

2025

Sustainability Report

CONTENTS

Front Matter

About this Report	001
Opening Message	002
About LONGi	004
LONGi's Rural Revitalization Practices	006

Appendix

ESG Performance Summary	155
ESG—Related Certifications	164
Sustainable Development Goals and Progress Tracking	165
Application of Reporting Standard	169
Index of Indicators	171
Designation References in the Report	183
Third Party Assurance Report	184
Corporate Policy and Documents	185

Reading Guide

- Go to [LONGi's "Sustainable Development" section](#)
- Go to [LONGi's ESG Thematic Report](#)
- Go to [LONGi's ESG Policies & Certificate](#)

1 Our Approach to Sustainability

Corporate Governance	011	Sustainability Management	025
Business Ethics	013	Stakeholder Management	027
Compliance and Risk Management	020	Materiality Assessment	031
Emergency Management and Business Continuity	024		

2 INNOVATIVE LONGi Defining the Industry Future

Innovation-driven and Intelligent Manufacturing	038
Product Quality and Safety	049

3 GREEN LONGi Powering the Energy Pulse

Climate Change and Clean Technology R&D	059
Energy	073
Water and Effluents	078
Pollution	083
Waste	085
Resource Use and Circular Economy	088
Biodiversity and Ecosystems	091

4 HARMONIOUS LONGi Fostering a Society with Belonging

Labour Rights	097
Occupational Health and Safety	103
Human Capital Development	108
Social Contribution	119

5 TRUSTWORTHY LONGi Strengthening Value Chain Resilience

Sustainable Supply Chain	124
Data Security and Privacy Protection	147
Customer Relationship Management	151

About This Report



Report Introduction

This is the ninth Sustainability Report/Corporate Social Responsibility (CSR) Report issued by LONGi since 2018. This Report was published on April 28 2026, following its review and approval by the Company's Board of Directors. The Reporting Period for all data and information contained herein is from January 1 2025 to December 31 2025, consistent with the 2025 annual report. To ensure stakeholders have full access to material information, certain supplementary information relevant to the topics of this Report that occurred prior to its publication date has also been disclosed. Subsequent events occurring after the 2025 Reporting Period are clearly marked in the main text.



Reporting Scope

The organizational scope of this Report covers LONGi's operating and holding companies within the People's Republic of China and is consistent with the scope of the annual report. Any discrepancies between the scope of specific data and the overall reporting scope are noted in the main text.



Data Description and Assurance

The data used in this Report is sourced from LONGi's internal statistics, public reports and coverage, and publicly available data from third-party surveys or interviews, government agencies, departments, and professional institutions. This Report has been reviewed and approved by the Board of Directors of LONGi Green Energy Technology Co., Ltd. To ensure the authenticity and reliability of this Report, it has been submitted to SGS-CSTC Standards Technical Services Co., Ltd. for independent third-party limited assurance verification of all indicators in accordance with the ISAE 3000 assurance standard.



Note on Terms

For ease of expression and readability, "LONGi Green Energy Technology Co., Ltd." is referred to as "LONGi Green Energy" in this Report; "LONGi Green Energy Technology Co., Ltd." and its subsidiaries are referred to as "LONGi", "the Company", "the Group", or "we". For terms referring to specific subsidiaries and holding companies of LONGi, please consult the appendix of this Report.



Reporting References

LONGi conducts its sustainability disclosure work with reference to the following standards. For details on the application of each standard, please refer to the "Application of Reporting Standards" section in the appendix.

- The Shanghai Stock Exchange's *Guideline No. 14 For the Self-Regulation of Listed Companies — Sustainability Reports (Trial)*
- The *Sustainability Reporting Standards (GRI Standards)* issued by the Global Sustainability Standards Board (GSSB)
- The *Solar Technology & Project Developers Industry Standard* issued by the Sustainability Accounting Standards Board (SASB)
- The *Corporate Sustainability Disclosure Standard – Basic Standard (Trial)* and *Corporate Sustainability Disclosure Standard No. 1 – Climate-related Disclosures (Trial)* issued by the Ministry of Finance of the People's Republic of China
- *IFRS S1 General Requirements for Disclosure of Sustainability-related Financial Information* and *IFRS S2 Climate-related Disclosures* by the International Sustainability Standards Board (ISSB)



Disclaimer

This Report strictly adheres to the laws, regulations, and sustainability practices of the locations where LONGi operates. The content of this Report is intended to disclose the Company's performance in environmental, social, and governance aspects during the year, and all included information and data are for reference only. Readers should research and evaluate the information contained herein and consult with appropriate professionals before making any decisions. LONGi assumes no responsibility for any direct or indirect losses arising from the use of information in this Report for purposes other than those stated above.



Report Access and Feedback

This Report is available for public download on the official LONGi website. It is published in both Simplified Chinese and English. In case of any discrepancy between the two versions, the Simplified Chinese version shall prevail. The Company's historical sustainability information and data can be viewed and downloaded from the following sources. If you have any questions or suggestions regarding this Report, please contact us at ESG@longi.com.



Company Website



Shanghai Stock Exchange
Website



Climate Action White Paper



Nature-Related Financial
Information Disclosure Report

Message from the Chairman



Zhong Baoshen, Chairman and General Manager
of LONGi Green Energy Technology Co., Ltd.

Dear Global Stakeholders,

Today's world is undergoing profound transformation, with geopolitical factors, energy security, and climate challenges becoming increasingly intertwined. Against this backdrop, the global energy transition is moving forward with growing determination and has reached a historic turning point: in the first half of 2025, renewable energy surpassed coal for the first time to become the world's largest source of electricity¹. At the same time, the rapid rise of artificial intelligence is driving energy systems toward a smarter, more efficient, and cleaner future.

As an active participant in this transformation, LONGi has always remained committed to its mission of "To make the best of solar energy to build a green world". Over the past decade, LONGi has ranked first globally in cumulative shipments of monocrystalline silicon wafers. Over the past seven years, the Company has consistently ranked among the world's top two in PV module shipments. These achievements would not have been possible without the trust and support of every partner. On behalf of LONGi, I would like to extend my sincere gratitude to all those who have worked alongside us on this journey.

On the release of our 2025 Sustainability Report, I would like to share LONGi's rethinking and renewed commitment to sustainable development for the future.

Perseverance: growing with the industry, driving high-quality development through technology

Global newly installed PV capacity increased from 130 GW in 2020 to 580 GW AC in 2025. LONGi's development has always advanced in step with the global PV industry. From its firm commitment to monocrystalline technology to the widespread adoption of diamond wire cutting, and from continuously pushing the efficiency limits of PERC technology to systematically leading the development of BC technology, we have always believed that genuine industry progress comes from long-term commitment to doing what is difficult but right.

2025 was a pivotal year in which LONGi's technological achievements emerged at scale. The high-efficiency, stable, flexible perovskite-crystalline silicon tandem solar cell technology jointly developed by LONGi and Soochow University was recognized as one of the *Top 10 Scientific Advances in China in 2025*. Based on this technology, the ultra-thin flexible tandem cell, approximately 60 micrometers thick, was certified by the U.S. National Renewable Energy Laboratory with an efficiency of 33.4% at laboratory scale, and an efficiency of 29.8% at full-wafer scale, both setting world records for this type of device. In the 67th edition of the *Solar Cell Efficiency Tables*, led by Professor Martin Green, widely known as the "father of modern photovoltaics," which summarizes the world's highest third-party independently certified efficiencies as of the end of 2025, LONGi achieved overall leadership with 10 records across technologies ranging from heterojunction to BC, from cells to modules, and from single-junction crystalline silicon to crystalline silicon-perovskite tandem technologies.

The foundation of these achievements lies in LONGi's unwavering commitment to technological innovation and its deep respect for the underlying dynamics of the industry. We firmly believe that only by driving high-quality industry development through technological progress can we truly fulfill the mission entrusted to green energy by our times.

Reshaping the future: building a value network for zero-carbon energy through integrated innovation in solar, energy storage, and hydrogen

As installed PV capacity expands rapidly, new systemic challenges have emerged. By 2030, global newly installed

PV capacity is expected to exceed 4,600 GW². However, under high penetration rates, the tension between midday solar curtailment and nighttime power supply is becoming increasingly prominent, and the "duck curve" issue is becoming more acute. We are clearly aware that a single PV power generation model can no longer support the stable operation of energy systems.

In response, LONGi's answer is to move beyond PV and build a resilient zero-carbon energy system through the diversified coordination of "PV + energy storage + hydrogen." In this system, PV serves as the foundation, energy storage addresses the time mismatch between power supply and demand, and hydrogen opens up decarbonization pathways for non-electric sectors.

As energy storage technologies mature and hydrogen complements spatial and seasonal balancing capabilities, LONGi is committed to upgrading PV from the most economical power source to a more stable form of power supply. LONGi's vision is to build a deeply integrated green energy ecosystem. Through the organic coordination of green power, energy storage systems, and green hydrogen production, zero-carbon energy can become not only economically efficient, but also safe, stable, inclusive, and accessible.

Looking ahead: forging a sustainable organization and future with customers at the center

The sustainability of an enterprise ultimately depends on its ability to continuously create value for customers. Being "customer-centered" is by no means a slogan, but the compass that guides all of LONGi's strategic alignment. Today, customers need more than high-efficiency modules. They need green energy solutions that cover the full lifecycle and are safe, reliable, and easy to use. To this end, our innovation has been clearly focused on two equally important directions: first, continuing to advance core technologies such as PV, energy storage, and hydrogen; and second, going deeper into application scenarios to drive coordinated innovation in products and services around real needs.

The key to this strategic transformation lies in people. In 2025, we launched a new round of organizational capability building, focusing on developing "T-shaped talent" with professional depth in fields such as PV, energy storage, and energy interconnection, as well as

the breadth to serve across scenarios and industries. At the same time, through mechanisms such as the "Spark Program" and reverse mentoring, we continued to stimulate internal vitality and drive the ongoing evolution of the organization.

The resilience that enables us to navigate industry cycles is rooted in two foundations to which we have always remained committed: financial health and technological innovation. In the face of deep industry involution and severe competition, LONGi has chosen not to engage in irrational price competition, while maintaining a sound financial position and debt structure. This ensures that, under any market conditions, we can continue to invest firmly in R&D and future-oriented development.

Today, 730 million people worldwide still live without access to electricity, and the journey of industrial decarbonization has only just begun. This is both a challenge and the very purpose of LONGi's existence. Looking ahead, LONGi's mission is becoming increasingly clear: to make green energy not only "affordable," but also accessible, convenient, and easy to use. From household systems on rural rooftops and micro solar-plus-storage devices on urban balconies, to integrated energy solutions for zero-carbon industrial parks, we are committed to enabling users to access green power with convenience and confidence.

LONGi will continue to navigate cycles with long-term commitment, build collective strength through an open ecosystem, and illuminate the path ahead through technological innovation. We understand that true sustainability is never achieved by advancing alone, but by moving forward together. Only by staying the course and progressing in collaboration even in midstream — at the most turbulent and uncertain point of the river — can we enable green energy to shine across the earth like sunlight and benefit every corner of the world.

Only by creating value for others can we go further; only by moving forward together can we reach a zero-carbon world illuminated by sunlight and shared by all.

1. Ember, *Global Electricity Mid-Year Insights 2025*, <https://ember-energy.org/latest-insights/global-electricity-mid-year-insights-2025/>

2. IEA, *Renewables 2025: Analysis and forecasts to 2030*, <https://iea.blob.core.windows.net/assets/76ad6eac-2aa6-4c55-9a55-b8dc0dba9f9e/Renewables2025.pdf>

Message from the Chief Sustainability Officer



As the global energy transition continues to advance in depth and climate change challenges become increasingly severe, LONGi has developed its LIGHT sustainability philosophy around five core pillars: Leadership, Innovation, Green, Harmony, and Trust. In response to the United Nations 2030 Sustainable Development Goals, the Company puts this philosophy into practice across five dimensions: governance leadership, technological innovation, low-carbon practices, social responsibility, and mutual trust across the value chain, and we are committed to achieving the goal of “Affordable for all”. In 2025, we continued to deepen our sustainability and ESG practices, actively fulfilled our corporate social responsibility, led the low-carbon transformation of the industry, and steadily achieved multiple sustainable development goals.

“Lead” is the governance foundation for LONGi’s sustainable development.

We deeply integrate sustainability into the full process of strategy and operations, establishing a governance structure with clearly defined responsibilities and authorities. We have also built a risk management framework based on the “Three Lines of Defense” model, and incorporated emergency management and business continuity management into the risk management system. Under the guidance of the Strategy and Sustainability Committee of the Board of Directors, LONGi has established a sustainability governance system. Through differentiated stakeholder engagement and double materiality assessment, the Company

promotes the transformation of sustainability into a driver of long-term corporate value creation. In 2025, the Company obtained ISO 37301 compliance management system certification and ISO 37001 anti-bribery management system certification. During the year, LONGi achieved 100% business ethics training coverage, and handled 100% of business ethics reports. The Company had no major risk events related to information disclosure violations, fraud and corruption, unfair competition, information security, or privacy breaches, safeguarding sustainable development with solid governance and compliance capabilities.

“Innovation” is the development engine that drives LONGi’s industrial upgrading.

As a technology pioneer in the clean energy sector, we consistently drive value enhancement across the entire value chain through innovation. In 2025, the Company achieved multiple breakthroughs in key technology areas such as silicon wafers, cells, and green hydrogen. Its R&D investment totaled RMB 4.299 billion, with 245 new granted invention patents, and the Company deeply participated in the formulation and revision of 97 external technical standards, building a solid technological moat. In terms of product quality and safety, the Company had no major product safety incidents or administrative penalties during the year, creating sustainable value for customers through the joint drive of innovation and quality.

“Green” is the defining foundation of LONGi’s low-carbon manufacturing practices.

As a creator of clean energy, we embed environmental responsibility into operations and development across the entire value chain. In 2025, renewable electricity accounted for 52.4% of the Company’s total electricity consumption, equivalent to avoiding 3.1175 million tonnes of indirect CO₂ emissions, while Scope 1 and Scope 2 carbon emissions decreased by 7.9% compared with 2024. During the year, the Company invested over RMB 278 million in environmental protection, and 100% of its production bases obtained ISO 14001 environmental management system certification. A total of 13 production bases were recognized as national, provincial, or municipal green factories, and two bases obtained “zero-waste factory” certification. The Company had no environmental violations or administrative penalties. LONGi’s silicon wafer and module products obtained 64 carbon footprint certificates worldwide, covering France, Sweden, and the

international EPD system. Its core products also obtained the first CGC product carbon footprint certificate under China’s industry standard for product carbon footprints, setting an industry benchmark through comprehensive green practices.

“Harmony” is the value foundation through which LONGi fulfills its social responsibilities.

LONGi remains committed to respect for people and social responsibility, promoting coordinated progress among the Company, employees, and society. In 2025, the Company had no human rights violations such as child labour or forced labour. Its occupational health and safety management system covered all employees, 100% of its production bases obtained ISO 45001 certification, and the rectification rate of safety hazards reached 99.62%. Employee rights and interests were comprehensively protected, with both social security coverage and collective agreement signing rate reaching 100%. The Company also steadily advanced social contribution initiatives, with external public welfare donations totaling RMB 14.1617 million and public welfare investment in rural revitalization reaching RMB 69.1794 million, building an inclusive and harmonious sustainable ecosystem through concrete actions.

“Trust” is the solid bond through which LONGi connects the value chain.

As an industry benchmark, LONGi builds a strong foundation of trust across the entire value chain through sound governance. In 2025, the Company strengthened supply chain governance and worked with third-party institutions to conduct special ESG audits, completing on-site audits of 24 suppliers, with 100% of core polysilicon suppliers passing third-party audits. The Company promoted carbon verification among 97 supply chain enterprises, and 100% of key polysilicon suppliers obtained certifications such as the French carbon footprint certification, helping upstream partners enhance their carbon management capabilities. Data security management continued to improve, with IT infrastructure and information systems certified under both ISO/IEC 27001 and ISO/IEC 27701, and 100% of professional IT technical staff covered by information security training, further strengthening the Company’s information security defenses. Customer service quality also improved steadily, with no marketing violations during the year, enabling LONGi to earn the trust of all parties through professionalism and integrity.

In terms of ESG ratings, LONGi was successfully included in the S&P Global Sustainability Yearbook 2026 for its outstanding performance, ranking in the top 4% of the Semiconductors & Semiconductor Equipment industry in the 2025 S&P Global Corporate Sustainability Assessment. The Company was also the only enterprise in this sub-sector to receive the “Industry Mover” award. Other achievements include a Leadership A rating for Water Security from CDP, a Gold Medal certification from EcoVadis (top 5% globally), and ranking first in the photovoltaic equipment industry for four consecutive years in the Institute of Public & Environmental Affairs (IPE) Corporate Climate Action Index (CATI) and Green Supply Chain (CITI) Index evaluations. LONGi also received the “2025 Best Practice Case for Sustainable Development of Listed Companies” award from the China Association for Public Companies, comprehensively demonstrating its global benchmark status and industry leadership in ESG governance.

Looking ahead, LONGi will continue to advance sustainability in depth and work together with global stakeholders to pursue coordinated progress. The Company remains committed to achieving the goal of “Affordable for all”, fulfilling its global responsibilities through practical actions and contributing leading strength to building a low-carbon, inclusive, and shared sustainable future.

About LONGi

Company Profile

Founded in 2000, LONGi Green Energy Technology Co., Ltd. was listed on the Shanghai Stock Exchange in April 2012 (stock code: SH 601012). Guided by its core values of “Reliability, Value-add, and Fulfillment” and its mission to “make the best of solar energy to build a green world”, LONGi is committed to becoming the world’s most valuable solar technology company.

Business Layout

LONGi places great emphasis on technology R&D, driving productivity through science and technology and continuously leading the development of the PV industry through technological innovation. The Company is principally engaged in the R&D, production, and sales of products including mono-crystalline silicon wafers, cells and modules, and green hydrogen equipment, while providing diversified scenario-based solutions such as distributed PV power stations, ground-mounted PV power stations, and building-integrated photovoltaics.

Leveraging its leading technological innovation capabilities, cost advantages, intelligent manufacturing strengths, and industrial chain synergy, the Company has established a vertically integrated industrial ecosystem supported by a resilient global supply chain and marketing network. With sales offices in countries including the United States, Japan, Germany, India, Australia, the United Arab Emirates, and Thailand, the Company’s business covers more than 160 countries and regions, forming an industry-leading global presence.



Global Presence



- | | | | |
|---------------------|-----------|-----------------------------|-----------------|
| 1 Xi'an · China | 5 Germany | 9 Netherlands | 13 Japan |
| 2 Beijing · China | 6 France | 10 India | 14 Thailand |
| 3 Shanghai · China | 7 Spain | 11 Australia | 15 South Africa |
| 4 the United States | 8 Poland | 12 the United Arab Emirates | 16 Mexico |
| | | | 17 Brazil |

Overview of Sustainability Honors In 2025

ESG Ratings



S&P Global

72

CDP

Climate Change **B** Water Security **A**
Supplier Engagement Assessment
(SEA) **A**

Wind ESG

AA

IPE 公众环境研究中心
Institute of Public & Environmental Affairs

Ranked **First** in the Photovoltaic
Equipment Industry in Both Indices.

Honors and Awards



Honorary Title	Awarded by
Ranked 128th on the 2025 China Top 500 Private Enterprises list	All-China Federation of Industry and Commerce (ACFIC)
Ranked 91st on the 2025 China Top 500 Private Manufacturing Enterprises list	
Selected Among the Top 500 Private Enterprises for R&D Investment in 2025	
Selected Among the Top 500 Private Enterprises for Invention Patents in 2025	
Selected as One of the Top 500 Chinese Enterprises for 2025 and the Top 100 Leading Enterprises in China's Strategic Emerging Industries for 2025	China Enterprise Confederation, China Enterprise Directors Association
2025 Best Practice Case for Sustainable Development of Listed Companies	China Association for Public Companies
Selected for the "2025 Top 100 Chinese Enterprises in Green Power Consumption" List, Ranking 31st	China Electricity Council, Beijing Power Exchange Center, Guangzhou Power Exchange Center, Inner Mongolia Power Exchange Center, Hydrochina Corporation
"Shanghai Climate Week Climate Lighthouse 2025 Annual Manufacturing Lighthouse Model Award"	Shanghai Climate Week Climate Lighthouse Expert Committee

Honorary Title	Awarded by
GuoXin Cup ESG Carbon Neutrality Golden Bull Award	China Securities Journal
2025 China Business Journal New Energy "Carbon Peaking and Carbon Neutrality" Pioneer Enterprise	China Business Journal
21st Century Vigor·ESG Social Responsibility Case	21st Century Business Herald
Selected Enterprise on the Fortune China ESG Impact List	Fortune China
Ranked 227th in the 2025 Fortune China 500	
Sustainable Development Climate Leader (Zhong Baoshen)	Forbes
"ESG Outstanding Project" on the Businessweek Bloomberg Green 2026 Ones to Watch List	Bloomberg Green
Selected for the Tier 1 List of PV Module Manufacturers	BloombergNEF (BNEF)
Selected Enterprise in the S&P Global Sustainability Yearbook 2026	S&P Global
2025 Sedex Supply Chain Social Contribution Award	Sedex
SEMI Award for Outstanding Contribution to Sustainable Development	SEMICON China
Platts Global Energy "Lifetime Achievement Award" (Li Zhenguo)	S&P Global Platts
Platts Global Energy Corporate Impact Award	



Special Topic

Building Beautiful Villages with PV, Supporting Rural Revitalization through Green Development

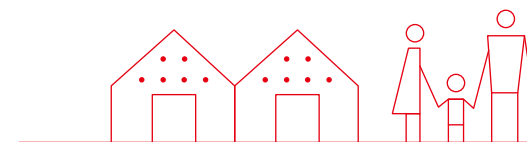
— LONGi's Rural Revitalization Practices

Against the backdrop of continued global urbanization and industrialization, cities have made notable progress in sustainable development. However, many rural areas still face multiple challenges, including weak infrastructure, limited energy structures, insufficient industrial momentum, and significant pressure in ecological and environmental governance. The development gap in rural areas has become an important constraint on the achievement of the United Nations 2030 Sustainable Development Goals (SDGs).

China has consistently placed great emphasis on rural development and has elevated the comprehensive advancement of rural revitalization to a major national strategy. Efforts have been made to improve rural infrastructure, cultivate drivers of rural industrial development, enhance the quality of living environments, and continuously strengthen rural sustainability capacity and resource and

environmental carrying capacity. As a clean energy source suitable for distributed applications, PV is highly aligned with the spatial characteristics and development needs of vast rural areas. However, its application potential in rural areas has yet to be fully explored and unlocked.

How to enable “PV+” to go beyond a single power generation function and become truly integrated into the broader context of rural revitalization, serving as a systemic force that drives the sustainable development of rural communities, is a topic that LONGi has long reflected on and actively practiced.



Photovoltaic power stations have become one of the important levers for improving rural infrastructure. Through the regulated development of the photovoltaic industry, rural areas can become more beautiful and more prosperous.

—Zhong Baoshen, Chairman and General Manager of
LONGi Green Energy Technology Co., Ltd.



2023

Sowing the Seeds: Laying the Foundation for Green Buildings in Rural Areas



LONGi has long been proactively exploring the deep integration of photovoltaics with buildings, daily life, and energy systems. In 2023, Chairman Zhong Baoshen focused his policy proposals for the first time on the high-quality development of green buildings in both urban and rural areas. He pointed out that the 14th Five-Year Plan period is a critical window for upgrading traditional rural housing, making it urgent to reshape the rural living environment through green and low-carbon pathways. To this end, Mr. Zhong proposed three core recommendations: formulate a development plan for green rural buildings; accelerate the deployment of building-integrated photovoltaics (BIPV); and promote technologies such as ground-source heat pumps to create new breakthroughs in clean heating for rural areas.

In 2023, LONGi took the lead in exploring the “Harmonious Light and Warmth” model in Kefang Village, Tongchuan City, Shaanxi Province. This model directly addresses the pain point of winter heating in northern rural areas by innovatively combining rooftop photovoltaic power generation with clean winter heating. Farmers can install air-source heat pumps at zero cost, using the income from photovoltaics to cover heating expenses. This not only significantly improves indoor comfort and health levels in winter but also creates a closed loop from green power generation to green energy consumption. This became the earliest and most direct real-world validation of LONGi’s proposal for a “breakthrough in clean heating”.

LONGi constructed distributed photovoltaic systems in Kefang Village, Shizhu Town, Tongchuan City, Shaanxi Province

3 MW

with a total installed capacity of

109

involving households

RMB **1.40** million

an estimated annual income of over





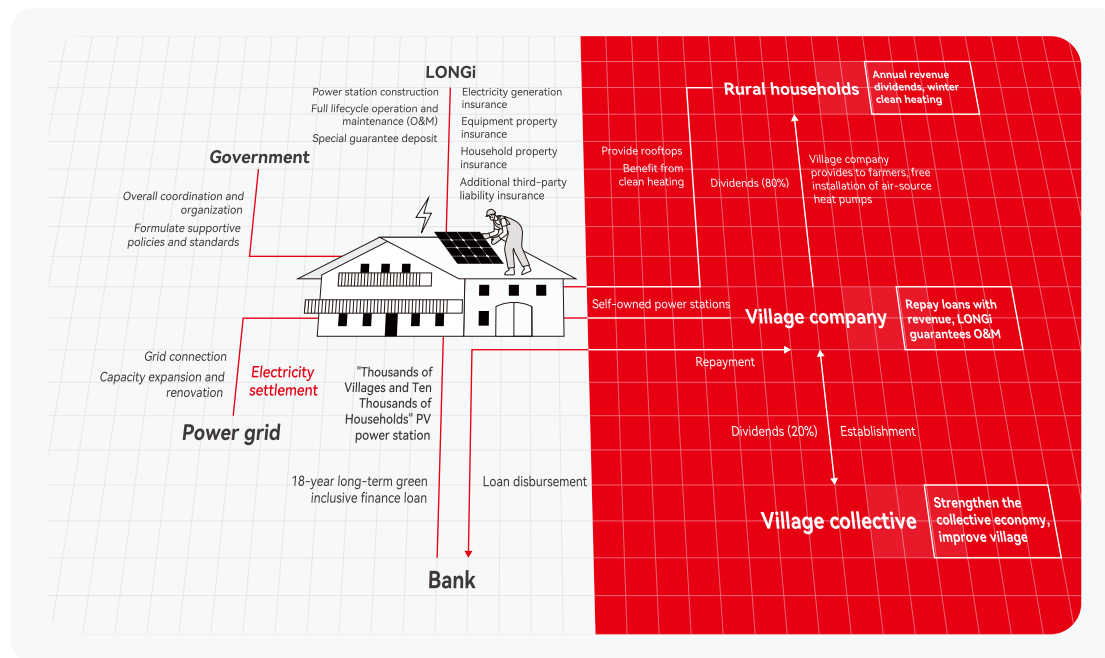
2024

Taking Root: Making Photovoltaics the Most Beautiful Scenery

As its practices deepened, LONGi discovered that the rural photovoltaic market was inconsistent in quality. This not only affected power generation revenue but also marred the rural landscape. To achieve coordinated development between rural photovoltaics and beautiful countryside initiatives, Chairman Zhong Baoshen recommended in 2024 that planning standards for rural photovoltaic buildings be established, that BIPV construction be vigorously promoted, and that quality supervision of the rural photovoltaic market be strengthened.

LONGi is keenly aware that to truly solve the difficulties of implementing rural photovoltaics, a systematic mechanism is needed to address a series of pain points related to funding, technology, standards, revenue, and supervision. To this end, building on the “Harmonious Light and Warmth” model, LONGi has piloted explorations in more villages that involve the participation and collaboration of diverse stakeholders to provide strong support for the high-quality development of rural areas.

In 2024, an innovative model centered on “government coordination, corporate investment, bank support, household benefits, and collective dividends” gradually took shape. LONGi successfully built a “five-in-one” mechanism involving the government, corporations, banks, village collectives, and households. This ultimately evolved into the Shaanxi Province “Thousands of Villages and Ten Thousands of Households” PV+ Rural Revitalization Demonstration Projects, a policy benefiting the entire province.



The Shaanxi Province “PV+” Model for Rural Revitalization Across a Thousand Villages and Ten Thousand Households



2024

Deepening Cultivation: Toward a Quality Revolution in Rural Photovoltaics

By 2025, with LONGi's continued promotion and participation, the Shaanxi "Thousands of Villages and Ten Thousands of Households" PV+ Rural Revitalization Demonstration Projects achieved phased success. Through the deep integration of green energy and rural revitalization, it generated comprehensive benefits by synergistically promoting industrial income growth, ecological improvement, and livelihood security.

By the end of 2025, LONGi had completed 139 "Thousands of Villages and Ten Thousands of Households" PV+ Rural Revitalization Demonstration Projects in Shaanxi Province, covering 2,997 households.

RMB **3,000~6,000**

Providing households with a stable average annual income of over 30 years

RMB **30,000–100,000** **131.19** MW

Generating a stable average annual income for village collectives

Total installed capacity reached

148 million kWh
Average annual green electricity generation of

RMB **529** million
Driven a cumulative industrial investment of

44,700 metric tons

Saved approximately of standard coal

121,500 metric tons

Reduced carbon dioxide emissions by approximately

- ◆ **Promoting common prosperity**—Through a 2:8 revenue-sharing mechanism between the village collective and households, farmers receive a stable average income of RMB 3,000–6,000 per year over 30 years with zero investment and zero risk. The village collective gains a stable annual income of RMB 30,000–100,000 through asset ownership and dividends.
- ◆ **Driving grid upgrades**—The project is advanced in tandem with rural power grid consolidation and improvement initiatives. While meeting the demand for photovoltaic grid connections, it enhances the overall power supply capacity and quality in rural areas, upgrading the electricity infrastructure to accommodate more industrial and residential electricity needs.
- ◆ **Improving living conditions**—The adoption of photovoltaic sunroom designs with professional waterproofing not only turns rooftops into income generators but also fundamentally solves problems like roof leaks and intense summer sun exposure, saving each household RMB 10,000–20,000 in roof renovation costs.
- ◆ **Optimizing public spaces**—Photovoltaics are deeply integrated with the construction of rural public spaces. Through diverse application scenarios such as PV carports, PV corridors, PV sports courts, and courtyard PV systems, these public facilities themselves become producers of green electricity.
- ◆ **Reshaping the rural landscape**—By advocating for and applying BIPV technology and high-quality modules, the project promotes the harmonious integration of photovoltaic facilities with rural architecture in terms of material, color, and form, making photovoltaics an element that enhances building quality in the construction of beautiful villages.

The "PV+" for Thousands of Villages and Households project in Shaanxi Province has entered the large-scale promotion phase. Each village-level photovoltaic power station serves as a distributed green energy unit, enhancing the local clean energy supply capacity while promoting the transition of rural energy structures toward low-carbon models. Throughout this process, LONGi has explored systematic application pathways for photovoltaics in rural settings, supported by technical solutions, full-lifecycle assurance mechanisms, and collaborative models.

The "Thousands of Villages and Ten Thousands of Households" PV+ Rural Revitalization Demonstration Projects is just one example of LONGi's rural revitalization practices. In 2025, LONGi continued to invest charitable resources in rural revitalization, covering various dimensions from energy infrastructure to fostering the collective economy, improving public services, and enhancing living environments.

In 2025, LONGi

RMB **69.18** million

Invested in rural revitalization public welfare projects

69,480 people

Benefited from rural revitalization public welfare projects

In the future, LONGi will continue to improve the disclosure of project operational data, assess long-term impacts, and summarize replicable experiences. This will provide practical references for broader rural low-carbon development, guiding more Chinese villages toward a future of comprehensive revitalization characterized by thriving industries, pleasant living environments, and prosperous lives.



Construction of the ("Thousands of Villages and Ten Thousands of Households" PV+) project requires residents only to provide their rooftops, allowing the village collective and farmers to receive power generation income for 30 consecutive years, which strengthens the village collective economy while creating additional income for the people.

— A Villager from Weizhai Village, Chang'an District, Xi'an City, Shaanxi Province

This project ("Thousands of Villages and Ten Thousands of Households" PV+) has increased my family's income by several thousand RMB a year, which we can receive for 30 years. It also protects my roof, so it's a win-win situation.

— A Villager from Qujia Village, Yanliang District, Xi'an City, Shaanxi Province

Chapter 1

Our Approach to Sustainability

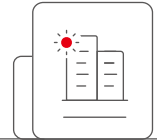
LONGi deeply integrates sustainable development into its corporate strategy and daily operations. Upholding the core values of “Reliability, Value-added, and Fulfillment”, the Company has built a corporate governance structure with clear rights and responsibilities and established a “Three Lines of Defense” risk management mechanism, laying a solid foundation for stable operations and risk control. The Company has established a sustainability system led by the Board of Directors’ Strategy and Sustainability Committee. Through systematic stakeholder communication and a materiality assessment process, it accurately identifies and manages substantive issues, ensuring that its sustainability practices effectively respond to internal and external expectations and drive long-term value creation.

- Corporate Governance
- Business Ethics
- Compliance and Risk Management
- Emergency Management and Business Continuity
- Sustainability Management
- Stakeholder Management
- Materiality Assessment

+ SDGs addressed in this chapter



Corporate Governance



Governance Structure

LONGi strictly adheres to laws, regulations, and regulatory requirements such as the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, the *Code of Corporate Governance for Listed Companies*, and the *Rules Governing the Listing of Stocks on Shanghai Stock Exchange*. The Company has established a corporate governance structure with clear divisions and well-defined roles and responsibilities.

The Company's highest authority is the Shareholders' Meeting, in which institutional investors actively participate and communicate with management on key topics such as corporate governance and business management. The Company's controlling shareholder strictly adheres to shareholder conduct standards and exercises shareholder rights in good faith. Concurrently, the Company possesses a complete and independent business system and autonomous operational capabilities, maintaining independence from the controlling shareholder in terms of business, personnel, assets, organization, and finance. The Company has established the Board of Directors as its core governance body. The Board is responsible for overseeing the Company's operations and strategy formulation and has four specialized committees under it to jointly supervise and manage corporate governance-related matters.

During the Reporting Period, the Company held:

Shareholders' meetings

3 sessions

Board of Directors meetings

11 sessions

Strategy and Sustainability Committee meeting

1 session

During the Reporting Period, the Strategy and Sustainability Committee of the Board of Directors held one meeting to hear, review, and approve significant ESG-related matters, including the Company's green and low-carbon management, double materiality topic analysis, and ESG-related topic enhancement plans.

Nomination Committee meetings

2 sessions

Remuneration and Appraisal Committee meetings

3 sessions

Audit Committee meetings

9 sessions

Director attendance rate

100 %



Governance Effectiveness

Board Independence

According to the *Articles of Association*, the Company's Board of Directors includes three independent directors, accounting for one-third of the total number of directors. The independent directors perform their duties in strict accordance with relevant regulations. They attend meetings of the Board of Directors, Shareholders' Meetings, specialized committees, and special meetings of independent directors on time, carefully review all meeting proposals, and proactively gain a deep understanding of the background and content of these proposals. Leveraging their professional expertise, they offer constructive opinions and suggestions and exercise their voting rights prudently. Additionally, the independent directors actively communicate with minority shareholders through channels such as Shareholders' Meetings and Earnings Presentations, paying attention to and listening to their opinions. They also conducted an on-site inspection of the Qujing base in Yunnan to understand the Company's production and operational status.

Board Diversity

LONGi recognizes Board diversity as a key factor in supporting the Company's sustainable development. The Company implements a Board rotation process every three years, with nominations undergoing a rigorous selection process. Key factors such as industry experience, educational and cultural backgrounds, capabilities, and gender are considered when electing Board members.

	Total Board members	
	9 persons	
	Female directors	The percentage was
	2 persons	22.22 %
	Independent directors	The percentage was
	3 persons	33.33 %
	Each brings extensive professional experience and backgrounds in new energy, finance, and macroeconomics.	
	Executive directors	Other non-executive directors, one of whom is a senior expert in strategic management.
	4 persons	2 persons

Executive Compensation

The Company has formulated and implemented the *Management Measures for the Remuneration of Directors and Senior Management* to explicitly regulate executive compensation. The remuneration for internal directors and senior management primarily consists of a basic salary and performance-based pay. Performance-based pay is an incentive-based reward linked to the value they create for the Company during their tenure. For senior executives such as the CEO/President, their performance-based pay is tied to the achievement of business performance indicators like return on equity, operating revenue, and net profit, as well as personal contributions to sustainable development performance, such as risk management, fully embodying the principle of "pay for performance". Additionally, the Company has established a clawback mechanism for performance-based pay. In the event of circumstances such as misstatement of financial information, the Company reserves the right to claw back the corresponding performance-based pay.

Investor Relations

LONGi adheres to the philosophy of "creating value through sincere communication" and remains investor-centered. The Company maintains close communication with various investors through channels such as the investor hotline, investor mailbox, the SSE's e-interactive platform, shareholders' meetings, conference calls, brokerage strategy sessions, on-site visits, roadshows, and earnings presentations, proactively conveying the Company's value to the market. In 2025, the Company regularly organized three earnings presentations and participated in one collective investor reception day and earnings presentation for listed companies in the Shaanxi jurisdiction. Through efficient communication methods and sincere, interactive engagement, the Company earned widespread market recognition and support.

During the Reporting Period, the Company

Held investor
conference calls

89 sessions



Held/participated in
earnings presentations

4 sessions



Organized brokerage
strategy sessions

69 sessions



Hosted on-site investor
research meetings

109 sessions

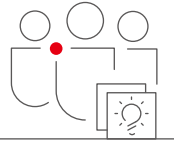


Jointly organized four large-scale investor research events with China Merchants Securities, China Southern Asset Management, Industrial Securities, and Kaiyuan Securities, including the "I am a Shareholder" program for visiting listed companies, reaching over minority investors

200 person-times



Business Ethics



Business Ethics Policy

Upholding the core values of “Reliability, Value-added, and Fulfillment”, the Company adheres to a development model that balances commercial value with social responsibility. It has formulated and implemented the *LONGi Code of Business Conduct*³ based on applicable international conventions and practices. The Company is committed to strictly complying with the laws and regulations of the jurisdictions in which it operates, firmly opposing commercial bribery, corruption, monopoly, money laundering, and unfair competition. It strives to jointly maintain and build an honest, fair, and transparent business environment in its interactions with business partners and governments.

LONGi has established a management structure guided by the Board’s Audit Committee and centered around the Group’s audit department. This creates an independent review and supervision mechanism within the Company to implement daily risk control for business ethics issues, including anti-corruption and anti-unfair competition.

3.This includes anti-monopoly and fair competition, anti-bribery and anti-corruption, export control and sanctions compliance, protection of confidential information and/or personal information of stakeholders, respect for the intellectual property of others, respect for the individual rights of all internal and external employees, employee health and safety, environmental protection, prevention of insider trading, avoidance of conflicts of interest, anti-money laundering, prohibition of terrorist financing, protection of the Company’s confidential information and intellectual property, privacy and data protection, responsible mineral sourcing, environmental responsibility, and social responsibility.



