred
Zero	Zero
Compliance training participation rate	participation rate
>90%	>90%
Compliance commitment/ conflict-of-interest declaration completion rate	completion rate
90%	>99%
External audit non-conformity rectification completion rate	completion rate
100%	100%



In the Reporting Period, the Company's whistleblowing platform operated efficiently, receiving

72 substantiated reports

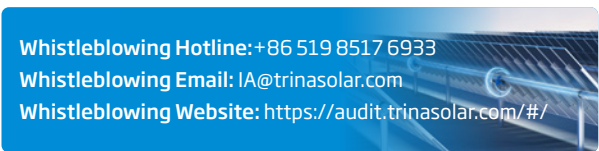
all of which were completed, achieving a

100% handling completion rate

Whistleblowing Mechanism

The Company has established a comprehensive whistleblowing mechanism, with requirements clearly incorporated into core systems including the Whistleblowing Management System, the Code of Business Conduct and Ethics for Employees, and the Employee Handbook, encouraging employees, customers, and partners to report suspected violations of laws, regulations, or business ethics.

Trinasolar publicly discloses whistleblowing channels, opening telephone, email, website, and QR code channels.



Whistleblowing Hotline: +86 519 8517 6933
Whistleblowing Email: IA@trinasolar.com
Whistleblowing Website: <https://audit.trinasolar.com/#/>

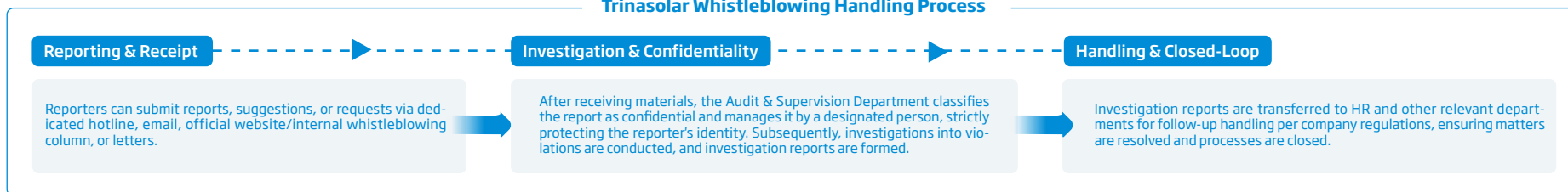
The Audit & Supervision Department has established a standardized full-process workflow covering whistleblowing information reception, assessment, investigation, determination, reporting, and feedback. Upon receiving a report, strict standard investigation procedures are followed.

To enhance the convenience and efficiency of whistleblowing channels, the Company continuously improves the whistleblowing management digital platform, achieving full-process closed-loop management covering registration, assignment and feedback. Simultaneously, the Company has established a whistleblowing protection system covering whistleblower protection, strict information confidentiality, and incentive mechanisms, comprehensively safeguarding whistleblowers' legitimate rights and interests.

The Company supports both anonymous and named reporting, adopting a zero tolerance stance toward any retaliation against whistleblowers, strictly prohibiting any interference, obstruction, or reprisal conduct. Confirmed violations will result in disciplinary action in accordance with applicable laws, regulations and internal rules. During the Reporting Period, the Company's whistleblowing platform operated efficiently, receiving 72 valid reports, all of which were completed, achieving a 100% handling completion rate.

The Company conducts training to systematically convey whistleblowing channel usage methods, procedures, and related protection policies, ensuring stakeholders know the channels and continuously enhancing compliance whistleblowing awareness.

Trinasolar Whistleblowing Handling Process



Compliance Awareness Enhancement & Communication

Compliance training runs through new employee onboarding, personnel transfers, key position departure audits, and re-employment. New hires are required to finish complete compliance training within 90 days of onboarding. All business units shall organize at least one company-wide compliance training session each year, with customized courses tailored for different management tiers and job roles.

In 2025, Trinasolar continuously improved key compliance domain training courses—including anti-corruption, human rights, conflict of interest, fair competition, trade compliance & export control, IP, tax transparency, information security, and data compliance—and regularly held compliance courses supported by internal employees and external experts, timely sharing global compliance regulation developments and case studies.

During the Reporting Period, the Company implemented annual compliance training plans through online and offline mechanisms, ensuring full coverage and regular promotion for all employees, with an average training duration of 56 minutes per employee.



Trinasolar Continuously Empowers Internal Compliance Teams to Enhance Compliance Literacy

To consolidate internal compliance talent skills, the Company continuously implements the compliance internal auditor training program, selecting backbone employees from various departments for systematic empowerment through multiple rounds of professional training.

In 2025, over 100 employees obtained ISO 37301 Compliance Management System Internal Auditor Certificates and ISO 37001 Anti-Bribery Compliance Management System Internal Auditor Certificates, significantly enhancing the overall professional capability of the Company's compliance internal audit team.

Tax Transparency

Trinasolar legally and compliantly conducts tax work, strictly complying with tax laws and regulations in business locations. The Company publishes the Tax Guiding Principles on its website and has established a system centered on the Tax Management Policies, the Tax Planning Guiding Principles, the Tax Compliance Management Measures, and the Tax Risk Management Measures, ensuring implementation through "tripartite" management organization, tax health check mechanisms, tax audit work collaboration mechanisms, and tax risk responsibility management.

In the Tax Guiding Principles, we clearly express our transparent tax stance:

- The Company is committed to not shifting profits to tax havens. We implement measures to ensure that taxes paid are aligned with value creation activities, avoiding artificial tax arrangements that lack commercial substance.
- The Company maintains transparent and constructive engagement with tax authorities and policymakers. By providing accessible information, we facilitate a clear understanding of our tax strategy and core business model, which serves as the guiding principle for our daily tax operations.
- The Company reports and discloses tax status per applicable domestic and international tax regulations, maintaining transparency in operations and tax status.

In 2025, while continuously optimizing the tax management system, we focused on refining business process control, formulating and issuing the Transfer Pricing Management Guidelines and Transfer Pricing Management Manual; based on Chinese transfer pricing laws and OECD transfer pricing guidelines, we use the arm's length principle as the foundation for pricing intercompany transactions across regions.



Global Tax Compliance Management Upgrade & Centralized Control

To achieve standardized and professional upgrading of overseas tax management, the Company launched the global tax service provider optimization project, establishing a unified overseas tax information collection and risk monitoring process, systematically managing the global tax compliance landscape, significantly enhancing the quality and consistency of overseas tax compliance work, achieving a transition from "decentralized outsourcing" to "centralized management and professional collaboration".



Business Ethics

Business Ethics Management System

Trinasolar adopts a zero-tolerance attitude toward violations of business ethics, strictly complying with laws and regulations in business locations and international conventions, and applicable international practices. The Company has built a comprehensive business ethics management system, including organizational structure, policy system, risk prevention, and supervision & whistleblowing mechanisms.

Under the guidance and supervision of the Board's Audit Committee, led by GRC, and jointly implemented by the Compliance Management Department, Audit & Supervision Department, Legal Department, and business units, the Company implements management measures for anti-unfair competition, anti-bribery, anti-corruption, and anti-monopoly.

Anti-Bribery & Anti-Corruption

Trinasolar publicly released the Anti-Bribery Compliance Policy, formulating a series of systems including the Code of Business Conduct and Ethics for Employees, the Anti-Bribery Compliance Management Policy, and the Implementation Rules for Anti-Bribery Compliance Management, clarifying anti-bribery and anti-corruption requirements including risk assessment and behavioral guidance for gifts, hospitality, meetings, political donations, commercial sponsorships, sales & procurement, investment & M&A, recruitment & employee management, and corrective, punitive measures and handling procedures for violations.

The Company requires suppliers to sign the Supplier Integrity Commitment Letter and the CSR Code of Conduct of Trina Solar Supplier, requiring them to follow consistent business ethics standards. Simultaneously, the Company further standardizes partner management and handling procedures, conducting annual and periodic compliance due diligence assessments for business partners; for partners failing assessments, rectification requirements are issued; for serious violations, cooperation qualifications are revoked.