Topic	Policy Content	
 Anti-Bribery and Anti-Corruption	LONGi adheres to the principle of integrity in its business activities, strictly complies with relevant laws and regulations, and is committed to promoting sustainable development. In accordance with the <i>United Nations Convention against Corruption</i> and the <i>Convention on Combating Bribery of Foreign Public Officials in International Business Transactions</i>, the Company has formulated and continually updates internal regulations such as the <i>Anti-Commercial Bribery Compliance Management System</i>. It regularly conducts investigations into violations through supervisory procedures to ensure compliant operations.	In high-risk areas for corruption, such as procurement, sales, investment, engineering construction projects, fund management, and asset management, the Company implements strict separation of duties, multi-level approvals, and authorization management.
 Anti-Money Laundering	LONGi complies with the <i>Anti-Money Laundering Law of the People's Republic of China</i>, enhances its internal anti-money laundering compliance management, ensures compliant business operations, and safeguards financial security. The Company actively cooperates with law enforcement agencies, regulatory authorities, and the financial industry to combat money laundering activities. The Company also regularly organizes anti-money laundering training to improve employees' awareness and understanding of this work, ensuring they can accurately implement anti-money laundering policies.	In its business operations, the Company places great importance on preventing the risks of money laundering and terrorist financing. It is committed to working only with lawful and compliant business partners and pays close attention to large-value cash transactions. We prioritize collaboration with reputable financial institutions and strictly implement customer identity verification procedures. Additionally, for cross-border fund transactions, the Company implements strict controls to ensure compliance with the relevant requirements of regulatory authorities.
 Preventing Insider Trading	The Company explicitly prohibits all employees, management personnel, and third parties acting on behalf of the Company from carrying out or participating in insider trading. This prohibition applies to any business activity or any activity within the scope of their authority. The Company also prohibits the use or disclosure of non-public information obtained through their positions, especially information that could have a significant impact on securities market prices.	
 Conflict of Interests	- The Company organizes a centralized declaration of conflicts of interest semi-annually, pushing tasks to all employees through its system and requiring completion within a specified timeframe. - The audit department will conduct regular or unscheduled inspections, and personnel who fail to declare truthfully will be held accountable in accordance with the Company's relevant policies.	- For sensitive positions and management cadres, the conflict of interest declaration process is triggered upon promotion or job transfer. - Employees are required to proactively and promptly declare any conflict of interest situations as they arise.

Topic	Policy Content	
 Anti-Monopoly Anti-Unfair Competition	The Company strictly adheres to the <i>Anti-monopoly Law of the People's Republic of China</i>, the <i>Anti-Unfair Competition Law of the People's Republic of China</i>, and other relevant laws and regulations. It has formulated and continuously improves its internal anti-monopoly and anti-unfair competition management systems and behavioral guidelines, resolutely prohibiting any conduct that confuses the market, misleads consumers, or restricts market competition. The Company also forbids seeking transaction opportunities through unfair competitive means such as bribery and continuously conducts anti-monopoly compliance risk assessments to maintain a fair and orderly market.	The Company does not enter into any form of anti-competitive or monopolistic agreements (including written or oral) with competitors, does not exchange information with competitors that may involve the division of sales territories, customers, prices, or price structures, does not discuss or negotiate matters that could be deemed monopolistic, does not participate in any bid-rigging activities, and insists on treating all counterparties fairly.
	The Company strictly protects trade secrets, prohibits false advertising, and regulates prize-linked sales activities to ensure their fairness and transparency. In its online business activities, the Company does not interfere with or disrupt the normal operation of network products or services, and is committed to maintaining a fair competitive market environment.	
 Respecting Intellectual Property	The Company places a high value on technological research, development, and innovation, systematically strengthens the intellectual property layout for related innovations, and continuously enhances its mechanisms for protecting confidential information to prevent its misuse, theft, destruction, or loss.	The Company has established a comprehensive confidentiality system, requiring all employees to strictly comply with the Company's intellectual property management regulations and to properly safeguard the Company's confidential information, both during and after their employment. If confidential information needs to be disclosed to external parties for business purposes, legal documents such as confidentiality agreements must be signed in advance, and procedures to prevent leaks must be strictly followed.
	In research and development activities, the Company requires all employees to proactively communicate and collaborate with the intellectual property department and to actively cooperate in taking timely, effective, and appropriate measures to protect innovative achievements.	In its business activities, the Company regulates the use of intellectual property identifiers such as registered trademarks and patent numbers, and fulfills its necessary disclosure obligations to consumers and relevant market entities, clearly defining the intellectual property rights, obligations, and confidentiality responsibilities of both parties. Concurrently, the Company continuously improves its market monitoring mechanism for product sales, tracking market dynamics of similar products through various channels. If any signs of infringement are discovered, the Company will systematically collect relevant information and, when necessary, take measures such as notarization to secure evidence.

Complaints Management and Whistleblower Protection

In accordance with domestic and international laws and regulations, policies, regulatory requirements, and industry developments, LONGi has formulated the *Administrative Measures for Complaints and Whistleblowing* and publicly released the *Complaints and Whistleblowing Policy and Procedures* on its official website. These documents regulate the Company's complaints and whistleblowing management, establish accessible reporting channels, and encourage employees and stakeholders to proactively report corruption, bribery, violations, fraud, or any other misconduct related to LONGi that may harm the interests of the Company, employees, and other stakeholders, thereby safeguarding the legitimate rights and interests of the Company, employees, and other stakeholders.

LONGi advocates real-name whistleblowing while also accepting anonymous reports. The Company ensures that all reports are investigated and handled in an objective and impartial manner. During the investigation, whistleblowing information will be kept strictly confidential and will not be disclosed to personnel who do not have a legitimate need to know.

Reporting Channels

Phone: 029-84193391, 18089282003

Official Website: <https://www.longi.com/cn/integrity/complaint/>

Email: audit@longi.com, compliance@longi.com

Written correspondence or in-person complaint and whistleblowing address:

Audit and Supervision Center, LONGi Green Energy Technology Co., Ltd., No. 8369 Shangyuan Road, Economic and Technological Development Zone, Xi'an, Shaanxi Province, China.

Official Account:
Sunshine LONGi



WeChat Mini Program:
LONGi Qingfeng



1 Receipt and Registration of Reports

- Upon receiving a report, the audit department immediately registers the information, covering key details such as the reporter (left blank if anonymous), the subject of the report, and the matter being reported.
- All reported information, whether from named or anonymous sources, will be handled with strict confidentiality, properly recorded, and promptly followed up.

2 Preliminary Assessment and Classification

- Based on the severity, urgency, and scope of the reported content, reports are classified as major or general:
 - **Major reports:** handled by the audit department through a special process.
 - **General reports:** handled by the integrity liaison officers of each department.

4 Handling and Feedback of Results

- Upon completion of the investigation, the audit department promptly informs the reporter of the results. Based on the findings, information on derelict personnel is submitted to the human resources department for disciplinary consideration. Cases involving criminal offenses are transferred to judicial authorities.
- Internal control deficiencies or management loopholes identified during the investigation are referred to the risk control management department for rectification to ensure the issues are resolved.

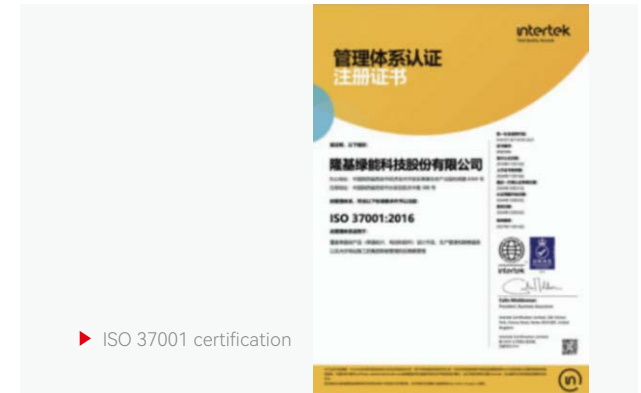
3 Initiation of Investigation

- A special investigation team is established. The investigation process follows strict confidentiality procedures to ensure fairness and comprehensiveness, and appropriate protective measures are taken for the reporter, investigation participants, and investigators.

Business Ethics Audits

The Company maintains a “zero-tolerance” stance on commercial bribery and continuously conducts anti-commercial bribery risk assessments covering scenarios such as public donations, external receptions, commercial sponsorships, gift-giving, discounts and rebates. Guided by the principle of combining comprehensive coverage with targeted supervision, the audit department completes at least one full audit cycle covering all business sectors and subsidiaries of the Group every three years, while ensuring annual coverage of identified high-risk businesses. In 2025, the audit department adopted a risk-based approach and, in line with audit coverage requirements, conducted audit supervision over the Group and its subsidiaries through a combination of routine audits and special audits. During the year, the Company completed 45 audit projects. The audit scope covered financial inflows and outflows, various economic activities, internal controls, risk management, compliance management, anti-corruption, anti-fraud, and business ethics management. The audits covered the Group’s major operational areas, including manufacturing, supply chain, engineering, sales, logistics and warehousing, investment, R&D, power stations, and functional departments.

Meanwhile, each year, the Company engages certified public accountants to audit the effectiveness of internal controls over financial reporting. The audit also includes assessments of business ethics issues such as fraud and misrepresentation, as well as evaluations of the effectiveness of internal controls designed to prevent fraud and misrepresentation. In 2025, the Company obtained ISO 37001 Anti-Bribery Management System certification. The Company had no cases or penalties arising from commercial bribery.



Business Ethics Training

LONGi upholds the anti-fraud principle of “prevention first, and learning from past mistakes”, maintaining a “zero-tolerance” attitude towards any form of fraud, bribery, and corruption. Through comprehensive education, training, and deep ecosystem co-creation, it shapes an internal culture of integrity and promotes a fair, transparent, and efficient cooperative environment across its value chains, thereby safeguarding the Company’s core values of “Reliable, Value-added, and Fulfillment”.

LONGi ensures that all employees, including part-time employees, interns, and contractors, participate in anti-corruption training each year and sign the *Integrity Commitment* through online platforms and offline promotion sessions. These initiatives help employees gain an in-depth understanding of anti-corruption policies, identify red lines for corrupt practices, and understand reporting channels. For middle and senior management, as well as employees in high-risk positions such as procurement and sales, the Company provides in-depth training, including case-based learning, to strengthen risk prevention and control capabilities. For all new employees, anti-corruption policies are included as mandatory onboarding courses, and employees are required to sign the *Integrity Commitment*.

LONGi proactively extends integrity management to suppliers, distributors, contractors, and partners. The Company requires all partners to participate in anti-corruption training organized by LONGi and sign the declaration on *LONGi Supplier Code of Conduct*, ensuring that they understand and comply with the Company’s anti-corruption policies, and jointly build a transparent and clean cooperation environment.



Deepening the Internal Culture of Integrity

- The Company has carried out comprehensive, multi-layered, and categorized integrity awareness activities, conducting a total of 3,000 integrity or promotional events throughout the year. These systematically covered the Group headquarters' functions, various manufacturing bases, marketing systems, procurement departments, engineering project departments, and all business units. In-depth interpretation and root cause analysis were provided for high-frequency and typical fraud cases to enhance employees' ability to identify and prevent them.
- Each training session is accompanied by a compliance knowledge test to ensure thorough understanding. All personnel are also organized to sign the *Integrity Commitment*, internalizing external regulations into personal commitments and strengthening their resolve to "not want to be corrupt". During the Reporting Period, the Company achieved 100% coverage for related training.



Expanding the Joint Development of an External Integrity Ecosystem

- Throughout the year, the Company engaged in in-depth integrity interactions with its value chain partners through four methods: online follow-ups, on-site visits, special investigative interviews, and regional supplier symposiums. In total, the Company completed follow-up visits and communications with 324 suppliers and 43 distributors, clearly conveying LONGi's integrity requirements, management standards, and zero-tolerance stance on fraudulent behavior, ensuring partners are fully aware of the principles they must adhere to in their business dealings with LONGi.
- One hundred percent of the surveyed suppliers and distributors clearly understood LONGi's reporting channels and expressed their willingness to file complaints about any perceived fraud or irregularities, forming a collaborative internal and external supervision force and reinforcing the institutional barrier that prevents corruption.



Improving Reporting, Disciplinary, and Corrective Mechanisms

- The Company has established a secure, convenient, and confidential multi-channel complaint and reporting system, supported by a comprehensive investigation, handling, and correction mechanism. It provides various reporting methods, including a dedicated email address, a hotline, and physical mailboxes, and has implemented strict information confidentiality and whistleblower protection policies to ensure that internal and external stakeholders can "report with confidence, courage, and willingness", thereby alleviating any concerns about reporting.
- In handling these cases, we adhere to the principle of "learning from past mistakes to avoid future ones and curing the sickness to save the patient". For employees who voluntarily confess, fully disclose their misconduct, and actively return any improper gains, the Company disciplines them in accordance with regulations while also comprehensively considering their attitude and remedial actions, allowing for the possibility of lenient treatment in accordance with laws and rules.

Key Performance in 2025

Public opinion events that pose significant risks to business operations

0 item

In 2025, the Company made **no** direct or indirect political donations. All public welfare and charitable donations followed the approved public donation process and complied with the applicable laws and regulations of the donation entity’s location. There were **no** illegal incidents arising from fraud or corruption. The Company did **not** face any anti-competitive or anti-monopoly-related lawsuits.

Supplier Engagement

The Audit and Supervision Center revisited

suppliers

324

distributors

43

Provided business ethics and integrity promotion and training programs

254 sessions

Business Ethics Culture

Integrity-related events

6 sessions

Total employees involved over

35,000 persons

Group participation rate

100 %

New employees’ Integrity Commitment signing rate

100 %

Employees rating their perception of integrity practices as above average

99 %

Business Ethics Audits

Percentage of operational sites that underwent business ethics risk assessment

100 %

Number of business ethics audit projects

45 items

Business Ethics Reporting

Anonymous complaints related to business ethics

363 items

Non-anonymous complaints

187 items

The resolution rate for both types was

100 %

Business Ethics Training

Anti-corruption training

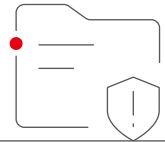
44 sessions

Business ethics training coverage (Coverage includes the Board of Directors, employees, and suppliers.)

100 %



Compliance and Risk Management



Compliance and Risk Management System

LONGi adheres to lawful and compliant operations, building a compliance and risk management system with clear responsibilities and efficient collaboration, founded on a comprehensive institutional framework and governance structure. The Company has established and enhanced a full-process risk management system, embedding compliance requirements throughout its entire business management process. It focuses on key areas to refine specialized systems and control measures, strengthens compliance audits and risk response, and cultivates a company-wide compliance culture through systematic training. Concurrently, the Company has developed a full-process tax compliance management system, strictly abiding by domestic and international tax regulations and comprehensively mitigating operational risks to provide a solid guarantee for its global, high-quality development.

The Company strictly complies with applicable domestic and international laws and regulations, and has issued and continuously updated relevant policies and documents, including the *Internal Control Management Policy*, the *Compliance Management Policy*, and the *Code of Business Conduct*. The Company continues to improve the development of its compliance and risk management “Three Lines of Defense” framework by clarifying the responsibilities of departments at all levels, thereby ensuring stable and compliant operations. As the highest governance body for risk management, the Board of Directors establishes the overall objectives for compliance and risk management, and oversees the implementation of risk governance and internal controls. Under the governance framework led by the Board of Directors, the Company has established a compliance and risk governance structure based on the “Three Lines of Defense” framework. This structure clarifies the roles and responsibilities of each department in risk management and forms a compliance and risk control system with clearly defined responsibilities and coordinated cross-functional collaboration. Meanwhile, the Company has formulated corresponding scoring rules and incorporated the indicator of “compliance violation incidents” into the organizational performance evaluation of each department, enabling closed-loop management of compliance processes. As of the end of the Reporting Period, the Company’s ISO 37301 Compliance Management System certification remained valid. Over the past two years, the Company has passed multiple compliance audits conducted by third-party external audit institutions.



Highest Governing Body: Board of Directors

Establish the overall objectives for compliance and risk management, and oversee the implementation of risk governance and internal controls.

First Line of Defense: Business Departments

The frontline of compliance and risk management

Business departments serve as the directly responsible bodies for compliance and risk management.

- Responsible for identifying key risks within their respective domains during business operations, tracking dynamic changes in risks in real-time, and using professional methods for risk assessment, control, and initial response
- Embeds compliance and risk management into business processes, achieving front-end risk prevention at the source to ensure that business activities are conducted within acceptable risk limits



Second Line of Defense: Risk Management Department

Central coordination and monitoring hub

The risk management department performs its "supervision and guidance" duties based on its professional functional positioning.

- Encourages all departments to establish compliance and risk management indicators, policies, and procedures
- Continuously monitors the first line of defense's implementation of compliance and risk management requirements, provides professional guidance on risk control vulnerabilities, coordinates cross-departmental compliance and risk governance, identifies major company-level risks, and drives the implementation of risk management strategies



Third Line of Defense: Internal Audit Department

Independent supervision and effectiveness verification safeguard

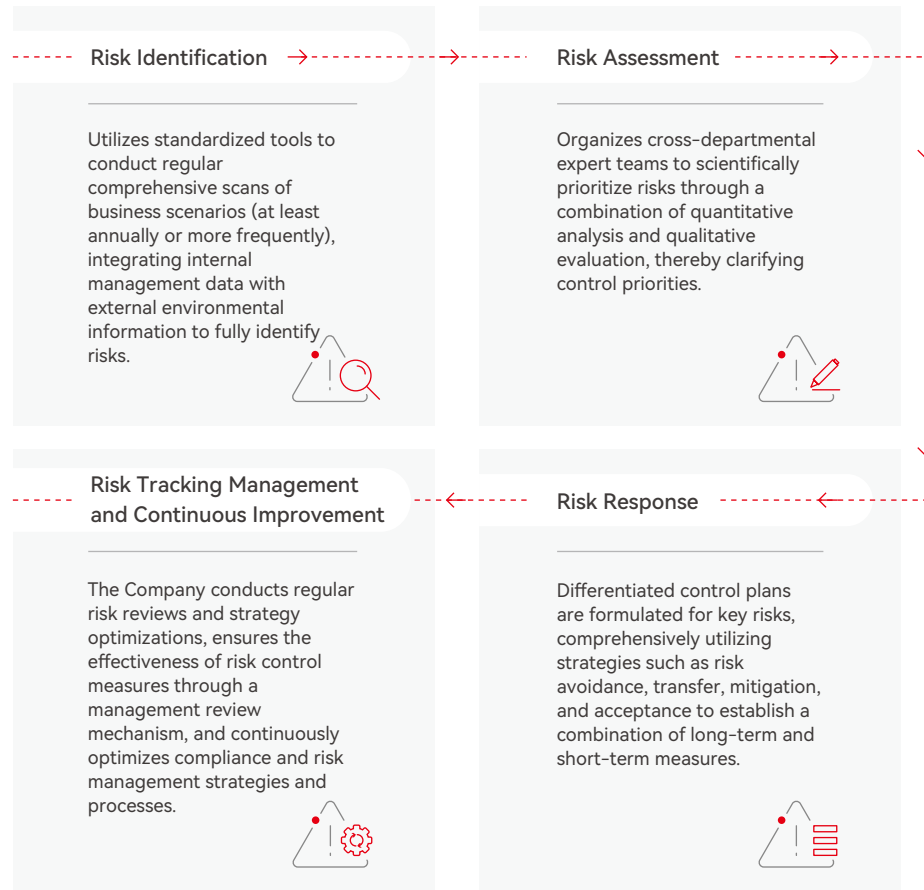
The internal audit department, as the final safeguard for compliance and risk management, adheres to the principles of independence and objectivity to audit the effectiveness of the Company's major risk management and internal control systems

- Identifies potential risk vulnerabilities and management deficiencies by independently assessing the operational quality and efficiency of the risk management system and the effectiveness of internal controls
- Supervises the entire process of the first two lines of defense and reports its findings directly to the Audit Committee of the Board of Directors, providing final verification of the completeness of the Company's compliance and risk management system and the effectiveness of its risk response measures



Compliance and Risk Management Process

The Company has established a systematic compliance and risk management process and strategy that defines the standards, norms, and responsible parties for core stages including risk identification, assessment, and response, thereby providing unified management guidance for all business units and promoting synergy, standardization, and effectiveness in compliance and risk management efforts.



Emerging Risk Category	Risk Description	Potential Impact	Response Measures
 Cybersecurity	External attackers exploit excessive exposure of system application assets and vulnerabilities and threats that are not identified or patched in a timely manner to launch attacks against the Company's network and systems.	Attacks on network assets can lead to system paralysis and data loss, damaging the enterprise's market reputation, triggering a crisis of customer confidence, and causing financial losses.	- Launched an asset attack surface management platform to sort out network assets across all systems - Establish a vulnerability management process, conduct regular security scanning and assessments, clarify responsibilities and priorities for vulnerability remediation, and simultaneously report on remediation progress.
 Extreme Climate Events	With global warming, abnormal global climate patterns are leading to frequent disasters such as typhoons, floods, and droughts, exposing corporate production facilities and supply chains to the risk of force majeure damage.	Extreme climate events (such as floods and extreme rainfall) can cause equipment damage, employee casualties, and disruptions to the supply chain and logistics systems, leading to asset loss, operational interruptions or reduced production efficiency, and resulting in financial losses and a decline in performance.	- Established an emergency management organization and developed emergency response plans for climate change. - Strengthened the flood and wind resistance levels of production plants and warehousing facilities. - Strengthened routine inspections of buildings, production equipment, electrical circuits, and cables. - Improved operational resilience and enhanced the flexible scheduling capacity of the supply chain. - Strengthened employee capacity building and enhanced employees' knowledge of emergency response to extreme weather.

To further clarify the approach and logic of compliance risk management and define the key areas and management methods of compliance management, the Company also issued and updated relevant policies and documents in areas such as privacy protection, antitrust, and anti-commercial bribery. During the Reporting Period, the Company carried out compliance solution design, compliance review, and compliance inspection in areas including anti-commercial bribery, employment compliance, and antitrust. For major risk points, the Company developed targeted compliance management measures to ensure the effective implementation of compliance management.

Building a Culture of Compliance and Risk Management

The Company is committed to cultivating a culture of compliance and risk management among all employees. LONGi has established an integrated online and offline learning platform, developed compliance and risk management training materials and online courses, and promoted knowledge of compliance and risk management. Through case sharing and special training, the Company enhances employees' compliance awareness, risk sensitivity, and response capabilities, integrating compliance and risk management concepts into daily operations. In 2025, focusing on key areas such as data privacy and compliance, supply chain traceability, trade remedies, export controls, and economic sanctions, the Company organized 24 special training sessions covering finance, legal, supply chain, and relevant business departments. These efforts further strengthened the foundation of compliance management and improved the Company's overall capability to respond to complex regulatory environments.

Tax Compliance and Transparency

The Company fully implements national tax laws and regulations, complies with international tax rules, and completes the declaration and payment of VAT, corporate income tax, and other taxes in a timely and accurate manner. The Company has formulated the *LONGi Tax Policy*. By establishing a regular internal tax self-inspection mechanism and engaging external authoritative tax professional institutions for support, the Company ensures the accurate implementation and efficient execution of tax policies, thereby systematically managing tax risks and safeguarding the stability and sustainability of its operations.

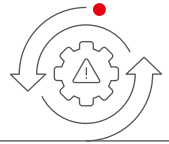
In terms of tax information disclosure, the Company actively fulfills its obligations of openness and transparency, leveraging a standardized tax management system and information technology tools to continuously improve the accuracy, timeliness, and traceability of tax filings, thereby consistently strengthening the enterprise's credibility in the tax domain.

As the Company's overseas business continues to expand, we strictly adhere to the tax laws of the countries and regions where we operate, and we insist on following internationally accepted transfer pricing rules and principles of tax fairness to ensure that profit allocation matches the substance of value creation and to maintain the compliance of our global operations. Furthermore, the Company utilizes facilitative channels such as export tax rebates provided by tax authorities to continuously optimize cross-border tax processes, enhancing the efficiency and compliance level of international business and effectively supporting the steady advancement of our globalization strategy.

By continuously improving tax internal controls, strengthening professional team building, and deepening internal and external collaboration, the Company has established a tax compliance management system covering all businesses and processes, which not only effectively prevents tax risks but also lays a solid institutional foundation for the Company's high-quality development.



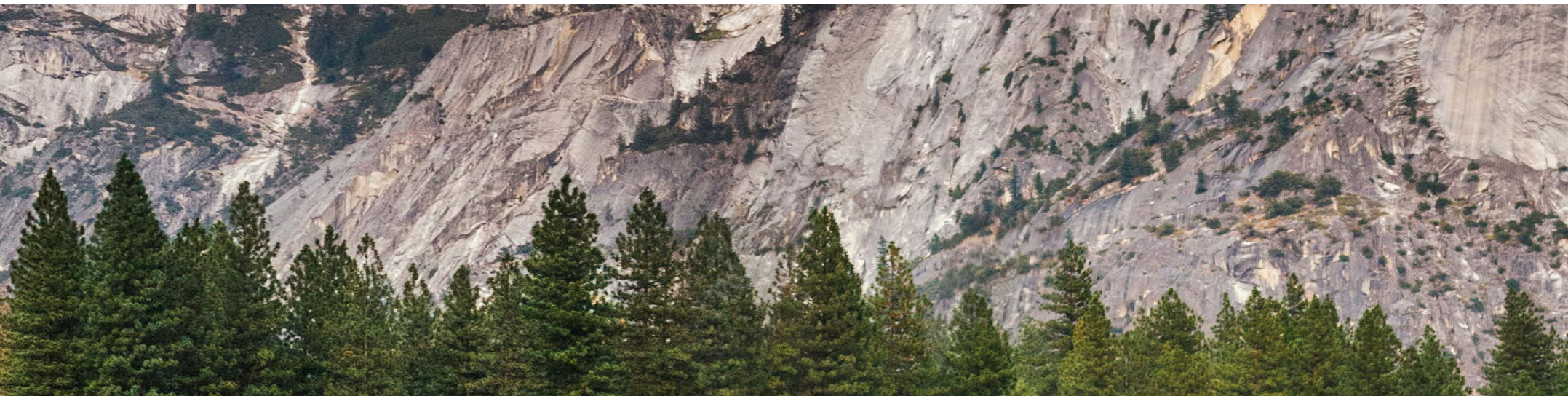
Emergency Management and Business Continuity



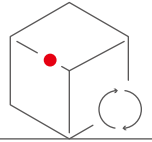
Against a backdrop of increasing global uncertainties and systemic risks, factors such as extreme climate events, cybersecurity threats, geopolitical conflicts, and environmental and safety emergencies are posing potential challenges to the stable operation of LONGi and its value chains. To effectively respond to these risks and ensure the continued operation of the Company's core business in various emergency situations, LONGi places great importance on the construction of its emergency management system and actively promotes the development and optimization of its business continuity plan.

Adhering to the principle of "prevention first, rapid response, coordinated action, and continuous improvement", the Company integrates emergency management and business continuity management into its overall risk management framework. By identifying key business processes, assessing potential disruption scenarios, formulating tiered emergency plans, and conducting regular drills and reviews based on its business continuity plan, LONGi is committed to enhancing organizational resilience to ensure that in the event of an emergency, it can quickly control the situation, minimize losses, and restore core operational functions in the shortest possible time. Concurrently, the Company continuously monitors global risk dynamics, strengthens risk monitoring and early warning mechanisms for its supply chain, production bases, and information systems, and promotes the rational allocation of emergency resources and efficient cross-departmental and cross-regional collaboration.

Although we have not yet encountered a major business interruption event, we consistently examine potential threats with a forward-looking perspective. We have clearly identified emergency management and business continuity as one of the important pillars of sustainable development. In the future, we will continue to invest resources to improve our systems, technologies, and organizational safeguards, protecting employee safety, customer trust, and long-term corporate value with a responsible attitude.

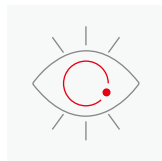


Sustainability Management



Sustainability Philosophy

In 2023, LONGi launched its LIGHT sustainability philosophy, which is composed of five core elements: Lead, Innovative, Green, Harmonious, and Trustworthy. This philosophy integrates the Company's development strategy with the United Nations 2030 Sustainable Development Goals, committing to the clean, renewable, and efficient use of energy while working with numerous stakeholders to create a future where "Affordable for all".



ESG Sustainable Development Vision

Lead for the clean energy world



ESG Sustainable Development Goal

Affordable for all

Drive better development for ourselves, the industry, and society with "leading" as the core.

Affordable for All



Innovative

Product Responsibility,
Scientific and
Technological
Innovation



Harmonious

Employee Wellbeing,
Industrial Collaboration,
Community
Improvement



Green

Climate Action,
Environmental
Management, Water
Utilisation



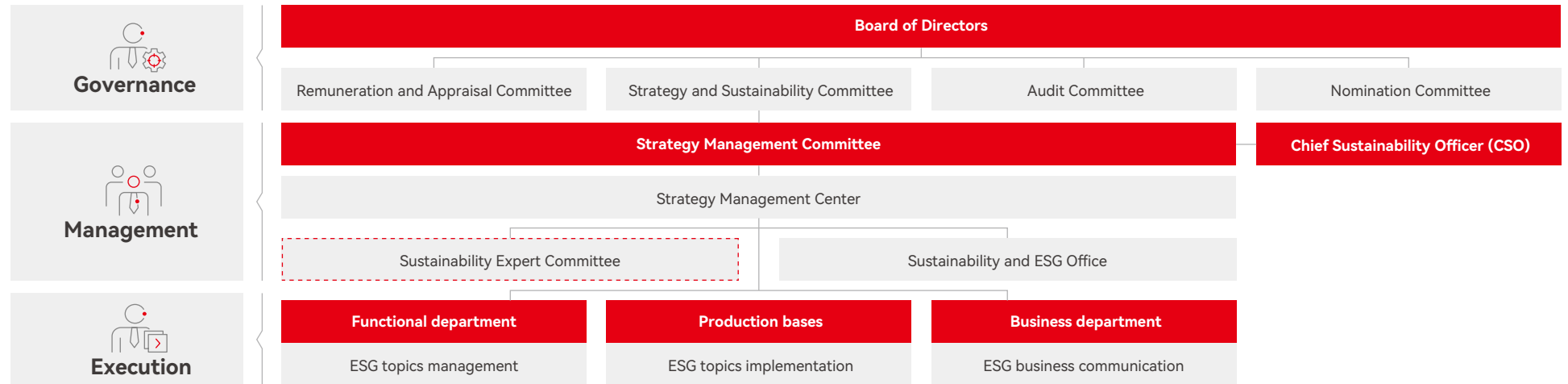
Trustworthy

Social Responsibility
Management, Customer
Relations, Responsible
Supply Chain



Sustainability Governance System

LONGi has established a three-tiered ESG governance structure covering the corporate governance, management, and executive levels, with the Board of Directors and its Strategy and Sustainability Committee serving as the highest decision-making body. Through the Company's Strategy Management Committee, it implements a coordinated management mechanism for ESG-related work, formulates sustainability plans, and conducts regular assessments, deliberations, and implementations to ensure that the Company's ESG practices consistently align with its internally established sustainability philosophy and goals.



Strategy and Sustainability Committee of the Board of Directors

- Composed of the Chairman and General Manager, the Director and Chief Financial Officer, two directors, and one independent director.
- The Strategy and Sustainability Committee is responsible for overall management and meets at least once a year. Its main responsibilities include comprehensively supervising and approving the Company's ESG strategy, medium- and long-term plans, annual plans, and policies. Additionally, the Committee is tasked with approving the annual ESG report, reviewing material ESG issues and progress towards goals, as well as defining ESG risks and opportunities related to the Company's development.

Strategy Management Committee

- Composed of heads of relevant departments led by the Group's Strategy Management Center. The Chief Strategy and Sustainability Officer (CSO) coordinates the work and communicates with external stakeholders on behalf of the Company's senior management.
- Through meetings of the Group's Strategy Management Committee and other channels, it deliberates on the Company's ESG development strategy, short-, medium-, and long-term work plans, and ESG management systems. It also reviews ESG goal achievement, risk and opportunity assessment results, materiality assessments, and the ESG report.

Sustainability and ESG Office

- Established under the group's strategy management center.
- The office has established a sustainability and ESG governance system, conducting regular checks to provide recommendations. It formulates strategic goals, plans, and policies, while also determining material ESG issues and drafting targets. Furthermore, it builds the ESG information platform and keeps track of the latest global concepts, policies, and regulations related to sustainable development.

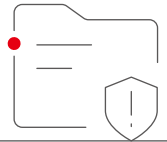
Sustainability Expert Committee

- Composed of external ESG experts.
- Responsible for researching and analyzing external ESG trends, policies, and demands facing the Company and providing recommendations. Assesses the Company's current ESG management status and suggests improvements.

ESG Executive Group

- Composed of liaison personnel from functional departments at the Group headquarters, branches and subsidiaries, and business departments
- Responsible for identifying and assessing the impact of climate change and ESG-related risks on the Company's business development. Focused on achieving ESG performance targets in line with ESG goals. Coordinated with the Sustainability and ESG Office to complete information disclosure and project implementation. Dedicated to understanding the ESG needs of stakeholders and promoting the Company's sustainable development brand.

Stakeholder Management



LONGi has always upheld the principles of openness, transparency, co-creation, and shared benefits, and is committed to building long-term, mutually trusting, and mutually beneficial partnerships with diverse stakeholders. We highly value the voices and expectations of stakeholders, actively listen to their opinions and suggestions on key environmental, social, and governance topics, and incorporate them into the Company's strategic decision-making and sustainability practices. Through systematic and differentiated communication mechanisms and collaboration models, LONGi continues to promote in-depth stakeholder participation in its corporate development process, foster collective efforts among all parties in key areas of sustainable development, and achieve the coordinated growth of corporate value and social value.

Stakeholder Engagement Analysis

LONGi believes that effective stakeholders engagement is a key approach to identifying material topics, improving decision-making quality, and enhancing trust and transparency. To improve the quality and effectiveness of stakeholders engagement, assess the necessity and feasibility of in-depth interaction with stakeholders on specific topics, and develop differentiated communication and cooperation strategies, we have established a stakeholders engagement assessment framework to determine the engagement priorities of different stakeholders at the current stage. The assessment is mainly based on two interrelated dimensions: the degree of impact on LONGi's sustainability goals, and stakeholders' willingness and capability to participate in sustainability topics.



Assessment Dimension	Definition
 Degree of Impact on LONGi's Sustainable Development Goals	Whether the stakeholder is in a key part of the value chain, holds critical resources (such as technology, market access, policy permits, community support, etc.), and whether their attitude or actions could significantly promote or hinder LONGi's progress in the field of sustainable development.

 Willingness and Ability of Stakeholders to Engage in Sustainability Issues	Whether the stakeholder proactively expresses concerns, possesses the knowledge base to understand complex sustainability issues, has mechanisms or channels for effective feedback, and is willing to explore solutions jointly with the Company.
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LONGi Stakeholder Engagement Assessment Dimensions

By analyzing the two dimensions above, we classify stakeholders into three engagement priority levels: high, medium, and low.

Priority	Description	Response Strategy
 High Priority	Stakeholders who have a significant influence on LONGi's sustainable development and possess a strong willingness and capability for sustainability action. Examples include key suppliers, core customers, strategic partners, and major investors.	Adopt in-depth engagement strategies, including customized support, joint goal-setting, collaborative sustainability projects, and signing cooperation initiatives, to foster them as core partners in the Company's sustainability transformation.
 Medium Priority	Stakeholders with a moderate influence but who have some potential for sustainability concern and engagement. Examples include general suppliers, some investors, and community organizations.	Managed through standardized communication mechanisms, such as annual sustainability surveys, general training, and regular report releases. These efforts aim to establish stable relationships and guide them in gradually enhancing their sustainability awareness.
 Low Priority	Stakeholders with relatively limited influence and currently low levels of sustainability engagement. Examples include some small suppliers and the general public.	Use information disclosure as the primary communication method, strengthening transparency through channels such as the official website, annual reports, and sustainability reports. This ensures compliant disclosure and provides them with avenues to understand the Company's sustainability practices.

LONGi Stakeholder Engagement Priority Levels and Response Strategies

Key Stakeholders and Communication Activities

Stakeholders	Key Expectations	Communication Channels	Communication Activities In 2025
 Customers	- Reliable and efficient products - High-quality service - Contractual compliance - An ethical business environment	- Customer technical exchange meetings, new product launch events - Industry exhibitions - Official website, 400 service platform, satisfaction surveys - Customer communications	- Conducted customer satisfaction surveys 4 times, with customer satisfaction reaching the “Excellent” level⁴. 100% customer complaint response rate. - The headquarters completed a total of 29 on-site ESG communication sessions with customers, who are primarily located in regions such as Europe, the Americas, Oceania, and Asia-Pacific.
 Employees and Labour Unions	- Health and safety - Career development - A pleasant working atmosphere - Protection of rights and interests	- Employee representative congresses and labour union committees - Training and education, employer branding - Employee forums, employee activities, employee clubs - Chairman of the Board’s mailbox - LONGi Yuejia, complaint and reporting mini-program	- The Chairman of the Board’s mailbox received and processed over 700 valid letters, with a 100% resolution rate. - Held employee representative congresses to ensure the implementation of various democratic management initiatives. - Employees submitted 2,266 suggestions, with a closure rate of 97.52%.
 Shareholders and Investors	- Return on investment - Financial stability	- Earnings presentations, investor hotlines, roadshows, conference calls - Shareholders’ meetings, periodic reports and interim announcements, and on-site visits	- Held 89 investor conference calls and held/participated in 4 earnings presentations. - Participated in brokerage strategy sessions and hosted on-site investor research meetings.
 Suppliers and Partners	- Win-win cooperation - Contract compliance - Green supply chain - An ethical business environment	- Supplier code of conduct, transparent procurement - Supplier web portal, collaborative innovation - Supplier empowerment training - Supplier risk assessment and on-site audits	- Conducted 52 supplier training sessions, with a total of 1,798 participants and 65.5 training hours. The completion rate for ESG training for procurement personnel and suppliers reached 100%. - Held 447 supply chain communication sessions, with 383 suppliers participating.

4. LONGi’s customer satisfaction is graded on five levels: Fair: result <20%, Good: 20% < result < 30%, Very Good: 30% < result < 50%, Excellent: 50% < result < 60%, and Outstanding: result ≥60%.

Key Stakeholders and Communication Activities

Stakeholders	Key Expectations	Communication Channels	Communication Activities In 2025
 Government and Regulators	• Taxation • Employment • Compliant operation	• Supervision and inspection, policy recommendations • Participation in relevant government-led high-level forums	• Participated in the 30th UN Climate Change Conference (COP30), released the 2024–2025 <i>Climate Action White Paper of LONGi</i>, and pledged to lead the world toward a new era of energy that “goes beyond photovoltaics”. • Participated in the high-level dialogue on “Creating Sustainable Businesses and Brands”, co-hosted by the United Nations Conference on Trade and Development, the UN Forum on Sustainability Standards (UNFSS), the China Association for Standardization, and its Sustainable Business and Brand Committee (SBBC). The Company shared its practices and insights on industrial sustainability and formally signed the “Creating Sustainable Brands” vision initiative.
 Industry Associations	• Fair competition • Promoting industry development • Sharing technology and experience	• Industry exchanges and seminars • Project collaboration	• Participated in and attended industry exchange events such as the 2025 PV Industry Annual Conference, the Global Energy Interconnection Conference, and the 19th China International New Energy Forum.
 Communities and NGOs	• Environmental protection • Rights protection • Safety • Supporting community development • Rural revitalization	• Proactive community communication, participation in project collaboration • Charitable donations and activities • Participation in industry associations, academic societies, and corporate open days • Participated in exchange meetings with enterprises and non-governmental organizations	• Invited to attend multiple events, including the Boao Forum for Asia and the 8th China Enterprise Forum • Collaborated with the UN Refugee Agency (UNHCR) to implement clean energy projects in climate-vulnerable regions, enhancing energy supply and energy equity in refugee camps.
 Media	• Information transparency • Open communication	• News reporting • Management interviews • Media briefings on ESG activities	• Participated in media events including CCTV’s <i>ESG Lecture Hall</i>, <i>CCTV’s Dialogue – New Energy Goes Global</i>, the CCTV Finance New Year’s Eve Special, and the 2025 CCTV Finance Forum.
 Academics/Experts/ Professional Organizations	• Policy trends • Industry developments • Scientific research collaboration	• Professional seminars • School-enterprise cooperation • Collaborative innovation	• Established cooperative relationships with the National University of Singapore, the National University of Malaysia, the University of New South Wales, Northwestern University (USA), Lanzhou University, Xi’an Jiaotong University, and Wuhan University.