To ensure continuous effective operation of this system, the Company builds a supervision mechanism combining internal audits, special investigations, and external certification:

Internal Supervision: Following a risk-oriented principle, the Company completes audits covering all business segments and subsidiaries every three years, and conducts targeted investigations annually for high-risk businesses and key positions; for verified violations, the Company legally and procedurally handles relevant directors, employees, and other applicable personnel, and regularly discloses investigation results to society;

External Certification: The Company organizes annual surveillance audits or recertification of the ISO 37001 Anti-Bribery Compliance Management System, promoting continuous compliance with international standards; certification covers the Group and all subsidiaries. During the Reporting Period, the Company maintained ISO 37001 Anti-Bribery Compliance Management System certification validity.

During the Reporting Period, the Company transferred and concluded 2 illegal cases and used this as an opportunity to drive management rectification, system optimization, and process strengthening, improving digital traceability and supervision mechanisms to effectively enhance compliance management effectiveness and prevent similar risks from recurring.

Conflict of Interest

Trinasolar builds a company-wide Conflict of Interest Control System, focusing on high-risk scenarios and sensitive positions (procurement, sales, finance, approval, recruitment, audit), covering seven major high-risk scenarios (self-dealing, business competition, internal appointments, etc.). For directors and senior management, strict tiered approval mechanism is implemented, strengthening appointment, approval, and decision-making avoidance.

The Company establishes onboarding, annual centralized, and real-time dynamic conflict-of-interest declaration requirements, and conducts awareness campaigns, conflict-of-interest special course training, and employee education.

The Company embeds conflict-of-interest management into recruitment, approval, transactions, and other key links; the Audit & Supervision Department conducts audits and process inspections involving conflict of interest.

During the Reporting Period, the Completion Rate of the Conflict of Interest Declaration Questionnaire exceeded 99%; the Company verified 1 conflict-of-interest violation, handled it per company regulations, and implemented management improvement items; in 2025, no money laundering or insider trading incidents occurred involving the Company or employees.

During the Reporting Period, the Completion Rate of the Conflict of Interest Declaration Questionnaire

>99%



Anti-Unfair Competition & Anti-Monopoly

Trinasolar builds a globally unified anti-unfair competition and anti-monopoly compliance management system. Based on the Anti-monopoly Law of the People's Republic of China, the Anti-Unfair Competition Law of the People's Republic of China, and relevant anti-monopoly and anti-unfair competition regulations in major jurisdictions, policies cover all employees and business scenarios.

Upholding the principle of fair competition, the Company explicitly prohibits any behavior obtaining transaction opportunities or disrupting competition order through unethical or illegal means, including counterfeiting, false advertising, bid-rigging, commercial bribery, and trade secret infringement—and implements key management for sensitive positions (management, sales, procurement, marketing, dealer management). In supplier cooperation, we also require them to comply with relevant requirements to maintain a fair and transparent market competition order.

The Company issued the Anti-Monopoly Compliance Policy, strictly regulating competitor communication, industry association activities, customer cooperation, pricing strategies, exclusive dealing, resale price maintenance, and differential pricing, explicitly prohibiting price fixing, bid-rigging, market division, and exchange of sensitive information. Simultaneously, the Company formulated the Abuse of Market Dominance Review Management Regulations and the Monopoly Agreement Review Management Regulations, clarifying departmental responsibilities, review scope, risk identification mechanisms, and process control requirements; timely compiled and consolidated common monopoly risk and unfair competition behavior lists to help employees identify risks, enhancing fair competition compliance awareness.

Trinasolar regularly conducts anti-unfair competition and anti-monopoly compliance audits and strengthens anti-monopoly law training and dissemination; through dissemination training, approval control, supervision, and accountability management, the Company effectively prevents unfair competition and monopoly compliance risks, ensuring global business legality, compliance, and fair competition; as of the reporting date, Trinasolar has not received any legal proceedings related to unfair competition or violation of anti-monopoly laws.

Business Ethics Training and Communication

The Company promotes business ethics awareness and risk prevention capabilities through corporate culture dissemination, specialized training, critical position mapping, risk point identification, compliance performance evaluation, and mutual supervision, forming an end-to-end prevention and control framework covering ethical mindset cultivation, daily management supervision, internal auditing, and violation investigation.

The Company conducts system-wide training and communication for all employees and relevant business partners, continuously strengthening awareness of business ethics responsibilities and improving risk prevention capabilities. For internal employees, training covers directors (including non-executive directors), senior management, and all full-time employees, with content covering integrity in employment, conflict-of-interest management, identification of improper benefit transfers, and case-based warning education. During the Reporting Period, the Company achieved 100% coverage of business ethics courses for all employees via online platforms and organized 11 on-site specialized training sessions on business ethics and integrity education.

Simultaneously, the Company extends business ethics requirements along the value chain, conducting compliance communication and specialized training for distributors, contractors, suppliers, and other business partners.





Information Security and Privacy Protection

Trinasolar strictly complies with the Cybersecurity Law of the People's Republic of China, the Data Security Law of the People's Republic of China, the Personal Information Protection Law of the People's Republic of China, and other applicable laws and regulations in its operational jurisdictions (e.g., the EU General Data Protection Regulation (GDPR)), ensuring that information security and privacy protection are embedded throughout the business lifecycle and kept aligned with technological advancement.

Information Security

The Company builds its information security management system in accordance with standards such as ISO 27001, encompassing organizational structure, systems, processes, technical tools, routine operations, and cultural awareness cultivation. As of the reporting date, the Company has obtained ISO 27001 Information Security Management System certification and has been rated as a "Four-Star Enterprise in Jiangsu Province Industrial Information Security Protection". No information security or privacy breach incidents occurred during the Reporting Period.

Information & Privacy Security Management Architecture

Trinasolar adopts a three-tier collaborative management model, adhering to the principle of "Strategic Leadership, Management Assurance, Effective Execution, and Organization-Wide Engagement".

The Company's GRC Committee (Governance, Risk & Compliance Office) is headed by a senior executive, and the GRC serves as the highest decision-making body for information and privacy security, responsible for leading strategic directions and coordinating information security work. The GRC holds at least one meeting annually on information and privacy security matters and may submit key issues to the Board when necessary. Board members and GRC decision-makers include personnel with professional

backgrounds in computing and application technologies. During the Reporting Period, the GRC held 6 meetings on information and privacy security matters.

The Information Security Department is responsible for daily management and operations. Each Business Unit and functional department appoints an Information Security Liaison to assist in implementing management requirements.

All employees and partners participate collectively. The Company has established a routine upward and downward linkage mechanism to provide comprehensive support and assurance for all activities.

Information Security System and Processes

The Company improves its information security system, adopting the core philosophy of "Security Serving Business, Security Integrated into Business", and updates the Information Security Management System, the Information Secrecy Management Regulation, and other management systems to systematically build an integrated information security framework covering industrial control security, data security, development security, and confidentiality management.



Building a "4A" Architecture Management Process to Continuously Enhance Comprehensive Information Security Capabilities

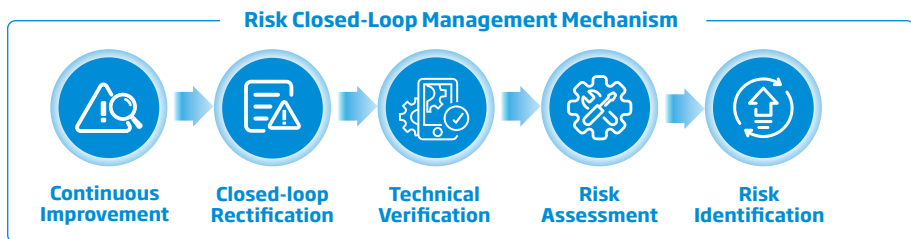
The Company implements a "4A Architecture Review Mechanism" (i.e. Business Architecture, Application Architecture, Data Architecture, and Technology Architecture) to assess and manage digital projects across their full lifecycle.

Information security, as a critical component of technology architecture, is embedded throughout the project lifecycle. Leveraging the DevSecOps platform, the Company shifts security leftward—embedding security requirements into the early stages of projects. Information security reviews are integrated into all project review nodes to ensure security requirements and risk control measures are effectively implemented and closed-looped; prior to system launch, penetration testing and vulnerability scanning are mandatory, and release is permitted only after confirmation that no medium- or high-risk vulnerabilities remain.

As of the reporting date, this process covers all digital systems within the Company.

Information Security Risk Management

Trinasolar continuously refines its information security risk management system to ensure the data integrity. We conduct risk identification, assessment, technical validation, closed-loop remediation, and continuous improvement, building a risk governance mechanism covering institutional management, technical validation, and external audits, incorporating global regulatory trends and emerging legal requirements into the overall risk management framework.



The Company issued the Information Security Risk Assessment Management Specification and conducted annual information security risk identification and internal audits. Assessment content covers business system asset valuation, identification of potential threats and vulnerabilities, assessment of incident likelihood and impact, risk level determination, and formulation of response measures—providing a basis for risk tiered control, priority ranking of remediation, and resource allocation.

To monitor and respond to potential information security threats in real time, the Company continuously executes Red-Blue Team exercises, system security testing, security baseline checks, and benchmarking against best practices—conducting multi-dimensional technical assessments and validation to deeply identify vulnerabilities, attack surfaces, and potential security risks in system architecture, configurations, and protective measures.

The Company has established a routine external independent verification mechanism, engaging expert third-party professional institutions annually to conduct penetration testing. All identified security vulnerabilities are strictly tracked, remediated, and closed-looped in accordance with the Information Security Vulnerability Management Process. As of the reporting date, all vulnerabilities have been remediated and closed.

The Company also continuously monitors global data security and cybersecurity regulatory developments and advances related security governance work in line with business realities. Simultaneously, we establish information security requirements with software/hardware service providers involved in information security and incorporate information and privacy protection requirements into relevant business contracts, conducting regular supplier information and privacy security audits.

Focusing on International Regulatory Trends to Advance Cybersecurity Special Governance

In response to emerging cybersecurity regulatory requirements such as the EU Network and Information Systems Security Directive (NIS2) and the Cyber Resilience Act (CRA), the Company has established a routine tracking and response mechanism, systematically conducting compliance planning. NIS2 compliance work has been fully implemented, and Trinasolar Spain has successfully obtained ISO/IEC27001 certification; the CRA phased compliance roadmap is progressing as planned.

Information Security Technical Capability Building

The Company continues to strengthen its information security technical protection framework. During the Reporting Period, with a focus on data security, the Company advanced data security capability development, enhancing capabilities in sensitive data identification, classification and grading, and technical protection. This provides robust support for core data asset protection and data compliance management.

AI-Assisted Implementation of Data Security Technical Protection Measures

Based on the Data Classification and Grading Standard, the Company introduced AI technology to improve the accuracy and efficiency of sensitive information classification and grading, raising the automated classification accuracy rate for sensitive data to 87%. On this basis, the Company implemented data de-identification and encryption protection measures, controlling the additional performance overhead generated by these measures to within 5%.

Information Security Auditing

The Company has formulated a series of standardized documents—including the Information Security Management System and the Information Security Management Handbook, and conducts regular information security audits and technical validation of security implementation; the Information Security Department conducts at least one information security audit annually for units within the system scope, checking system effectiveness and implementing improvement measures.

The Company undergoes rigorous independent external audits, including but not limited to: ISO 27001 surveillance audits, ISO 37301 surveillance audits, U.S. IT audits, EU GDPR audits, and customer audits. All results confirm the continued effective operation of the information security management system.

The Information Security Department strictly oversees the Incident Classification and Grading Mechanism. We have issued guidelines such as the Information Security Incident Classification Guide and Incident Response Procedures, and established a dedicated Incident Response Team (IRT). Incidents are categorized based on three key criteria: information asset criticality, loss assessment, and scope of impact. We conduct targeted alert monitoring and response actions, and utilize internal audits to specifically validate the effectiveness of preventive controls for high-risk events.

As of the end of Reporting Period, the Company has recorded zero cybersecurity incidents in business interruption or data leakage, and has received no regulatory penalties.

Case: Special Internal Audit of Digital System Account Permissions

To ensure the effective operation of the information security management system, the Company, in accordance with the ISO/IEC 27001 Information Security Management System standard, incorporated information security auditing into the annual plan and completed the special implementation. The audit focused on core areas including system implementation, data security, access control, and physical security. All issues identified during the Reporting Period were rectified and closed on schedule.

Information Security Evaluation and Training Empowerment

Information Security Evaluation:

Trinasolar has formulated the Information Security Management System, the Employee Negligence and Violation Penalty Management Regulations, and other systems, linking information security management performance to departmental and employee performance evaluations; violations are subject to penalties including performance bonus deductions and disciplinary actions; employees who make outstanding contributions to information security, report related incidents, or assist in investigations are rewarded.

The Company has established an information security feedback channel (SRC@trinasolar.com) to enable employees and partners to promptly identify, report, and seek assistance for potential information security issues.

Information Security Training Mechanism:

The Company conducts information security awareness training for all employees, with differentiated content for directors and senior executives, information security key-position personnel, and all full-time employees, and updates training courses annually based on actual circumstances.

Routine Information Security Awareness Dissemination

Through emails and the digital WeChat official account, the Company pushed 9 awareness materials to all employees during the Reporting Period, organizing 8 information security training sessions, with an exam pass rate of 99.6%. Content covered internet safety, fraud prevention, confidentiality awareness, and industrial information security protection. Themes are closely aligned with current hot topics to ensure employees can promptly identify emerging risks.

Phishing Email Drills

The Company organizes company-wide phishing email drills annually, using practical exercises to enhance employees' ability to identify phishing emails and proactively report them. During the Reporting Period, the Information Security Department combined online classroom learning with drills, identified employees with weak security awareness, organized targeted offline training and re-examinations for them, and ultimately achieved zero re-occurrence among retested personnel.

Professional Technical Capability Training

The Company organizes digital personnel to participate in specialized information security training. The curriculum covers key topics including data compliance and security, information security risk assessment, and network security skills, with the objective of continuously improving the information security skills and compliance awareness of digital staff.

Privacy Protection

Trinasolar places high importance on the privacy protection of stakeholders, strictly complying with global privacy protection laws and regulations, and respecting and safeguarding the privacy rights of all parties.

To meet the requirements of different jurisdictions such as the European Union's General Data Protection Regulation (GDPR), the Company has refined its globally unified governance framework:

- At the Group level, a cross-departmental Data Compliance and Security Assessment Task Force has been designated to be responsible for privacy issues, including coordinating, assessing risks, and implementing measures, with important progress and risk matters reported to the GRC.
- The Company has statutorily appointed Data Protection Officers (DPOs) in relevant jurisdictions to serve as the primary contact for local regulators and ensure regulatory compliance.
- The Company actively consults external local experts to clarify regional compliance requirements and systematically identifies and manages privacy and personal information protection compliance risks.

The Company has formulated and implemented internal privacy protection systems, including the Cross-Border Data Compliance Management Policy and the Personal Information Protection Management Policy, clarifying the fundamental principles of personal information processing: openness, legality, legitimacy, and necessity. We reference the IEC/ISO 27701 Privacy Management System requirements to refine our privacy protection compliance management system, practicing the 7 core principles of personal information protection:

Principle of Consistency of Rights and Responsibilities

The Company assumes responsibility for any damage to personal information subjects' rights resulting from its personal information processing activities.

Principle of Clear Purpose

The Company processes personal information only for lawful, legitimate, necessary, and clearly defined purposes.

Principle of Informed Consent

Prior to collecting personal information, the Company clearly and understandably informs the data subject of the purpose, method, scope, and rules of processing. We commit that no data collection will be made unless the user has explicitly consented to such data collection.

Principle of Data Minimum

Unless otherwise agreed with the personal information subject or other legal bases exist, the Company processes only the minimum types and quantities of personal information required to fulfill the authorized purpose and deletes or anonymizes such information promptly upon achievement of the purpose.

Principle of Openness and Transparency

The Company publicly discloses, in a clear, understandable, and reasonable manner, the scope, purpose, and rules of personal information processing, and accepts internal and external supervision.

Principle of Ensuring Security

The Company establishes security capabilities commensurate with security risks, adopting sufficient management measures and technical means, to ensure confidentiality, integrity, and availability of personal information.

Principle of Subject Participation

The Company provides personal information subjects with feasible methods to access, correct their personal information, withdraw consent, and cancel accounts, enabling them to decide how private data is collected, used, retained and processed.