Materiality Assessment



Assessment Process of Material Topics

As one of the key steps in sustainability management, LONGi regularly conducts double materiality assessments of ESG topics in strict accordance with the requirements of the *Sustainability Reporting Guidelines*⁵ and the *Guidelines for Sustainability Report Preparation*⁶ issued by the Shanghai Stock Exchange, in order to accurately identify and assess material topics. In 2025, we optimized and improved the five-step materiality assessment process, inviting internal and external stakeholders to participate in the assessment. This enabled a more comprehensive and in-depth identification and analysis of the risks and/or opportunities of ESG topics and their financial impact on LONGi, as well as the impacts of LONGi's performance on relevant topics on the economy, society, and the environment. Based on this process, we ultimately developed a materiality matrix to support the Company in dynamically identifying priorities for sustainability management, and to provide scientific guidance and decision-making support for formulating action plans and advancing key initiatives.

Step 1: Scoping Business Activities and Relationships

- We mapped out business relationships to analyze the potential impacts of the Company's business activities, services, and products on upstream and/or downstream value chains. Taking into account regulatory requirements, policy trends, industry hotspots, and other factors, we identified and assessed the impacts of the external environment on the Company's management and operations, and further identified key internal and external stakeholders that cause and/or are affected by such impacts.

Step 2: Stakeholder Communication

- Relying on diversified stakeholders engagement mechanisms and channels, the Company maintains regular communication with key internal and external stakeholders, including investors, customers, and government agencies. It promptly solicits, incorporates, and records the topics of concern of different stakeholders, as well as their specific concerns, priorities, expectations, and demands.

5. *Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)* (Hereinafter referred to as the "Guidance")

6. *Guidelines No. 4 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report Preparation*



Step 3: Establishing the List of Topics

Based on the results of stakeholders engagement, we conducted a comprehensive review against the 21 topics set out in the *Guidelines* of the Shanghai Stock Exchange. Taking into account international and regional regulatory policies in the locations where we operate, feedback and demand analysis from overseas customers, and benchmarking against international ESG disclosure standards and requirements such as the GRI Standards, ISSB Standards, and the European Sustainability Reporting Standards (ESRS), as well as key concerns of ESG ratings and peer practices, we reorganized and analyzed the existing issue list. After topic inclusion, splitting, merging, and applicability assessment, we ultimately identified 21 topics that are highly relevant to the Company's sustainable development. Based on our own operations and the current status of sustainability management, the adjustments to the topics assessed under the *Guidelines* of the Shanghai Stock Exchange are explained as follows:

SSE's <i>Guidelines</i>	Specific Adjustment	Reason for Adjustment
Environmental Compliance Management	Topic Consolidation	Covered under topics such as "Climate Change and Clean Technology R&D" "Pollution" and "Waste" and therefore not assessed separately.
Employees	Topic Breakdown	Covered under the three topics of "Labour Rights" "Human Capital Development" and "Occupational Health and Safety" which together constitute the "Employees" topic, and therefore not assessed repeatedly.
Technological Ethics	Not Applicable	The existing business currently has limited relevance to the topic of "Technology Ethics".
Due Diligence	Topic Consolidation	"Due Diligence" serves as an important management approach across several LONGi topics, including "Sustainable Supply Chain" "Business Ethics" and "Labour Rights" and therefore was not assessed separately.
Stakeholder Communication	Topic Consolidation	"Stakeholders Communication" serves as an important management approach across all topics, and therefore was not assessed separately.

In addition, based on external global sustainability trends, benchmarking against industry best practices, and internal considerations such as enhancing corporate governance effectiveness and ensuring business continuity, we added three ESG topics in 2025: Corporate Governance, Compliance and Risk Management, and Emergency Management and Business Continuity, to ensure the comprehensiveness and effectiveness of the Company's sustainability management.

Step 4: Materiality Assessment

Impact Materiality Assessment

For the 21 ESG topics, we conducted an in-depth analysis of relevant activities across each stage of the Company's value chain, and sorted out the impacts of LONGi's performance on each relevant topic on the economy, society, and the environment. Based on this, we developed an impact materiality assessment questionnaire and invited representatives of key internal and external stakeholders to participate. Impact materiality was assessed from the perspectives of "severity of impact", including the scale, scope, and irremediability of negative impacts, and "likelihood of occurrence". This year, we collected a total of 108 valid questionnaire responses from 11 categories of internal and external stakeholders, including shareholders and investors, governments and regulators, customers, suppliers and partners, media, communities and non-governmental organizations, industry associations, academic experts/scholars/professional organizations, the Company's directors and senior management, and employees.

Financial Materiality Assessment

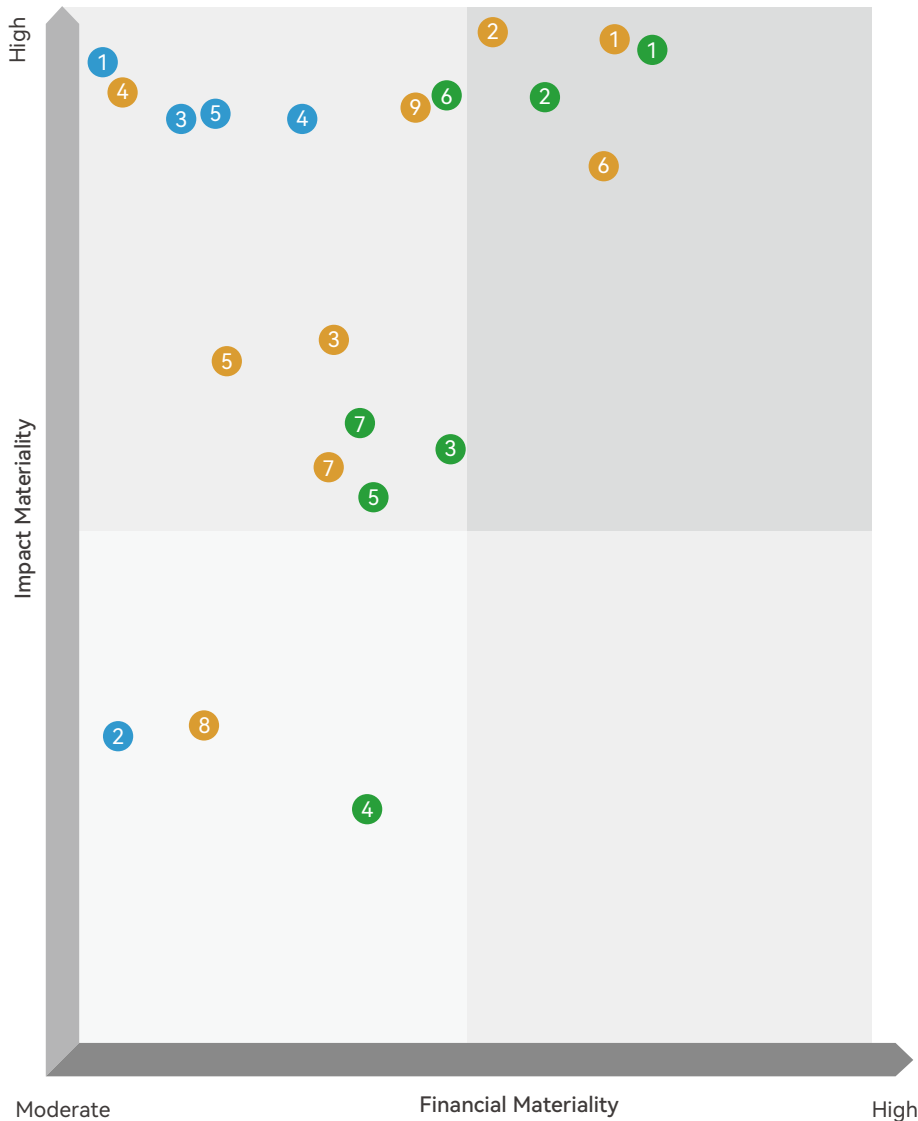
Based on the external sustainability environment and trends, as well as the Company's management and operations, we identified 35 risks and 13 opportunities related to ESG topics. To scientifically assess the financial materiality of these risks and opportunities, we invited 33 management representatives from the Company's management and business departments to evaluate their financial materiality over the short, medium, and long term from two core dimensions: "significance of financial impact" and "likelihood of financial impact". For the "significance of financial impact" dimension, we adopted a double assessment framework, taking into account their potential impacts on the Company's total assets and liabilities, as well as net profit attributable to shareholders of the parent company.

Step 5: Issue Review and Validation

Based on the survey results of impact materiality and financial materiality, we verified and adjusted the results through internal management communication and external expert discussions. Taking into account LONGi's ESG management resources and capabilities, we set materiality thresholds and developed a materiality matrix. The results of the double materiality assessment were submitted to the Strategy and Sustainability Committee of the Board of Directors for review, and the identified material topics are disclosed with emphasis in this report.

Results of the Materiality Assessment

The 2025 LONGi double materiality matrix is as follows:



Environment	Social	Governance
- Climate Change and Clean Technology R&D* - Energy* - Water and Effluents - Pollution - Waste - Resource Use and Circular Economy - Biodiversity and Ecosystems	- Innovation-driven and Intelligent Manufacturing* - Product and Service Safety and Quality* - Sustainable Supply Chain - Fair Treatment of SMEs - Labour Rights - Human Capital Development* - Occupational Health and Safety - Data Security and Privacy Protection - Social Contribution	- Business Ethics - Anti-Unfair Competition - Compliance and Risk Management - Emergency Management and Business Continuity - Corporate Governance

Note: *indicates topics of double materiality.

The assessment results show that five topics have both financial materiality and impact materiality, including “Climate Change and Clean Technology R&D” “Innovation-driven and Intelligent Manufacturing” “Human Capital Development” “Energy” and “Product and Service Safety and Quality”, while 13 topics have impact materiality only.

Based on the external environment of global sustainable development, and in alignment with LONGi’s overall strategic planning and business strategies, we analyzed the topics with financial materiality. During the Reporting Period and the next reporting year, the five topics with financial materiality are expected to have significant impacts on the Company’s total assets, liabilities, net profit attributable to shareholders of the parent company, and other financial indicators. The Company is gradually exploring feasible approaches to analyze, estimate, and assess the financial impacts of this year’s topics of double materiality, and discloses the relevant information in the corresponding sections of this report.

- For the five double materiality topics identified this year, the Company has provided responses covering governance, strategy, impact, risk and opportunity management, as well as metrics and targets in accordance with the *Guidelines* of the Shanghai Stock Exchange. Furthermore, we have added an “Intrinsic Motivation” section to the chapters on double materiality topics and “Sustainable Supply Chain”. This section systematically outlines LONGi’s fundamental understanding, value judgment, and strategic thinking regarding these topics. For the 13 topics with impact materiality and the 3 non-material topics, the Company has disclosed relevant information in this report by referencing mainstream international sustainability disclosure standards and combining them with our actual management practices.

Important Sustainability-Related Impacts, Risks, and Opportunities

We have also selected topics with double materiality and sorted out their impact types, impact scope, risks and opportunities, as well as their time dimensions. Please refer to the following table for details.

Impacts, Risks, and Opportunities of Topics with Double Materiality				
Topic	Impacts, Risks, and Opportunities	Description	Scope of Impact on the Value Chain ⁷	Time Horizon ⁸
 Climate Change and Clean Technology R&D	Positive Actual Impact	- LONGi's main business includes monocrystalline silicon wafers, battery modules, distributed photovoltaic solutions, utility plant system solutions, and hydrogen energy equipment, which can help promote the global adoption and application of clean technologies and mitigate the effects of climate change. - LONGi implements full life-cycle GHG emissions reduction, carries out energy-saving management and technical renovations, increases the use of green electricity, and reduces GHG emissions.	- Upstream Value Chain - Own Operations - Downstream Value Chain	- Short-Term - Mid-Term - Long-Term
	Negative Actual Impact	The upstream monocrystalline silicon segment of the value chain consumes a substantial amount of electricity. If the proportion of renewable electricity used in the production process is low, it will result in significant GHG emissions.	- Upstream Value Chain - Own Operations	- Short-Term - Mid-Term
	Risk	- Physical risks: Physical risks such as floods, changes in precipitation patterns, and water scarcity could have negative impacts on LONGi, including asset loss, reduced revenue, and increased costs. - Transition risks: Transition risks such as changes in resource prices, the shift to low-emission technologies and products, carbon markets and carbon pricing, and stakeholder expectations could lead to negative impacts on LONGi, including increased costs and decreased revenue.	Own Operations	- Short-Term - Mid-Term - Long-Term
	Opportunity	Amid growing demand for renewable energy equipment and solutions across various industries, LONGi holds a leading advantage in BC battery technology and BIPV products. The Company's strategic positioning in "green electricity + green hydrogen" and new energy equipment presents growth opportunities that will increase future operating revenue and cash inflow.	- Own Operations - Downstream Value Chain	- Short-Term - Mid-Term - Long-Term

7.Definition of value chain scope: The upstream value chain refers to the procurement of raw materials and key components for LONGi's new energy products and services, such as photovoltaics and hydrogen energy, involving suppliers and their related activities. Own operations refer to LONGi's R&D and design, manufacturing of key components, module manufacturing, and other core support business operations. The downstream value chain refers to activities such as the sales, operation, and maintenance of LONGi's new energy products, as well as the development, construction, and operation of new energy power plants.

8.Definitions of short-, medium-, and long-term: Short-term: 0-2 years, Medium-term: 3-5 years, Long-term: 6-10 years.

Topic	Impacts, Risks, and Opportunities	Description	Scope of Impact on the Value Chain ⁷	Time Horizon ⁸
 Innovation-driven and Intelligent Manufacturing	Positive Actual Impact	Reducing the production and usage costs of green products through technological innovation and intelligent manufacturing promotes innovative development in the photovoltaic industry, enabling affordable clean energy for all and mitigating climate change.	Downstream Value Chain	- Short-Term - Mid-Term - Long-Term
	Risk	- Failure to properly manage intellectual property could lead to infringement or being infringed upon, resulting in litigation costs or compensation and increasing operating costs. - The construction of digital systems, the application of advanced production technologies/equipment, and production line upgrades require additional capital investment, which increases operating costs.	Own Operations	- Short-Term - Mid-Term - Long-Term
	Opportunity	- Conducting technological innovation based on a deep understanding of customer needs and actively promoting intelligent manufacturing helps the Company respond more flexibly to market trends, enhance its product iteration and delivery capabilities, and increase operating revenue. - Measures such as enhancing digital management, introducing leading technologies, and advancing factory intelligent upgrades optimize resource utilization efficiency and human resource allocation, comprehensively improving operational effectiveness while reducing production line defect rates, shortening delivery times, and lowering manufacturing and operating costs.	Downstream Value Chain	- Short-Term - Mid-Term - Long-Term
 Human Capital Development	Positive Actual Impact	LONGi has established a talent development strategy and system that focuses on human capital development and management, providing employees with broad career development opportunities and sufficient rewards and incentives to foster mutual promotion between corporate growth and individual employee development.	Own Operations	- Short-Term - Mid-Term - Long-Term
	Opportunity	A robust talent development and training mechanism helps improve employee satisfaction and workplace performance, enabling the Company to continuously attract and retain outstanding talent, thereby reducing human resource costs and strengthening its market competitiveness.	Own Operations	- Short-Term - Mid-Term - Long-Term

Topic	Impacts, Risks, and Opportunities	Description	Scope of Impact on the Value Chain ⁷	Time Horizon ⁸
 Energy	Positive Actual Impact	LONGi has joined the RE100 and EP100 initiatives, increasing its use of green electricity through green electricity trading, renewable energy certificates, and on-site distributed renewable electricity. The Company also systematically develops its energy management system to promote energy consumption reduction and progressively decrease the use of non-renewable energy.	• Own Operations	• Short-Term • Mid-Term
	Negative Actual Impact	• LONGi's production and operational activities and its value chain (such as the upstream monocrystalline segment) continuously consume energy and natural resources.	• Upstream Value Chain • Own Operations	• Short-Term • Mid-Term
	Risk	• Against the backdrop of accelerated decarbonization and greening in the photovoltaic industry and regulatory requirements for the use of green electricity, LONGi's efforts to further expand the proportion of green electricity procurement, advance energy-saving technical renovation projects, and build information systems will increase production and manufacturing costs.	• Own Operations	• Short-Term • Mid-Term
	Opportunity	• By fully implementing the construction of its energy management system and continuously advancing energy-saving technical renovation projects, the Company reduces energy consumption and lowers energy usage costs.	• Own Operations	• Short-Term • Mid-Term
 Product and Service Safety and Quality	Positive Actual Impact	• By carrying out technological and product innovation and establishing a long-term product quality management and service system, the Company provides customers with highly reliable, high-quality products and services, extends product lifecycles, and creates value for customers.	• Downstream Value Chain	• Short-Term • Mid-Term • Long-Term
	Risk	• As competition in the photovoltaic industry intensifies, the pressure may lead to an increase in product quality issues, resulting in complaints, customer health and safety incidents, and higher customer maintenance costs, which can damage the Company's reputation and lead to a reduction in revenue.	• Downstream Value Chain	• Short-Term
	Opportunity	• LONGi insists on conducting technological and product innovation without compromising product quality, establishing a long-term product quality management system to provide customers with quality-assured products and high-quality, efficient, and high-standard services. This enhances customer satisfaction and loyalty, which in turn helps to improve the Company's market competitiveness and increase business revenue.	• Downstream Value Chain	• Mid-Term • Long-Term

Chapter 2

INNOVATIVE LONGi Defining the Industry Future

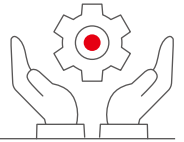
LONGi regards technological innovation as the core engine driving sustainable development. We have built a full-chain R&D system covering materials, equipment, and processes. By integrating digitalization and artificial intelligence, the Company drives breakthroughs in key technologies and supports industrial upgrading. These efforts help transform the energy system and enhance overall system value. We remain firmly committed to quality and safety. Through refined control across the entire process and standards that are stricter than industry norms, we ensure high product reliability and create long-term, sustainable value for our customers.

- Innovation-driven and Intelligent Manufacturing
- Product Quality and Safety

+ SDGs addressed in this chapter



Innovation-driven and Intelligent Manufacturing



Intrinsic Motivation

Innovation is key to helping the photovoltaic industry overcome development bottlenecks and achieve high-quality, sustainable development amid the global energy transition. As technology cycles accelerate, market competition intensifies, and global energy demand extends toward integrated PV-storage-hydrogen solutions, continuous technological innovation is essential for building core competitiveness and responding to market uncertainty with more predictable technological breakthroughs. LONGi recognizes that innovation in the photovoltaic industry is not limited to individual R&D projects. It is a systematic effort that spans the entire value chain and lifecycle. For this reason, we have positioned digitalization as one of the core engines of the Company's innovation-driven development, creating a dual-driver model together with PV product technology innovation. Our digitalization strategy is not only a key tool for improving operational efficiency and driving business transformation. It also provides a strategic foundation for managing complex global operations and making compliant, efficient decisions. This helps shift the value of innovation from a cost center to a model of profit co-creation.

Adhering to the development philosophies of “innovation as regeneration” and “digital intelligence as a driver”, LONGi has always grounded its innovation in long-termism, embedding it throughout the entire R&D, manufacturing, and service processes. In R&D, we focus on the synergy of integrated PV-storage-hydrogen technologies and full-stack in-house development, creating leading value for customers through fundamental technological breakthroughs. In manufacturing, our digital applications focus on reducing energy consumption and optimizing resources. We use an intelligent energy management system to coordinate equipment, production plans, and environmental factors in an integrated manner. We also rely on AI models to replace experience-based manual parameter adjustment, thereby reducing resource consumption and improving consistency in product quality. At the same time, we are systematically deploying cutting-edge technologies such as the Industrial Internet, 5G, and digital twins to build full-process data traceability. Through market-oriented innovation mechanisms and the development of specialized teams, we promote the scaled implementation and commercial application of our innovations.

Looking to the future, LONGi will continue to unlock the industrial potential of integrated PV-storage-hydrogen solutions through sustained innovation. The Company will advance digitalization from a tool for internal efficiency improvement to an enabler of ecosystem-wide value creation. It will build customer-oriented digital platforms to improve the operational efficiency and resource turnover of ecosystem partners. In this way, digitalization and intelligence will become core competencies alongside high-quality products. We firmly believe that platform-based capabilities can multiply the value of ecosystem collaboration. Through technology output and standard-setting, LONGi will help the industry shift from price-based competition to value-based competition. This is not only essential to LONGi's own strategic transformation, but also part of the LONGi solution for the global clean and low-carbon energy transition.



Strategy and Approach

Innovation and R&D System

Adhering to the technological innovation philosophy of “mass-producing one generation, developing the next, and reserving a third”, LONGi focuses on the frontiers of clean energy technology and has built an innovation and R&D system supported by organizational structures, institutional mechanisms, culture, and resources. The Company has introduced the IPD technology development process and built a digital R&D platform. Through collaborative insights based on technology information, LONGi systematically identifies key core technologies and plans technology development pathways.

In terms of organizational structure, the Company has established a Group Technology Management Committee and an expert review mechanism. These mechanisms coordinate technology planning, R&D decision-making, and outcome evaluation. They also strengthen project milestone management, promote efficient collaboration across R&D, production, supply, and sales, and ensure that innovation priorities remain closely aligned with the Company’s strategy.

LONGi’s technology R&D process system covers technology planning, full life cycle operational management of R&D projects, collaborative innovation across the industrial chain, university-enterprise cooperation, technology idea incubation, and innovation management. It also standardizes expert review operations across the Group. During the Reporting Period, the Company launched 13 processes for core technology development.

Technology R&D Process and Management System Documents

- Published:

Management Measures for Technology Insight and Benchmarking
Management Measures for Review Experts of the Group Technology Management Committee

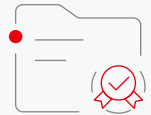
- Revised:

Management Measures for Technology Planning
Management Measures for Technology R&D Projects
Management Measures for External Standards



Innovation Award System

Management Measures for Major Technology and Product Contribution Awards in Science and Technology
Management Measures for Company-Wide Technology Innovation Projects
Management Measures for Group Employee Promotion
Management Measures for Project Organization and Operation



LONGi Innovation R&D Management System Framework

In building a culture of innovation, LONGi motivates its technical talent to pursue continuous breakthroughs through ambitious goals and strong incentives. The Company has established incentive mechanisms covering key technological breakthroughs, R&D processes, and career advancement. At the same time, the Company continues to increase investment in R&D resources, strengthen the recruitment and development of technical talent, and foster an atmosphere that encourages innovation. These efforts provide strong support for implementing its technology leadership strategy and achieving its long-term sustainable development goals.

Intellectual Property Protection

LONGi strictly complies with relevant domestic and international laws and regulations, including the *Patent Law of the People's Republic of China*, the *Trademark Law of the People's Republic of China*, the *Convention Establishing the World Intellectual Property Organization*, and the *Agreement on Trade-Related Aspects of Intellectual Property Rights*. The Company uses its *Intellectual Property Management System* as the guiding framework and has developed supporting management measures for patent protection, intellectual property risk incentives and assessment, intellectual property risk prevention and control, and intellectual property management in external technical exchanges. These measures ensure that intellectual property work is carried out in a standardized and efficient manner across multiple areas, including R&D early warning, risk prevention and control, quality management, and strategic planning.

LONGi has established an Intellectual Property Management Committee as the highest decision-making body for intellectual property management, which is fully responsible for formulating and implementing the Company's intellectual property strategy. Reporting to the Committee, the Group Intellectual Property Department centrally manages all intellectual property-related affairs. This ensures the effective protection, utilization, management, and maintenance of the Group's intellectual property. During the Reporting Period, the Company established a dedicated technology moat task force. Focusing on intellectual property, collaborative innovation across the industrial chain, and trade secret protection, the task force systematically built technological barriers and further consolidated its leading position in battery technology.

The Company has established a full-process intellectual property risk management system and has taken multiple measures to prevent intellectual property risks and effectively protect the outcomes of technological innovation.

Systematic Risk Prevention and Control Mechanism



The Company has established an intellectual property risk control mechanism that covers all business divisions and spans the full core business process. It integrates intellectual property protection into R&D, production, sales, supply chain management, and other key areas. This has created a full-process and all-business control mechanism for intellectual property risks, with in-depth vertical management and comprehensive horizontal coverage.

Comprehensive Risk Management



The Company systematically strengthens its intellectual property risk prevention and control work through early risk identification and warning, strategic planning and coordinated risk management, and enhancing the foundations of risk prevention.

Risk Monitoring and Early Warning



The Company has built an intellectual property risk monitoring system. Through mechanisms for information discovery, communication, and investigation, the system monitors intellectual property risks and issues early warnings. Based on local laws, regulations, and policy environments, the Company also develops intellectual property protection and risk prevention and control plans for both domestic and overseas markets.

Intellectual Property Risk Management Measures

Actions and Practices

Product R&D

Focusing on core technology breakthroughs and enhancing industrial competitiveness, LONGi systematically advances its R&D and innovation planning. The Company has established multiple specialized research labs focused on fundamental theories and forward-looking technologies. These labs conduct in-depth mechanism research and strengthen LONGi's source innovation capabilities. In application scenarios and product innovation, the Company closely follows the needs of specific market segments. It develops scenario-based products and differentiated solutions, continues to advance the R&D of ultra-high-power modules, and reduces system BOS costs. Through integrated "module + system" solutions, LONGi enhances overall delivery capabilities and customer value, thereby strengthening its competitiveness in end markets. In 2025, the Company achieved multiple breakthroughs in key technology areas such as wafers, cells, modules, green hydrogen, and green methanol. These breakthroughs laid a solid foundation for the next stage of technological upgrading and industrial expansion.

Wafers

- The Company has completed the R&D and full-scale mass production of products such as T-BC2.0, T-G12, and Yaoyang. It has achieved a full transition from N-type to T-type technology routes and built a full-format product covering P-PERC, N&T-type BC, TOPCon, and HJT technologies.
- Seven core wafer product roadmaps have been completed, with a roadmap achievement rate of over 80%. These roadmaps precisely match and support customers' stringent requirements. On the technology side, equipment upgrades and steel wire iterations have effectively reduced silicon-related costs, providing solid support for the market breakthrough of BC products.
- The Company's G12R monocrystalline process metrics and core slicing process indicators are industry-leading. Through a closely integrated and rapidly replicable model of "pilot line-benchmark line-mass production line", advanced processes are efficiently extended to mass production lines. This continues to strengthen core competitiveness in technology and production capacity.



Cells

- LONGi focuses on the development and mass production of high-efficiency, low-cost BC cell platform technologies. To reduce costs and improve the efficiency of BC cells, the Company carries out key technology projects in light management, passivation, metallization, and manufacturing processes. These efforts have delivered leading performance in power, cost, and overall product performance, and enabled the release of nearly 46 GW of production capacity across seven bases.

- In 2026, the Company's monocrystalline silicon solar cells achieved a breakthrough conversion efficiency of 28.13%, pushing the exploration of the limits of monocrystalline silicon photovoltaic cells to new heights. In 2025, the conversion efficiency of silicon-perovskite two-terminal tandem solar cells reached 35.1%, once again setting a new world record for silicon-perovskite tandem solar cell efficiency. The conversion efficiency of large-area (261.1 cm²) silicon-perovskite two-terminal tandem solar cells exceeded 34.11%, marking a major step toward industrial application.



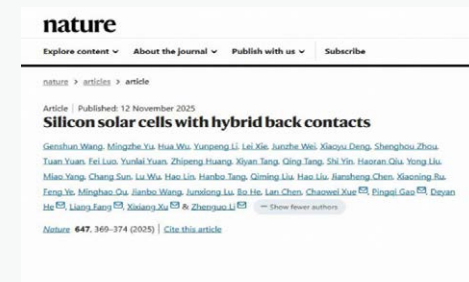
CASE STUDY

LONGi's two cutting-edge technological achievements featured in *Nature* and set new world records

Following three publications in *Nature* in 2024, LONGi continued to advance breakthroughs in high-efficiency crystalline silicon cell technology. In November 2025, the Company published two further research papers in *Nature*. This fully demonstrates LONGi's determination and research capabilities in leading the industry's high-quality development through technological innovation and addressing inefficient competition through concrete action.

In the field of high-efficiency back-contact cells, LONGi, in collaboration with research teams from Sun Yat-sen University, Lanzhou University, and other institutions, pioneered and validated the hybrid amorphous-polycrystalline back-contact (HIBC) structure. Through independently developed core technologies such as laser-induced local crystallization and in-situ edge passivation, the Company successfully achieved a certified monocrystalline silicon cell efficiency of 27.81%, setting a new world record. Currently, modules based on HIBC technology have reached a conversion efficiency of 25.9%, with output power exceeding 700 W in a standard 2.7-square-meter module format, laying the technological foundation for the industrialization of next-generation high-efficiency, low-cost silicon-based cells.

In the field of silicon-based tandem cells, LONGi, in collaboration with teams from Soochow University, Xi'an Jiaotong University, and other institutions, overcame challenges in stress control and process compatibility for ultra-thin crystalline silicon. The collaboration successfully developed ultra-thin silicon-perovskite tandem solar cells. The small-area device efficiency was certified by the US NREL at 33.4%, and the commercial-size flexible tandem cell was certified by Germany's Fraunhofer Institute at 29.8%. Both represent the world's first internationally certified efficiency records for flexible silicon-perovskite tandem solar cells, providing key technological support for the commercial development of lightweight and flexible application scenarios such as vehicle-integrated photovoltaics.



LONGi's achievements published in *Nature*

Modules

LONGi has launched high-efficiency products including Hi-MO 7 V3R, Hi-MO 9 V3, and Hi-MO X10 to meet needs across all scenarios, such as utility-scale and distributed generation. The Company has also introduced the S10 high-end series, further widening its lead over competitors. It has completed the iteration of various single-glass and dual-glass products, achieving an upgrade across its entire product line and laying a solid foundation for large-scale promotion. In addition, LONGi has deepened its presence in segmented markets, launching a variety of scenario-based products such as Panshi, Tai'a, Zaoxue, and Longyuan, as well as specialized products for fire resistance, lightweight applications, smart functionality, anti-glare, and anti-soiling single-/dual-glass modules, effectively enhancing product value and customer returns. The Company is also exploring and developing floating solutions and rapid module installation system solutions. These efforts support the implementation of green electricity solutions across all scenarios, drive the Company's business transformation from individual products to integrated value solutions, and help maintain its leading product competitiveness.

In 2026, the world conversion efficiency of the Company's independently developed BC modules reached 26.4%, setting a new world record for photovoltaic module conversion efficiency. During the Reporting Period, a module power of 700W was achieved with a standard module size (2,382 mm × 1,134 mm), and the new product was officially unveiled during SNEC. Based on its high-power, high-bifaciality technology platform, the Company increased bifacial module power to over 670 W and achieved a bifaciality rate of 80%. These core technology breakthroughs continue to drive cost reduction and efficiency improvement across the industry.

Hi-MO 9 V3 Module: Power Generation Advantages Throughout the Full Life Cycle

The Hi-MO 9 module features LONGi's proprietary HPBC 2.0 technology. Its busbar-free front-side design effectively improves light absorption and conversion efficiency, delivering greater power generation stability under complex conditions such as shading and uneven irradiation. High-quality raw materials and the advanced manufacturing processes of the "Lighthouse Factory", help ensure the module's long-term reliability and superior commercial returns.

- Authoritative Verification: Certified by Empower Engenharia, an authoritative institution in Latin America, the Hi-MO 9 module, based on second-generation BC technology, demonstrated outstanding power generation performance in Brazil's harsh environments. Its equivalent full-load hours reached 2,193 in the first year, over 2.30% higher than TOPCon modules. Leveraging its low degradation advantage, the power generation gain over its lifecycle reached 3.45%-3.59%.
- Awards and Honors: For its exceptional power generation performance and superior quality, the Hi-MO 9 was honored with the top award for "Quality-Excellent PV Module" in the PV module category at TÜV Rheinland's 2025 "All Quality Matters" awards.

Hi-MO X10 Module: A Dual Benchmark for Efficiency and Safety

The Hi-MO X10 module, leveraging our proprietary HPBC 2.0 technology, has achieved a mass-production cell efficiency of over 27%, and an open-circuit voltage of 745 mV, significantly reducing current loss. Its original design increases bifaciality to 75% and overcomes the performance bottleneck of traditional back-contact cells. The module's unique quasi-bypass diode structure enables current to bypass shaded areas, reducing power loss by over 70% compared with TOPCon products. Additionally, its power temperature coefficient is superior to the industry benchmark, ensuring stable output in high-temperature environments.

○ Authoritative Verification:

In June 2025, it received Grade A certification for anti-shading performance from the internationally authoritative testing and certification body TÜV Rheinland of Germany.

In September 2025, it was awarded the industry's first "triple-protection" module test certificate by the National Center of Supervision and Inspection on Solar Photovoltaic Product Quality.

In October 2025, its Jizhijia lightweight dual-protection module obtained a Grade AAA certification for lightweight photovoltaic modules from TÜV Rheinland, making it the first BC product in the photovoltaic industry to receive the highest level of certification under this standard.

○ Awards and Honors:

In May 2025, it won the "Photovoltaics" category of The smarter E AWARD, which is hailed as the "Oscars" of the energy industry.

In December 2025, it received the annual "Module Award" from *pV magazine*, with the jury noting that the product represents the technological route most likely to push single-junction silicon cells toward their practical performance limits.

Green Hydrogen

LONGi is advancing full-chain innovation based on “equipment + modular systems + intelligent O&M”, and has launched the HyBlock modular solution and the HySmart intelligent O&M platform, achieving a first breakthrough in system solutions and smart O&M.

- **LONGi HyBlock: A solution for large-scale green hydrogen, from complexity to efficiency**

LONGi HyBlock breaks from the design approach for indoor green hydrogen plants by moving complex integration work to the factory. Through standardized prefabrication, it enables large-scale outdoor hydrogen production, reduces CAPEX by approximately 35%, shortens production and delivery cycles by about 40%, and cuts on-site construction time by around 65%. This effectively addresses industry pain points such as complex integration, high investment, and long project cycles, and is adaptable to diverse global climate environments, including high temperatures, severe cold, and humid coastal environments.

- **LONGi HySmart: Long-term reliability driven by digital intelligence**

Integrating digital twins and AI algorithms, LONGi HySmart combines monitoring, diagnosis, and control functions to monitor over 30 safety indicators around the clock, reducing inspection time by approximately 80%. It provides 72-hour fault warnings for pump equipment with an alarm accuracy rate exceeding 98%, significantly lowering the risk of downtime and creating a closed-loop diagnostic process. Through energy consumption analysis and digital control, DC power consumption is reduced by an average of 1.2% in certain scenarios, helping to lower operating costs and the leveled cost of hydrogen.

Green Methanol

Focusing on the three core goals of cost reduction, carbon reduction, and production increase, LONGi concentrates on two core platforms: biomass gasification technology and green hydrogen coupling technology. The Company strategically develops key technologies such as diversified raw material compatibility, high-efficiency biomass pretreatment, pressurized gasification, and methanol production coupled with green hydrogen. It continues to drive core technological breakthroughs and is committed to building a green and low-carbon competitive advantage.

Intelligent Manufacturing

LONGi regards advanced manufacturing processes as a key carrier of technological innovation. The Company promotes the deep integration of intelligent manufacturing and cutting-edge technologies to continuously enhance its industrialization capabilities and core manufacturing competitiveness. The Company deeply integrates automated production lines, the Industrial Internet of Things (IIoT), and 5G technology to build a digital management system covering the entire process. While leading industry standards for intelligent manufacturing, this enables the efficient translation of technological breakthroughs into large-scale mass production. Guided by a scientific maturity model, the Company has established regular management, control, and communication mechanisms. These mechanisms accurately identify pain points and optimization opportunities across production and operations. This systematically enhances the level of lean operations in manufacturing and promotes the deep application and effective implementation of automation and intelligent technologies throughout the production chain. Building on its own manufacturing strengths, LONGi actively explores upgrade paths for intelligent manufacturing, providing replicable practices for the photovoltaic industry to improve production efficiency and reduce resource consumption, thereby powerfully advancing the industry toward a new stage of high-quality development.



Digitalization Strategy

LONGi adheres to a digitalization strategy driven by both management excellence and digital intelligence technology, aiming to build a customer-centric, process-oriented, and agile organization to support the Company's efficient operations. It is committed long-term to using digital and intelligent innovation capabilities to empower the full lifecycle management of photovoltaic power plants, covering planning and design, trading and operations, and supporting services. Following the "one body, four modernizations" development path, LONGi aims to achieve comprehensive digitalization in core areas and create intelligent value in key domains through three to five years of digital construction, becoming a benchmark for digital intelligence in the photovoltaic industry.

To ensure the smooth advancement of its digital and intelligent transformation, LONGi has established a Digitalization Center as the management organization for related initiatives. This center formulates the Company's overall digitalization strategy and builds a process management system covering planning, development, operations, and governance for MBT&IT (management of business transformation & information technology). By creating a digital line-management system encompassing management change, processes, and data, the Company continuously promotes and supports the fulfillment of responsibilities by business OWNER. It also provides solid IT and AI products, as well as information security technology platforms, to support business development. Supported by a professional team of over 500 people and project investments amounting to billions of RMB, LONGi has provided strong resource support for comprehensive enterprise-wide digital and intelligent transformation.

LONGi's digital application systems now cover core business areas such as product R&D, marketing, supply chain, and production and manufacturing, significantly enhancing operational efficiency and management effectiveness across each segment.



R&D

The Company has fully implemented the IPD (Integrated Product Development) technology development process, driving the digital transformation of product development and laboratory management. It has connected the data flows for "R&D-sales collaboration" and "R&D-production linkage". By building a standardized product data system, the Company ensures data quality at the source, thereby significantly improving R&D efficiency and shortening development cycles.



Marketing

The Company has achieved full-process integration and closed-loop digital management from lead to contract, order to payment collection, and after-sales service. Focusing on customer satisfaction, it connects sales, channel partners, installers, and end users. This transforms brand interaction from simple outreach into deep integration with business processes and comprehensively enhances the customer experience.



Supply Chain

The Company has achieved end-to-end integration of the ISC (Integrated Supply Chain) process. It has built a full-process visualization system covering demand, production scheduling, shipment, logistics execution, in-transit tracking, and order receipt confirmation. This creates a reliable and agile supply support system and significantly improves overall order delivery efficiency.

AI Applications

LONGi drives green upgrades with big data and artificial intelligence, integrating smart technologies into advanced photovoltaic manufacturing and full lifecycle services. The Company has widely deployed AI systems in fields such as intelligent manufacturing and power station development, strengthening the synergy among professional services, smart hardware, and system tools.

CASE STUDY

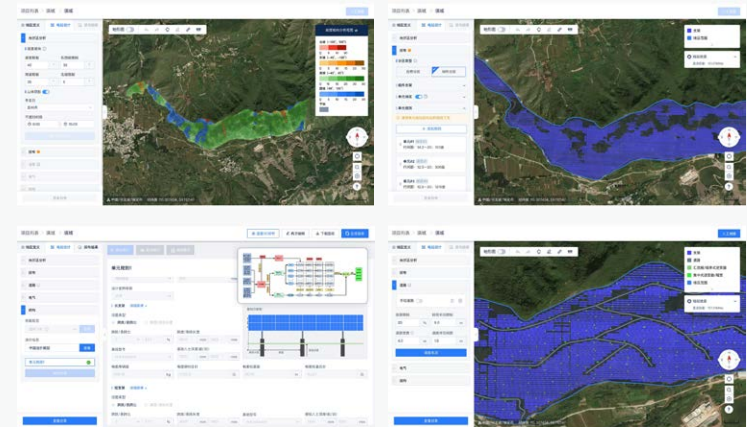
AI and digital twins help reduce costs and increase efficiency in battery manufacturing

The Company's Battery Manufacturing Center, in collaboration with the Digitalization Center, launched the "AI-Based Parameter Adjustment for Battery Screen Printing and Wet Weight" project. This project integrates AI algorithms and digital twin technology to create a dual-driven model of "expert experience + AI intelligence". It enables precise and intelligent control of silver paste consumption and directly addresses a key cost-reduction pain point. The project integrates imitation learning, reinforcement learning, and expert models. It uses AI algorithms to optimize process parameters and maximize the reduction of silver paste usage while ensuring production safety, significantly improving resource utilization efficiency. Concurrently, the project has established a dedicated safety warning mechanism that adapts in real time to the production conditions at each base. Yellow alerts are used to quickly flag abnormalities, supporting the stable implementation of the AI system and providing dual safeguards for cost reduction and safety. This innovative practice not only effectively responds to fluctuations in raw material costs, but also provides a replicable technological path for the green and intelligent transformation of photovoltaic manufacturing.