Privacy Policy

The Company publicly releases its Privacy Policy, applicable to entire operational businesses and supplier management. We inform customers, employees, and other stakeholders about the purposes, methods, and scope of collecting and using personal information in our products, services, and management; the rights of stakeholders regarding personal information; and the security protection measures the Company implements to safeguard information security. Simultaneously, the privacy policy system has been embedded into the Group's overall risk and compliance management system.

The Company strictly adheres to the principles of openness, legality, legitimacy, and necessity, ensuring legal authorization and consent are obtained prior to collecting personal information. Through web pages, mobile apps, social media, online meetings, and questionnaires, personal information subjects sign privacy policies or user agreements to grant authorization.

During the Reporting Period, the Company monitored the percentage of users whose customer data was used for secondary purposes, while it did not engage in any secondary use of customer information or privacy data.

Privacy Protection Training

The Company provides all employees with privacy protection-related policy training. For key positions, the Company conducted the specialized empowerment learning course "Trina Data Compliance and Security Management", with 1,366 employees participating.

Privacy Security Emergency Response

To strengthen the protection of personal information and privacy for global employees, the Company systematically conducted special work on overseas employee information protection, standardizing the management of authorization agreement signing for overseas employees, and conducting special risk assessments and management improvements for certain overseas subsidiaries.

During the Reporting Period, the Company did not experience any user data or privacy leakage incidents, nor did it receive any complaints related to customer data loss or privacy protection.

Privacy Protection Audit and Supervision

To continuously verify and enhance the effectiveness and compliance of the privacy protection management system, the Company conducts internal privacy protection audit reviews and accepts independent third-party (institutions and customers) audits of the privacy policy compliance. Audit scope comprehensively covers privacy protection, data security, physical security, and business continuity. During the Reporting Period, the Company underwent 9 customer (second party) audits, and 4 third-party institution audits on information security and privacy. All audits yielded no non-conformities.

The Company maintains a zero-tolerance stance toward violations of privacy and information protection regulations, imposing corresponding disciplinary actions in accordance with internal policies to rigorously safeguard the legitimate rights and interests of customers and employees.



Appendix Key Performance Indicators for Sustainable Development

Environmental Performance

Indicator		Unit	2025	2024	2023	2022
Operating Revenue		10,000 RMB	6,697,454.85	8,028,174.21	-	-
Total Investment in Energy Conservation and Environmental Protection		10,000 RMB	21,829.63	99,727.55	70,658.00	40,487.60
Direct Energy Consumption		tce	3,816.83	5,620.23	3,848.29	1,181.62
of which: Natural Gas		10,000 cubic meters	277.93	409.18	289.34	88.84
of which: Gasoline		liters	45,526.59	64,636.78	-	-
of which: Diesel		liters	58,359.61	88,870.35	-	-
Indirect Energy Consumption		tce	789,804.17	787,412.79	508,993.35	249,102.52
Total Energy Consumption		tce	793,621.00	793,033.02	512,841.64	250,284.14
of which: Renewable Energy Consumption		tce	100,164.84	121,744.98	97,417.08	-
of which: Non-renewable Energy Consumption		tce	693,456.16	671,288.04	415,424.56	250,284.14
Total Energy Consumption Intensity		tce / 10,000 RMB	0.12	0.10	-	-
Electricity Consumption		MWh	6,426,396.83	6,406,938.87	4,141,524.42	2,026,871.62
of which: Municipal Electricity Purchase		MWh	5,611,385.95	5,416,336.94	3,348,871.18	2,026,871.62
of which: On-site Renewable Electricity Generation		MWh	277,916.79	223,794.27	136,398.10	-
of which: Off-site Renewable Electricity Purchase		MWh	537,094.09	766,807.65	656,255.14	-
Electricity Consumption per Unit of Product	Cell	MWh/MW	52.65	58.97	-	-
	Module	MWh/MW	12.33	16.15	-	-
Comprehensive Energy Consumption per Unit of Product	Cell	tce / MW	6.47	7.30	6.25	5.14
	Module	tce / MW	1.55	2.00	2.05	1.93
Total Water Withdrawal		10,000 tonnes	4,041.86	4,319.73	2,903.61	-
of which: Municipal Water Supply and Lake Water Raw Water Withdrawal		10,000 tonnes	3,564.45	4,029.45	2,709.38	-
of which: Alternative Water Source Withdrawal		10,000 tonnes	477.41	290.28	194.23	-

Indicator		Unit	2025	2024	2023	2022
Total Water Consumption		10,000 tonnes	992.11	1,139.01	1,177.42	-
Freshwater Consumption		10,000 tonnes	3,564.45	4,029.45	2,709.38	-
Water Resource Usage Intensity		10,000 tonnes / 10,000 RMB	0.00015	0.00014	-	-
Water Consumption per Unit of Product	Cell	tonnes / MW	86.53	119.40	149.94	-
	Module	tonnes / MW	13.55	27.41	47.14	-
Ultra-pure Water Usage		10,000 tonnes	1,712.41	1,927.32	-	-
Reclaimed Water Usage		10,000 tonnes	468.83	260.06	134.90	-
of which: On-site Reclaimed Water Usage		10,000 tonnes	462.05	257.24	134.90	-
of which: Other Reclaimed Water Usage		10,000 tonnes	6.78	2.82	-	-
Process Circulating Cooling Water (PCW) Circulation		10,000 tonnes	95,014.12	94,582.77	21,274.20	-
Share of Alternative Water Sources		%	11.81	6.72	6.69	-
Water Recycling Rate (Reuse & Circulation Utilization)		%	96.39	95.90	88.55	-
Operational Scope Emissions - Location-based		10,000 tonnes CO ₂ e	312.36	289.65	213.50	118.79
Operational Scope Emissions - Market-based		10,000 tonnes CO ₂ e	286.37	289.60	209.74	-
of which: Scope 1 Emissions		10,000 tonnes CO ₂ e	7.43	7.94	10.77	1.93
of which: Scope 2 Emissions - Location-based		10,000 tonnes CO ₂ e	304.93	281.71	202.73	116.86
of which: Scope 2 Emissions - Market-based		10,000 tonnes CO ₂ e	278.94	281.66	198.97	-
Scope 3 Emissions		10,000 tonnes CO ₂ e	2,397.86	2,276.94	2,143.84	1,594.79
of which: Scope 3 Upstream Emissions		10,000 tonnes CO ₂ e	2,312.10	-	-	-
of which: Scope 3 Downstream Emissions		10,000 tonnes CO ₂ e	85.76	-	-	-
Value Chain Emissions - Location-based		10,000 tonnes CO ₂ e	2,710.22	2,566.59	2,357.34	1,713.58
Value Chain Emissions - Market-based		10,000 tonnes CO ₂ e	2,684.23	2,566.54	2,353.58	-
GHG Emission Intensity of Cell Product		tCO ₂ e / MW	27.33	30.71	27.66	23.76
GHG Emission Intensity of Module Product		tCO ₂ e / MW	5.99	8.32	9.30	9.20
Investment in GHG Emission Reduction		10,000 RMB	3,330.01	-	-	-
GHG Emission Reduction		tonnes CO ₂ e	76,709.42	29,446.43	-	-
Perfluorocarbons (PFCs)		tonnes	0	0	0	0
Total Wastewater Discharge		10,000 tonnes	2,587.71	2,923.48	1,591.28	1,075.00
of which: Total Industrial Wastewater Discharge		10,000 tonnes	2,421.76	2,716.11	1,591.28	1,075.00
of which: Total Domestic Wastewater Discharge		10,000 tonnes	165.95	207.37	-	-

Indicator		Unit	2025	2024	2023	2022
Proportion of Wastewater Discharged after Treatment Meeting Standards		%	100.00	100.00	100.00	100.00
Total Chemical Oxygen Demand (COD) Emissions		tonnes	824.37	1,845.00	1,119.00	780.00
Total Ammonia Nitrogen Emissions		tonnes	229.75	198.00	125.00	133.00
Total Phosphorus Emissions		tonnes	11.32	6.00	5.00	-
Total Nitrogen Emissions		tonnes	571.66	589.09	-	-
Total Suspended Solids Emissions		tonnes	291.26	422.00	269.00	202.00
Total Waste Gas Emissions		100 million cubic meters	788.43	780.41	460.00	-
Total NO _x Emissions		tonnes	13.28	18.59	19.35	2.70
Total SO _x Emissions		tonnes	0	0.06	0.17	1.99
Fluorides Emissions		tonnes	24.24	-	-	-
Chlorides Emissions		tonnes	36.53	-	-	-
Ammonia Emissions		tonnes	142.31	-	-	-
Particulate Matter (PM) Emissions		tonnes	26.91	53.50	-	-
Volatile Organic Compounds (VOCs) Emissions		tonnes	137.84	154.65	-	-
Total Waste		tonnes	149,770.98	205,341.00	211,607.00	122,462.00
Non-hazardous Waste Generation		tonnes	145,466.50	199,192.00	201,864.00	118,783.00
Disposal by Treatment Method	Recycled	tonnes	139,785.22	190,295.00	190,634.00	113,114.00
	Landfilled	tonnes	0	1,186.00	5,550.00	279.00
	Incinerated	tonnes	5,681.28	7,711.00	5,680.00	-
	of which: incinerated with energy recovery	tonnes	2,916.67	-	-	-
Non-hazardous Waste Recycling Rate		%	98.10	95.53	94.44	95.23
Hazardous Waste Generation		tonnes	4,304.47	6,149.00	9,743.00	3,679.00
Hazardous Waste Transport and Disposal		tonnes	4,210.31	6,094.00	9,640.00	3,677.00
Hazardous Waste Disposed by Treatment Method	Landfilled	tonnes	286.44	-	-	-
	Incinerated	tonnes	1,186.44	-	-	-
	Of which: incinerated with energy recovery	tonnes	649.93	-	-	-
	of which: Incinerated without energy recovery	tonnes	536.51	-	-	-
	Other Disposal Methods	tonnes	2,737.42	-	-	-

Governance and Social Performance

Indicator	Unit	2025	2024	2023	2022	
Corporate Governance Performance						
Violations of Business Ethics (Illegal/Unethical Incidents)	cases	0	0	0	0	
Annual Audit Plan Achievement Rate	%	100	100	100	-	
Employees Receiving Anti-Bribery & Anti-Corruption Training	%	100	100	100	100	
Female Directors on Board	%	33.33	33.33	-	-	
Product & Service Performance						
Total R&D Investment	million RMB	4,078	5,558	5,530	-	
R&D Intensity (R&D / Revenue)	%	6.09	6.92	4.88	-	
Product Recalls Due to Safety & Health Reasons	cases	0	0	0	-	
Marketing Violations	cases	0	0	0	-	
Product Labeling Violations	cases	0	0	0	-	
Cumulative Patents & Software Copyrights	cases	4,309	2,966	1,582	-	
Cumulative Trademark Registrations	cases	1,078	827	771	-	
Employees & Community Performance						
Total Employees	people	24,840	29,975	43,031	23,077	
New Hires	people	4,963	7,604	27,810	-	
Internal Hires	people	938	306	-	-	
Foreign Employees (Non-Chinese Nationality)	people	1,434	2,164	3,429	2,592	
Top 3 Overseas Countries by Employee People	Vietnam	people	675	-	-	
	Spain	people	189	-	-	
	United States	people	95	-	-	
Employee Composition by Gender	Female Employees	people	6,471	8,136	11,215	6,954
	Male Employees	people	18,369	21,839	31,816	16,123
	Female Employee Ratio	%	26.05	27.14	26.06	30.13
	Male Employee Ratio	%	73.95	72.86	73.94	69.87

Indicator		Unit	2025	2024	2023	2022
Employee Composition by Age Group	Employees Aged 18-20	%	1.02	1.19	3.30	2.32
	Employees Aged 21-30	%	37.39	42.95	50.02	43.28
	Employees Aged 31-40	%	49.63	46.53	40.67	45.91
	Employees Aged 41-50	%	10.78	8.37	5.28	7.40
	Employees Aged ≥51	%	1.18	0.96	0.73	1.09
Employee Composition by Region	Employees in Mainland China	%	94.21	92.76	-	-
	Employees in Overseas & Hong Kong/Macao/Taiwan Regions	%	5.79	7.24	-	-
Employee Composition by Hierarchical Level	Senior Management	%	1.48	1.30	-	-
	Middle Management	%	8.00	7.46	-	-
	General Management	%	15.44	14.64	-	-
	Operational Staff	%	75.08	76.60	-	-
Ethnic Minority Employees	people	767	789	1,875	308	
Female Employees in Revenue-Generating Management Positions	%	21.13	21.54	-	-	
Female Employees in STEM Positions	%	30.28	18.91	-	-	
New Hires by Gender	Female	%	21.86	23.74	22.47	-
	Male	%	78.14	76.26	77.53	-
New Hires by Age Group	New Hires Aged 18-20	%	4.01	3.09	4.78	-
	New Hires Aged 21-30	%	48.66	51.49	57.06	-
	New Hires Aged 31-40	%	42.51	41.03	35.64	-
	New Hires Aged 41-50	%	4.55	3.90	2.36	-
	New Hires Aged ≥51	%	0.26	0.49	0.16	-
Voluntary Turnover Rate	%	18.87	16.59	17.00	-	
Voluntary Turnover Rate by Gender	Female	%	17.74	19.52	-	-
	Male	%	19.28	15.53	-	-
Voluntary Turnover Rate by Age Group	Employees Aged 18-20	%	10.15	1.35	-	-
	Employees Aged 21-30	%	23.78	16.88	-	-
	Employees Aged 31-40	%	16.28	17.65	-	-
	Employees Aged 41-50	%	13.35	14.81	-	-
	Employees Aged ≥51	%	7.57	3.66	-	-

Indicator		Unit	2025	2024	2023	2022
Social Insurance Coverage Rate		%	100	100	100	100
Collective Agreement Coverage Rate		%	100	100	100	-
Employee Training Coverage Rate		%	100	100	-	-
Annual Training Expenditure		10,000 RMB	558	1,213	-	-
Average Training Hours per Employee		hours	25.98	46.69	22.09	7.65
Average Training Hours by Hierarchical Level	Senior Management	hours	14.66	11.69	13.27	116.04
	Middle Management	hours	21.77	18.90	15.91	74.96
	General Management	hours	24.60	22.31	12.67	26.32
	Frontline/Operational Staff	hours	26.88	51.66	22.66	5.52
Average Training Hours by Gender	Male Employees	hours	25.83	45.85	22.35	7.59
	Female Employees	hours	26.39	49.03	21.39	7.81
Employees Receiving Regular Performance Appraisals		%	100	100	100	100
OHS (Occupational Health & Safety) Investment		10,000 RMB	7,425.27	9,064.08	6,762.95	4,975.86
Lost-Time Injury Rate (LTIR)		/	0.504	0.809	0.841	0.324
Investment in Philanthropy, Charity & Volunteer Activities		10,000 RMB	671.96	1,563.63	1,096.84	479.50
Total Investment in Rural Revitalization		10,000 RMB	416.00	1,317.27	-	-
Beneficiaries of Rural Revitalization Initiatives		people	3,845	-	-	-

Index Table of Self-regulatory Guidelines for Listed Companies on the Shanghai Stock Exchange

Dimension	Number	Topic	Article	Corresponding Page Number
Environmental	1	Climate change tackling	Article 21-28	Climate Change Response
	2	Pollutant discharge	Article 30	Hazardous Materials, Pollutants, and Waste Management
	3	Waste disposal	Article 31	Hazardous Materials, Pollutants, and Waste Management
	4	Ecosystem and biodiversity protection	Article 32	Ecosystem and Biodiversity Protection
	5	Environmental compliance management	Article 33	Environmental Compliance Management
	6	Energy usage	Article 35	Energy Management
	7	Usage of water resources	Article 36	Water Resource Management
	8	Circular economy	Article 37	Circular Economy
Social	9	Rural revitalization	Article 39	Rural Revitalization & Community Contribution
	10	Contributions to the society	Article 40	Rural Revitalization & Community Contribution
	11	Innovation-driven	Article 42	Innovation and Technological Leadership / Digital Transformation and Intelligent Manufacturing
	12	Ethics of science and technology	Article 43	Digital Transformation and Intelligent Manufacturing
	13	Supply chain security	Article 45	Sustainable Supply Chain
	14	Equal treatment to small and medium-sized enterprises	Article 46	Sustainable Supply Chain
	15	Safety and quality of products and services	Article 47	Product Safety and Quality / Customer Management
	16	Data security and customer privacy protection	Article 48	Information Security and Privacy Protection
Sustainability related governance	17	Employees	Article 50	Labor Management / Human Capital Development / Occupational Health & Safety / Compliance Management
	18	Due diligence	Article 52	Compliance Management / Stakeholder Engagement
	19	Communications with stakeholders	Article 53	Sustainability Management / Stakeholder Engagement
	20	Anti-commercial bribery and anti-corruption	Article 55	Compliance Management / Business Ethics / Sustainability Management
	21	Anti-unfair competition	Article 56	Compliance Management