In 2025, the Company launched the Sinan Service Solution, which adopts a "basic O&M + professional technical services" model. By combining smart hardware with big data and AI capabilities, it promotes quality, efficiency improvements and risk management throughout the entire lifecycle of photovoltaic power stations—from design and construction to O&M and trading. This fully upgrades the quality and efficiency of power station O&M, reduces the levelized cost of energy (LCOE), and increases the internal rate of return (IRR), providing intelligent support for the high-quality development of the energy industry.

Sinan Pioneer One-Stop Design Platform

The platform focuses on the design phase of photovoltaic power stations and provides a fully automated one-stop design solution. It integrates core capabilities such as intelligent terrain analysis, refined module layout, and intelligent layout and structural design optimization, reducing the design cycle from several weeks to just 15 minutes. Based on cell-level I-V curve simulations, the platform accurately quantifies shading losses in mountainous terrain to achieve high-precision power generation forecasting for complex-terrain projects. It also establishes a standardized 3D simulation system and multi-dimensional resource libraries, including module and cost databases, providing scientific planning and investment decision support for high-precision designs across various scenarios.



Centralized photovoltaic power station development and design platform with integrated intelligent planning functions

Sinan Challenger Performance Analysis Platform

Focusing on the operation and maintenance phase of utility-scale photovoltaic power stations, the platform leverages massive operational data and intelligent algorithms to build a closed-loop management system encompassing "power generation loss breakdown – equipment alerts – work order coordination". This enables precise string-level diagnostics and supports predictive maintenance. By accurately identifying points of efficiency loss and equipment failure, it generates targeted O&M recommendations, providing data-driven guidance for troubleshooting and performance optimization. The platform now covers multiple scenarios, including agrivoltaic projects, mountain power stations, large-scale utility power stations, and domestic and overseas markets. Through refined and intelligent upgrades, the platform helps unlock the potential of green energy generation and ensures stable and efficient power station operations.

Collaborative Innovation

LONGi is dedicated to building an open, inclusive, collaborative, and mutually beneficial innovation ecosystem. The Company has formulated policies for external innovation cooperation, including the *Administrative Measures for External Technical Cooperation Projects* and the *Administrative Measures for Collaborative Innovation Business*. These policies support the systematic development of its ecosystem and operating platform, and promote university-enterprise cooperation, industrial resource collaboration, and diversified partnerships. By collaborating with academic teams, industry peers, and partners across industry, academia, research, and application, LONGi continues to develop key technologies in materials, equipment, and processes across the photovoltaic industry chain. Building on its technological innovation achievements, the Company actively contributes to technological advancement and industrial development in the sector.

Guided by the principle of “Collaborative Sharing and Win-Win Innovation”, LONGi is building a “Partner + LONGi” collaborative innovation ecosystem. In August 2025, the Company officially launched the “Zhongxingzhe Plan” in Jiaxing, establishing a comprehensive system with a dedicated organization, end-to-end processes, full-process tracking, and a benefit-sharing mechanism. This initiative aims to build an open innovation ecosystem centered on independent innovation, collaboration, intellectual property protection, and business protection, working alongside industry chain partners to promote sustainable development in the industry. In 2025, LONGi conducted technical alignment with 191 ecosystem partners worldwide, reached 55 cooperation agreements with 44 partners, and completed 23 technology initiatives across the industrial chain. These initiatives covered seven major fields: silicon wafers, cells, modules, system solutions, hydrogen energy, biomass, and engineering technology.

Industrial Chain Collaboration

Through deep collaboration with ecosystem partners, we have tackled core technical challenges across the full chain of materials, equipment, production, and processes, including the roll forming of high-strength steel frames and high-reflectivity black backsheets. We have also jointly developed industry standards for steel used in modules, providing comprehensive support for the high-quality development of the BC industry and setting a benchmark for collaborative innovation across the photovoltaic industry chain.

Industry Exchanges

In 2025, LONGi participated in numerous domestic and international industry exchange activities, including the Summer Davos and Winter Davos, the Central Plains Original Technology Forum, the Boao Forum for Asia, the China Development Forum, the Global Energy Interconnection Conference, the 19th China International Forum on New Energy, the 8th China Enterprise Forum, COP30, and the S&P Global Platts Global Energy Awards. Through these engagements, LONGi joined global authorities and industry partners in exploring pathways for collaborative development in new energy.

University-Enterprise Cooperation

The Company continues to deepen the integration of industry, academia, and research. We have established cooperative relationships with renowned domestic and international universities and research institutes, including Xi'an Jiaotong University, Lanzhou University, Northwestern Polytechnical University, Beijing University of Technology, the National Innovation Center par Excellence in the Yangtze River Delta, and the University of Konstanz. These partnerships focus on joint research into key technologies such as thermal fields, perovskite/crystalline silicon cells, AI, and hydrogen energy. During the Reporting Period, the Company initiated seven new projects addressing technical challenges while further strengthening its relationships with external institutions.

CASE STUDY

LONGi and China Three Gorges Corporation jointly establish a national-level perovskite technology laboratory

In March 2025, LONGi signed a cooperation agreement with China Three Gorges Renewables and the China Three Gorges Corporation Research Institute to jointly establish the “National Energy Key Laboratory of Perovskite Photovoltaic Technology”. The laboratory focuses on in-depth research to tackle key technical challenges in areas such as mass-production processes for perovskite cells, efficiency improvement for tandem cells, and core equipment integration. Through comprehensive and deepened cooperation in new energy projects, technological innovation, and industrial resource collaboration, the three parties aim to accelerate breakthroughs in industry technical bottlenecks and drive the photovoltaic industry’s transition from “Made in China” to “Created in China”. This collaboration not only reshapes the industrial ecosystem, but also provides a key driver for photovoltaic technology upgrading, reductions in the levelized cost of electricity, and high-quality development.

Targets and Performance

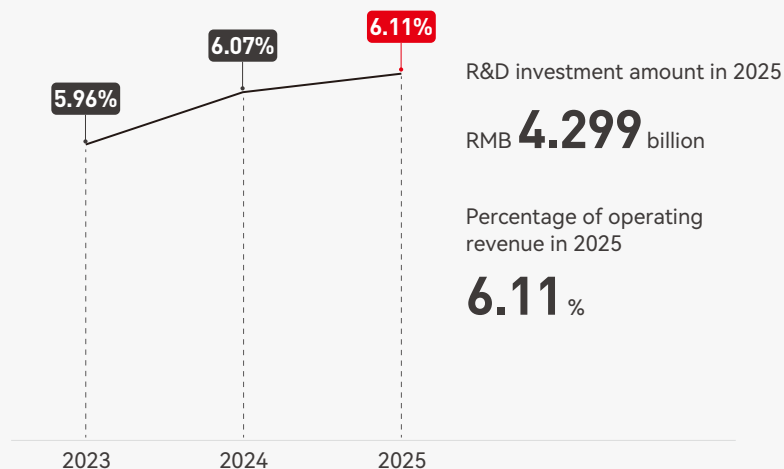


Technological Innovation Targets

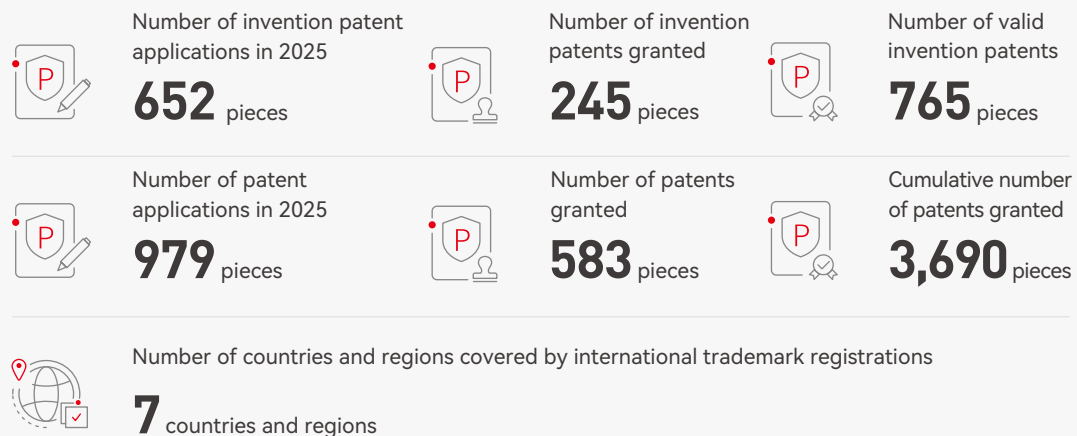
- In 2026, maintain R&D expenditure as a percentage of revenue at over **5%**

Technological Innovation Performance

R&D investment as a percentage of operating revenue for three consecutive years



Number of Patents



Standard Setting



As of the end of the Reporting Period, the cumulative number of external technical standards developed, revised and published with our participation

269 items



In 2025, LONGi participated in the development or revision of a total of external technical standards

97 items

National standards

27 items

Local standards

3 items

Industry standards

25 items

Group standards

42 items

Product Quality and Safety



Intrinsic Motivation

Product quality and safety are the cornerstone of LONGi's green development mission and a core foundation supporting its strategic leap toward PV-storage-hydrogen integration. They are also critical to the long-term sustainable development of the photovoltaic industry. The 25-to-30-year service life of photovoltaic products means that quality and safety are not merely manufacturing and technical metrics. They also represent a long-term value commitment by the Company to its customers and the industry. LONGi recognizes that, in the new era, high quality has expanded from power generation performance alone to a multidimensional coordination across full-process traceability, inherent low-carbon attributes, and full-lifecycle transparency, with reliability as the non-negotiable bottom line of quality.

In response to global market fragmentation and the diversification of technologies and business models, LONGi focuses on three key dimensions: setting scenario-based product standards, obtaining comprehensive third-party verification, and empowering customers with tiered value. Through full-lifecycle product management, the Company upholds its commitment to high-quality delivery for customers amid intense competition. LONGi adheres to the fundamental principle of "rejecting price competition at the expense of reliability". At the strategic level, LONGi has elevated reliability management to the Group level, integrating relevant resources to establish a dedicated reliability management department and ensuring priority resource allocation. At the technical level, the Company has built a reliability verification system covering the full R&D and manufacturing process. Through accelerated aging tests, it sets sufficient safety margins for its products. Concurrently, we collaborate with upstream and downstream partners to promote an understanding of reliability. It encourages the industry to shift its consensus from price-based competition to shared value, and reinforces the foundation for high-quality development in the photovoltaic industry through a long-term perspective.

LONGi is committed to driving the transition of Chinese photovoltaic brands from being associated with "low price" to being recognized for "reliability", thereby reshaping global credibility. We build a foundation of trust through technological leadership, demonstrating our sustained innovation capabilities with benchmark mass-production efficiency and cutting-edge developments in areas like perovskites. We build bridges of trust through authoritative international certifications, and third-party endorsements that cover global markets, helping build global recognition of the quality of Chinese photovoltaics products. We demonstrate long-term value through stable operations, breaking down one-sided perceptions in the international market. In the future, the Company will continue to lead industry transformation through quality innovation, construct quality standards for all scenarios, deepen quality collaboration across the industrial chain, and fortify the global credibility of Chinese photovoltaic brands. Through robust quality and safety safeguards, we will inject lasting green momentum into the global energy transition.



Strategy and Approach

Quality and Safety Governance

LONGi views product quality and safety as a cornerstone of its sustainable development. We believe that superior photovoltaic products should deliver reliability and intrinsic safety throughout their entire lifecycle. By continuously refining product design and manufacturing standards, we are committed to making our products a green safeguard for customer assets and fulfilling our firm commitment to a green future through robust and reliable product capabilities.

The Company strictly complies with the *Product Quality Law of the People's Republic of China*, the *Standardization Law of the People's Republic of China*, and other applicable laws and regulations, as well as authoritative domestic and international standards. We continuously improve our quality management processes and control mechanisms, enhance employees' awareness of quality and their ability to identify and address issues, and promote the deep integration of our institutional systems with business practices. These efforts enhance quality control across the entire process. We have established a hierarchical quality management structure covering the Group, various centers/business divisions, and production bases, clarifying the responsibilities and authority of the Quality Management Committee and relevant functional departments. This has formed a quality governance system with clear responsibilities and efficient collaboration, ensuring that accountability is effectively implemented.

Quality Management System

Drawing on internal quality system maturity audits and internal assessments by various centers, LONGi systematically identifies areas for quality improvement. The Company optimizes its systems and processes in key areas such as product quality management, process quality control, and system operation mechanisms. Concurrently, it enhances the development of quality systems for newly established organizations, continuously improving the maturity and operational effectiveness of its quality management.

The Company has built a quality management system that covers its entire value chain, using domestic and international standards as benchmarks and aligning with advanced industry practices while integrating its own business characteristics. As of the end of the Reporting Period, all production bases in stable operation had obtained ISO 9001 Quality Management System certification. LONGi Leye had also obtained IEC 62941 certification for its photovoltaic module manufacturing quality system and a five-star rating under the GB/T 27922 After-sales Service System certification.

- In June 2025, LONGi's products received the "Overall Highest Achiever" award in RETC's 2025 PV Module Index Report and the "Top Performer" recognition in PVEL's 2025 PV Module Reliability Scorecard thanks to their outstanding reliability, performance, and quality. As of the end of the Reporting Period, LONGi had received the RETC award for seven consecutive years and PVEL Top Performer recognition eight times in total, fully demonstrating the Company's sustained leadership in global PV module reliability and performance.
- In June 2025, the LONGi Hi-MO 9 module received certification from TÜV SÜD for passing a series of stringent tests, including 2x harsher PID-p (PPP 58234A:2025 & IEC TS 62804-1), high temperature stress (IEC TS 63126:2020), and extended thermal cycling (IEC 62892:2019). The test results showed that the module's performance was stable with controlled degradation under high temperatures, strong electric fields, and extreme temperature differences. This demonstrates strong resistance to polarization, weathering, and thermal cycling, providing strong support for long-term reliable operation in complex environments.
- In September 2025, LONGi's second-generation BC module, the Hi-MO 9, won the "Quality-Excellent PV Module" award for its superior product quality and all-round power generation performance with "zero weaknesses". The Hi-MO X10 lightweight module, designed for distributed scenarios, and the Hi-MO X6 Max monofacial anti-soiling module won the "Lightweight PV Module" and "PV Module Outdoor Energy Yield" awards, respectively. As of the end of the Reporting Period, LONGi had received the "All Quality Matters" awards in the PV module category for nine consecutive years. The Hi-MO X10 lightweight module also passed authoritative assessments by TÜV Rheinland across multiple dimensions, including UV resistance, damp-heat resistance, power generation performance per unit of mass, and flame retardancy.



During the Reporting Period, the Company received 47 quality-related honors and awards, including recognition as a model case of "International Quality Management Innovation and Integration" at the 6th China Quality Conference, the CSTM Standards Innovation Contribution Award, first prize in the National Six Sigma Case Competition, and the special grand prize for a Zhejiang Province Chief Quality Officer typical case of quality reform and innovation.



Product Lifecycle Quality Management

LONGi champions high quality with high standards, and deeply embeds the “Lifecycle Quality” concept into its product DNA. This concept runs through every stage, from product design and production to application, ensuring excellent quality standards throughout. The Company has built a standardized and tiered quality data warehouse to enable full-lifecycle quality traceability from suppliers to customers. Based on four main data lines, namely supplier data, component data, product data, and customer data, LONGi creates individual archives for each supplier, component, product, and customer. The system supports one-code traceability, as well as forward and reverse traceability, ensuring quality traceability and transparency.



Actions and Practices

Development of Quality Information Systems

Based on its digital enterprise strategy, LONGi continuously improves its integrated quality system, which incorporates management systems for quality, environment and safety, social responsibility, traceability, and reliability. Supported by human, financial, and digital resources, the Company works with management platforms for legal, commercial, brand, and audit functions to implement best practices in R&D, manufacturing, power stations, hydrogen equipment, procurement, suppliers, customers, and social welfare. These efforts enhance overall operational and management efficiency.

Leveraging its “1+7+1” quality information management system, the Company covers the entire process of quality data from collection and management to analysis. Through its quality big data platform and BI (Business Intelligence) analysis tools, it has built a three-level indicator system for the group, centers/business divisions, and bases. This system connects the entire chain of wafers, cells, and modules, forming a systematic co-development mechanism of “unit collaboration, professional review, and business line coordination”. It accumulates and governs quality data, establishes a full-lifecycle traceability chain, covering prediction, monitoring, diagnosis, and optimization. This enables closed-loop quality management and forward-looking decision-making, while continuously unlocking the value of quality data assets.



LONGi's "1+7+1" Quality Information Management

Quality Risk Prevention and Control

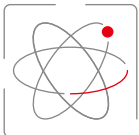
LONGi has established a comprehensive quality risk prevention and control system that covers three key stages: risk prediction and identification, system auditing and supervision, and hazard and incident management. Through digital technologies and management transformation, the Company enables systematic control and closed-loop improvement of quality risks.

Quality Risk Prediction and Identification

LONGi actively promotes the deep integration of artificial intelligence and quality management. The Company has built an intelligent quality risk prevention and control system centered on data-driven, forward-looking early warnings, continuously enhancing product reliability and lean manufacturing capabilities.

- **Automated process capability statistics:** This addresses the key pain points of traditional statistics, such as “reliance on manual work, inconsistent standards, and difficult traceability”, by leveraging “automated data collection, standardized output, and intelligent alerts” to reduce costs, increase efficiency, and improve quality in quality control. The system interfaces with testing equipment and visual inspection systems to automatically capture defect data, sample sizes, and testing parameters, increasing data collection efficiency by 80%. It also automatically flags anomalies, transforming improvement triggers from “passive responses” to “proactive alerts”, boosting traceability efficiency by 80%, and enabling horizontal and vertical comparability of data across multiple batches, production lines, and products.
- **Digital and information-based diagnostics:** This function builds an efficient and precise data foundation for quality management decisions. By using data to reconstruct manual statistical processes, the Company developed and deployed digital reports focusing on six core areas throughout the year. These reports reduced quality statistics costs and, in conjunction with real-time alert mechanisms, achieved the strategic goals of “cost control and risk prevention”. They saved 7 hours of manual statistical work per day, significantly enhancing the standardization of quality inspections and markedly reducing labour costs.

- **Intelligent attribution and alerts:** AI algorithms, including knowledge graphs, are used to automatically classify types of non-conforming products and clustered equipment anomalies, enabling instant push notifications for similar risks and generating fault cause analysis and improvement plans.
- **Improved response efficiency:** The cycle from quality issue discovery to resolution is significantly shortened, overcoming the bottleneck of delayed responses in traditional models and making quality risks controllable and traceable.



AI Visual Inspection System

Knowledge Graph-Assisted Decision-Making

Quality Management System Audits

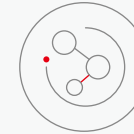
LONGi has established a quantitative evaluation system based on GB/T 19000 *Quality Management Systems—Fundamentals and Vocabulary*, T/CAQ 10102 *Guidelines for Maturity Evaluation of Quality Management Systems*, and GB/T 19580 *Criteria for Performance Excellence* to measure the maturity and performance of its quality management system. Concurrently, the Company continuously strengthens the digitalization of its internal audit processes, continues to optimize the IAS integrated audit system, and enables end-to-end online management from planning and execution to rectification and follow-up.

In 2025, the Company deepened its management transformation around quality risk prevention and control, promoting the transition of internal quality management from “conformity audits” to “effectiveness audits”, which fundamentally marked a paradigm upgrade from “system review” to “system audit”. Audits throughout the year focused on high-risk business scenarios, strengthening closed-loop rectification and system enablement to build a replicable and scalable quality management model characterized by “strict audits, strong closed-loop management, and effective enablement”. Through hands-on audits and specialized seminars, the professional capabilities of the internal evaluator team and the quality system thinking of business personnel were systematically enhanced, laying a solid system foundation for building a quality culture and improving core competitiveness.



Audit Methods

- **Special audits:** Focusing on high-risk operations, 12 special audits were conducted on high-risk business processes throughout the year to inspect the adoption and implementation of rules at the Group, center, and base levels.
- **Maturity assessments:** Evaluation standards were optimized, and leveraging the upgraded IAS integrated audit system, a model combining “external experts and internal evaluators” was used to complete comprehensive assessments of 31 organizational units.



Rectification and Closure

- **Special audits:** For the 351 system compliance issues identified, a five-step closed-loop management mechanism was established (online submission, offline verification, progress disclosure, special seminars, and system improvement).
- **Maturity assessments:** For the 748 issues identified, a strict closed-loop mechanism for problem improvement was established to drive systemic improvement and prevent recurrence through discussions with responsible persons, progress reporting, and specialized management.

During the Reporting Period, the Company engaged a third-party professional institution to conduct annual audits of its QEHS management system at the Group headquarters, business unit headquarters, and all production bases. These audits reviewed the operational effectiveness and compliance of the quality management system, ensuring it was “genuinely implemented, effectively executed, and continuously improved”. All relevant system certifications remained valid. A total of 39 quality management issues were identified during the audits, all of which were rectified.

achieving a rectification
completion rate

100%

Hazard and Incident Management

LONGi has established the *Group Quality Hazard and Incident Management Measures*, creating a closed-loop management mechanism for tiered reporting, analysis and resolution, review and accountability to ensure that every quality incident is handled in a standardized, efficient, and traceable manner.

We periodically review the applicability and effectiveness of our quality management system. Leveraging digital technologies, we are shifting risk prevention from “post-incident response” to “early warning at the source” by implementing dynamic monitoring of potential hazards. At the same time, the Company has established a rapid-response emergency management mechanism to ensure product disputes are handled promptly and properly, minimizing impact on customers and reinforcing the quality foundation for sustainable development.

Product Recall Management

The Company has established comprehensive product recall management procedures, and clearly defined the processes for both proactive and reactive recalls. In the event of a product recall, the Company will promptly prepare a recall report detailing the reasons, scope, and handling results. It will also formulate targeted corrective and preventive measures to prevent similar incidents from recurring, thereby effectively safeguarding consumers' rights and interests.



Product Design Stage

Products undergo IEC 61730 and UL 61730 photovoltaic module safety qualifications to assess safety risks such as electric shock and fire hazards, thereby identifying and mitigating potential product hazards.



Raw Material Selection

We adhere to strict standards and specifications, avoiding the use of substances harmful to human health wherever possible to reduce health risks at the source.



After-Sales

Provide customers with sufficient environmental, health, and safety information to ensure safe use. Regularly collect customer feedback and actively respond to their concerns regarding environmental, health, and safety aspects. Continuously monitor product safety risks and promptly initiate recall and disposal actions upon discovering product defects or safety hazards.

Building a Quality Culture

The Company compiled and released the *LONGi Quality Culture Handbook* to build a shared understanding of quality values among all employees, promote the standardized and sustainable operation of its quality culture management mechanism, and foster a collaborative quality ecosystem. In 2025, the Company continued to increase its investment in quality capability building. It focused on qualification requirements and core competency development for quality-related roles, and systematically developed professional courses covering key areas such as quality systems, R&D quality, quality engineering, quality control, reliability, and measurement management. These efforts effectively broadened career development paths for employees, supporting their professional growth and enhancing the organization's overall quality capabilities.



LONGi Quality Culture Handbook

Targets and Performance



Product Quality and Safety Targets

- Zero major product recall incidents
- Zero major or critical product safety accidents or administrative penalties

Product Quality and Safety Performance

» In 2025



Quality-related training
sessions conducted

60+ sessions

Total course
hours

500+ hours

Training attendance

48,000+ person-times



Major product
recall incidents

0 cases

Major or critical product
safety accidents and
administrative penalties

0 cases



Chapter 3

GREEN LONGi Powering the Energy Pulse

LONGi upholds a systematic, holistic life-cycle environmental governance philosophy, continuously broadening and deepening its environmental management system. Building on its adherence to the Environmental Management Control Procedures and various environmental aspect management policies, in 2025, the Company strategically extended its management scope from the conventional management of “water, air, noise, and solid waste” to include nature conservation and biodiversity protection, promoting the deep integration of biodiversity management into the existing environmental management system.

- Addressing Climate Change and Clean Technology R&D
- Energy
- Water and Effluents
- Pollution
- Waste
- Resource Use and Circular Economy
- Biodiversity and Ecosystems

+ SDGs addressed in this chapter



In the assessment and risk management of environmental issues, LONGi has established a dual assessment mechanism that combines macro-level risk identification with micro-level factor control. On one hand, the Company conducts annual organizational environmental assessments to comprehensively identify internal and external environmental risks and opportunities and formulates targeted control measures to ensure that risks remain manageable. On the other hand, based on the newly issued *Management Policy for Identification and Evaluation of Environmental Factors*, it performs detailed identification of environmental factors in activities, products, and services across the entire value chain, pinpointing significant environmental aspects and adopting classified control measures to reduce its operational environmental footprint.

At the implementation and supervision level, LONGi continues to deepen the promotion and implementation of the E20 Environmental Management Model, strengthening holistic life-cycle environmental performance monitoring, as well as energy and waste assessments across its sites. Concurrently, the Company has established an ecological environment simulation inspection mechanism, inviting external experts and the Group's EHS director to form an inspection team to examine potential challenges from the rigorous perspective of central environmental protection supervision, driving continuous improvement and high-quality development of environmental management.

In 2025, LONGi conducted an analysis of its climate- and nature-related impacts. For a detailed analysis of LONGi's strategy and financial impacts regarding responding to climate change and natural capital management, please refer to the Company's publications: the *2024-2025 Climate Action White Paper of LONGi* and the *2024 Taskforce on Nature-related Financial Disclosures (TNFD) Report*.

Key Performance:

As of the End of the Reporting Period,

All production sites are covered by ISO 14001 Environmental Management System Certification.

100 %



National, provincial, and municipal-level Green Factory certifications

13



Sites certified for "zero-waste factory"

2

National-level green design demonstration enterprise for industrial products

1

Green supply chain management enterprise

1

National-level green design products (silicon wafers, cells, and modules)

3

Production sites certified for clean production

6

In 2025, LONGi's total investment in environmental protection amounted to

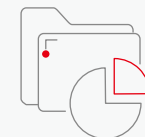
RMB 278.13 million

The proportion of operational sites that have undergone specific environmental risk assessments is

100 %

There were zero incidents of environmental non-compliance, regulatory violations, or administrative penalties.

0



Climate Change and Clean Technology R&D



Intrinsic Motivation

Now that the economic feasibility of PV has largely been addressed, the challenges of consumption and grid integration arising from a high proportion of clean energy are becoming central to the low-carbon transition. As a global leader in the PV industry, LONGi profoundly understands that the key to the energy transition has shifted from “whether clean substitution is achievable” to “how to build a stable, adjustable, and inclusive clean energy system”. We consistently adhere to the fundamental logic of technological innovation to respond to the demands of our time, avoiding homogenized competition and instead focusing on customer value and industry pain points to seek truly meaningful breakthroughs from a technological standpoint. Based on our strategic judgment of the global decarbonization path for the next decade—which centers on building a new energy system aimed at “temporal and spatial energy balance”—LONGi has pioneered the leap from a provider of single PV products to a provider of integrated Solar-Storage-Hydrogen green energy solutions. On the operational front, we continue to drive deep decarbonization through clean technology, integrating product carbon footprint management, clean energy substitution in our energy mix, and energy-saving technological retrofits throughout the entire manufacturing chain, thereby fulfilling our emission reduction commitments through the practice of “manufacturing clean energy with clean energy”. On the societal service front, we leverage the native integration and full-stack, in-house research and development of our Solar-Storage-Hydrogen technology to develop adjustable and controllable “solar power generators”, providing customers with one-stop, holistic life-cycle zero-carbon solutions through our “full-stack LONGi” model. We believe that only by anchoring technological innovation in the restructuring of the fundamental logic of the energy system can we truly propel the global shift from a fossil-fuel-dominated system to a clean energy-integrated system, making solar power the core stable power source for a global zero-carbon society, while using inclusive technologies and solutions to help less developed regions achieve a just transition to a low-carbon economy.



Strategy and Approach

Governance

LONGi continuously enhances its climate change governance structure under the leadership of the Board of Directors, establishing a closed-loop management system from the decision-making level to the execution level to ensure the effective implementation of its climate strategy.

Decision-making Level 	Strategy and Sustainability Committee under the Board of Directors The supreme decision-making and governance body for corporate climate action: hold at least one annual meeting to review climate change strategies and objectives, including medium-to-long-term plans, annual plans, and the formulation/implementation of relevant policies, and oversee the management of identified climate risks and opportunities.		
Management Level 	Strategy Management The climate action decision-making body led by the Chief Sustainability Officer (CSO): conduct periodic assessments of climate change risks/opportunities and develop corresponding climate action strategies.		
Execution Level 	Sustainability and ESG Office The coordinating body for advancing corporate climate action led by the Brand Management Department: responsible for organizing and executing the company's climate action commitments.	Energy Management Leadership Group The implementation body for energy conservation and emission reduction initiatives led by the Plant Management Department: responsible for executing corporate carbon accounting and reduction programs.	Supply Chain Management Center The environmental and emission reduction management department for value chain suppliers, managed by Supplier and Operations Management Department: responsible for carbon accounting, promoting and evaluating supplier emission reduction actions.

LONGi has established a Strategy and Sustainability Committee under the Board of Directors. This Committee serves as the highest oversight body for climate governance, and it is composed of the Board Chairman and General Manager, a Director and Chief Financial Officer, together with three other directors, leveraging the members' extensive experience in the PV and energy sectors to oversee climate-related risks and opportunities. The Committee ensures that climate-related topics are deliberated as a formal agenda item at least once a year by the Board of Directors, guiding the strategic direction of the Company's low-carbon transition.

At the management level, LONGi's Chief Sustainability Officer is directly responsible for climate-related issues. The Company utilizes the Group's business analysis meetings as a core deliberation platform to regularly review its ESG development strategy, medium- and long-term plans, climate management systems, progress toward goals, and the results of risk and opportunity assessments related to climate issues, coordinating the formulation of climate action response strategies for the upcoming year.

To strengthen collaboration among business units, LONGi has established an ESG Executive Task Force, with members including contacts from various functional departments at the Group headquarters, subsidiaries, and business units, forming a grid-based execution structure. In accordance with the *LONGi Climate Change Response Policy*, the Group's ESG Office, Energy Management Department, and Environmental Management Department lead the specific implementation of various climate management requirements and regularly progress to management and the Board of Directors.

Building on the special incentive funds for group-level energy improvement projects, the Company formally integrated climate-related indicators into the performance appraisal systems for relevant business units, management, and executives in 2025. By directly linking the achievement of climate targets to remuneration and performance, LONGi has established a clear system of responsibility and authority, driving all employees to jointly implement the Company's climate commitments.

Strategy

In accordance with environmental protection laws and regulations, LONGi has formulated the *LONGi Environmental Management Policy* and the *LONGi Climate Change Response Policy* to reduce GHG emissions. LONGi has established a GHG emissions accounting and management system covering its entire value chain. The Company has developed a emission reduction roadmap in line with the Science Based Targets initiative (SBTi). LONGi continues to promote maximum energy efficiency and clean energy substitution and accelerates the development of a product life-cycle carbon footprint management system, aspiring to become a benchmark for climate action in the PV industry.

LONGi conducts an annual carbon emission inventory, updating and verifying its GHG inventory, and has received ISO 14064 third-party verification statements for six consecutive years. We have established core management measures centered on digitalization-based accounting, refined energy management and control, and clean electricity substitution. We are also improving our online carbon data management platform to achieve deep integration and automated data collection with our EMS energy system.

Risk and Opportunity Management

LONGi focused on dedicated management on climate-related risks, integrating the identification and assessment of risks and opportunities across short-, medium-, and long-term horizons into the Company's overall risk management framework. A comprehensive mechanism has been established that covers environmental risk identification, risk assessment and prioritization, and risk response.

Climate Risk Identification



Through value chain analysis, climate database risk screening, and industry research, LONGi identifies and analyzes segments within its value chains that are susceptible to climate risks, as well as potential opportunities, assessing their short-, medium-, and long-term impacts on business operations.

Climate Risk Assessment



Based on key indicators such as probability of occurrence, rate of onset, and financial importance, LONGi conducts in-depth assessments of identified climate risks and opportunities to prioritize risks that could have a significant financial impact on the business. The risk management team leads the assessment and ranking of the climate risk inventory and submits the prioritized list to the Board of Directors for annual review.

Climate Risk Response Mechanism



After the Board of Directors reviews the climate risk inventory, the Sustainability and Climate Action Office organizes relevant functional and operational departments to respond to climate risks, including formulating comprehensive climate transition risk management measures, emergency management systems, and climate resilience enhancement projects.

In 2025, through value chain mapping, climate database risk screening, and industry research, LONGi identified and analyzed climate risk vulnerabilities and potential opportunities across its value chains. Based on recommendations from the TCFD framework, LONGi identified four transition risks, three physical risks and three climate opportunities, with specific annual analyses conducted for each. Furthermore, LONGi manages climate change risks in accordance with the methods and processes specified by the corporate risk management system, utilizing three scenarios for analysis: accelerated transformation scenarios (<2°C/1.5°C), current policy scenario (baseline), and high warming scenario (>4°C) for scenario analysis, to fully integrate climate change risk identification and assessment into strategic decision-making and daily operational management. For specific details, please refer to the *2024–2025 Climate Action White Paper*.



Actions and Practices

At the 24th UN Climate Change Conference in 2018, LONGi pioneered the “Solar for Solar” concept, which advocates for manufacturing clean energy using clean energy. Since then, guided by relevant international and domestic climate policies, standards, and scientific frameworks like the Science Based Targets initiative, LONGi has steadily advanced its climate target setting and emission reduction efforts in line with its own circumstances, becoming the first PV manufacturer in China to have its targets validated by the SBTi. In 2024, LONGi initiated its net-zero target setting, committing to achieve net-zero emissions across its entire value chain by 2050. To realize this climate ambition, the Company has formulated a net-zero transition plan, building a full-chain low-carbon system through technological decarbonization, operational decarbonization, and ecological collaboration.

Targets

Short-term target (2025-2030)		Long-term target (2030-2050)
Sustainable development goal	Affordable for all	
Emission reduction target	- By 2030, cut scope 1 and 2 emissions by 60% compared with 2020 - By 2030, reduce scope 3 emission intensity per ton of purchased goods and services by 52% compared with 2020	
Energy target	- Before 2025, complete energy management system deployment and improve energy utilization efficiency by 35% compared to the 2015 baseline - By 2027, achieve 70% renewable electricity consumption - By 2028, achieve 100% renewable electricity consumption - By 2030, install charging facilities at 100% of production and operation sites	By 2050, achieve full value chain net-zero emissions

Action pathways

01. Operational emission reduction

- Energy saving and consumption reduction via technological transformation
- Lean refined management
- Promote renewable energy use
- Carbon credit and offsetting
- Natural gas tail gas recovery in industrial processes

02. Value chain emission reduction

- Enhance internal scope 3 accounting capability
- Promote green logistics
- Supply chain empowerment, management and collaboration
- Explore innovative technical solutions

04. Climate mitigation and adaptation solutions

Full-chain climate mitigation solutions

- Monocrystalline silicon wafers: TaiRay silicon wafers, P-type wafers, N-type wafers
- Cells & modules: HPBC2.0, HIBC, Hi-MO 9, Hi-MO X10, EcoLife
- Hydrogen energy equipment: ALK Hi1, ALK G
- Green energy solutions: PV+ (BIPV, LONGi eHome, water electrolysis hydrogen production equipment and solutions etc.)

Build climate-resilient products

Enhance product adaptability to extreme weather (high temperature, damp heat, strong wind, hail), such as Hi-MO 9, Hi-MO X10, Hi ROOF S

03. Continuously reduce product carbon footprint

Monocrystalline silicon wafers:

- Increase the proportion of low-carbon silicon materials with new technologies
- Improve silicon rod utilization rate
- Adopt renewable electricity
- Implement lean management

Cells & modules:

- R&D and manufacture of high-efficiency BC cells
- Lightweight design
- Steel frame
- Adopt renewable electricity

Certifications:

- France and South Korea carbon footprint certification
- EPD certification
- ISO 14067 certification
- SJ/T 119 26-2024

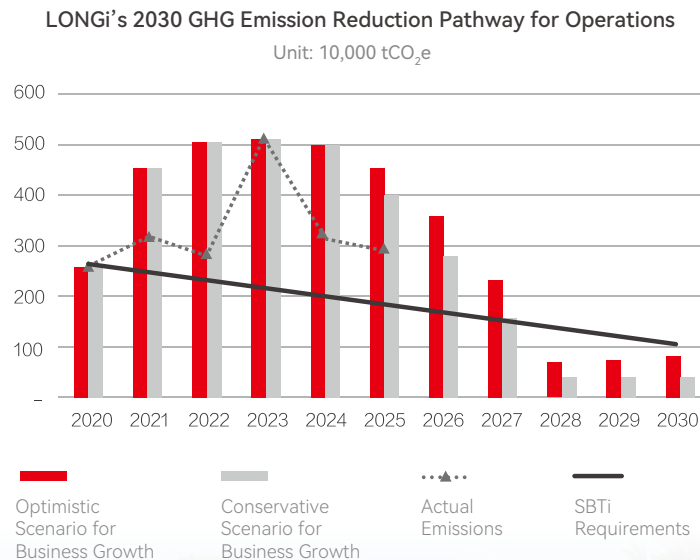
05. Advance just transition

Formulate climate transition plan, continuously review the alignment between just transition and corporate development strategy

Climate Mitigation

Operational Carbon Reduction (Scope 1 & Scope 2)

LONGi's science-based targets were approved by the SBTi in 2023, with a commitment to reduce Scope 1 and Scope 2 emissions by 60% by 2030 compared to the 2020 baseline. Building on this, LONGi officially announced in 2025 that it will achieve net-zero emissions by 2050. To achieve these reduction targets and its net-zero vision, LONGi has formulated the following carbon reduction pathway.



Based on an analysis of LONGi's historical GHG emissions data, Scope 2 emissions resulting from electricity consumption have consistently been the primary source of operational carbon emissions (accounting for over 95%). Consequently, LONGi remains focused on continuously improving energy efficiency and optimizing its energy structure as the two core pillars of its operational carbon reduction efforts.

In terms of energy efficiency, LONGi thoroughly explores energy-saving potential across all manufacturing stages of its industrial chain, including monocrystalline silicon, wafers, cells, and modules. In 2025, the Company implemented a total of 322 technical electricity efficiency upgrades, which are projected to conserve approximately 392 million kWh of electricity annually, effectively reducing GHG emissions intensity at the source. At the same time, the Company places great importance on internalizing a culture of energy conservation, not only conducting broad awareness campaigns for all employees but also organizing specialized energy-saving technology training for the Group's management to reinforce energy-saving consciousness from the top down.

In terms of its energy structure, LONGi is accelerating the transition to clean energy alternatives, continuously increasing the proportion of renewable electricity in its total energy consumption. In 2025, through a variety of measures including deploying distributed PV systems at its facilities, expanding the scale of green electricity trading, and procuring Green Electricity Certificates (GECs), the Group used a total of 5.137 billion kWh of renewable electricity. This accounted for 52.4% of its total electricity consumption, equivalent to avoiding 3,117,500 tons of indirect carbon dioxide emissions.



For specific measures taken by LONGi in energy consumption reduction, please refer to the Energy section of this report.

CASE STUDY

zero-carbon factory – Wuhu base

In 2025, guided by the international carbon neutrality standard ISO 14068-1:2023, Wuhu LONGi Solar Technology Co., Ltd. has successfully established the second zero-carbon factory of LONGi. ISO 14068 is currently the most authoritative international standard for carbon neutrality, explicitly requiring companies to follow a hierarchical management path of “prioritizing independent emission reductions, followed by carbon removal, and finally carbon offsetting”. It emphasizes emissions management across the entire life cycle and imposes stringent requirements for verifiable data and continuous improvement in carbon neutrality claims. Adhering to this standard, the Wuhu base has synergistically focused on both energy efficiency improvement and energy mix upgrades to achieve its operational carbon neutrality goals.

● Energy Efficiency Improvements

The Wuhu base promoted multi-dimensional energy efficiency improvements with a systematic approach, implementing targeted measures at three levels: production management, power systems, and lighting facilities:

- **Production:** Implemented refined shutdown and restart management for production equipment. By optimizing the start-stop sequence of production lines, shortening idle time, and establishing a standardized shutdown confirmation process, the Company significantly reduced ineffective energy consumption during non-production periods. This measure is estimated to save approximately 562,500 kWh of electricity annually.
- **Power systems:** Upgraded the interconnected control system for the air compressor group. By introducing an intelligent group control algorithm to dynamically adjust the number of operating units and their load rates based on end-use air demand and eliminate waste from light-load and no-load operation of air compressors, the system saves approximately 2,007,600 kWh of electricity annually.
- **Lighting energy conservation:** Completed a special improvement project for mezzanine lighting in the plant. To address issues of excessive illumination and crude control in the mezzanine area, a remote control module for the lighting circuit was added, which saves approximately 129,500 kWh of electricity annually.

In 2025, the Wuhu base implemented a total of 7 technical energy efficiency upgrades, including those mentioned above and other supporting initiatives, achieving a total annual electricity saving of approximately **3,113,700 kWh**, equivalent to a reduction of **1,889.7 tons** of carbon emissions.

● Energy Mix Upgrades

The Wuhu base focused on clean energy substitution as its core strategy, building a low-carbon energy supply system at three levels: self-generation, market trading, and energy storage support:

- **On-site distributed PV:** Leveraging the plant’s rooftop space, a 30 MW distributed PV power plant was constructed under a “self-generation for self-consumption with surplus power to the grid” model. In 2025, the self-consumed electricity amounted to approximately 27.183 million kWh, accounting for 20.2% of the factory’s total electricity consumption, achieving an efficient conversion of plant space resources into green electricity.
- **Green electricity trading:** Building on its self-generated green electricity, the base actively participated in the green power market, purchasing approximately 107.6 million kWh of green electricity through market-based GEC trading, further expanding its clean energy coverage and reinforcing the low-carbon nature of its production energy.
- **Electrochemical energy storage:** A 10 MW/20 MWh electrochemical energy storage system was installed to support integrated “generation-storage-consumption” energy dispatch. Through a peak-shaving and valley-filling operational strategy, the energy storage system effectively smooths out fluctuations in PV power output and the peak-valley difference of production load. It improves the local consumption rate of green electricity and reduces electricity expenses from maximum demand charges, delivering dual benefits of carbon reduction and cost savings.

Combining on-site PV self-generation with purchased green electricity, the Wuhu base achieved a **100%** green electricity usage rate in 2025, establishing renewable energy as its primary energy source.



Self-generated PV green
electricity consumption

27,183.18 MWh

Procurement of China Green
Electricity Certificates (GECs)

107,562 MWh

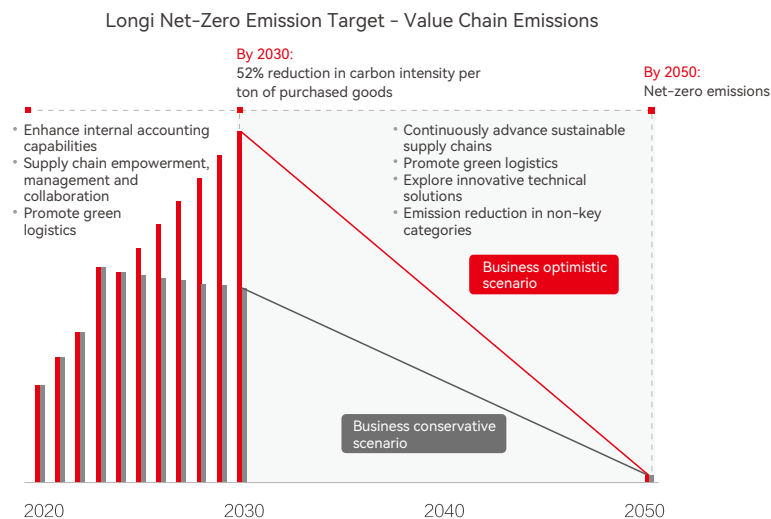
Offset of international
Verified Carbon Unit (VCU)

314 tCO₂e



Value chain emissions reduction (Scope 3)

LONGi continuously conducts Scope 3 accounting to identify carbon reduction potential in its value chains. The Company encourages suppliers to set medium and long-term greenhouse gas reduction targets and carry out product carbon footprint assessments to precisely quantify the products' carbon emissions throughout their holistic life cycle, thereby consistently lowering the carbon footprint of PV products. LONGi has set a science-based target for Scope 3, committing to reduce the emission intensity per ton of Scope 3 purchased goods and services by 52% by 2030 compared to the 2020 baseline, and to achieve value chain net-zero emissions by 2050. In 2025, the Company promoted 97 supply chain enterprises to conduct carbon verification processes, supported 20 in obtaining ISO 14064 certification, 23 in obtaining ISO 14067 certification, 1 in obtaining ISO 14068 certification, 3 polysilicon suppliers in receiving French carbon footprint certifications, and 109 in being certified as national, provincial, or municipal Green Factory certifications.



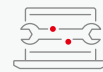
In accordance with the *LONGi Sustainable Product Management Policy*, we integrate green, low-carbon, and sustainable concepts into our raw material procurement management. Relying on the “Four New Value Creation” platform, LONGi engages in diverse cooperation mechanisms with suppliers to optimize product design and increase the proportion of green product procurement. These efforts include promoting lightweight designs to reduce material consumption, increasing the procurement of low-carbon silicon materials, reducing the weight of plastic-containing products, and encouraging the use of recycled or low-carbon aluminum materials.

CASE STUDY

Green lightweight design helps reduce carbon footprint

Since 2022, LONGi has collaborated with suppliers to implement lightweight frame designs for various module models, reducing the use of high-carbon materials at the source. For instance, through supply chain collaboration on design optimization, the weight of the frame set for the Hi-MO 9 dual-glass module was reduced by approximately 0.2 kg. This means that for every 1 million modules produced, 200 tons of aluminum materials are saved, directly avoiding approximately 2,400 to 3,600 tCO₂e emissions at the source (assuming carbon emissions of 12–18 tCO₂e per ton of aluminum materials). Furthermore, lighter and thinner modules also help improve loading rates and reduce transportation weight, thereby cutting emissions during transport. The structural strength requirements for the support structure during installation may also be reduced correspondingly, further reducing carbon emissions during the installation process.

In the future, LONGi will continue to prioritize a sustainable supply chain as a key measure for Scope 3 emissions reduction. The Company will manage supply chain ESG risks through admission assessments, annual evaluations, and exit management, while also tracking suppliers' energy and climate performance. Through empowerment training, LONGi will enhance its supply chain partners' capabilities in environmental management and climate change response. Through collaborative innovation, the Company will increase the proportion of green product procurement and the use of low-carbon raw materials.



Supplier Management

- Continuously optimize the
- supplier admission assessments, adopt environmental criteria for new supplier screening, and gradually incorporate product carbon footprints, emissions, and other factors of suppliers into environmental assessment criteria.
- Strengthen the monitoring of suppliers' environmental performance and encourage suppliers to disclose environmental and climate information through third-party platforms.



Supplier Empowerment

- Continue to provide supplier empowerment training to enhance their carbon emissions measurement and reduction capabilities.
- Expand the coverage of supplier empowerment training.
- Explore other incentive and management measures to encourage suppliers to set targets and implement emission reduction commitments.



Supplier Collaboration

- Through diverse and innovative collaboration models, co-create new technologies, materials, processes, and models with value chain partners and introduce more low-carbon recycled materials and innovative carbon reduction technologies and processes.
- Incorporate LONGi's renewable energy solutions to promote the application of clean energy and zero-carbon technologies across upstream and downstream value chains.

Product Carbon Footprint Management

LONGi has established a closed-loop carbon management system covering the entire product life cycle—from design and material use, raw material procurement, manufacturing, and transportation to use and end-of-life treatment—with the goal of minimizing our carbon footprint. At the source, we fully implement eco-design and procure low-carbon silicon and aluminum materials to establish a green baseline. During the process, we leverage digitalization for energy efficiency management, large-scale green electricity substitution, and a multimodal transport network to reduce manufacturing and transportation emissions. At the end-of-life stage, we lower the per-watt carbon footprint by increasing the PV conversion efficiency of products, extending their service life, and improving the recycling system.

Life Cycle Stage	Key Measures
Design and Material Use	- Adhere to the design philosophy of minimizing product environmental impact and consider the impact throughout the product's full life cycle. - Increase the proportion of recyclable content in modules to improve the material recycling and utilization rate of products.
Raw Material Procurement	- Raise the utilization rate of recycled materials. - Source silicon materials from suppliers with lower carbon footprints. - Increase the proportion of low-carbon silicon materials manufactured with new technologies. - Procure aluminum materials including recycled aluminum and green electrolytic aluminum.
Manufacturing	- Improve energy efficiency and steadily reduce power consumption per unit of output in the manufacturing process. - Carry out energy conservation and emission reduction initiatives, such as methane recovery projects. - Install PV power stations at self-operated bases, procure renewable power via market-based channels, and continuously raise the proportion of renewable energy used. - Gradually improve material utilization rate on the premise of ensuring product reliability.
Transportation	- Logistics: Accelerate the development of a low-carbon transportation network, with a focus on a multimodal transport network covering international pre-port and domestic trunk lines. - Packaging: Promote environmentally friendly carriers to replace traditional cartons and wooden pallets. - Warehousing: Build green warehousing systems through intelligent management and new energy equipment. - Smart logistics: Optimize transportation routes and improve overall logistics and warehousing management via intelligent and digital technologies.
Use	- Extend product warranty period and service life to deliver better economic and environmental benefits. - Adopt and innovate high-efficiency cell technologies to boost power generation efficiency per unit raw material, and lower the carbon footprint per watt.
End-of-Life Treatment	Reduce the use of hazardous chemicals to mitigate the environmental impact of PV modules at the disposal and end-of-life stage.

In 2025, LONGi's silicon wafer and module products obtained 64 carbon footprint certifications globally. Among these, silicon wafer products received 25 French carbon footprint certifications. Module products received 24 French carbon footprint certifications, 8 international Environmental Product Declarations (EPD) certifications, and 2 ISO 14067 product carbon footprint certificates. The Company's core products secured the first China General Certification Center (CGC) product carbon footprint certificate under the domestic PV carbon footprint industry standard. Details are as follows:

● Silicon Wafer Products	25 silicon wafer carbon footprint certificates
● Module Products	24 French carbon footprint certifications
	8 Environmental Product Declarations (EPD)
	3 French PEP ecopassport certifications
	2 ISO 14067 product carbon footprint certificates
	2 China General Certification Center (CGC) product carbon footprint certificates

LONGi green PV-related certificates



CASE STUDY

LONGi's BC technology sets a domestic benchmark as Hi-MO 9 obtains the first authoritative domestic carbon footprint certification

As the benchmark for second-generation BC technology, the LONGi Hi-MO 9 module recently received its first product carbon footprint certificate from China General Certification Center (CGC), becoming the first industry benchmark in China to complete localized assessment based on the latest Ministry of Industry and Information Technology standard (SJ/T 119 26-2024). Addressing the long-standing issue of reliance on overseas databases for PV carbon accounting, this certification pioneers the adoption of domestic power emission factors that truly reflect China's energy structure. It strictly adheres to the "cradle-to-grave" full life-cycle boundary and leverages a high proportion of green electricity at the production end and low-carbon BOM solutions, achieving a dual breakthrough in data accuracy and source-side decarbonization.



Climate Mitigation Products

Photovoltaic Products

LONGi deeply explores the integration of "PV+" scenarios and has built a matrix of climate mitigation solutions that cover all scenarios. We are committed to seamlessly integrating ultimate energy efficiency with scenario-based applications, accelerating the green transformation across all industries in all respects — from clean substitution on the energy supply side to deep decarbonization on the consumer side.

LONGi PV Products and "PV+" Application Scenarios



Power

- Implementing flexible, site-specific layouts for ground-mounted and distributed PV power plants to reduce reliance on fossil fuels.
- Implementing integrated multi-energy complementary solutions led by PV, combined with resources such as wind, hydro, and thermal power, to build a clean, low-carbon energy supply system.



Industry

- Developing tailor-made green power alternative solutions for energy-intensive industries such as petrochemicals and smelting sectors.



Construction

- Leveraging advantages in digitalized engineering and construction to customize Building Integrated Photovoltaics (BIPV) solutions and residential PV building solutions to enhance building sustainability.



Transportation

- Exploring a new ecosystem that integrates transportation and PV, promoting efficient synergy between new energy vehicles and renewable energy, and introducing comprehensive green transportation solutions that fully utilize various transportation site resources.



Agriculture, Forestry, Animal Husbandry, and Fishing

- Introducing agri-PV, forest-PV, pastoral-PV, and fishery-PV complementary solutions, and developing new PV business models that feature power generation above panels and crop planting, animal husbandry, and fishing under panels, improving the utilization efficiency of land and resources.

CASE STUDY

Industry

LONGi collaborates with UEE to accelerate decarbonization in the oil and gas sector

To address the pain points of high energy consumption and reliance on fossil fuels in traditional oil and gas extraction, LONGi signed a strategic memorandum of understanding with United Energy Egypt (UEE) to deploy a 20 MW hybrid solar power system, aiming to accelerate industrial decarbonization through HPBC 2.0 technology. The project uses Hi-MO 9 modules throughout, which, with their excellent performance and low degradation advantages in extreme high-temperature and high-humidity environments, are expected to generate 24,800 MWh of green electricity annually, replacing over 70% of on-site diesel consumption and reducing annual carbon dioxide emissions by approximately 14,000 metric tons.

CASE STUDY

Buildings

Boao Lecheng Zero-Carbon Demonstration Zone ranked first among the “Top Ten Innovations for Green and Low-Carbon Development in China’s Urban and Rural Construction Sector”

The Boao Lecheng Zero-Carbon Demonstration Zone, which has topped the list of the “2024 Top Ten Innovations for Green and Low-Carbon Development in China’s Urban and Rural Construction Sector”, is a benchmark project where LONGi has reshaped building energy consumption patterns using BIPV technology. As the nation’s first international forum park to achieve regional zero-carbon operation, the project was constructed by LONGi CENTER with a total installed capacity of approximately 3.88 MW. Through customized BIPV integrated solutions, LONGi has seamlessly integrated PV technology into the architectural fabric, including roofs, louvers, railings, and floor tiles, truly realizing the concept of “letting every inch of the building generate power naturally”. This practice has not only successfully reduced the park’s operational carbon emissions to near-zero levels but has also provided a replicable BIPV technology model for the construction of zero-carbon parks driven by national strategy, effectively addressing the transition challenges of high energy consumption and high emissions in the building sector.

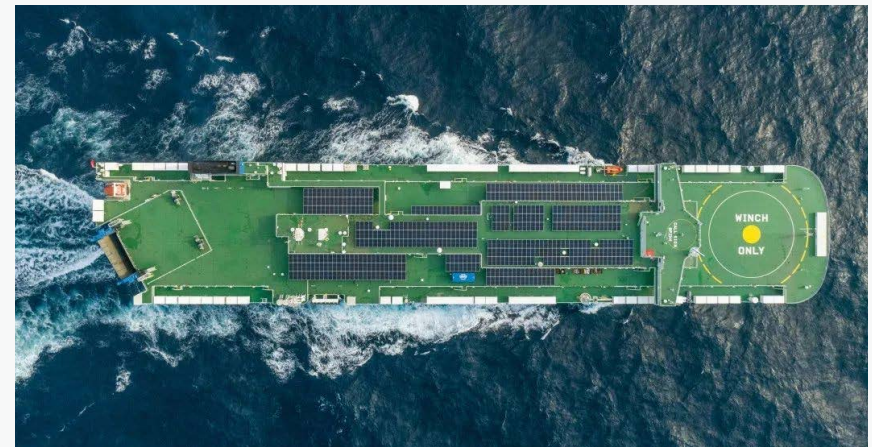


CASE STUDY

Transportation

Empowering China’s largest PV + LNG transport vessel, LONGi’s “Longyuan” modules support its green voyages

As China’s largest PV + LNG dual-fuel car carrier, the vessel “Yuan Hai Kou” not only fulfills its export mission with a capacity of 7,000 vehicles but is also equipped with a customized 302.8 kW distributed PV system from LONGi, setting a record for installed capacity on a vessel of its kind. The system generates 410,000 kWh of electricity annually, primarily for the ship’s lighting and communication power supply, and is expected to save approximately 111 tons of fuel and reduce carbon dioxide emissions by 345.9 metric tons each year.



Green Hydrogen

In 2025, LONGi focused on key industries such as steel and metallurgy, transportation, industrial gases, energy systems, and chemicals, continuing to advance its green hydrogen solutions from demonstration project delivery to stable operation and large-scale application. Several projects commenced production or entered stable operation during the year, yielding quantifiable carbon reduction results and providing replicable practical pathways for the green and low-carbon transformation of high-emission industries. As of the end of the Reporting Period, LONGi's hydrogen energy production capacity had reached 2.5 GW.

LONGi Green Hydrogen Application Scenarios



Metallurgy

Addressing the high energy consumption pain points of the steel industry, LONGi supplied two sets of 3,000 Nm³/h alkaline water electrolysis hydrogen production systems (ALK G3000) to Hebei Changli Xingguo Casting. Since commencing operation in September 2024, the systems have run continuously and stably for over a year, making it the largest commercially deployable hydrogen production system in actual operation in China. Measured data shows that the DC power consumption of the electrolyzer is steadily maintained at 4.25 kWh/Nm³, supporting a blast furnace hydrogen injection volume of approximately 136 Nm³ per ton of iron, with a carbon emission reduction rate of 7%–16%. This project successfully demonstrates the feasibility of low-carbon metallurgy without altering the main structure of blast furnaces, offering a highly cost-effective and scalable transformation path for the traditional steel industry. In 2025, the project won the Outstanding Projects Award at The Smarter E Award.



Transportation

In the transportation sector, LONGi supplied 2×1,000 Nm³/h water electrolysis hydrogen production units for hydrogen heavy-duty truck demonstration projects, supporting the application of renewable energy-based hydrogen production in heavy-load and long-haul transportation scenarios. The solution provides a stable and low-carbon hydrogen source for hydrogen heavy-duty trucks, helping to reduce the sector's reliance on fossil fuels and offering a practical model for the low-carbon transition of heavy transportation systems.



Industrial Gases

In the industrial gas and electronic specialty gas sectors, LONGi partnered with Messer Group, a leading global industrial gas company, to supply a 1,000 Nm³/h-class water electrolysis hydrogen production system for its electronic specialty and related industrial gas projects. This collaboration helps introduce green hydrogen into the industrial gas production process, thereby reducing the carbon emissions generated by hydrogen production from fossil fuels.

Concurrently, LONGi completed the commercial delivery of its first batch of containerized water electrolysis hydrogen production systems, serving application scenarios with extremely high requirements for hydrogen purity and system reliability such as electronic specialty gases. Through system integration, prefabricated delivery, and outdoor-adapted design, these solutions meet high-standard hydrogen demand, improve project implementation efficiency and reduce engineering complexity, providing a replicable engineering path for the green upgrading of the industrial gas industry.



Energy Systems

In the energy systems sector, LONGi completed its first delivery to the Australian market, providing a 1,000 Nm³/h-class hydrogen production unit for the Murray Valley Green Hydrogen Park project. This supports the blending of green hydrogen into local natural gas pipelines at a proportion of approximately 10%. Upon completion, the project is expected to reduce carbon emissions by about 3,000 metric tons of CO₂ annually and offer cleaner energy options to around 40,000 households and 20 industrial users, creating a demonstration path for the coordinated development of green hydrogen and existing energy infrastructure.



Chemicals

In the chemical sector, LONGi participated in the ACWA Power Uzbekistan Green Hydrogen Demonstration Project, supplying a 4×1,000 Nm³/h water electrolysis hydrogen production system. The system's joint commissioning and official operation were completed in 2025, achieving stable hydrogen production.

This project, as a core demonstration initiative of Uzbekistan's "Green Energy Strategy", has established a complete zero-carbon closed loop encompassing "wind and solar power generation → electrolytic hydrogen production → ammonia synthesis → fertilizer production". The project deploys a dedicated 52 MW wind farm to power a 20 MW electrolyzer, producing over 3,000 metric tons of green hydrogen annually for synthesizing nitrogen fertilizer. Compared to the previous grey hydrogen production model, this reduces annual carbon dioxide emissions by approximately 30,000 metric tons. The project validates the potential for large-scale application of green hydrogen in high-emission chemical scenarios like ammonia synthesis and provides a replicable demonstration for emerging markets to promote coordinated carbon reduction in energy and chemical systems.

Climate Adaptation

Resilience Assessment and Development

Facing increasingly frequent extreme weather and environmental challenges, LONGi understands that strong climate resilience is the cornerstone of ensuring business continuity and sustainable development.

Physical Operations

To effectively respond to climate risks induced by extreme weather events such as floods, LONGi fully implements the *Measures for the Environmental Emergency Response Management* and has established a three-tiered emergency prevention and control system covering “risk units – plant areas – parks/regions”. On this basis, we have systematically identified and prepared 13 specialized emergency plans for scenarios including extreme meteorological disasters and regularly conduct full-staff environmental emergency drills. Through these preparedness exercises, we ensure a timely response to sudden climate disasters, minimizing the impact on the ecological environment and production operations, and safeguarding environmental safety and business continuity under extreme climate scenarios.

Capacity Building

LONGi continues to deepen climate adaptation capacity building for all employees, embedding risk awareness into its organizational DNA to create a resilient organization capable of rapid response and robust recovery from climate shocks. In 2025, LONGi further refined its climate capacity building system covering all levels, utilizing a digital learning platform to develop ESG and climate risk management courses, with a focus on empowering employees to enhance their skills and awareness for transitional adaptation.

Climate Adaptation Products

To enhance climate adaptability, LONGi has built an “all-scenario product matrix” covering diverse extreme conditions. For instance, the Edge (Tai’a) series, designed for high-load desert and Gobi environments, effectively boosts module load performance with high-strength frames and dust-proof glass, increasing power generation and reducing the product’s carbon footprint. The Sea-Shield (Longyuan) series, tailored for offshore environments, boasts the highest IP68 protection rating and Level 8 salt mist resistance, readily withstanding hot, humid, and corrosive conditions. The Ice-Shield (Panshi) series, specifically engineered for extreme climates, can resist hailstones over 45 mm in diameter and has a mechanical load capacity of $\pm 5,400$ Pa, ensuring the system continues to operate after disasters and minimizing power generation losses. Meanwhile, the HydroClear (Zaoxue) series, suitable for dusty and snowy regions, features a borderless design combined with glass dust-proof technology, significantly inhibiting dust and snow accumulation to improve power generation returns and lower O&M costs. Furthermore, to address everything from complex, diverse climate environments to extreme weather disasters, LONGi continues to build its “All-Scenario Reliability System Standards”, with differentiated product reliability testing that covers everything from enhanced individual tests to comprehensive aging tests, providing all-around protection for customer value. For more details on reliability testing and related content, please refer to the 2024–2025 Climate Action White Paper of LONGi.

Hi-MO 7 & 9 Scenario-based Products

Dig into and analyze customers’ actual application scenarios | Adapt or customize product functions and services for diversified applications | Improve user experience and product value

	the Edge (Tai’a) Module Sharp frame & Dust-repellent glass • Load capacity increased by 6,000/3,000 Pa • Mitigate dust impact and boost power generation by 2% • Improve installation efficiency: earthing-free module & quick installation • Reduce product carbon footprint		The Sea-Shield (Longyuan) Module Corrosion-resistant material & Dustproof and waterproof junction box • IP68 highest rating for dust and water protection • Highest grade 8-level salt spray test • Industry’s first Differentiated Weather Resistance • Certification – Deep Blue Marine Environment
	The Hydro-Clear (Zaoxue) Module Self-developed patented frame & Dust-repellent glass • Reduce dust and snow accumulation, lifting power generation by 2% • Lower hot spot risks caused by dust accumulation • Cut module maintenance frequency and costs		The Ice-Shield (Panshi) Module High-performance glass • Resist hail impact up to 55mm • High load design with 5,400 Pa on front side and 5,400 Pa on rear side

UV+TC+HF sequential test

Salt spray and ammonia test

Low irradiance test

Dry cold + dry heat + wet freeze sequential test

Combined aging (DH + UV)

**Full-scenario
reliability system
standards**

PID test

LeTID test

High-accelerated thermal cycling (HATC)

Combined aging (TC+UV)

CASE STUDY

LONGi's customized PV solutions adapt to extreme environments in Central Asia

Given the dry climate, large temperature variations, and frequent sandstorms characteristic of Central Asia, LONGi is deeply involved in Uzbekistan's energy transition, providing highly climate-adaptive solutions for local large-scale PV bases. In projects across the Tashkent, Bukhara, and Qashqadaryo regions, LONGi has exclusively used Hi-MO series high-efficiency modules featuring TaiRay silicon wafers. By maintaining a wafer thickness of over 130 μm , the modules' micro-crack resistance and mechanical load-bearing capacity are significantly enhanced, ensuring long-term reliable operation even under extreme weather conditions.



CASE STUDY

High-yield verification of BC technology in harsh desert environments

To address the continental climate challenges of arid conditions, frequent sandstorms, and extreme temperature fluctuations in “desert, gobi and wasteland” areas, LONGi collaborated with Inner Mongolia Energy Group to conduct in-depth empirical research at the Mengneng Baihu PV Power Station located on the edge of the Ulan Buh Desert.

Empirical data from April to July 2025 shows that LONGi's second-generation BC technology (Hi-MO 9) demonstrates exceptional environmental adaptability: its power output gain per watt reached 2.45%, and its output gain per unit area was as high as 9.05% compared to conventional TOPCon modules. Particularly amid the low-light conditions from frequent overcast and rainy weather in June, the BC modules achieved consistent outperformance in daily power generation throughout the month, fully validating their stability and high reliability under extreme weather conditions.



Targets and Performance

GHG Emissions Targets

Short-Term Targets (2025-2030)

- Reduce Scope 1 and 2 emissions by 60% by 2030 compared to 2020
- Reduce Scope 3 emissions intensity per ton of purchased goods and services by 52% by 2030 compared to 2020

Long-Term Targets (2030-2050)

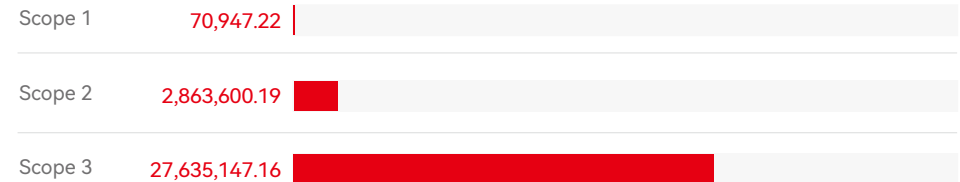
- Achieve net-zero emissions across the entire value chain by 2050

Other Climate-Related Targets

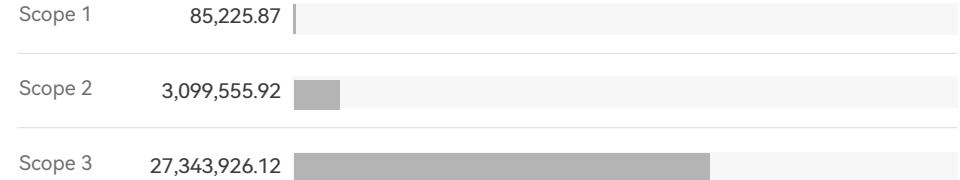
SBTi	RE100
• Reduce Scope 1 and 2 emissions by 60% by 2030 compared to 2020 • Reduce Scope 3 emissions intensity per ton of purchased goods and services by 52% by 2030 compared to 2020	• Achieve 70% renewable electricity use by 2027 and 100% by 2028
EP100	EV100
• Complete the deployment of the energy management system by 2025 and increase energy productivity by 35% based on the 2015 baseline year	• Achieve 100% installation of charging facilities at production and operation sites by 2030

Climate-Related Performance

2025

Unit: tCO₂e

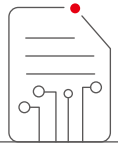
2024

Unit: tCO₂e

2023

Unit: tCO₂e

Energy



Intrinsic Motivation

Against the backdrop of a deepening global energy transition, the strategic value of energy management is undergoing a fundamental reshaping—it is no longer merely an internal operational tool for controlling costs and enhancing efficiency, but a key pillar for building core corporate competitiveness and industry credibility. LONGi profoundly recognizes that as the Company transitions from a PV product provider to an integrated Solar-Storage-Hydrogen green energy solutions provider, energy management must move from “behind the scenes” to the “forefront” and upgrade from “point-based optimization” to a “system-wide capability”. As an industry leader, LONGi has always upheld the philosophy of “manufacturing clean energy with clean energy”, making meticulous energy management and energy-saving retrofits its cornerstone, while strategically prioritizing a cleaner energy mix (renewable energy adoption) for future resource allocation. Supported by digital and intelligent technologies, the Company is building a comprehensive energy control system that covers all scenarios, and through intelligent manufacturing and AI applications, it is achieving intelligent control of energy loads and precise, hourly management of carbon emissions. LONGi firmly believes that its practical experience and pioneering explorations in energy management—from mature, meticulous energy control to cutting-edge explorations in direct green electricity connections, DC microgrids, and zero-carbon industrial parks—will not only continuously enhance its own green manufacturing capabilities but also transform into replicable and exportable standardized solutions, helping customers achieve the dual goals of sustainability and economic efficiency.

Strategy and Approach

In accordance with environmental protection laws and regulations, LONGi has formulated the *LONGi Environmental Management Policy* and the *Energy Management Manual* to improve energy efficiency and optimize its energy structure. The Company has established a Group Energy Management Leadership Team, headed by the Board Chairman, with a subordinate Energy Management Leadership Team Office and Energy Management Expert Team to ensure the standardization of the entire energy management process. To improve the Company’s energy performance, LONGi sets annual energy targets, implements absolute value control over energy consumption per unit of product, breaks down these targets on a monthly basis, conducts regular energy performance audits, and tracks target achievement monthly while performing gap analysis.



Actions and Practices

Meticulous Energy Management

LONGi has built a digital Energy Management System (EMS) platform, creating a comprehensive energy control system that covers all scenarios. The platform enables automatic data collection from various metering instruments on-site and automatic generation of business reports, deeply implementing core applications such as energy consumption statistics, energy efficiency analysis, performance management, carbon emissions management, energy operations, and abnormal alarms and root cause diagnosis, thereby creating a complete data link for the entire energy control process. With the core goals of maximizing data value, standardizing management processes, refining cost control, enabling intelligent O&M, achieving transparent performance evaluation, and providing scientific decision support, the platform systematically identifies business pain points, delves into root causes, and precisely resolves the core bottlenecks of traditional energy management models.

Leveraging the energy flow diagram analysis function of the EMS platform, the Company can accurately identify points of energy loss, leakage, and waste, resulting in an annual saving of 2.2 million kWh of electricity. Based on the platform's multi-dimensional energy consumption data analysis, we have fully achieved digital traceability, meticulous control, and efficient conservation of energy consumption.

Energy-Saving Technological Upgrades

In production, LONGi actively develops and promotes energy-saving renovation projects, such as optimizing power settings for crystal pulling and seeding, and optimizing the cycle time of module laminators. In power systems, LONGi has established a power-saving improvement roadmap, creating differentiated improvement plans for air compression systems, cooling systems, and air conditioning systems, which are rolled out across the group after pilot verification. In 2025, investment in energy conservation and emission reduction reached RMB 297 million.

Energy Conservation Initiatives		Power System Energy Conservation Management	Energy Conservation Achievements	
Monocrystalline Silicon	Special project for thermal field energy conservation: Optimized thermal field components in the crystal pulling process to reduce power consumption during monocrystalline seeding. Process improvement	LONGi developed a power system energy conservation improvement roadmap, implementing differentiated enhancements for core systems such as air compression, cooling, and air conditioning, which are rolled out across the Group after pilot validation.	The Silicon Wafer Business Unit (Monocrystalline + Wafer) initiated a total of	With an estimated annual electricity savings of
Wafers	Special project for waste heat recovery from air compressors: Made full use of waste heat from air compressors to heat cleaning water, reducing energy waste. Power optimization		76 electricity conservation projects in 2025	220 million kWh
Cells	Special project to improve BC product yield: Focused on key processes and quality control nodes in the BC product manufacturing process to reduce gate breakage rate. Process improvement		The Cell Manufacturing Center initiated a total of	With an estimated annual electricity savings of
Modules	Special project for EC fan Renovation: Introduced new, high-efficiency direct-drive EC fan products to enhance the fan energy efficiency. Power optimization		201 electricity conservation projects in 2025	153 million kWh
			The Module Manufacturing Center initiated a total of	With an estimated annual electricity savings of
			45 electricity conservation projects in 2025	18 million kWh

Regarding energy conservation training, LONGi completed its Energy Conservation Week in 2025 under the theme of "Energy Efficiency and Innovative Leadership", enhancing employee awareness of energy consumption reduction through efficiency training, thereby continuously advancing the Group's strategy for energy savings and carbon reduction, promoting full participation, and achieving greater energy efficiency and green production.

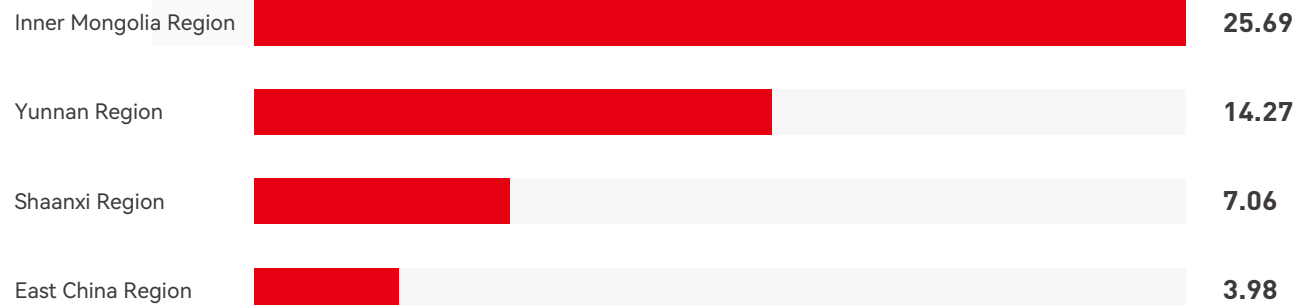
Renewable Energy Use

LONGi continuously optimizes its energy structure and increases the proportion of renewable energy it uses. In 2025, through on-site PVs⁹, green electricity trading, and GEC trading, LONGi consumed a total of 5.137 billion kWh of renewable electricity, accounting for 52.4% of its total electricity consumption and equivalent to avoiding 3,117,500 metric tons of indirect carbon dioxide emissions.

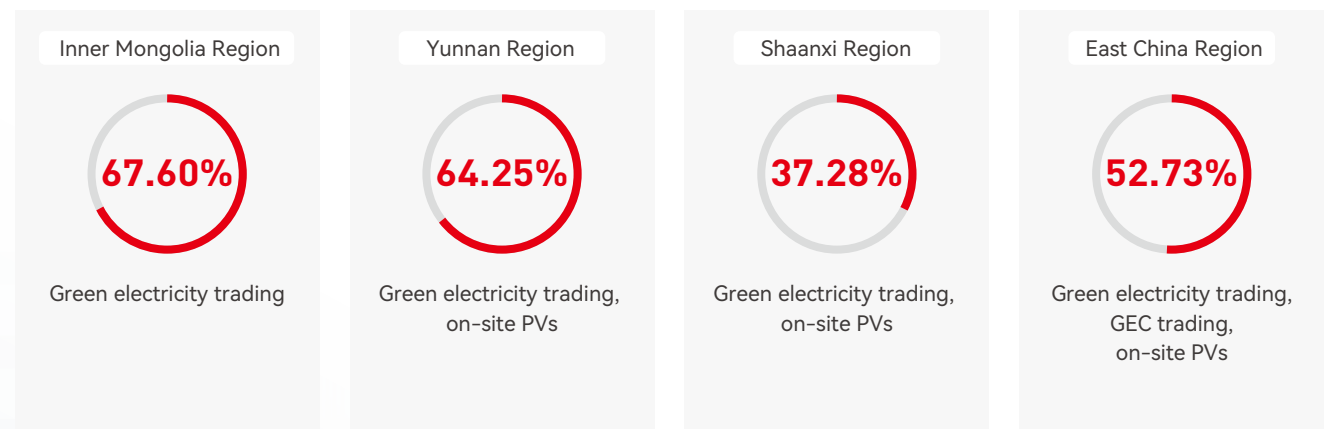
Inner Mongolia and Yunnan lead in both the volume and proportion of renewable electricity consumed, largely due to their different resource endowments—Yunnan is dominated by hydropower, while Inner Mongolia primarily uses wind and solar power. The proportion of green electricity in East China rose sharply from 26% in 2024 to 52%. An analysis of the electricity source structure indicates that on-site PV generation is insufficient to cover production needs. In the future, the proportion of renewable energy must be further increased through external procurement and GEC trading.

LONGi's Renewable Electricity Usage by Region in 2025

▼ Renewable Electricity Consumption (100 Million kWh)



Green Electricity Proportion & Implementation Method



9. LONGi has deployed approximately 370 MW of rooftop PV installed capacity, primarily operating under the "self-generation for self-consumption with surplus power fed to the grid" model, with an annual consumption of approximately 277 million kWh.

Targets and Performance

Energy Consumption Target

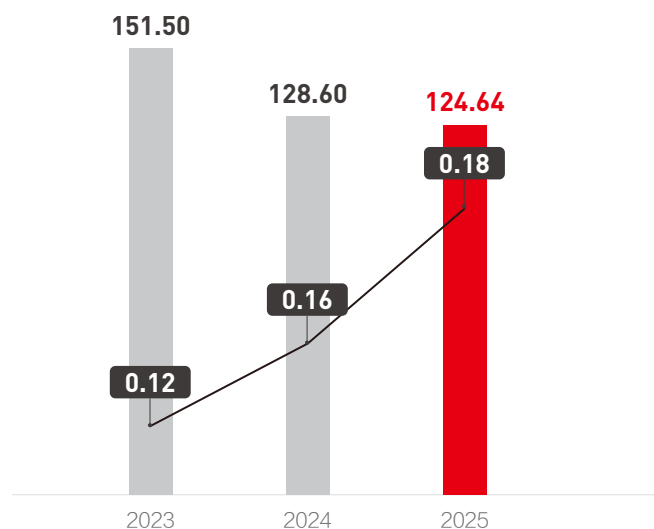
- The Group's target of electricity consumption per unit for 2025: a **12%** decrease compared with 2024.