GRI Index Table

Statement of use: Trinasolar has reported in accordance with the GRI Standards for the period from January 1, 2025 to December 31, 2025

GRI 1 used: GRI 1: Foundation 2021

Disclosure Issues/ Items	Chapter Index	Corresponding Page Number
GRI 2: General Disclosures		
2-1 Organization details	About the Report	P1
2-2 Entities included in the organization's sustainability report	About the Report	P1
2-3 Reporting Period, frequency, and contact point	About the Report	P1
2-5 External assurance	Third-party assurance report	P118-119
2-6 Activities, value chain, and other business relationships	Sustainable Supply Chain	P40-48
2-7 Employees	Labor Management / Human Capital Development Occupational Health & Safety / Compliance Management	P74-79/P80-84/ P85-88/P94-97
2-8 Workers who are not employees	Sustainable Supply Chain	P40-48
2-9 Governance structure and composition	Corporate Governance / Compliance Management	P91-93/P94-97
2-10 Nomination and selection of the highest governance body	Corporate Governance	P91-93
2-11 Chair of the highest governance body	Corporate Governance	P91-93
2-12 Role of the highest governance body in overseeing the management of impacts	Sustainability Management	P9-14
2-13 Delegation of responsibility for managing impacts	Sustainability Management	P9-14
2-14 Role of the highest governance body in sustainability reporting	Sustainability Management	P9-14
2-15 Conflict of interest	Sustainable Supply Chain / Compliance Management Business Ethics	P40-48/P94-97/P98-99
2-16 Communication of critical concerns	Sustainability Management	P9-14
2-17 Collective knowledge of the highest governance body	Sustainability Management	P9-14
2-18 Translation: Performance Evaluation of the Highest Governance Body	Sustainability Management	P9-14
2-19 Compensation policies	Corporate Governance	P91-93
2-20 Process to determine remuneration	Corporate Governance	P91-93
2-21 Annual Total Compensation Ratio		
2-22 Statement on sustainable development strategy	Sustainability Management	P9-14
2-23 Policy commitments	Business Ethics	P98-99

Disclosure Issues/ Items	Chapter Index	Corresponding Page Number
2-24 Embedding policy commitments		
2-25 Processes to remediate negative impacts	Sustainable Supply Chain / Labor Management	P40-48/P74-79
2-26 Mechanisms for seeking advice and raising concerns	Sustainability Management	P9-14
2-27 Compliance with laws and regulations	Refer to the respective topic sections in the report	
2-28 Membership associations	Green Product Full Lifecycle Management / Industry Collaboration and Development	P28-30/P49-50
2-29 Approach to stakeholder engagement	Sustainability Management / Stakeholder Engagement	P9-14
2-30 Collective bargaining agreements	Labor Management / Governance and Social Performance	P74-79/P107-109
GRI 3: Material Topics 2021		
3-1 Process to determine material topics	Sustainability Management	P9-14
3-2 List of material topics	Sustainability Management	P9-14
3-3 Management of material topics	Sustainability Management	P9-14
GRI 201 Economic Performance 2016		
201-1 Direct economic value generated and distributed		
201-2 Financial implications and other risks and opportunities due to climate change	Climate Change Response	P59-64
201-3 Defined benefit plan obligations and other retirement plans		
GRI 203 Indirect Economic Impacts 2016		
203-1 Infrastructure investments and services supported		
203-2 Significant indirect economic impacts	Innovation and Technological Leadership Digital Transformation and Intelligent Manufacturing	P16-23/P24-27
GRI 204 Procurement Practices 2016		
204-1 Proportion of spending on local suppliers	Sustainable Supply Chain	P40-48
GRI 205 Anti-corruption 2016		
205-1 Operations assessed for risks related to corruption		
205-2 Communication and training about anti-corruption policies and procedures	Compliance Management / Business Ethics / Sustainable Supply Chain	P94-97/P98-99/P40-48
205-3 Confirmed incidents of corruption and actions taken	Business Ethics	P98-99
GRI 206 Anti-competitive Behavior 2016		
206-1 Legal actions for anti-competitive behavior, anti trust, and monopoly practices	Compliance Management	P94-97

Disclosure Issues/ Items	Chapter Index	Corresponding Page Number
GRI 207 Tax 2019		
207-1 Approach to tax	Compliance Management	P94-97
207-2 Tax governance, control, and risk management	Compliance Management	P94-97
207-3 Stakeholder engagement and management of concerns related to tax	Compliance Management	P94-97
GRI 301 Materials 2016		
301-2 Recycled input materials used	Green Product Full Lifecycle Management	P28-30
301-3 Reclaimed products and their packaging materials	Green Product Full Lifecycle Management / Environmental Management	P28-30/P52-58
GRI 302 Energy 2016		
302-1 Energy consumption within the organization	Energy Management	P65-66
302-3 Energy intensity	Energy Management	P65-66
302-4 Reduction of energy consumption	Energy Management	P65-66
302-5 Reductions in energy requirements of products and services	Energy Management	P65-66
GRI 303 Water and Effluents 2018		
303-1 Interactions with water as a shared resource		
303-2 Management of water discharge-related impacts	Environmental Management	P52-58
303-3 Water withdrawal	Water Stewardship	P67-70
303-4 Water discharge	Environmental Management	P52-58
303-5 Water consumption	Water Stewardship	P67-70
GRI 304 Biodiversity 2016		
304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Ecosystem and Biodiversity Protection	P71-72
304-2 Significant impacts of activities, products, and services on biodiversity	Ecosystem and Biodiversity Protection	P71-72
304-3 Habitats protected or restored	Ecosystem and Biodiversity Protection	P71-72
GRI 305 Emissions 2016		
305-1 Direct (Scope 1) GHG emissions	Climate Change Response	P59-64
305-2 Energy indirect (Scope 2) Greenhouse Gas Emissions	Climate Change Response	P59-64
305-3 Other Indirect (Scope 3) GHG emissions	Climate Change Response	P59-64
305-4 GHG emissions intensity	Climate Change Response	P59-64
305-5 Reduction of GHG emissions	Climate Change Response	P59-64

Disclosure Issues/ Items	Chapter Index	Corresponding Page Number
305-6 Ozone Depleting Substances (ODs) Emissions	Environmental Management	P52-58
305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and Other significant air emissions	Environmental Management	P52-58
GRI 306 Waste 2020		
306-1 Waste generation and significant waste-related impacts	Environmental Management	P52-58
306-2 Management of significant waste-related impacts	Environmental Management	P52-58
306-3 Waste generated	Environmental Management	P52-58
306-4 Waste diverted from disposal	Environmental Management	P52-58
306-5 Waste directed to disposal	Environmental Management	P52-58
GRI 308 Supplier Environmental Assessment 2016		
308-1 New suppliers that were screened using environmental criteria	Sustainable Supply Chain	P40-48
308-2 Negative environmental impacts in the supply chain and actions taken	Sustainable Supply Chain	P40-48
GRI 401 Employment 2016		
401-1 New employee hires and employee turnover	Governance and Social Performance	P107-109
401-2 Benefits provided to full-time employees that are not provided to temporary or part-time Employees	Labor Management	P74-79
401-3 Parental leave	Labor Management	P74-79
GRI 403 Occupational Health and Safety 2018		
403-1 Occupational health and safety management system	Occupational Health & Safety	P85-88
403-2 Hazard identification, risk assessment, and incident investigation	Occupational Health & Safety	P85-88
403-3 Occupational health services	Occupational Health & Safety	P85-88
403-4 Worker participation, consultation, and communication on occupational health and safety	Occupational Health & Safety	P85-88
403-5 Worker training on occupational health and safety	Occupational Health & Safety	P85-88
403-6 Promotion of worker health	Occupational Health & Safety / Labor Management	P85-88/P74-79
403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships		
403-8 Workers covered by an occupational health and safety management system	Occupational Health & Safety	P85-88
403-9 Work-related injuries	Occupational Health & Safety	P85-88
403-10 Work-related ill health	Occupational Health & Safety	P85-88
GRI 404 Training and Education 2016		
404-1 Average hours of training per year per employee	Governance and Social Performance	P107-109
404-2 Programs for upgrading employee skills and transition assistance programs	Human Capital Development	P80-84