Energy Consumption Performance

LONGi's Comprehensive Energy Consumption, 2023-2025

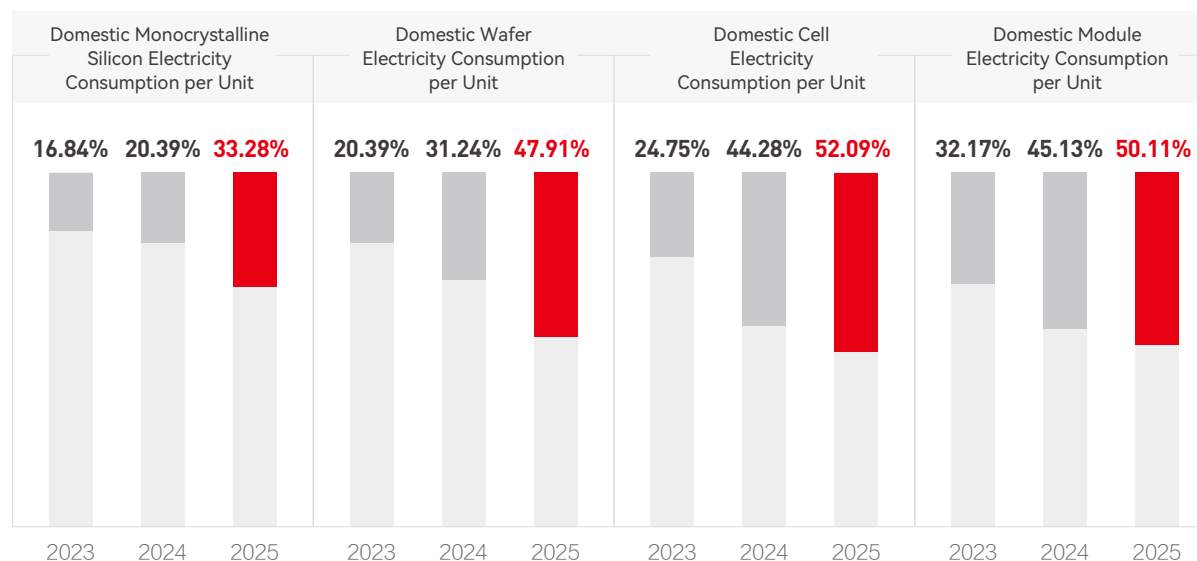
■ Comprehensive Energy Consumption (Unit: 10,000 Tce) — Comprehensive Energy Intensity (Unit: 10,000 tce/100 Million RMB)



Achievement of LONGi's 2023-2025 Targets for Reducing Electricity Consumption per Unit ¹⁰

■ Actual Descent Rate (%)

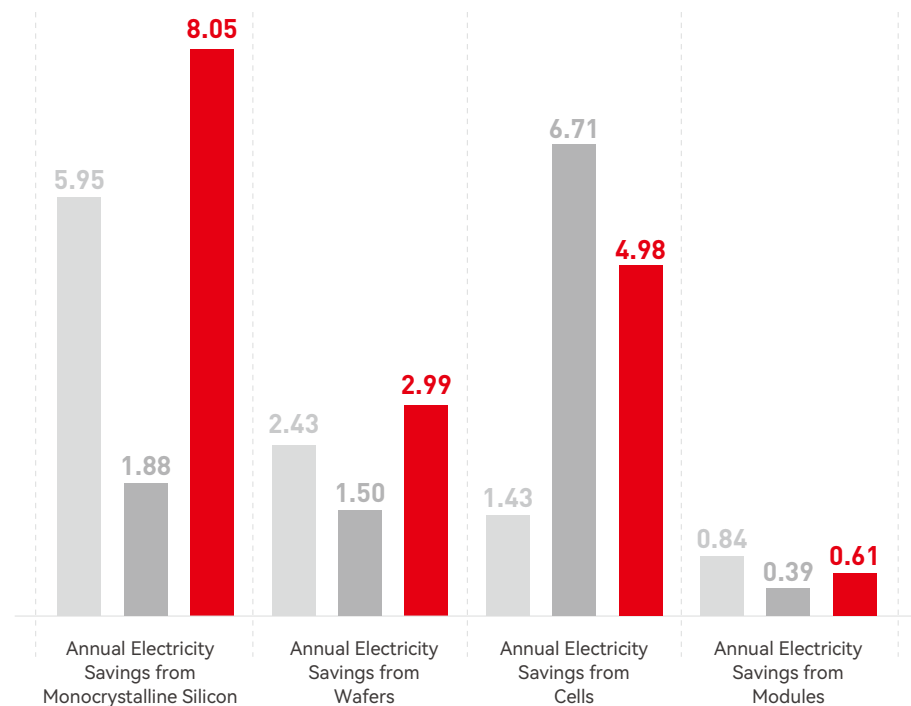
*Compared to the Base Year (2020)



10. Based on data from domestic production bases.

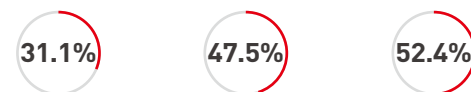
LONGi's 2023–2025 Product Electricity Savings (100 million kWh)

■ 2023 ■ 2024 ■ 2025

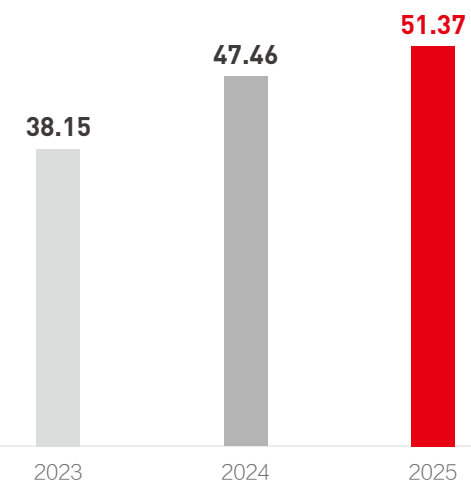


LONGi's 2023–2025 Renewable Energy Use

► Renewable Energy Use Ratio (%)



► Renewable Electricity Consumption¹¹ (100 million kWh)



¹¹Renewable electricity includes electricity consumed from on-site distributed PVs, electricity procured via green electricity trading, and GEC trading. Total non-renewable energy consumption (MWh): 4.668 billion kWh.

Water and Effluents



Strategy and Approach

LONGi strictly complies with the laws and regulations of its domestic and international operating locations, including the *Water Pollution Prevention and Control Law of the People's Republic of China* and the *Water Law of the People's Republic of China*, while adhering to the management policy of “environmental compliance, water-saving priority, cost-efficient discharge, and scientific management”. The Company has formulated water resource management policies and water conservation requirements, such as the *Water Resource Management Policy* and the *Water Saving Management Policy*, to ensure the continuous enhancement of water use efficiency and water risk prevention and control capabilities.

LONGi has defined water resource management as a core issue of its green development strategy, integrating it into the Group's energy management framework. A Group Energy Management Committee, chaired by the Board Chairman, has been established, with a Group Energy Management Leading Group¹² and production-base energy management teams operating under it. At the executive level, a three-tiered “Group-Business Unit-Base” control mechanism has been implemented to clarify the responsibilities and boundaries at each level, forming an organizational assurance system characterized by scientific decision-making, effective execution, and robust supervision. In performance assessment, LONGi sets key performance indicators centered on water conservation targets and has established an incentive mechanism tying assessment outcomes to relevant personnel's remuneration. This drives full employee participation in water conservation initiatives and achieves continuous improvement in water resource management performance.

12.The Group's Energy Management Leading Group is responsible for formulating the Company's water resource management policy, establishing and reviewing annual water resources management targets, conducting regular performance reviews on the Group's water resources management targets, and promoting targeted improvements.

Actions and Practices

Water Resource Management

Water Dependency Assessment

Within the PV industry chain, the manufacturing processes for monocrystalline silicon wafers and solar cells require large volumes of ultrapure water for cleaning and cooling, resulting in a moderate dependency on ecosystem services such as water supply, purification, and flow regulation. The production of silicon wafers and solar cells is particularly dependent on water resources. Water scarcity in a project's region could disrupt production continuity and increase water intake and management costs.

In 2025, following the LEAP (Locate, Evaluate, Assess, and Prepare) analysis framework, LONGi conducted a systematic water resource risk assessment of its global operational bases (including silicon wafer, solar cell, module, and hydrogen energy bases) using the WWF Water Risk Filter and internal assessment tools. The results show that 23 bases are located in high-risk areas, comprising 17 in extremely high-risk regions and 6 in high-risk regions. The areas primarily affected by water scarcity include Inner Mongolia and Shaanxi.

 For further details on the results of the water resource assessment, please refer to the 2024 *TNFD Report*.



Water Resource Management Initiatives

For process control, LONGi has deployed an online water consumption monitoring system across the Group, enabling real-time data collection, anomaly alerts, and intelligent analysis for all water usage points. In terms of technological upgrades, the Company actively promotes the use of low-water-consumption equipment and processes, achieving 100% coverage across its operational business scope. Water reuse technologies are applied differentially based on the water stress levels of various regions. LONGi enhances its water recycling rate through closed-loop processes and advanced treatment by constructing systems for reclaimed water reuse, rainwater harvesting, and condensate water recovery.

Water Conservation Measures	Key Projects	Water Conservation Achievements
Monocrystalline Silicon - Process water conservation technology breakthroughs: Adopted a closed-loop cooling water system and developed an ultra-long cycle monocrystalline silicon growth technology under high temperature and vacuum, enhancing the recycling rate of cooling water. - Large-Scale Application of Alternative Water Sources: Constructed rooftop rainwater harvesting systems and utilized unconventional water sources such as coal mine dewatering.	Cleaning workshop water usage improvement project: Improved water usage for edge trimming and cleaning processes in cleaning workshops to raise efficient water utilization ratio, with an expected annual water savings of 8,400 tons.	The Silicon Wafer Business Unit (Monocrystalline Silicon: Wafers Process) launched 4 water conservation projects in 2025. With an estimated annual water savings of 1.65 million tons.
Wafers - Wastewater recycling: Upgraded the wastewater treatment system to increase the wastewater reuse rate. - Process water conservation innovation: Upgraded and optimized cutting parameters (e.g., wire speed, tension) to reduce water consumption in production processes.	Pure water production efficiency improvement project: Increased the reuse rate of primary RO concentrated water to improve the water production efficiency of the pure water system. The project is expected to achieve annual water savings of 58,500 tons.	
Cells - Advanced treatment of production wastewater: Constructed a reclaimed water reuse system to reduce the consumption of process water (ultrapure water). - Refined water conservation management: Optimized the configuration of reverse osmosis membrane modules, enhanced pure water production efficiency, and promoted condensate water recovery.	Coating process water conservation improvement project: Improved water conservation in the coating process by adjusting the service life of graphite boats and cleaning frequency. The project is expected to achieve annual water savings of 7,525 tons.	The Cell Manufacturing Center launched 33 water conservation projects in 2025. With an estimated annual water savings of 2.93 million tons.

Key Performance:

► In 2025, LONGi's

7

production bases were recognized as water-saving enterprises



1

production base was recognized as a provincial-level water-saving benchmark enterprise



1

production base was recognized as a provincial-level water efficiency leader



Wastewater Discharge

The Company's wastewater is primarily generated from processes such as silicon rod slicing, solar cell production, and pure water preparation. LONGi adheres to a management strategy of "source reduction, process control, and end-of-pipe treatment", strictly controlling chemicals usage and leveraging water treatment processes to reduce pollutant discharge concentrations. In 2025, the Company fully implemented cutting fluid recycling technology in the silicon wafer slicing process, effectively creating an internal closed loop for waste liquid and significantly reducing the generation of Chemical Oxygen Demand (COD) at the source. Concurrently, the Company is actively advancing the construction of "zero-discharge" factories, equipping new facilities like the Tongchuan plant with advanced zero-liquid-discharge treatment systems to minimize wastewater pollutant emissions.

CASE STUDY

Zero liquid discharge at the Tongchuan plant

The production wastewater at LONGi's Tongchuan plant is treated using a process of "equalization tank + two-stage fluoride removal + physical and chemical treatment + water reuse treatment (including silicon removal, hardness removal, UF, and three-stage RO)". A portion of the treated wastewater is reused in workshop production, while the remaining compliant wastewater is discharged into a dedicated sewage network. After being treated by the Tongchuan municipal government's dedicated wastewater treatment plant, it is reused. In 2025, 100% of the plant's production wastewater was reused in the production process, achieving efficient recycling of water resources.



Targets and Performance

Water Resource Utilization Targets and Performance

The Group's target of overall water consumption per unit for 2025

Reduction compared to 2024

18 %

The actual decrease was
(meeting the target)

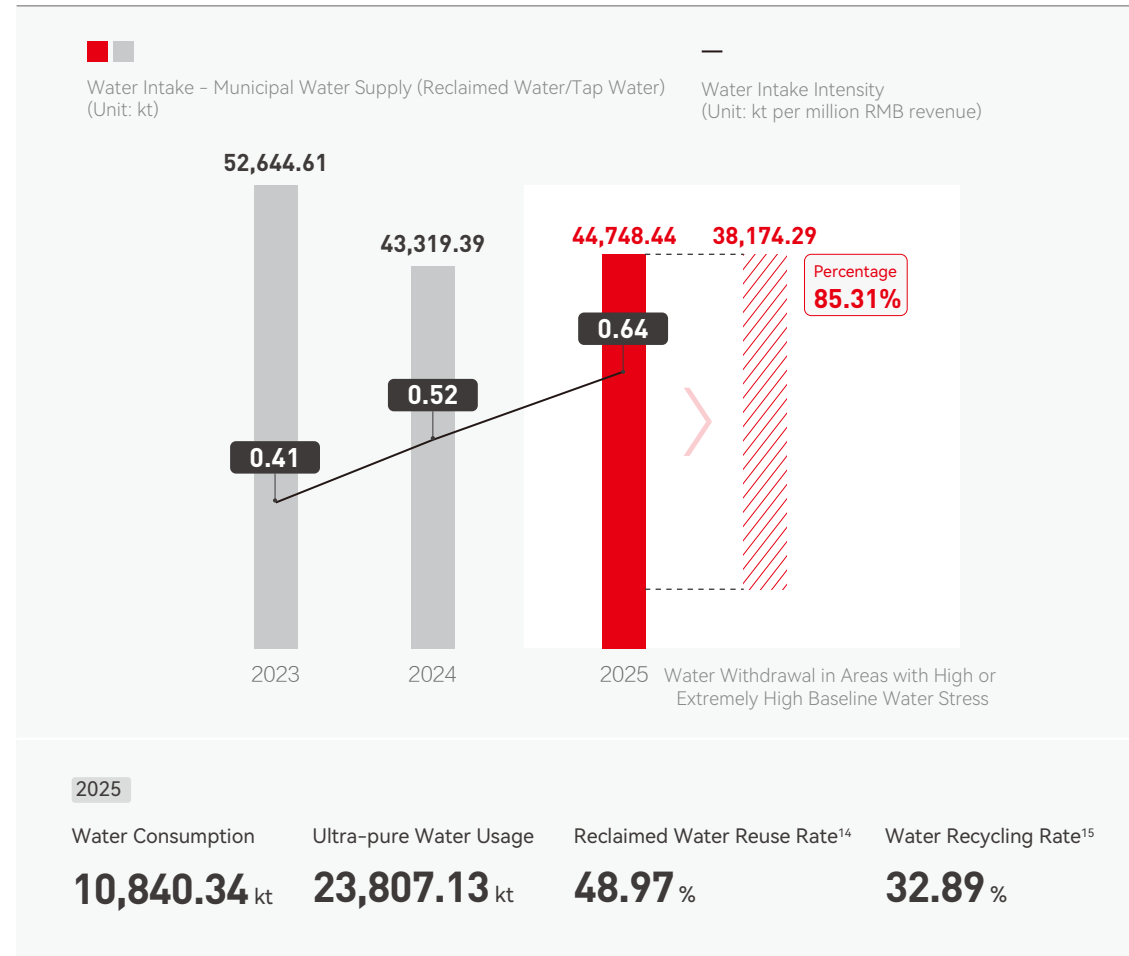
24.75 %

The 2025 targets for each production unit

Water consumption per unit reduction targets for each production unit relative to 2024 are as follows, all of which were achieved

Production Unit ¹³	Target Reduction Rate	Actual Reduction Rate
Monocrystalline Silicon	5.13%	17.90%
Wafer	10.43%	29.97%
Cell	18.93%	23.34%

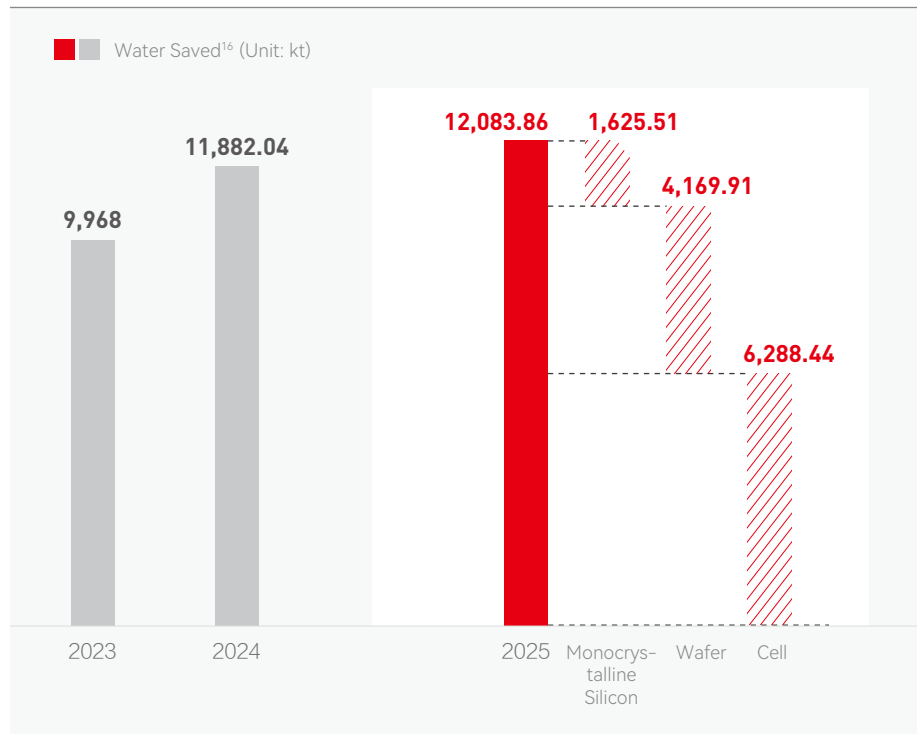
LONGi Water Resource Usage in 2023-2025



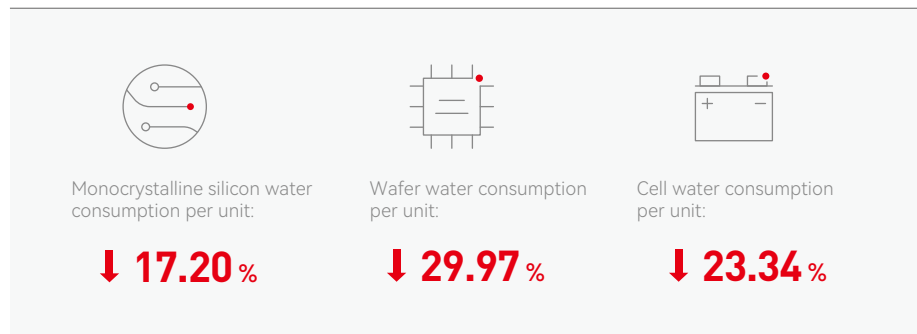
13.Based on data from domestic production bases.

14.Calculation method of reclaimed water reuse rate: Reclaimed Water Reuse Rate = (Reclaimed Water Reused Volume ÷ Total Water Intake) × 100%. The reclaimed water from Tongchuan is generated downstream and is not included in this calculation.

15.Water Resource Reuse Rate = Reused Water Volume / Total Water Consumption; where Total Water Consumption = Total Water Intake + Reused Water Volume.



Year-on-year decrease in water consumption per unit for each process¹⁷:



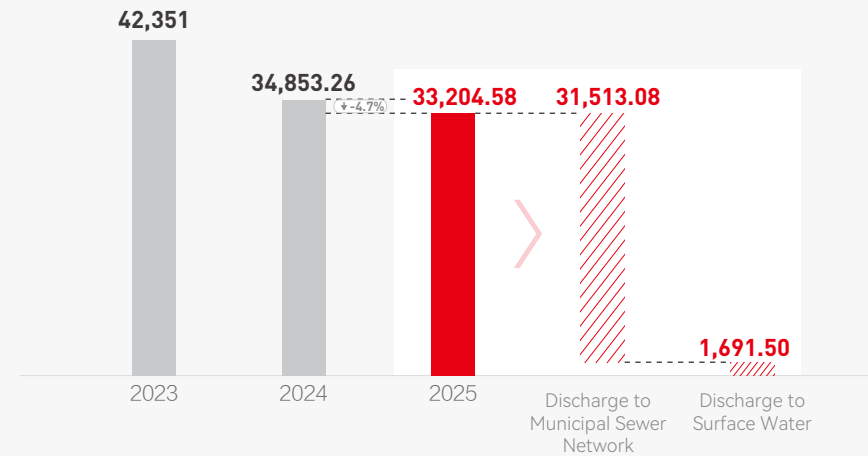
Wastewater Management Targets and Performance



- Reduce COD emission intensity per unit product by **5%** in 2026 compared with 2025

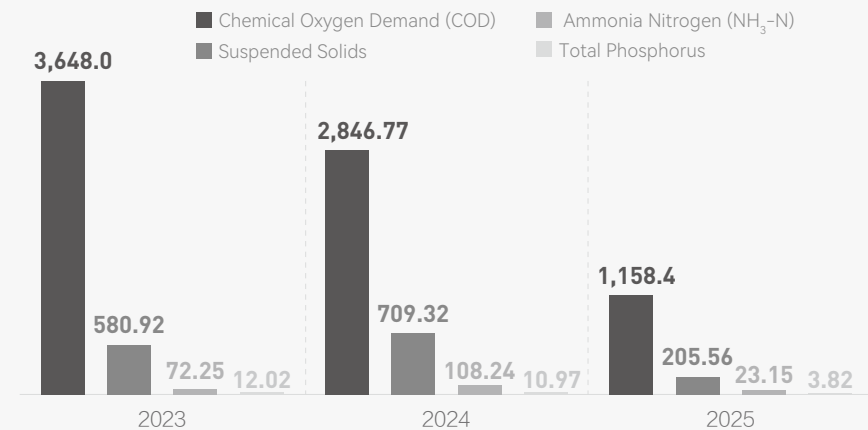
LONGi Wastewater Discharge in 2023-2025

(Unit: kt)



LONGi Water Pollutant Discharge Statistics in 2023-2025

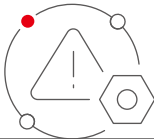
(Unit: kt)



16.Calculation method of product water savings: Product Water Savings = $\sum$ Product Type (Previous Year's Water Consumption Per Unit - Current Year's Water Consumption Per Unit) $\times$ Current Year's Product Output.

17.Based on data from domestic production bases.

Pollution



Strategy and Approach

LONGi strictly adheres to the relevant provisions of 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 Atmospheric Pollution*, the *Regulations on the Administration of Construction Project Environmental Protection*, and the *Law of the People’s Republic of China on Environmental Impact Assessment*. Based on the national policies regarding clean production audits, the Company has established a comprehensive, multi-dimensional environmental management system led by its EHS Management Committee. This includes formulating internal policies covering all operational sites, such as the *Environmental Protection Control Procedures*, the *Exhaust Gas Management Policy*, the *Technical Guidelines for Operating and Monitoring Exhaust Gas Treatment Facilities*, the *Rainwater and Sewage Management Policy*, the *Environmental Noise Management Policy*, the *Soil and Groundwater Management Policy*, the *Solid Waste Management Policy*, and the *Technical Guidelines for Hazardous Waste Management*. Supported by management policies for each environmental factor and guided by technical directives for each management element, the Company comprehensively carries out environmental management work from source prevention and process reduction to end-of-pipe treatment, enhancing its integrated pollution control capabilities to ensure that all pollutant emissions meet compliance standards.

Actions and Practices

The primary exhaust gas pollutants generated from LONGi’s production and operations include nitrogen oxides, sulfur oxides, particulate matter, and volatile organic compounds (VOCs). The Company adheres to the principle of “classified collection and graded treatment”, continuously optimizing its exhaust gas collection systems to promote the complete transition from fugitive emissions to organized emissions. In 2025, we deepened synergistic emission reductions through both source control and end-of-pipe treatment. At the source, some module bases are promoting the use of environmentally friendly soldering flux to replace traditional flux, fundamentally reducing VOC generation. For treatment, module bases are actively introducing and implementing advanced, high-efficiency processes such as “zeolite rotor concentrators + RTO (Regenerative Thermal Oxidizer)” to replace traditional two-stage activated carbon adsorption technology, effectively enhancing treatment efficiency and operational stability. Concurrently, the Company develops emission reduction plans for each production stage and conducts inspections and provides technical guidance to all operational bases, ensuring that pollutant emissions strictly comply with national limits and relevant standards to effectively protect ambient air quality.

Generation Stage	Exhaust Gas Type	Reduction Measures
Texturing diffusion	HCl, fluorides, Cl ₂	Treated with two-stage alkaline spray scrubbing
Laser SE	Particulate matter	Collected and treated using pulse bag dust collectors
Wet Etching	NOx, fluorides	Treated using a four-stage alkaline spray scrubber; added wet scrubbing towers to enhance the treatment capacity for nitrogen-containing exhaust gas
Coating	Ammonia, particulate matter	Treated using silane combustion, dust collectors, and a single-stage spray scrubber
Laser Grooving	Particulate matter	Treated using pulse bag dust collectors
Screen Printing	Non-methane hydrocarbons (NMHC)	Treated using activated carbon adsorption units

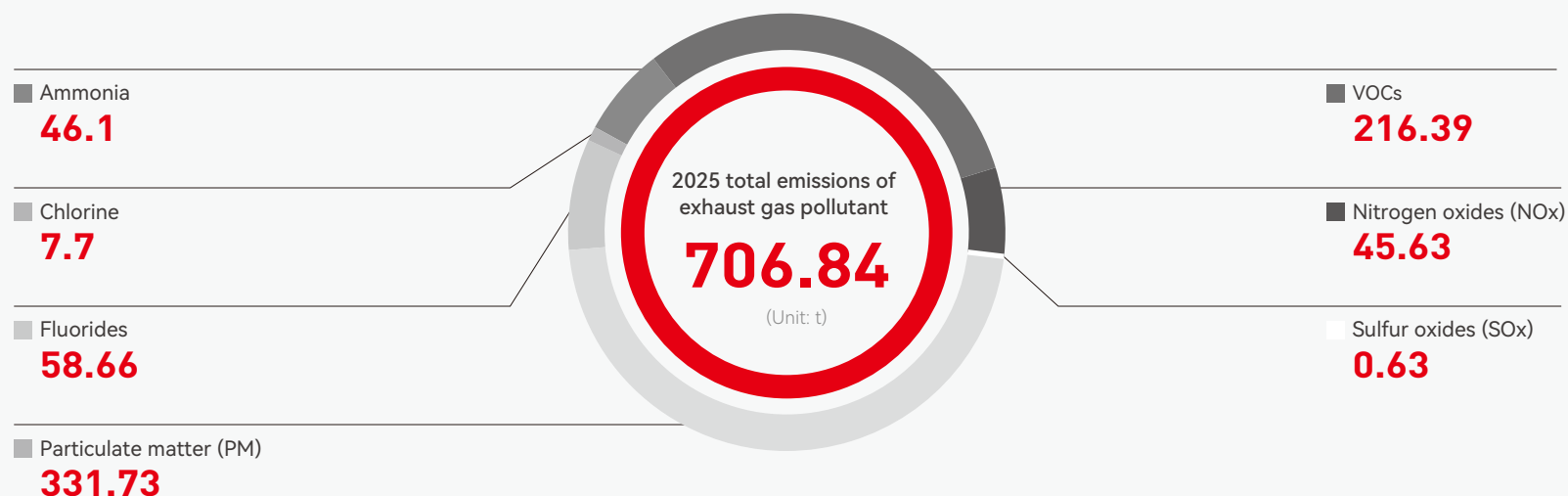
Targets and Performance

Pollutant Emission Reduction Targets

- Reduce VOC emission intensity per unit product by **5%** in 2026 compared to 2025

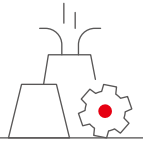


Pollutant Emission Performance¹⁸



¹⁸Data for new bases such as Tongchuan, Weibei, and Ordos was added in 2025, leading to an increase in VOC emissions.

Waste



Strategy and Approach

LONGi strictly complies with the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste* and other relevant laws and regulations at its domestic and international operating sites. The Company has formulated the *LONGi Environmental Management Policy*, the *Solid Waste Management Policy*, the *Technical Guidelines for Hazardous Waste Management*, and the *Administrative Measures for Environmental Resource Utilization and Benefits*. Adhering to a management strategy of reduction, resource recovery, and harmless treatment, we actively promote the development of a “waste-free factory” system to enhance our waste management standards.

LONGi integrates the philosophy of minimizing environmental impact throughout the entire product life cycle, from design to manufacturing, and is committed to reducing the use of hazardous substances at the source. We strictly adhere to international standards such as the European Union's *Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS)*, the *Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)*, and the *Industrial Emissions Directive (IED)*. We implement strict controls or elimination measures for hazardous substances such as lead, mercury, cadmium, DEHP, BBP, DBP, and DIBP in module materials including glass, frames, backsheets, and laminates. At the same time, we are accelerating testing for per- and polyfluorinated alkyl substances (PFAS) in our products and plan to gradually implement the recycling of fluorine-containing modules to meet future international market requirements for PFAS.



Actions and Practices

LONGi consistently upholds the product life cycle philosophy, coordinating resource utilization and waste management to build a closed-loop system of “source reduction – process control – end-of-pipe resource recovery”. For hazardous waste, LONGi exclusively entrusts third parties with hazardous waste management licenses for its utilization or disposal, and maintains full-process supervision and management to ensure a controllable, closed-loop disposal process. For non-hazardous waste, we explore its circular economy value and actively promote the high-value utilization of solid waste, transforming waste into new resources.

Category	Waste Generated from Production and Operations	Treatment Measures
General Industrial Waste	262,367.64 t	Primarily sold for comprehensive utilization, supplemented by disposal by qualified entities
Plastic Waste	3,505.86 t	Sold for comprehensive utilization
Kitchen Waste	3,731.40 t	Disposed by qualified entities
Office Waste	6,521.73 t	Centrally disposed by qualified Institutions
Hazardous Waste	17,150.75 t	Transferred to entities qualified for hazardous waste disposal/utilization

CASE STUDY

LONGi implements environmental resource utilization

In 2025, the Company enhanced its environmental resource utilization, focusing on resource integration, risk management, technological innovation, horizontal expansion and alignment, and policy support to systematically advance resource utilization efforts across all its sites from six dimensions: source reduction, hazardous waste detoxification, waste recycling, resource reutilization, management optimization, and technological upgrades. Throughout the year, the Company reduced the generation of activated carbon, ethanol waste liquid, and calcium fluoride sludge by 1,297.28 tons, effectively lowering the overall scale of waste produced. Simultaneously, by converting biochemical sludge and gutter oil sediment into garden fertilizer and cement raw materials, the volume of solid waste recycled reached 20,029 tons, realizing the value recovery of waste materials. These solid waste resource utilization projects generated a cumulative revenue of RMB 32.59 million, leading to continuous improvements in waste management levels.



Targets and Performance

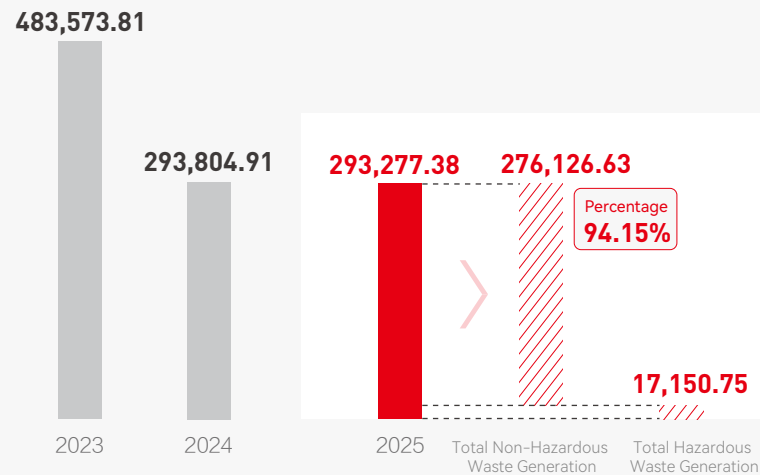
Waste Reduction Targets

- Non-hazardous waste recycling rate of no less than **80%**



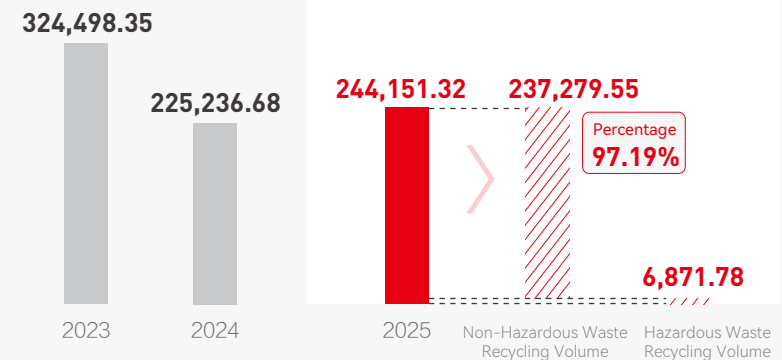
Waste Emission Performance

■ ■ Total Waste Generation (t)



Data of previous years	Unit	2025	2024	2023
Total Non-Hazardous Waste Generation	t	276,126.63	272,095.2	441,654.12
Non-Hazardous Waste Generation Intensity	t/ million in revenue	3.93	/	/
Total Hazardous Waste Generation	t	17,150.75	21,709.71	41,919.69
Hazardous Waste Generation Intensity	t/ million in revenue	0.24	/	/

■ ■ Waste Recycling Volume¹⁹ (t)



Previous year data	Unit	2025	2024	2023
Non-Hazardous Waste Recycling Volume	t	237,279.55	224,877.13	323,803.54
Hazardous Waste Recycling Volume	t	6,871.78	359.56	694.81

¹⁹Refers to the amount of waste that enters the resource recovery process, excluding the amounts disposed through incineration, landfill, and waste-to-energy incineration.

Resource Use and Circular Economy



Strategy and Approach

With the in-depth implementation of the *EU Ecodesign for Sustainable Products Regulation (ESPR)* and the rise of global green trade barriers, LONGi continues to integrate zero-waste design and full life cycle management into its corporate operations, building on its thorough implementation of China's "14th Five-Year" Plan on Green Development of the Industrial Sector and "14th Five-Year" Plan for Developing Circular Economy, as well as the *EU Circular Economy Action Plan*. The Company is dedicated to extending product life cycle value through technological breakthroughs and commits to maximizing the circular properties of materials from the design source, leading the PV industry's accelerated transformation toward a "resource-saving and environmentally friendly" model. Concurrently, the Company is accelerating R&D in substance content testing and fluorine-free substitution technologies and is actively responding to the *EU Waste Electrical and Electronic Equipment (WEEE) Directive* by planning for the scientific recycling and resource treatment of fluorine-containing modules to meet future international market demands for green products.

In terms of management policies, LONGi has formulated the *Administrative Measures for Environmental Resource Utilization and Benefits*. Through cross-departmental collaboration, the Company has established a closed-loop resource system that spans from R&D and design to procurement, manufacturing, logistics, and recycling, ensuring the institutionalized implementation of circular economy principles across the entire business chain.



Actions and Practices

Developing a Circular Economy

Product Full Life Cycle Management

LONGi continuously explores the value of the circular economy, integrating the philosophy of minimizing environmental impact throughout the entire product life cycle—from design and manufacturing to green packaging, logistics, transportation, and product recycling—with the goal of maximally reducing the product's impact on the natural ecosystem.

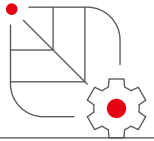
Stage	Action	Results
 Product Design	- We increased the module warranty period to extend its service life. - We promoted the application of new materials, new processes, new technologies, and new models to advance upgrades in production processes and technologies. - We practiced waste-free design, optimized product recyclability and material efficiency, and extended modules' service life. - We reduced the use of hazardous substances and increased the proportion of recyclable components, promoting large-scale application of environmentally friendly materials.	Product warranty has been further extended from 25 years to 30 years.
 Product Manufacturing	- The “Lighthouse Factory” leverages digital applications such as machine vision automation, AI-powered full-process inspection, and intelligent algorithm management to achieve high efficiency and conservation of resources and energy in the manufacturing process. - We continuously optimized process flows and strengthened solid waste management to constantly enhance solid waste reduction and resource utilization capabilities.	- The energy consumption per unit product of the “Lighthouse Factory” decreased by a significant 10.1% year-on-year. - Waste reduced by 1,297.28 tons. - Waste resource utilized reached 20,029 tons.
 Green Packaging	- We adopted recyclable and renewable materials, combined with measures such as circular use and structural optimization, to achieve packaging reduction. - We used shipping containers as warehouses, replacing traditional warehouses to improve resource utilization efficiency. - We designed and applied recyclable packaging for upstream and downstream transportation.	We continuously promoted circular packaging solutions to reduce the use of single-use packaging and waste generation at the source, advancing green packaging. - Recyclable packaging adoption rate reached 100% for crucible products, with cumulative shipments of approximately 56,000 units by 2025. - Recyclable packaging adoption rate reached 100% for silicon wafer products, with cumulative shipments of approximately 470 million pieces by 2025. - Cargo volume under the container-for-warehouse model hit about 850 MW in 2025, a substantial increase compared with 2024.
 Logistics and Transportation	- We optimized the logistics system and build an intelligent and information-based logistics network. - We adopted multimodal transport.	We continuously promoted low-carbon transportation modes such as shifting from road to rail and road to water, optimizing the transport structure to reduce carbon emissions across the entire chain. - The application rate of multimodal transport at the front end of international ports reached 81%, with cumulative shipments of approximately 54,000 TEUs. - The application rate on European inland routes suitable for multimodal transport reached 43%, with a cumulative shipment of 1,047 TEUs. - The application rate on domestic routes suitable for multimodal transport reached 44%, with cumulative shipments of approximately 7.4 GW.

Stage	Action	Results
 Product Recycling	- We strictly followed the EU's IED and WEEE directives for the scientific and standardized recycling of end-of-life product modules. The Company holds several low-energy, environmentally friendly recycling patent technologies. We have also joined multiple national-level PV recycling industry organizations to jointly promote standard-setting and industrial development for PV module recycling. - LONGi collaborated with value chain partners to actively advance module recycling initiatives in Latin America, jointly promoting the development of infrastructure for PV module recycling systems and exploring the synergy between PV and circular economy. - The Company has joined the "Photovoltaic Recycling Industry Development Cooperation Center" co-initiated by the China ECOPV Alliance, and the "Module Recycling Task Force", led by the China Photovoltaic Industry Association, to actively promote PV module recycling efforts. - LONGi has invested in the R&D of original module dismantling technology and has been working with third parties to systematically advance the industrialization of this technology. A thousand-ton-level module recycling and dismantling demonstration line has been under construction, which would achieve new breakthroughs in reducing the module carbon footprint, minimizing emissions of waste gas, waste water, and solid waste during dismantling, and enhancing the purity of recycled materials.	- The Company has joined PV module recycling systems in key European countries. - In Latin America, the Company has partnered with Rafqui, a well-known PV module recycling institution in Mexico, and has received certification from PVCycle, Brazil's first PV recycling industry organization. - Up to 94% of materials in PV modules can be recycled and reused. - In 2025, LONGi collaborated with WEEE compliance organization to report a total of 4,589.27 MW. 