Disclosure Issues/ Items	Chapter Index	Corresponding Page Number
404-3 Percentage of employees receiving regular performance and career development reviews	Labor Management	P74-79
GRI 405 Diversity and Equal Opportunity 2016		
405-1 Diversity of governance bodies and employees	Labor Management / Corporate Governance	P74-79 / P91-93
405-2 Female to Male Base Pay and Compensation Ratio	Labor Management	P74-79
GRI 406 Non-discrimination 2016		
406-1 Incidents of discrimination and corrective actions taken	No such incidents occurred during the Reporting Period	
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	Sustainable Supply Chain	P40-48
GRI 408 Child Labor 2016		
408-1 Operations and suppliers at significant risk for incidents of child labor	No such incidents occurred during the Reporting Period	
GRI 409 Forced or Compulsory Labor 2016		
409-1 Operations and suppliers with significant risk for incidents of forced or compulsory labor	No such incidents occurred during the Reporting Period	
GRI 413 Local Communities 2016		
413-1 Operations with local community engagement, impact assessment, and development programs	No such incidents occurred during the Reporting Period	
GRI 414 Supplier Social Assessment 2016		
414-1 New suppliers that were screened using social criteria	Sustainable Supply Chain	P40-48
414-2 Negative social impacts in the supply chain and actions taken	No such incidents occurred during the Reporting Period	
GRI 416 Customer Health and Safety 2016		
416-1 Assessment of health and safety impacts of product and service categories	Product Safety and Quality / Customer Management	P32-37 / P38-39
416-2 Incidents of non-compliance concerning the health and safety impacts of products and services	No such incidents occurred during the Reporting Period	
GRI 417 Marketing and Labeling 2016		
417-1 Requirements for product and service information and labeling	Product Safety and Quality / Customer Management	P32-37 / P38-39
417-2 Incidents of non-compliance concerning product and service information and labeling	No such incidents occurred during the Reporting Period	
417-3 Incidents of non-compliance concerning marketing	No such incidents occurred during the Reporting Period	
GRI 418 Customer Privacy 2016		
418-1 complaints concerning breaches of customer privacy and losses of customer data	No such incidents occurred during the Reporting Period	

List of Report Designations

To facilitate expression and readability, in this report, "Trinasolar", "Group", "Company", and "We" refer to Trina Solar Co., Ltd. and its subsidiaries.

Full Company Name	Report Abbreviation	Relationship
Trina Solar Co., Ltd.	Trinasolar	Group Headquarters
Trina Solar (Deyang) Polysilicon Co., Ltd.	Deyang Polysilicon	Wholly-owned Subsidiary
Trina Solar (Deyang) New Materials Co., Ltd.	Deyang New Materials	Wholly-owned Subsidiary
Trina Solar (Yancheng Dafeng) Co., Ltd.	Yancheng Dafeng	Wholly-owned Subsidiary
Trina Solar (Yancheng) New Energy Co. Ltd.	Yancheng module	Wholly-owned Subsidiary
Trina Solar (Dongtai) Technology Co., Ltd.	Dongtai Technology / Dongtai module	Wholly-owned Subsidiary
Trina Solar (Suqian) Optoelectronics Co., Ltd.	Suqian Optoelectronics	Wholly-owned Subsidiary
Trina Solar (Vietnam) Polysilicon Co., Ltd.	Vietnam Polysilicon	Wholly-owned Subsidiary
Trina Vanguard PV Mounting (Jiangsu Changzhou) Co., Ltd	Trina Tracking	Wholly-owned Subsidiary
Trina Solar Yiwu Technology Co., Ltd.	Yiwu Technology / Yiwu module	Holding Subsidiary
Jiangsu Trina Storage Co., Ltd.	Trina Storage	Holding Subsidiary
Trina Storage Technology (Yancheng Dafeng) Co., Ltd.	Dafeng Storage	Holding Subsidiary
Trina Storage (Chuzhou) Co., Ltd.	Chuzhou Storage	Holding Subsidiary

Note: This table includes only company designations appearing in this report.

Certification Coverage

Dimension	Topic	System Name	Certification Coverage Scope
Environment	Innovation & R&D	Environmental Product Declaration (EPD) Certification	Photovoltaic Modules (6 models), Energy Storage Systems (Liquid-cooled Battery Containers)
		France Carbon Footprint Certification	Photovoltaic Modules (2 models)
		ISO 14067 Product Carbon Footprint Certification	Photovoltaic Modules (2 models), Mounting System (3 models)
		UL PCF Product Carbon Footprint	Energy Storage Solutions
		CGC, TÜV SÜD, UL, CQC Witnessing Laboratory Qualifications	Trina Storage Laboratory
Environmental Management	ISO 14001 Environmental Management System Certification	100% of the Company's Stably Operating Bases	
Social	Product Quality & Safety	ISO 9001 Quality Management System Certification	100% of Company and Operational Bases
		IEC TS 62941 Photovoltaic Module Manufacturing Quality Management System	83% of Stable Production Bases
		IEC 61215 Terrestrial Photovoltaic (PV) Modules Certification	Full Product Portfolio
		IEC 61730 PV Modules Electrical Safety and Fire Protection Certification	Full Product Portfolio
		GB 44240-2024 Mandatory National Standard for Lithium Batteries for Energy Storage	Lithium Batteries for Energy Storage
		IEC 62817 Tracking Mount Certification	Vanguard 1P G2
		RED 2014/53/EU EU Radio Equipment Directive Certification	Controller Products
		New Zealand RSM Certification	Controller Products
Occupational Health & Safety	ISO 45001 Occupational Health and Safety Management System Certification	100% of Company Stable Production Bases	
Governance	Sustainability Management	SSI ESG Silver Certification	Yiwu module, Dongtai module, Yancheng module Bases
		SSI Supply Chain Traceability Certification	Yiwu module, Dongtai module, Yancheng module Bases
	Compliance and Risk Management	ISO 37301 Compliance Management System Certification	Group Headquarters and Major Subsidiaries
	Anti-corruption & Business Ethics	ISO 37001 Anti-bribery Compliance Management System	Group Headquarters and Major Subsidiaries
		ISO 27001 Information Security Management System Certification	Group Headquarters
	Information Security & Privacy Protection	Jiangsu Province Industrial Information Security Protection Four-Star Enterprise Assessment	Group Headquarters
ISO/IEC 27001 Certification		Trina Solar Spain Company	

Third-party Assurance Report

ATTESTATION

ATTESTATO

ATTESTACIÓN

BESCHEINIGUNG

ATTESTATION

Independent Verification Statement

Verification Statement: EIV2 070321 0180 Rev.00

To the management and stakeholders of Trinasolar Co., Ltd.,

TÜV SÜD Certification and Testing (China) Co., Ltd. (hereinafter referred to as "TÜV SÜD") has been engaged by Trinasolar Co., Ltd. (hereinafter referred to as "Trinasolar" or "the Company") to perform an independent third-party verification on its 2025 Sustainability Report (hereinafter referred to as "the Report"). During this verification, TÜV SÜD's verification team strictly abided by the contract signed with Trinasolar and provided verification regarding the Report in accordance with the provisions agreed by both parties and within the authorized scope stipulated in the contract.

This Independent Verification Statement is based on all the data and information collected by Trinasolar and provided to TÜV SÜD. The scope of verification is limited to the given data and information. Trinasolar shall be held accountable for the authenticity and completeness of the provided data and information (contains assumptions, projections, and/or historical facts).

Scope of Verification

Time frame of this verification:

The Report contains the data disclosed by Trinasolar during the reporting period from 01/01/2025 to 31/12/2025 including environmental, social and governance data and information, methods for management of material issues, actions/measures and the Company's sustainability performance during the reporting period.