LONGi's Product Full Life Cycle Management Measures



Biodiversity and Ecosystems

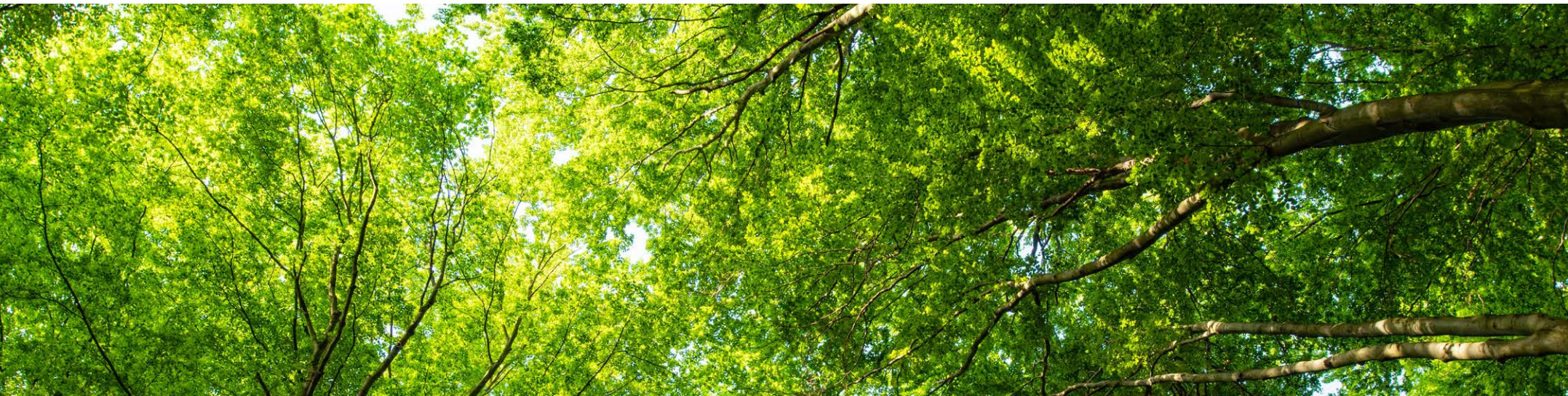


Strategy and Approach

LONGi strictly complies with environmental laws and regulations such as the *Law of the People's Republic of China on Environmental Impact Assessment* and the *Regulations on the Administration of Construction Project Environmental Protection*, deeply integrating ecological protection concepts into the entire project life cycle. The Company has issued the *LONGi Biodiversity Policy*, solemnly pledging to achieve biodiversity “net zero loss” and “zero deforestation” by 2050, and is committed to achieving a “net positive impact” on nature by 2060. LONGi commits not to conduct any form of operations within World Natural Heritage sites, ecologically sensitive areas, vulnerable areas, or their buffer zones; prohibits activities in protected areas and other areas of significant biodiversity value that are inconsistent with their management objectives. We adhere to the principles of “mitigation first, systematic protection, and multi-party participation” and have formulated the *Nature and Biodiversity Management Policy*, committing to proactively avoid World Natural Heritage sites and ecological red line areas in our operations. We will deeply integrate biodiversity management with existing environmental management mechanisms, utilizing established governance structures and management systems to promote the systematic implementation, routine operation, full-chain integration, and coordinated control of nature and biodiversity management.

Through the Board of Directors' Strategy and Sustainability Committee, LONGi supervises and implements the Company's biodiversity policy, systematically advancing biodiversity conservation efforts, reviewing biodiversity-related strategies and goals, and overseeing their execution. The Company's management and environmental management departments work collaboratively. The Group's EHS management department is responsible for the promotion, implementation, and evaluation of specific plans for the various management requirements in the policy, ensuring that the operational activities of the Group and its subsidiaries comply with the policy.

 For detailed information on the nature-related governance structure, please refer to the *2024 TNFD Report*.





Planning and Design Phase

- We strictly adhere to the “Ecological Protection Red Line” to protect natural elements such as mountains and vegetation, ensuring project designs are coordinated with the ecological environment.
- Before project site selection, comprehensive ecological baseline surveys are conducted to identify local key species and their habitat characteristics, assess the potential impact of the project on biodiversity and natural resources, and formulate targeted strategies to protect the integrity of local endemic species and their habitats.



Construction Phase

- We strictly comply with all laws and regulations related to biodiversity conservation and conduct environmental impact assessments in accordance with the “Three Simultaneities” principle.
- We optimize construction plans to reduce construction time and material consumption, prioritize the use of biodiversity-friendly materials and equipment, and strictly control pollutant emissions during the construction period.
- We implement ecological restoration in areas affected by construction and establish long-term maintenance mechanisms to promote ecosystem recovery.



Operations and Maintenance Phase

- We conduct regular inspections for environmental hazards to promptly identify and address potential issues.
- We carry out environmental protection educational activities to foster a positive atmosphere where employees actively participate in ecological conservation.



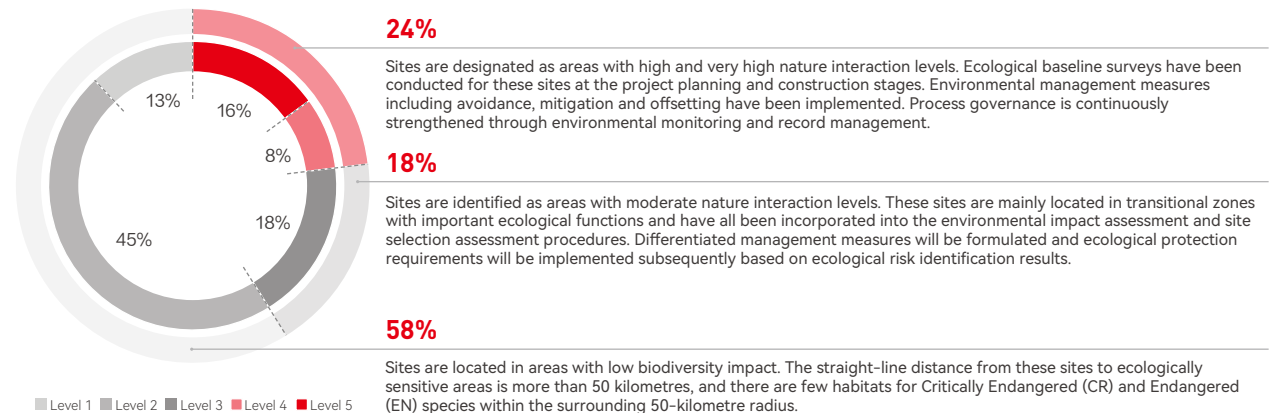
Actions and Practices

Ecological Impact Assessment

In 2025, following the LEAP analysis method recommended by the TNFD, LONGi conducted a systematic assessment of nature-related impacts and dependencies at its operational bases worldwide—including those for wafers, cells, modules, PV power stations, and green hydrogen—by following the four steps of Locate, Evaluate, Assess, and Prepare. Utilizing authoritative international databases such as the Integrated Biodiversity Assessment Tool (IBAT) and the Biodiversity Impact Assessment Tool (BIA), the Company conducted a comprehensive analysis within a 50-kilometer buffer zone centered on each base to quantify the level of interaction between its production activities and the natural environment.

In the Evaluate phase, to scientifically assess the interaction between the Company’s operations and natural ecosystems, we categorized the upstream and downstream stages of each business segment’s value chains according to the *International Standard Industrial Classification of All Economic Activities* (ISIC) and, referencing the assessment results from the Exploring Natural Capital Opportunities, Risks and Exposure (ENCORE) tool, identified and analyzed LONGi’s dependencies and impacts on nature.

According to the assessment, 58% of the Company’s operational bases are in areas with a low level of natural interaction, 18% are in areas with a medium level, and 24% are assessed as having a high or very high level of natural interaction due to their proximity to ecologically sensitive areas such as Yunnan and the southeastern coast. In these key regions, the Company has formulated strict, differentiated, and tiered control and avoidance strategies based on systematic baseline surveys.

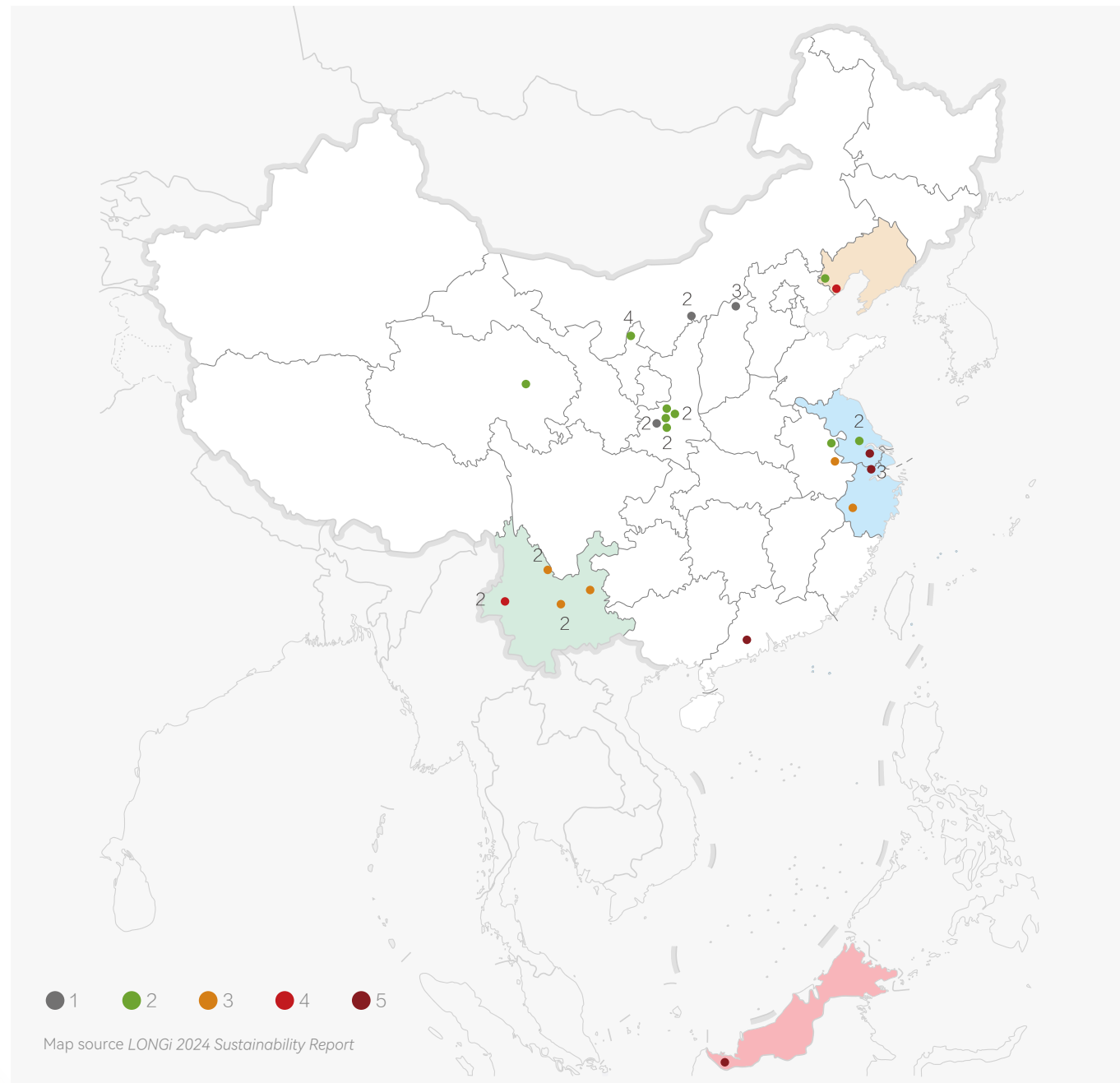


Nature interaction level classification Nature interaction level description

- 1 The site maintains the lowest level of interaction with nature. It features low biodiversity and few protected areas within the buffer zone, with minimal impact of the site on the natural environment.
- 2 There are a small number of protected areas within the site buffer zone. A small number of endangered species may inhabit the vicinity, and the site exerts a relatively minor impact on the natural environment.
- 3 A moderate number of protected areas are distributed within the site buffer zone. The region features relatively rich biodiversity and a certain number of endangered species nearby. Attention shall be paid to potential ecological impacts and unnecessary ecological disturbance shall be avoided.
- 4 The site presents a high level of interaction with nature. It features high biodiversity and a large number of endangered species nearby. It is recommended that the site adopt effective ecological protection measures.
- 5 The site has the highest level of interaction with nature. It features extremely high biodiversity, abundant endangered species nearby, and multiple key nature reserves within the buffer zone.

In accordance with the guidelines of the IUCN Red List of Threatened Species, within a 50-kilometer radius of LONGi's global production bases and power stations, there are critically endangered, endangered, and vulnerable species, including fish, birds, insects, mammals, and various rare plants (such as Liliopsida and Magnoliopsida). From a spatial distribution perspective, the overall operational assets exhibit significant regional clustering characteristics: areas with high levels of natural interaction (Level 4 to 5) are highly concentrated in ecologically sensitive zones like Yunnan and the southeastern coast, while areas with low to medium interaction levels are mostly located in inland regions. Among these, the six core bases rated at the highest interaction level (Level 5) have been designated as key targets for the Company's ecological monitoring and protection.

► Analysis of LONGi's Ecological
Impact Assessment Results



Ecological Synergistic Development

During COP29, LONGi signed a Memorandum of Understanding with the International Union for Conservation of Nature (IUCN) to jointly promote the *Initiative of Advancing Climate Action and Biodiversity Conservation with Photovoltaic*, calling on global enterprises to advance ecological protection practices in accordance with conventions such as the *Convention on Biological Diversity* and the *Kunming-Montreal Global Biodiversity Framework*. In September 2025, an IUCN delegation visited LONGi to further deepen the cooperation. Focusing on the implementation of the *Kunming-Montreal Global Biodiversity Framework* in the energy sector, the two parties engaged in in-depth discussions on pathways for the synergistic development of PV and nature, further solidifying the consensus reached in the joint initiative at COP29. IUCN highly recognized LONGi's pioneering exploration in biodiversity management and is assisting LONGi in refining its "mitigation hierarchy" management system by introducing scientific assessment tools and global best practices. In the future, LONGi will collaborate with core departments such as supply chain, finance, and risk control, and under the professional guidance of IUCN, commit to promoting the establishment of industry standards for synergistic development, creating "nature-positive" demonstration projects, and translating the advantages of PV technology into tangible ecological protection effectiveness.



LONGi has fully integrated biodiversity protection into its business operations, promoting a shift from single-point carbon reduction to a systemically integrated model through "PV+" industrial synergistic innovation. In multiple locations worldwide, including Colombia, Saudi Arabia, and Inner Mongolia in China, several "PV+ Ecology" projects have become practical models for promoting regional green transformation. LONGi's diverse practices across the globe demonstrate that the true value of green energy lies not only in its power generation capacity but also in its lasting positive impact on local ecosystems and communities.

CASE STUDY

Saudi Arabia agrivoltaics project

Under the framework of Saudi Arabia's "Vision 2030" and "Green Initiative", LONGi collaborated with SDC to build a 12.54 MW agrivoltaics project. Through a model of "power generation on panels, planting beneath panels", the project not only provides clean electricity but also effectively reduces surface water evaporation and improves the microclimate, achieving synergistic development between PV power generation and agricultural production. Furthermore, a smart drip irrigation system powered by PV electricity achieves the dual benefits of saving 35% of water consumption and 70% of energy use, further reducing the overall costs of agricultural production. This practice not only verifies the reliability of LONGi's technology in extremely hot environments but also successfully implants the concept of "empowering agriculture with sunlight" in the Middle East, achieving a leap from solving isolated electricity access issues to driving regional energy transformation.



Targets and Performance

Biodiversity Protection Targets

- Achieve the targets of biodiversity “zero net loss” and “zero deforestation” by 2050.
- Achieve the target of “net positive impact” by 2060.



Biodiversity Protection Performance

2025



None of LONGi's production bases or operating sites are located within ecological redline areas.

Number of project delays related to ecological impacts

0

Total duration of project delays related to ecological impacts (days)

0



Chapter 4

HARMONIOUS LONGi

Fostering a Society with Belonging

At LONGi, we believe that the sustainable development of a business stems from respect for “people” and a sense of responsibility towards “society”. We not only adhere to international labour standards but also integrate respect into every detail of employee recruitment, development, and care through the *LONGi Human Rights Policy*, building a solid safety line of defense with a robust EHS system so that every employee can thrive on LONGi’s platform and achieve mutual growth. Grounded in photovoltaic technology, LONGi incorporates social responsibility into its development strategy, leveraging green technology to focus on areas such as energy equity and community development to help build an inclusive and sustainable future.

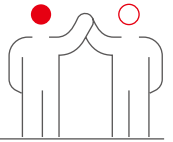


- Labour Rights
- Occupational Health and Safety
- Human Capital Development
- Social Contribution

+ SDGs addressed in this chapter



Labour Rights



Strategy and Approach

LONGi strictly abides by the *UN Guiding Principles on Business and Human Rights (UNGPs)* and the core conventions of the International Labour Organization (ILO), complies with the *Labour Law of the People's Republic of China*, the *Labour Contract Law of the People's Republic of China*, and relevant laws and regulations for the protection of labour rights in the locations of its production and operations, integrates respect for human rights into its corporate policies and management systems, and communicates these policies to its employees, suppliers, and other partners. We have formulated a series of employee rights and human rights protection policies centered on the *LONGi Human Rights Policy*, including the *Administrative Measures for the Prevention of Child Labour and Protection of Underage Workers*, the *Administrative Measures for the Prohibition of Forced Labour*, the *Administrative Measures Against Discrimination and Harassment*, and the *Administrative Measures for the Mediation of Labour Disputes*, to comprehensively regulate all aspects of employee hiring, onboarding, management, and separation, and we are committed to safeguarding the fundamental rights of all employees, suppliers, and other business partners. In 2025, LONGi formally signed the Women's Empowerment Principles (WEPs), advocating for equal development opportunities for male and female employees and supporting female employees in realizing their potential and enhancing their self-worth.

We are committed to building a human rights due diligence management system that spans the entire employee lifecycle. By establishing compliance risk identification mechanisms and remedial measures for negative incidents, we ensure that recruitment policies are effectively executed and our procedures remain transparent and compliant. Furthermore, upon a foundation of strict hiring compliance, we have established a competitive compensation, incentive, and welfare framework prioritizing employees' physical and mental health as well as their career development. Meanwhile, comprehensive grievance and reporting mechanisms offer clear channels for employees to voice concerns. These collective efforts foster a fair, safe, and harmonious work environment that genuinely safeguards every employee's legitimate rights.

Through policies such as the *Supplier CSR Code of Conduct* and the *Supplier Corporate Social Responsibility (CSR) Management Measures*, we extend human rights protection to our supply chain. We actively conduct ESG due diligence on our suppliers, setting clear standards on anti-discrimination, the prohibition of child labour and forced labour, fair remuneration, freedom of association and collective bargaining, and the sourcing of raw materials, thereby providing clear guidance for suppliers to fulfill their human rights due diligence and social responsibilities and systematically promoting respect for human rights among our partners.

 For more details on labour rights management for suppliers, please refer to the Sustainable Supply Chain chapter.



Actions and Practices

Human Rights Due Diligence

LONGi regards respecting and protecting human rights as a core management principle that is integrated throughout the Company's policies and entire value chain management system, and communicates these policies to its employees and suppliers. To proactively identify and assess potential human rights-related impacts and risks, we have established a human rights due diligence mechanism covering the entire value chain, including its own operations, business activities, supply chain, and new business relationships (mergers, acquisitions, joint ventures). We place special focus on critical areas such as child and forced labour. Any supplier found involved in severe human rights violations will be mandated to rectify the issue within a specified timeframe, failing which their contract will be terminated to prevent further adverse impacts.



Key Practices for Labour Rights

• Prohibition of Child Labour



LONGi has formulated the *Administrative Measures for the Prevention of Child Labour and Protection of Underage Workers*, which explicitly prohibits the recruitment and use of child labour in any part of its operations, establishes a child labour relief mechanism. The Company also conducts regular checks on the implementation status of all units through annual internal human resources and social responsibility auditing programs. In the recruitment and employment process, we implements multiple measures, including identity and age verification, confirmation of consistent employment terms, review of voluntary employment intent, and age verification in the onboarding information system, to ensure lawful and voluntary employment and to resolutely prevent the employment of child labour and forced labour.

• Prohibition of Forced Labour



LONGi has formulated and strictly enforces the *Administrative Measures for the Prohibition of Forced Labour*. This policy explicitly prohibits all forms of forced labour, including bonded labour, indentured labour, slavery, and human trafficking. It also forbids charging recruitment fees to applicants while ensuring reasonable freedom of movement for employees within the workplace. To proactively identify and eliminate potential risks, the Company empowers personnel through specialized training, establishes multiple grievance channels, and conducts annual human resources and social responsibility internal audits across all facilities. These combined measures ensure full implementation of the anti-forced labour requirements and further consolidate our responsible employment management system.

• A Culture of Fairness



LONGi values a culture of fairness and actively promotes Diversity, Equity, and Inclusion (DEI) practices, with management and the human resources department collaborating to integrate DEI into strategic decision-making, daily operations, and recruitment, as well as formulating DEI policies and advancing project implementation. The Company sets specific DEI goals and Key Performance Indicators (KPIs), incorporates “employee diversity” into the performance appraisals of the human resources department and the CSO, and regularly assesses the effectiveness of its policies based on data from annual employee satisfaction surveys and training participation rates.

We formulate the *Administrative Measures Against Discrimination and Harassment* and opposes all forms of discrimination, including those based on race, ethnicity, nationality, color, gender, religious belief, and marital status. Under the *LONGi Diversity, Equity, and Inclusion (DEI) Policy*, all employees are expected to fully implement DEI principles. Concurrently, the Company has developed leadership guidelines and management codes of conduct, enhancing their leadership and practical skills through coaching workshops, case studies, and mentorship programs. By establishing a two-way educational mechanism to promote cross-cultural understanding and building a competency development model that covers all levels, we ensure that the DEI concept is implemented simultaneously in both system development and actual operations. The Company actively prevents and properly resolves issues of discrimination and harassment through regular training, clear reporting mechanisms, and strict investigation procedures. Furthermore, persistent promotion and cultural guidance empower every employee to comprehend and enact these principles, fostering a diverse, equitable, and inclusive corporate culture.

Based on existing systems and commitments, to achieve its Diversity, Equity, and Inclusion (DEI) goals, we have adopted a series of measures to advance diverse recruitment, equitable development, and an inclusive culture, integrating DEI principles into its corporate operations and value chains to help build a truly diverse, equal, and respectful work ecosystem. In 2025, building on its promotional efforts on topics like special CSR empowerment, prevention of workplace sexual harassment, and the prohibition of child labour and forced labour, the Company will further introduce an assessment mechanism to strengthen the understanding and mastery of related issues. Simultaneously, the Company is promoting standardized management for its overseas DEI training, with each region strictly adhering to local legal requirements and organizing new employees to complete relevant government-mandated online training.

Work Environment

- We formulate and enforce clear disciplinary mechanisms to prevent bullying, harassment, harm, and discrimination, and maintain a “zero-tolerance” policy towards sexual harassment to ensure all LONGi employees can work in an environment free from discrimination and harassment.



Compensation and Benefits

- We have established compensation management measures to ensure its remuneration system is compliant, fair, and transparent, guaranteeing equal pay for equal work. We also provide a comprehensive range of non-salary benefits to support employee well-being and satisfaction.



Career Development

- We have established a comprehensive career development framework to provide all employees with equal opportunities for career advancement and promotion. The promotion mechanism is strictly based on employees' capabilities, performance, and potential, using a multi-dimensional evaluation method to eliminate any form of bias. Promotion data is regularly reviewed to ensure diversity at all levels, and tailored career development support is provided to employees from different backgrounds.



Internal Communication

- We provide various channels, including but not limited to internal communication platforms and annual and regular employee satisfaction surveys, to ensure that employees feel supported, respected, and heard at work.
- By establishing a two-tier employee representative congress system, we have built a comprehensive and accessible communication and feedback mechanism for employees. We have also enhanced various communication channels such as employee opinion exchange meetings, the Chairman of the Board's suggestion box, hotlines, and the official website to encourage employees to propose improvements.



Corporate Culture

- We are committed to fostering an inclusive and respectful corporate culture that aims to enhance employees' awareness of diversity. To ensure that employees in different regions experience LONGi's DEI culture, we organize various cross-cultural exchange activities to promote mutual understanding and respect among all employees.



Recruitment and Employment

- We implement fair and transparent recruitment processes, strictly adhering to the “Diverse Recruitment” chapter of the *Recruitment Management System*, to ensure that all employees and candidates from various ethnic groups and regions have equal opportunities. We take measures to attract diverse talent, establishes a workforce diversity policy and a management supervision mechanism, and regularly reviews recruitment data to ensure diversity goals are met.



Training and Development

- We ensure that all employees receive the necessary guidance and training relevant to their roles and activities. We provide continuous education and training on DEI and incorporate it into the annual new employee onboarding and development empowerment programs.
- Through methods such as online courses, offline meetings, and case studies, we integrate DEI cultural content—covering topics like anti-discrimination, anti-harassment, diversity awareness, and inclusive practices—into routine employee training to ensure that all employees understand and comply with LONGi's DEI policies, raising overall awareness and enabling effective application of DEI in daily work.



Monitoring and Evaluation

- We set specific DEI goals and key performance indicators. “Employee Diversity” has been established as a key performance indicator for the human resources department and the CSO, including but not limited to the results of annual employee satisfaction surveys and training participation rates. We regularly collect data on these indicators to review and evaluate the effectiveness of policy implementation.
- We provide training to all human resources employees to further create diverse cultural exchange activities and welfare measures that guarantee employee diversity, ensuring our DEI policy is continuously improved and achieves its intended results.
- As part of the UN Global Compact (UNGC) Accelerator Program, LONGi has committed to addressing gender balance and the gender pay gap through time-bound actions. We continuously disclose DEI data and progress in our Sustainability Report to promote transparency and ensure accountability in achieving our goals.



CASE STUDY

LONGi attends the UN Women Asia-Pacific Women's Empowerment Principles Forum to promote gender equality through diversity and inclusion

In advancing global sustainable development, LONGi has always considered gender equality, diversity, and inclusion as vital components of its corporate governance. On 27 November 2025, as the sole representative of a Chinese photovoltaic (PV) manufacturer invited to attend the 2025 UN Women Asia-Pacific Women's Empowerment Principles Forum, LONGi systematically shared its institutional designs and practical achievements in building a gender-equal workplace, showcasing the proactive role of Chinese enterprises in promoting women's empowerment to the international community.

LONGi understands that a diverse and equal employee structure is a cornerstone of corporate innovation and sustainable development. Currently, female employees account for 25% of the workforce, and the proportion of women in management has steadily increased for three consecutive years, gradually turning the concept of gender equality into a reality. In 2024, LONGi officially released the *LONGi Diversity, Equity, and Inclusion (DEI) Policy*, which ensures that all employees receive equal treatment in recruitment, compensation, benefits, training, and promotion at an institutional level, providing a solid guarantee for gender equality.

By joining the UN Women's Empowerment Principles Forum, LONGi is not only committed to improving its internal governance but has also integrated the concept of gender equality into the core of its corporate culture, striving to create a positive and supportive work environment that respects individual differences, promotes equal opportunities, and encourages open communication. In the future, LONGi will continue to be guided by these principles to advance gender equality, diversity, and inclusion in the workplace, marketplace, and community, allowing every employee to shine on an equal stage and jointly write a new chapter for green energy and a better future.



LONGi attends the UN Women Asia-Pacific Women's Empowerment Principles Forum

Human Resources Auditing Programs

The Company conducts internal auditing programs annually for all units under its jurisdiction, including production bases, in line with its social responsibility system and key issues. The scope of these audits covers critical areas such as the prohibition of child labour, protection of underage workers, prohibition of forced labour, anti-discrimination, social security contribution compliance, working and rest hours, and remuneration compliance.



Human Resources Auditing Program Process

Targets and Performance

Labour Rights Performance

In 2025, the Company had no incidents or complaints related to violations of human rights, including child labour, forced labour, or security issues, nor any violations of modern slavery laws in various countries and regions. We conducted human resources compliance auditing programs for all domestic business units as planned, which included audits on the prohibition of child labour and forced labour, with no negative incidents reported in these areas.

Employee Diversity Performance



A total of overseas employees
(non-chinese nationals) have
been hired

2,045

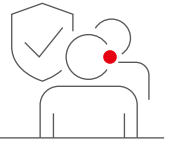


Coverage of employee training on
Diversity, Equity, and Inclusion
requirements and codes of conduct was

100 %



Occupational Health and Safety



Strategy and Approach

Occupational Health and Safety Management

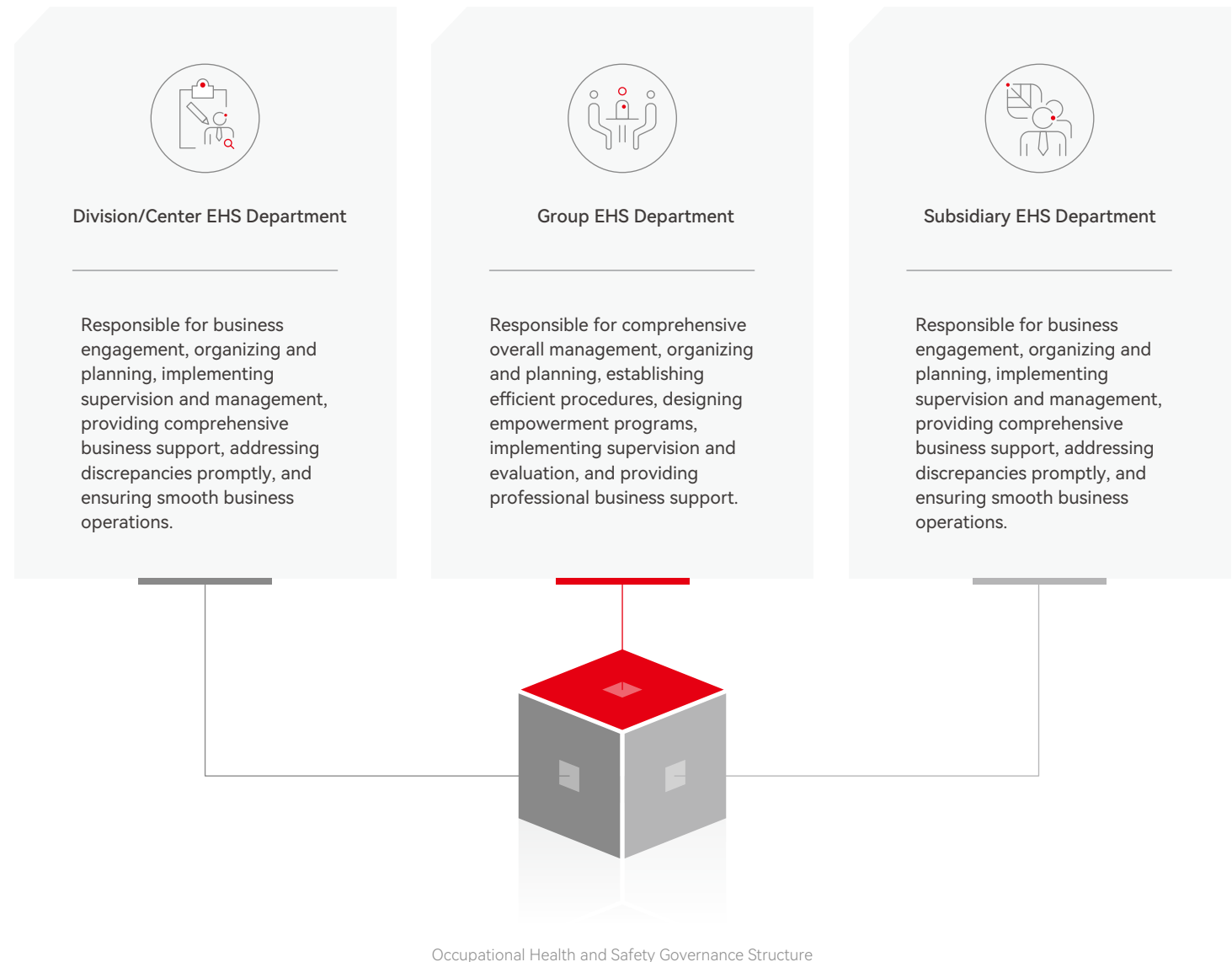
LONGi adheres to the policy of “safety and health, people-oriented, clean production, and legal compliance” and upholds the occupational health and safety commitment of “life first, compliance foremost”, prioritizing the health and safety of employees, suppliers, and contractors. The Company has established a comprehensive occupational health and safety governance structure and a vertical collaborative management mechanism, creating a multi-dimensional and systematic occupational health and safety management system. Measures have been implemented across various aspects, including system development, risk prevention and control, accident prevention, emergency management, culture building, and skills enhancement, to comprehensively prevent safety accidents and continuously improve our occupational health and safety management standards.

LONGi strictly abides by relevant laws and regulations such as the *Work Safety Law of the People’s Republic of China* and the *Law of the People’s Republic of China on the Prevention and Control of Occupational Diseases*, and rigorously follows relevant standards like the International Labour Organization’s *Occupational Safety and Health Convention*. The Company has formulated and continuously optimizes its system of policies, including the *EHS Hazard Identification and Management System*, *EHS Diagnosis and Evaluation Management Measures*, *Management Measures for the Safe Storage of Lithium Batteries*, *Technical Guidelines for Fire Safety of Distributed PV Power Plants*, *Management Measures for the Labour Protection of Special Groups*, and *Emergency Management Guidelines for the Prevention and Control of Infectious Diseases*, thereby constantly solidifying the foundation of its safety management.



EHS System

LONGi has always regarded employee occupational health and safety management as a cornerstone of its sustainable development. Consequently, we have established a robust three-tiered occupational health and safety governance structure comprising “governance, management, and execution levels”. The Board of Directors and the Strategic and Sustainability Committee are responsible for supervision and guidance. Simultaneously, the EHS Committee handles overall decision-making, and the Group’s EHS department directs the systemic planning. The Company operates a vertical management and collaborative mechanism involving the Group, business divisions/centers, and subsidiary EHS departments. At the highest level, the Group sets the targets and oversees supervision. Business divisions/centers then coordinate implementation to ensure management requirements are integrated throughout business processes. Ultimately, subsidiaries focus on execution and autonomous management to ensure the effective promotion of all initiatives. By building an EHS governance barrier that covers all personnel and scenarios, LONGi achieves an organic integration of four key elements: comprehensive risk prevention and control, compliance management, health protection, and continuous improvement. This approach promotes both compliant operations and the enhancement of employee health and safety. In 2025, the Company introduced the *Rules for Rewards and Penalties in the EHS Field on Core Profits*, closely linking safety management performance with business performance to drive the effective implementation of safety responsibilities and management goals across the entire business chain.



Guided by the overall framework of its “EHS Vision, Mission, Goals, Policy, and Values” and aiming for “zero accidents, zero injuries, and zero pollution”, LONGi has built an occupational health and safety management system²⁰ that encompasses system mechanisms, compliance management, risk management, emergency response, foundational management, and cultural development. This system continuously strengthens the safety line of defense for production and operations, fostering a deep integration of organizational capability enhancement and sustainable development.

During the Reporting Period,
LONGi achieved:

Employee covered by the
Occupational Health and Safety
Management System

100 %



Coverage of ISO 45001
Occupational Health and Safety
Management System
certification at production bases

100 %



Actions and Practices

Occupational Health and Safety Risk Management

LONGi has established a comprehensive occupational health and safety risk management system covering the entire process of risk identification, assessment, control, and monitoring. Focusing on process-oriented, information-based, and intelligent approaches, the Company strengthens occupational health and safety risk management through measures such as hierarchical risk control, closed-loop management of hazards, intelligent risk control, and ERT team training. We encourage full employee participation in hazard identification and hierarchical risk control, continuously improve emergency plans, and conduct regular drills to comprehensively enhance our safety operational capabilities and ensure the security and stability of our business operations.

Safety Risk Identification

- We focus on conducting risk assessments throughout the entire production process. Leveraging EHS risk assessments during the project initiation phase and hazard identification during the operational phase, we comprehensively identify risks in scenarios such as behavioral safety, mechanical safety, process safety, electrical safety, construction safety, and process/building fire prevention.
- We identify hazards such as safety risks, occupational disease factors, food safety issues, and shortcomings in emergency response capabilities to systematically build a comprehensive risk database.

Safety Risk Assessment

- We have established assessment models for leadership, competency, electrical safety, mechanical safety HMI, process safety, and fire loss prevention to systematically evaluate risks related to personnel and systems, formulate hierarchical control measures, and clarify key prevention and governance priorities.

Safety Risk Monitoring

- Leveraging the EHS information platform, the Company achieves dynamic tracking of the entire process of risk identification, rectification, and verification, while continuously monitoring the effectiveness of special campaigns to ensure closed-loop risk management and systematically reduce various safety risks.

Safety Risk Control

- We have developed the “One Line, Three Networks, Five Actions”²¹ LNA special model for accident prevention to systematically reduce safety risks caused by “unsafe human behaviors”. This model deepens business integration and drives full employee and business participation in work-related injury prevention and management.
- To systematically reduce safety risks arising from unsafe physical conditions, the Company comprehensively identifies and assesses a list of high-risk equipment that could lead to Level I, II, or III accidents, clarifies the top safety control points for each piece of equipment, and has established a safety risk and hazard database and a dynamic safety risk assessment system to shift the focus to prevention, dynamically monitor and supervise the implementation of safety control measures, and prevent industrial accidents.
- To mitigate risks in design, installation, and manufacturing, mechanisms such as project risk assessment and full-lifecycle equipment management have been established to enhance intrinsic safety levels from the source.
- Considering the accident characteristics of the industry, we systematically advance specialized safety governance in six major areas: mechanical safety, behavioral safety, process safety, electrical safety, construction safety, and process and building fire prevention.
- Through activities such as job-specific knowledge and skills training, monthly themed events, Occupational Health Promotion Month, Safety Production Month, and Fire Safety Month, the Company continuously strengthens the safety awareness and skills of all employees.

Occupational Health and Safety Risk Management System

²⁰ Link to the LONGi EHS (Environment, Health, and Safety) Framework: https://static.longi.com/EHS_64005df5c7.pdf

²¹ One Line: The management line from the principal responsible person/deputy general manager, department head, full-time/part-time EHS personnel, manager, workshop/group (section) head, to the team leader/employee. Three Networks: The three supervision and management networks of the Group, business divisions/centers, and production bases. Five Actions: A1: Safety Patrols, A2: Safety Observations, A3: SIFs-Pa, A4: SOP Reviews, A5: Risk Perception.

Safety Emergency Management

The Company continues to deepen its three-dimensional fire prevention and control network based on the “1-3-5 Emergency Management Model + Three-Level Grid Inspection”, consistently strengthens its ERT (Emergency Response Team) and enhances the emergency response capabilities of all employees, and formulates site-specific emergency capability development plans to ensure comprehensive coverage of its emergency system.



Conduct specialized emergency first aid programs and complete six batches of empowerment training sessions covering cardiopulmonary resuscitation (CPR+AED), Red Cross First Aider (Junior), and Red Cross First Aider to enhance employee emergency response skills and improve first aid procedures.



Establish a group-wide emergency medical aid system, provide an additional 1,800 person-times of specialized first aid training in 2025, and issue special certificates to personnel who pass the assessment.



Deepen the governance of occupational hazard factors, establish a “one person, one file” health management system, and systematically carry out specialized improvements in emergency first aid and food safety.

Safety Emergency Management Measures

Safety Capability Building

Guided by the P.E.A.C.E. safety culture model, LONGi promotes full employee participation in risk governance and systematically advances the development of its occupational health and safety system, aiming to build a co-governance framework where “everyone is responsible for safety everywhere”. Following a concentric circle model, the Company empowers EHS leaders through the LMP-EHS program. This targeted initiative hones their core competencies in system building, accident prevention, emergency management, safety culture development, and compliance management to solidify the strategic foundation of our occupational health and safety management.