Physical boundary of this verification:

The on-site verification sampling took place at below listed location:
Trinasolar headquarters, No.2 Tianhe Road, Trina PV Industrial Park, Xinbei district, Changzhou city, Jiangsu, China.

Scope of data and information for the verification:

- The scope of verification is limited to the data and information of Trinasolar and all companies under its operational control covered by the Report.
- The preparation basis of the Report: Prepared in accordance with the Self-Regulatory Guidelines No. 14 for Companies Listed on Shanghai Stock Exchange—Sustainability Report (Trial), SSE Self-Regulatory Guide No. 4 - Preparation of Sustainability Reports, SSE STAR Market Self-Regulatory Guide No. 13 - Preparation of Sustainability Reports, and with reference to:

The GRI Sustainability Reporting Standards (GRI Standards) issued by the Global Reporting Initiative
The IFRS S2: Climate-related Disclosures issued by the International Sustainability Standards Board (ISSB).

The following data and information are beyond the scope of this verification:

- Any relevant data and information beyond the reporting period;
- The data and information of Trinasolar's suppliers, partners and other third parties; and
- The financial data and information disclosed in the Report that have been audited by an independent third party are not verified again herein.

Limitations

- The verification process is conducted in the above scope. Sampling and verification are adopted for the data and information in the Report by TÜV SÜD, and only the stakeholders within the Company are interviewed; and
- The Company's standpoint, opinions, forward-looking statements and predictive information as well as the historical data and information before 01/01/2025 are beyond the scope of this verification.
- The verification conclusions are based on the analysis of the data and information collected by TÜV SÜD and may not identify all problems and conditions, nor constitute any guarantee of the credibility or status of the subject of verification.

Verification Methodology

This verification process was conducted by TÜV SÜD's expert team with extensive experience in environmental, social and governance and other relevant areas and drew the conclusions thereof. The verification conforms to the following requirements:

- International Standard on Assurance Engagements (ISAE) 3000 (Revised), Assurance Engagements Other than Audits or Reviews of Historical Financial Information, Limited Assurance
 - Sustainability Report Verification Operation Rule (CCB_EIV_GR_002E Rev04)
- In order to perform adequate verification in accordance with the contract and relevant assurance standards, and provide reliable verification for the conclusions, the verification team conducted the following activities:
- Preliminary investigation of the relevant information before on-site verification;
 - Confirmation of the presence of the topics with high level of materiality and performance in the Report;
 - On-site verification review of all supporting documents, data and other information provided by Trinasolar; tracing and verification of key performance information;
 - Special interview with the representative of Trinasolar's management; and held interviews with the employees related to collection, compilation and reporting of the disclosed information; and
 - Other procedures deemed necessary by the verification team.





Verification Conclusions

According to the verification, we believe that the data and information presented in Trinasolar's report are objective, factual and reliable, without systematic problems.

The verification team has drawn the following conclusions on this Report :

Inclusivity

Trinasolar has identified the internal and external stakeholders, such as Customers, Shareholders and Investors, Governments and Regulatory Authorities, Employees, etc., and established a stakeholder communication mechanism to collect the demands of stakeholders on a regular basis.

Materiality

Trinasolar has established the identification and prioritization process of material topics determination, identified and assessed the priority of the sustainability topics which are highly related to the industry, and disclosed the governance structure, management approach as well as sustainability performance in corporate operation, therefore the Report's adherence to materiality principle is guaranteed.

Responsiveness

Trinasolar has disclosed the management approach and performance of high material topics that stakeholders concern, such as Climate Action, Responsible Supply Chain, Product Safety and Quality, etc., and has established a communication mechanism, to fully respond to the demands and expectations of stakeholders.

Impact

Trinasolar has established Strategy and Sustainability Committee to monitor and guide the Company's efforts in the areas of environmental, social and governance. The Company has implemented a process of material topics impact assessment, based on a comprehensive and balanced understanding, measuring the impact on stakeholders and the organization itself, and disclosing the relevant impact.

Recommendations on Continuous Improvement

The verification team has passed the improvement proposal to the management of Trinasolar during the on-site verification process.

Statement on Independence and Verification Capability

TÜV SÜD is a trusted partner of choice for safety, security and sustainability solutions. It specializes in testing, certification, auditing and advisory services. Since 1866, the company has remained committed to its purpose of enabling progress by protecting people, the environment and assets from technology-related risks. Today, TÜV SÜD is present

in over 1,000 locations worldwide with its headquarters in Munich, Germany. Through expert teams represented by more than 28,000 employees, it adds value to customers and partners by enabling market access and managing risks. By anticipating technological developments and facilitating change, TÜV SÜD inspires trust in a physical and digital world to create a safer and more sustainable future.

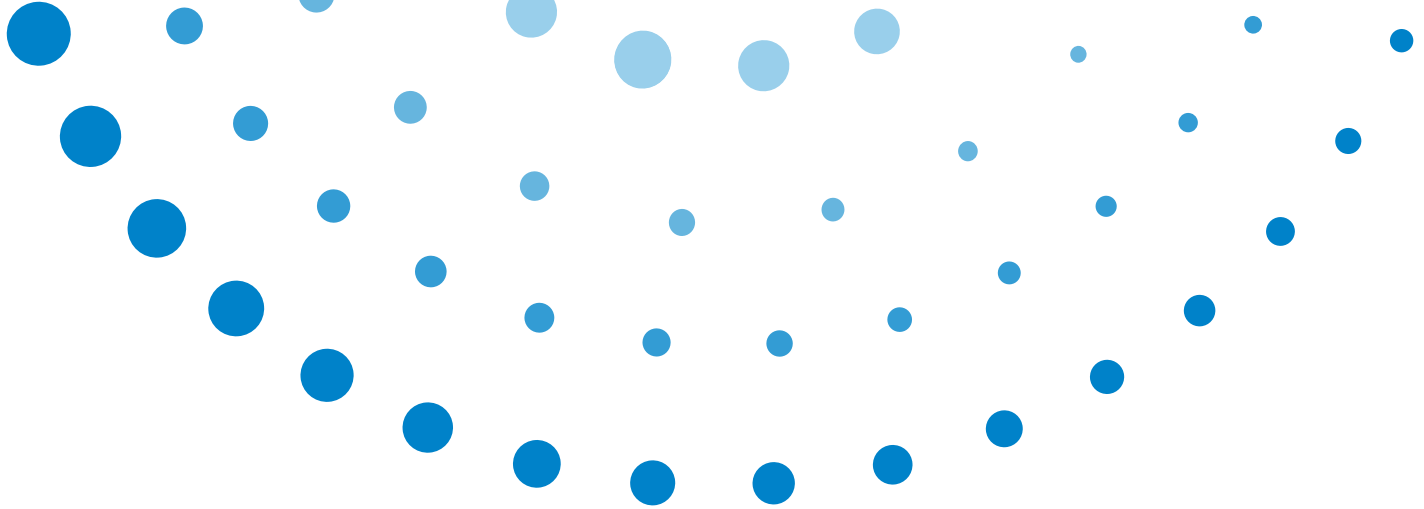
TÜV SÜD Certification and Testing (China) Co., Ltd is one of TÜV SÜD's global branches and has an expert team whose members have professional background and rich industrial experiences.

TÜV SÜD and TrinaSolar are two entities independent of each other and both TÜV SÜD and Trinasolar and their branches or stakeholders have no conflict of interest. No member of the verification team has business relationship with the Company. The verification is completely neutral. All the data and information in the Report are provided by Trinasolar. TÜV SÜD has not been involved in preparation and drafting of the Report, except for the verification itself and issuance of this Independent Verification Statement.

Signature:
On Behalf of TÜV SÜD Certification and Testing (China) Co., Ltd.

Wenjun Zhu
TÜV SÜD Certification and Testing (China) Co., Ltd. Technical Certifier
Shanghai, China, 21/04/2026

Note: In case of any inconsistency or discrepancy, the simplified Chinese version "Independent Verification Statement" of this verification statement shall prevail, while the English translation is used for reference only.



Trina Solar Co., Ltd

No.2 Tianhe Road, Trina PV Industrial Park, Xinbei District, Jiangsu, China

<https://www.trinasolar.com/>

Trinasolar reserves the right of final interpretation of the Report.