We identify key positions related to EHS management, define the scope of EHS training for each role, meticulously delineate responsibilities for different positions, and conduct targeted occupational health and safety empowerment training. At the same time, we have launched a special “All-Employee Health Management Initiative”. Under this initiative, we push EHS management updates through the “Safe LONGi” and “Healthy LONGi” service accounts, sustain the active operations of our EHS Academy, and continuously refine our EHS curriculum. Our regular training sessions and themed monthly campaigns revolve around critical objectives: comprehensive occupational health protection, standardized safety production management, improved emergency response, and knowledge sharing for safety personnel. Over time, these efforts have coalesced into a multi-layered and far-reaching mechanism for disseminating knowledge and building capacity. This systematically constructs an occupational health and safety ecosystem encompassing health promotion, awareness enhancement, skill reinforcement, and full employee participation, making health and safety a distinct feature and solid foundation for the Company’s sustainable development.



The P.E.A.C.E. Safety Culture Model

Launched the special “All-Staff Health Management Initiative”, advancing 10 measures across five areas: health education and promotion, health assessment and record-keeping, healthy diet promotion, health and fitness activities, and screening of high-risk groups.

Established the “Healthy LONGi” service account, building a content matrix with seven categories and regularly publishing health information. 11 issues were released in 2025, achieving a readership of over 12,000.

Revised the *EHS Hazard Identification and Management System*, developing targeted guidelines and courses for multiple systems and modules—including mechanical safety, hazardous chemicals, utility and auxiliary equipment, electrical safety, and hazardous operation safety—which were delivered to relevant business departments to promote system implementation.

Safety Culture Development Measures

Targets and Performance



Occupational Health and Safety Targets

- With the fundamental goal of “zero accidents, zero injuries, and zero pollution”, LONGi systematically builds and continuously improves its occupational health and safety management system, dedicated to fully integrating health and safety concepts into its strategic decisions and entire operational processes to lay a solid foundation for sustainable and responsible development.

Occupational Health and Safety Performance

 In 2025, LONGi

Conducted safety
production activities

683

Conducted internal
production safety
audits

648

Conducted external and
third-party production
safety reviews and
supervisions

331

Safety hazard
rectification rate

99.62 %

Work-related
fatalities

0

Contractor
fatalities

0

Investment in work
injury insurance

RMB **19.53** million

Coverage of work
injury insurance

100 %

▼ Occupational health and safety training

Total training hours

1,962,104

Total number of
employees trained

38,388

Total training sessions

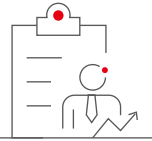
2,157

Investment in resources

RMB **106.82** million



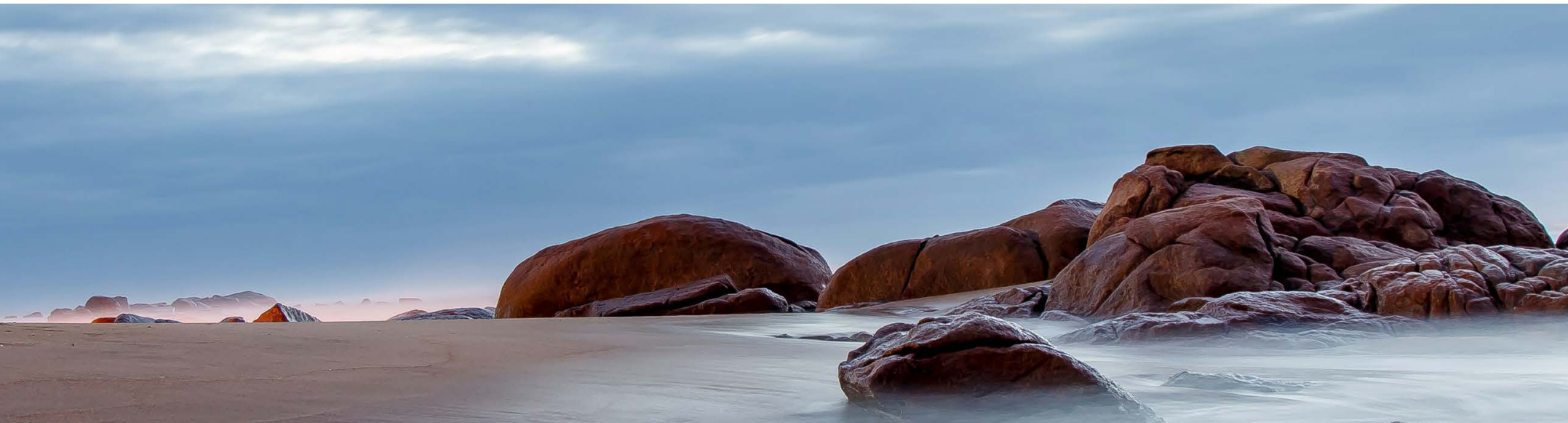
Human Capital Development



Intrinsic Motivation

Driven by the global energy transition and a steadfast mission for sustainable development, LONGi is systematically restructuring and strategically upgrading its human capital system. This transformation is an essential step as the Company evolves from a traditional photovoltaic product manufacturer into a global provider of comprehensive clean energy solutions. The global energy industry is currently accelerating its shift towards being cleaner, more systematic, and more intelligent. Correspondingly, customer demand have shifted from purchasing single photovoltaic products to seeking integrated energy services that merge photovoltaic, energy storage, hydrogen energy, power electronics, and digital energy technologies across the entire lifecycle. In response to industry technology iteration, heightened global competition in clean energy, and the core strategic imperative of long-term value creation, LONGi is proactively breaking from its traditional talent structure focused on single manufacturing and vertical R&D. The Company is actively updating its talent competency models and optimizing its workforce layout to build a new talent framework. This modern system is dual-driven by specialized scientific R&D experts and versatile interdisciplinary professionals.

LONGi deeply integrates its core mission to “Making the Best of Solar Energy to Build a Green World” into the entire process of talent attraction, cultivation, motivation, and career development. Utilizing our core values as the binding force, we achieve a profound fusion between individual employee growth and long-term organizational success. The Company has enhanced its talent recruitment mechanisms, a multi-level and categorized talent development system, diversified career development pathways, performance appraisal and incentive mechanisms, and an international talent management system to promote high-level synergy between its human capital strategy and overall corporate strategy. By building a modern talent mechanism adapted to the demands of global markets, technological innovation, cross-cultural management, and sustainable development, LONGi continues to deepen the strategic upgrade of its human capital, leveraging talent advantages to support its global expansion and build a strong barrier of core competitiveness.



Strategy and Approach

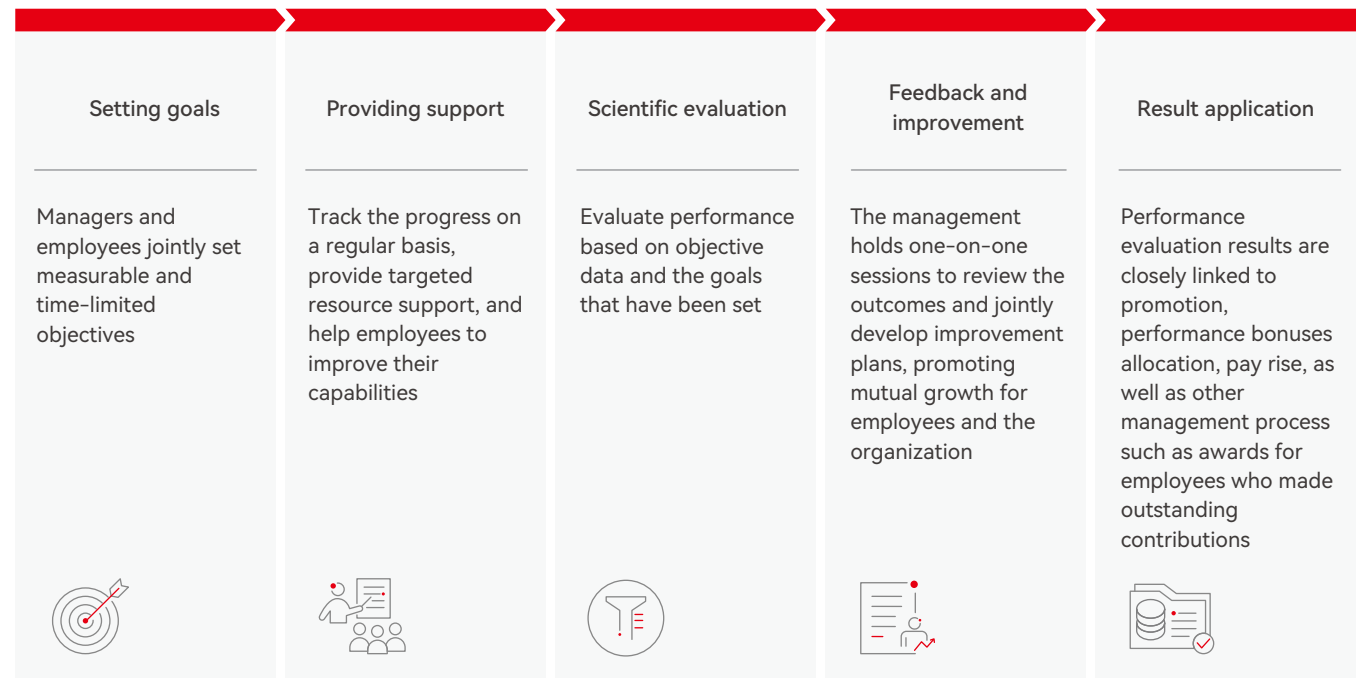
LONGi has established a human capital management mechanism encompassing four dimensions: remuneration management, talent development, employee care, and democratic communication, systematically building a framework for value creation, performance evaluation, and equitable distribution that covers the entire employee lifecycle. We have formulated a series of policies, including the *Remuneration Management System*, *Plan for Building a Professional Talent Empowerment System*, *Empowerment Management System*, *Regulations on Employee Care Management*, *Regulations on Employee Recreational and Sports Activities Management*, and *Group Labour Union Management System*, to create a fair and transparent remuneration system and diverse, accessible promotion channels. We have also established a standardized employee empowerment mechanism and continuously enhance care initiatives such as health check-ups, psychological assistance, and support for employees in hardship. Through democratic channels like employee representative congress, we effectively safeguard employees' rights to know, participate, and supervise, promoting transparency in compensation and benefits and ensuring comprehensive employee care. This comprehensive system, scientific evaluation, and diversified incentive framework achieve a deep integration of individual growth and corporate strategy, fostering a value-circulating ecosystem of mutual achievement and symbiotic growth between the Company and its talent.

Actions and Practices

Remuneration Assessment

LONGi consistently upholds the remuneration management principles of “fairness, competitiveness, and sustainability”. To strengthen external competitiveness and ensure internal equity, the Company has built a multi-dimensional compensation and incentive framework comprising fixed salaries, allowances, incentive bonuses, group profit sharing, and long-term incentives. Additionally, we enforce the principle of equal pay for equal work regardless of gender. This is strongly supported by comprehensive policies such as standard salary progression plans, special awards for key projects, and performance-based recognition programs.

The Company implements a scientific and dynamic performance evaluation process, covering five key stages: goal setting, ongoing coaching, scientific assessment, feedback and improvement, and application of results. Comprehensive performance evaluations are conducted based on objective data and preset standards, followed by one-on-one feedback sessions to collaboratively develop improvement plans, driving both employee growth and organizational effectiveness. The results of performance appraisals are applied to management activities such as promotions, incentive bonus distribution, salary increases, and awards, creating a mechanism that aligns value creation with value-based rewards. In 2025, the Company implemented an employee stock ownership plan for 774 key management personnel and core technical staff.

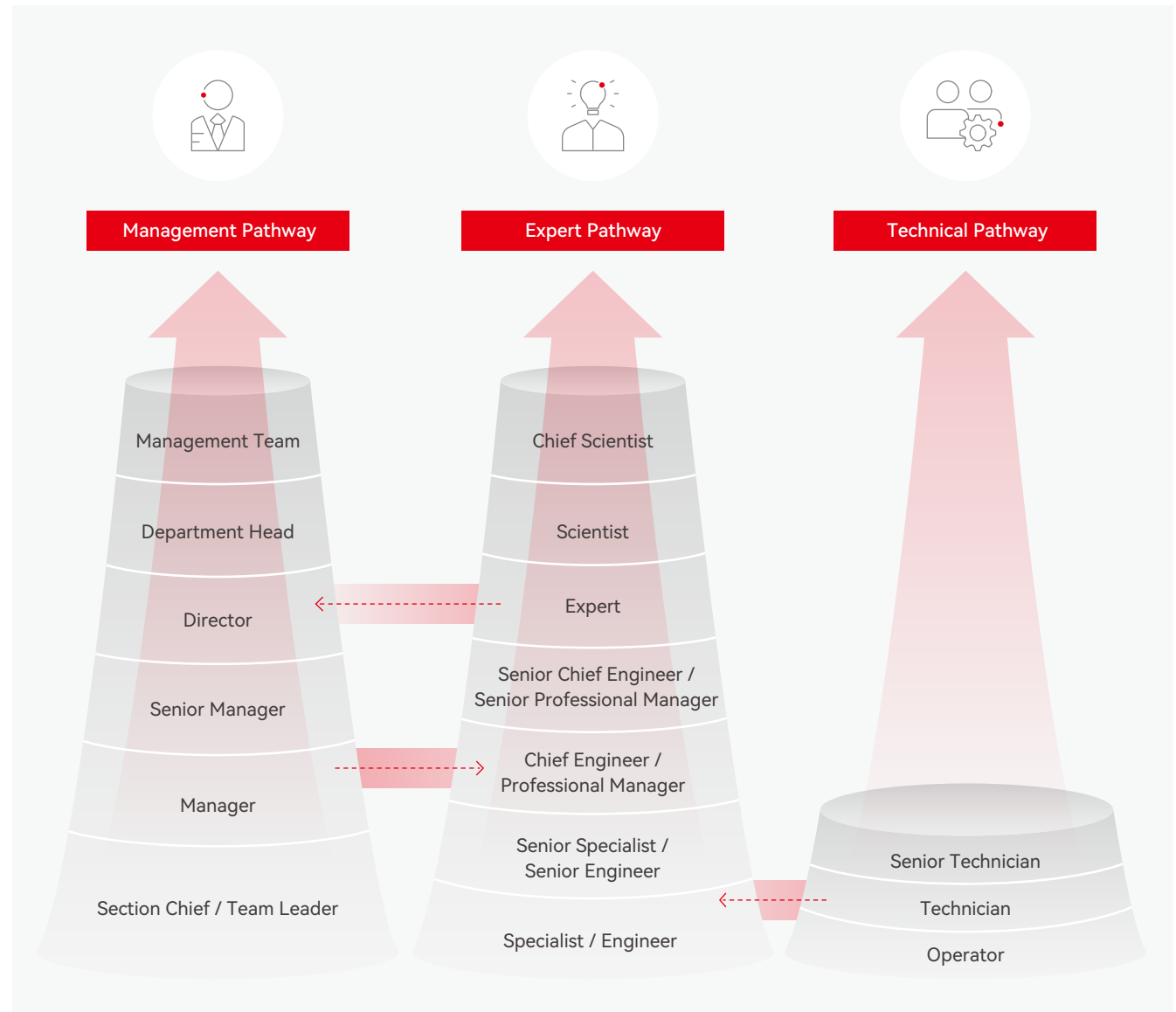


Employee Performance Evaluation Process

Promotion and Development

The Company adheres to three core promotion principles: the “principle of aligning promotions with business development”, the “principle of fairness and justice”, and the “principle of respecting natural progression and orderly growth”. It has constructed a scientific, systematic, and standardized talent development system and a comprehensive career development framework to provide all employees with equal opportunities for career advancement and promotion. The Company has established three career development paths—management, professional, and technical—and has developed standards for management positions, professional role qualifications, and operational skill certifications. It offers diversified empowerment programs for senior, middle, and junior-level staff, as well as skilled workers, and has established a comprehensive set of qualification standards covering all levels from senior management to the frontline. This effectively supports every employee in becoming a versatile, composite talent with comprehensive practical experience in multiple fields through lateral rotations or vertical promotion paths, enabling both horizontal expansion and upward mobility.

The employee promotion mechanism is strictly based on performance contributions and value creation, using multi-dimensional assessment methods to effectively eliminate any form of bias. We conduct regular promotion nominations and reviews for employees both domestically and internationally each year. We ensure that any employee meeting our core value, performance, and tenure requirements receives equal and balanced development opportunities, complemented by customized career support for individuals from diverse backgrounds. The Company also provides structured performance feedback to employees regularly. Clearly communicating job expectations and promotion pathways empowers each employee to define their development goals, ultimately achieving a mutual enhancement of personal achievement and organizational success.



Employee Promotion Channels

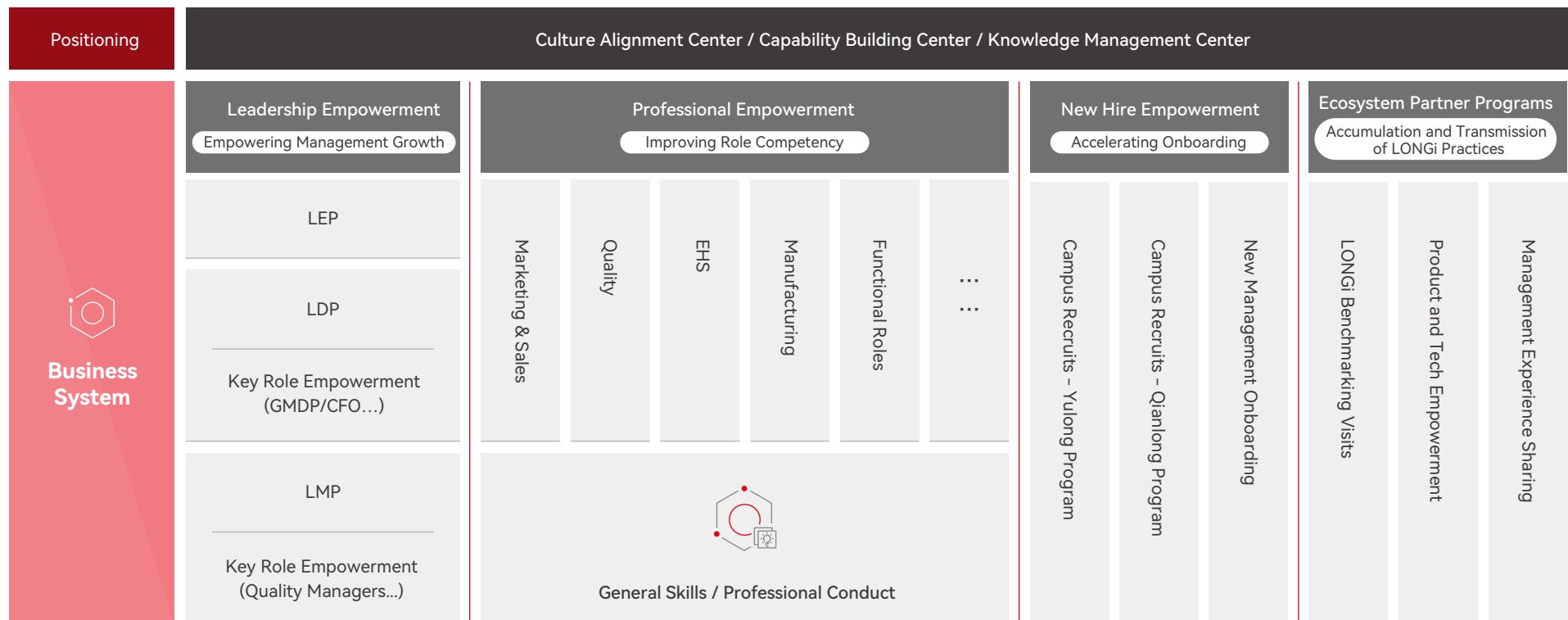
Talent Development

LONGi has built a comprehensive, multi-level development system and created a professional talent empowerment framework for individuals at different levels and in various job categories. Each year, the Company regularly conducts business needs surveys and training budget planning to construct a systematic talent development system covering leadership, professional skill enhancement, and new employee onboarding. This system empowers employee growth through diverse training, aligning career aspirations with corporate development.

The Company has created a diverse learning matrix for employees at different levels, including leadership empowerment programs, professional capability empowerment programs, and campus recruitment training plans. This matrix integrates composite development models such as classroom training, on-the-job practice, mentorship, and job rotation. LONGi is committed to ensuring that every employee experiences tangible growth, predictable advancement, and transferable skills, enabling them to achieve their career goals while advancing the global green energy cause alongside the Company.

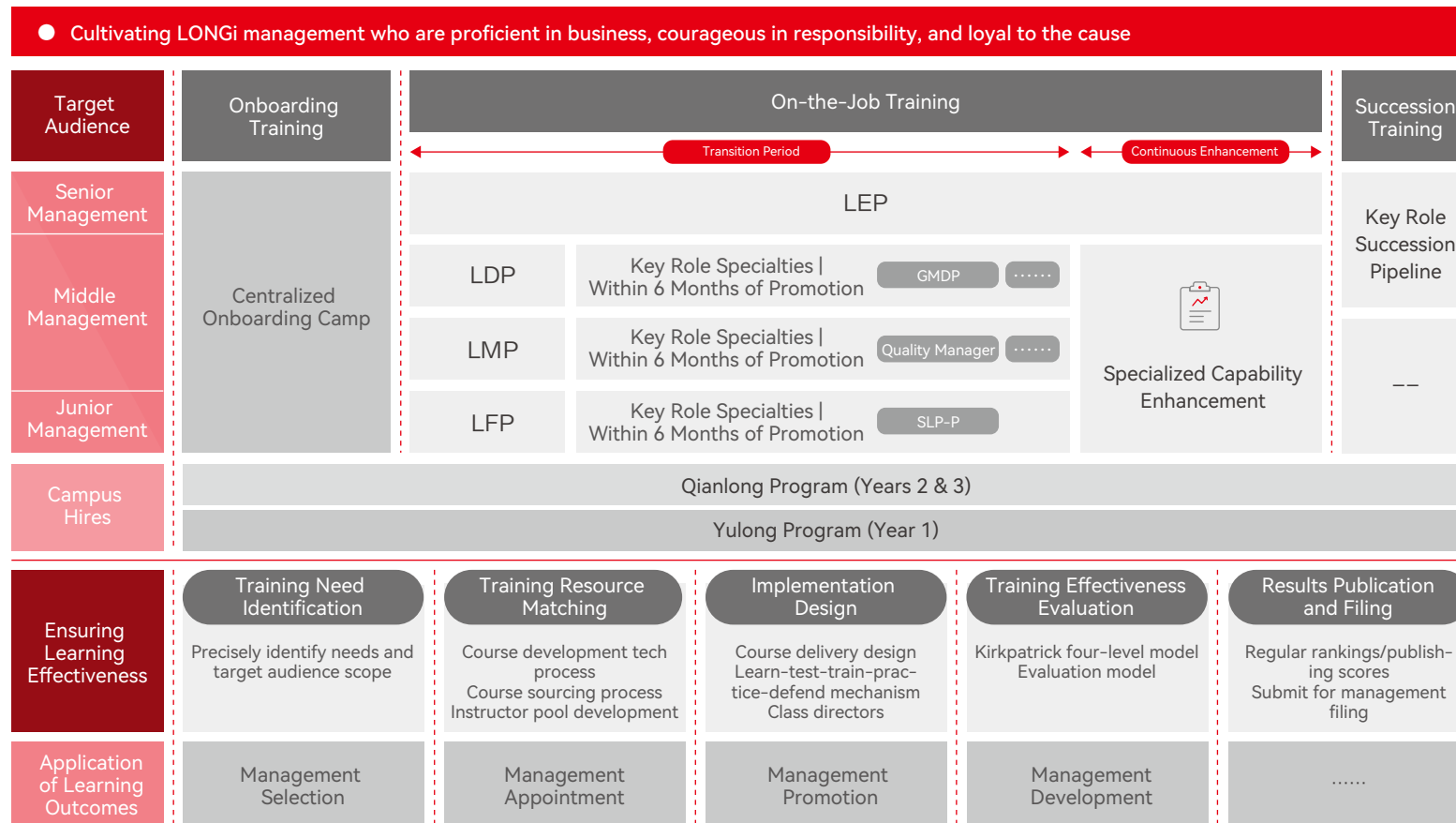


Vision: To become the platform for inheriting LONGi's value culture and the cradle for nurturing top-tier talent and leaders.



The Company tailors personalized training programs for managers at various levels. For manager-level personnel, it offers executive seminars, as well as programs to enhance the competencies of general managers and regional heads in marketing areas, and manufacturing base general managers. These initiatives strengthen employees' regional market insight and resource integration capabilities, improve the Company's efficiency in exploring new markets, and better ensure the effective achievement of business objectives. For front-line managers, the Company continuously cultivates qualified front-line management talent through specialized empowerment programs tailored to different business units, thereby enhancing the Company's teamwork capabilities.

In 2025, the Company issued the *Administrative Measures for Leadership Empowerment and Development*, which clarifies LONGi's orientation, principles, and standardized implementation processes for leadership empowerment, ensuring consistency in core aspects such as development concepts, standards, pathways, and outcomes for employees in management roles. The implementation of leadership empowerment is also regularly assessed. To ensure that the foundational talent in the management echelon possesses a solid theoretical and practical management foundation, the Company designs and develops empowerment courses and programs on general qualities, basic management skills, and management tools suitable for junior managers, achieving a 100% completion rate for its training targets.



Training program	Training Content	Highlights
 Professional Capability Empowerment	- Provides professional training for employees in specific positions to enhance their professional skills and knowledge, improve the Company's overall production quality and efficiency, and build a reserve of high-quality talent for long-term development. - Organizes a product solutions course development project to enhance the professional product knowledge of marketing employees, facilitating rapid alignment between customer needs and product solutions, thereby increasing order conversion rates and customer satisfaction. - Integrates professional talent empowerment into the job qualification evaluation system and incorporated requirements from relevant management systems (such as quality, environmental safety, and occupational health) to systematically build a professional talent empowerment management framework, ensuring that empowerment and development are interconnected.	- In 2025, the Company released the <i>Administrative Measures for Professional Curriculum System Construction</i> to optimize the steps for curriculum system development. It also launched 11 sub-category curriculum systems covering quality, business, finance, and power facilities technology, adding 801 new professional courses to the library. - To address the challenges of global climate change and promote gender equality, LONGi has actively supported employee participation in three training programs since 2023: the UN Climate Ambition Accelerator, the Target Gender Equality Accelerator, and the SDG Ambition Accelerator. The Company encourages employees to apply for relevant certifications to enhance their ESG knowledge and professional capabilities. To date, a total of 12 people have participated.
 General Vocational Skills Empowerment	LONGi has established an internal curriculum library that provides the entire group with empowerment resources, including internally developed and externally sourced general courses. The current general courses cover capabilities such as effective communication, structured expression, habit formation, professional conduct, problem-solving, AI applications, and project management, supporting continuous on-the-job improvement for employees.	LONGi has established a standardized, full-cycle management mechanism for international talent, identifying and developing international personnel across four major categories: management, functional, marketing, and technical. It provides cross-border assignment empowerment programs and guidance manuals. In 2025, the training covered regions including Asia-Pacific, the Middle East and Africa, the Americas, and Europe, benefiting employees in 10 countries and regions, including the United States, Malaysia, and Indonesia.
 New Employee Training	- Provides campus recruits with training camps, business training, on-the-job practice, and one-on-one mentoring to enhance professional skills and facilitate rapid adaptation to the company environment. This builds a stable and high-quality talent pipeline to support sustainable business growth. - Formulates a general growth path and a three-year development framework for campus recruits, which is divided into the Yulong Program (a one-year foundational training program) and the Qianlong Program (a two-year accelerated development program for high-potential previous campus recruits). These programs offer targeted, phased development plans including corporate value shaping, training empowerment, on-the-job practice, business coaching, growth exposure, and development assessments. Combined with a mentorship system and a defense mechanism, these programs ensure the orderly implementation of training and development. - Offers the "Spotlight" new employee onboarding training for experienced hires, providing courses on cultural integration and role transition.	In 2025, for campus recruits in the Yulong stage, the Company completed the delivery of onboarding training camps and general skills training plans and courses. For campus recruits in the Qianlong stage, it completed the delivery of online general skills courses.

Training program	Training Content	Highlights
 Overseas Talent Empowerment	Organizes training programs for overseas personnel and international development programs for expatriates. It also conducts training on national cultures, business etiquette, and entry-exit security management to ensure the achievement of business goals for rapid overseas production, support the swift advancement of overseas business, and enhance the Company's competitiveness in the global market.	In 2025, the Company continued to strengthen overseas compliance training for international talent, including expatriates and local overseas employees. It organized projects such as overseas anti-corruption training and empowerment on cross-border travel compliance and operational management mechanisms to support compliant overseas business operations. It also promoted cultural integration projects by providing pre-departure training for expatriates heading to multiple countries to help them better integrate into local cultures. Additionally, English language training was provided to support their career development and international growth.
 External Training Partnerships	- Provides management courses from institutions like Dedao and Hundun for management positions, offering learning and growth opportunities for managers and promoting a comprehensive improvement in corporate management effectiveness. - Offers external training plans for professional-track positions, such as collaborating with institutions like HREC to enhance the professional capabilities of HR personnel and improve the efficiency of recruitment, training, and performance management. - Introduces online course content from platforms like Hundun and Xuanxing for key professional-track positions, with a focus on enhancing employees' professional skills to meet job requirements.	In 2025, LONGi collaborated with institutions such as Huaying, Huawei, QuanU, and McKinsey to complete strategy and leadership empowerment for middle and senior managers. For key professional-track positions, it introduced online course content from platforms like Hundun and Xuanxing to focus on enhancing employees' professional skills to meet job requirements.
 Academic Advancement	LONGi provides all employees with broad opportunities for growth, encouraging them to enhance their understanding and knowledge of theory and technology by pursuing higher academic qualifications. For key functional roles such as finance, procurement, and investment, the Company systematically conducts professional certification training, covering courses for Chartered Accountant (CA/ACCA), Certified Public Accountant (CPA), accounting practices, and Grade 1 Constructor, comprehensively strengthening employees' professional capabilities and industry competitiveness. To broaden employees' macro perspectives and deepen their professional expertise, the Company also introduces high-level educational resources to empower core talent.	In 2025, the Company established a special cooperation channel with the Xi'an Jiaotong University MBA Center, providing targeted application strategies and professional direction guidance for employees interested in further education to help them plan their career advancement paths. LONGi employees applying for the 2026 program who pass the preliminary interview will receive advanced study counseling, free exam preparation courses, and a special summer training session. Those who successfully pass the national unified examination and re-examination and are admitted will receive corresponding scholarships based on the total number of admitted employees from the Company. During the Reporting Period, LONGi collaborated with over 10 vocational skills training schools to conduct local training in vocational skills certification and safety management for employees in operational roles. A total of RMB 424,000 in subsidies for vocational skills and qualification examination certificates and RMB 37,300 in continuing education subsidies were distributed, demonstrating tangible support for employee growth.

Employee Care

LONGi adheres to a people-oriented approach, respecting regional differences and integrating local site conditions, traditional cultures, and employee preferences to build a multi-dimensional employee care system that covers all staff. This system includes welfare security, health management, career development, and daily life care. In addition to statutory benefits such as the five social insurances and one housing fund and legal holidays, the Company provides inclusive benefits like employee dormitories, work meals, transportation subsidies, prenatal check-up leave, nursing leave, maternity leave, and family visit leave. It also implements flexible office arrangements and diverse leave options, operates a global EAP psychological hotline, provides annual physical examinations and supplementary commercial insurance, offers special assistance to employees and their families facing difficulties, and has innovatively introduced an internal consultant or retirement policy. Through such thoughtful mechanism design, the Company enhances the sense of belonging and well-being among all employees.

Category	Benefit Program	Details
 Basic Benefits	Company Benefits	In addition to statutory national benefits such as the five social insurances and one housing fund and legal holidays, the Company provides full-time employees with dormitories, work meals, transportation subsidies/shuttle buses, benefits for working in different locations (allowances, subsidies, family visits), team-building activity funds, and fitness facilities.
 Flexible Work Arrangements	Flexible Work	Provides flexible work arrangements for some employees, such as flexible start and end times, remote work, and part-time options, to enhance employee satisfaction and well-being and to help balance work and personal life.
 Leave Arrangements	Diverse Leave Options	The Company establishes a legal, compliant, flexible, and diverse leave system. In addition to statutory annual leave, sick leave, marriage leave, bereavement leave, and paternity leave, there are also parenting leaves such as prenatal check-up leave, nursing leave, and maternity leave. Additional benefit leave options include escort-for-marriage leave, leave for visiting family in different locations, compensatory leave, and flexible benefit point leave/company-rewarded leave.
 Care Programs	EAP Psychological Services	Global mental health counseling hotline, group health coaching, mental health carnivals/workshops, etc.
	Health Management	Annual wellness check-ups for employees in non-hazardous positions (including report interpretation and chronic disease prevention awareness).
	Hardship Assistance	In 2025, financial assistance was provided to 62 employees experiencing hardship due to hospitalization, major illness, or accidents involving themselves, their spouses, or immediate family members.
	Group Insurance Purchasing	Utilizing a model that combines critical illness insurance with inclusive insurance and pairs fixed-benefit with reimbursement-based plans, we offer all employees the benefit of supplemental commercial group insurance.

Category	Benefit Program	Details
 Support for Female Employees	Maternity Support	Establishes rest rooms for pregnant employees and nursing rooms (lactation rooms) in campuses with 100 or more female employees. Provides support for women through prenatal check-up leave, breastfeeding leave, and maternity leave. Constructed 3 new nursing rooms in 2025. In 2025, 2 nursing rooms received provincial-level model site certification, and 1 nursing room received municipal-level model site certification.
 Employee Clubs	Recreational and Sports Clubs	There are a total of 163 active clubs, including emerging ones such as the "Six Sigma" club. A total of 22 units have established employee activity centers to enrich the after-hours cultural lives of our employees. In 2025, the Company organized 712 recreational and sports activities, with a cumulative employee participation of over 140,000. To enhance employee qualities and strengthen education and training, the Company held a total of 114 offline reading and sharing sessions in 2025, covering 3,585 employee participants. The Company also held 19 online reading and sharing sessions with 7,492 online employee participants, and was awarded the title of "Convenient Reading Station by the All-China Federation of Trade Unions".
	Internal Retirement/Consultant Policy	For eligible employees, we offer policies for transitioning to an internal consultant or retirement role, with continued payment of five social insurances and one housing fund, allowing them to enjoy internal consultant/internal retirement benefits.
 Transition Policies		

Employee Participation

Employee Communication

LONGi strictly abides by the *Trade Union Law of the People's Republic of China* and has formulated and implemented the *Group Trade Union Management System*, lawfully establishing and improving the trade union organization and the employee representative congress system. The Company operates a two-tier employee representative congress structure, holding a Group-level meeting in the first half of the year and a company-level meeting in the second. This clarifies the working mechanism where the trade union takes the lead and departments cooperate, using the employee representative congress and open factory affairs as core platforms to build a coordinated leadership body. This effectively protects employees' rights to know, participate, and supervise, and promotes their deep involvement in the enterprise's democratic decision-making and supervision.

The Company fully respects employees' rights to freedom of association and collective bargaining, and explicitly guarantees their right to join a trade union voluntarily. It has established diverse communication channels, including the Chairman of the Board's mailbox, employee forums, trade union reception days, and dormitory visits, to ensure employee concerns are promptly addressed and resolved. The Company, in collaboration with the trade union, has established a Labour Dispute Mediation Committee composed of the trade union chairman, employee representatives, and legal and human resources representatives. This committee adheres to the principle of lawful negotiation, carries out labour dispute mediation, and facilitates mutually agreed-upon resolutions to effectively protect the legitimate rights and interests of employees.

Additionally, the Company has established accessible channels for employee grievances. If employees have objections regarding matters such as their probation period, performance appraisals, termination procedures, issues encountered at work, or unfair treatment, they can submit an anonymous grievance through the platform. The matter is then handled through a pre-defined procedure, escalating from the indirect supervisor to the human resources department and, if necessary, to a dedicated investigation team. For suspected violations, employees can also communicate and file grievances directly via email, telephone, or the Chairman of the Board's mailbox, ensuring that their concerns are heard, the process is fair, and their legitimate rights and interests are effectively protected.



Communication and Grievance Channels

- Compliance inquiry email: compliance@LONGi.com
- Reporting and complaint email: audit@LONGi.com
- Reporting and complaint hotline: +86 29 84193391, +86 18089282003
- Communication and suggestion email: chairman@LONGi.com (Chairman of the Board's Mailbox)

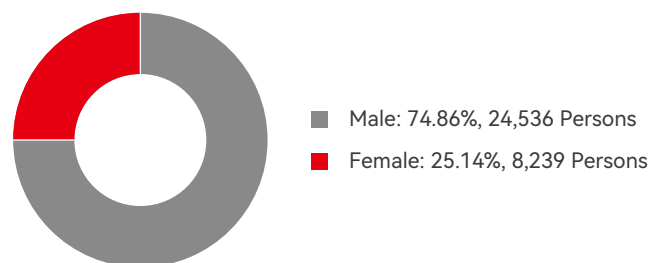
Employee Satisfaction

LONGi has always regarded employee vitality as the core driver of healthy organizational development. The Company conducts regular organizational climate surveys each year to gain timely insights into the state of team management and accurately understand employee needs. In 2025, we systematically assessed employee satisfaction across four key dimensions of employee well-being: job satisfaction, happiness, perceived stress, and sense of purpose, achieving a final score of 92.18 with a 50% employee participation rate. This survey provides solid data and a basis for action, helping us identify areas for management improvement and develop more targeted strategies to enhance the employee experience.

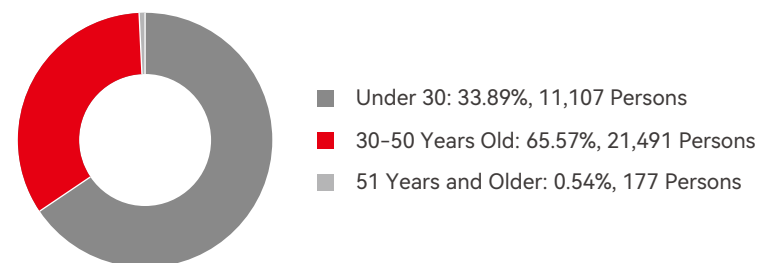
Targets and Performance

Employee Composition Performance

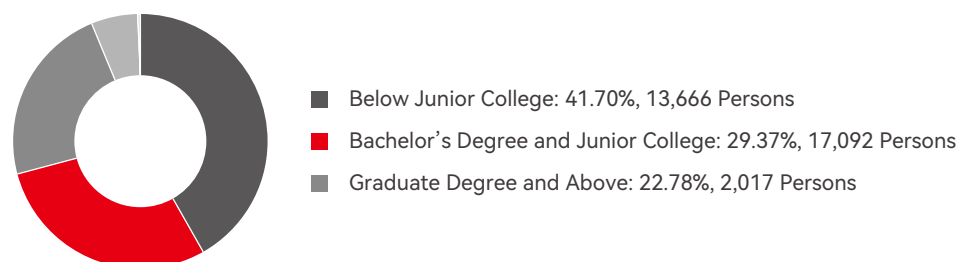
Employees by Gender



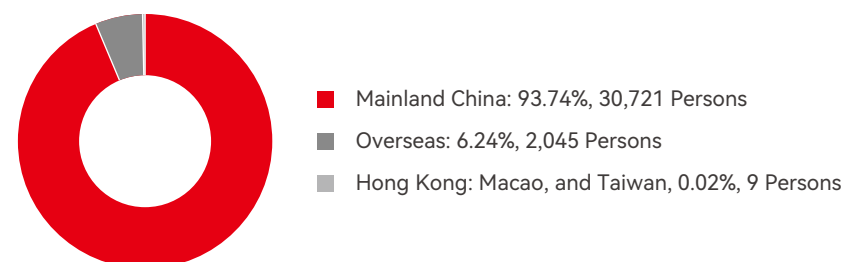
Employees by Age



Employees by Education



Employees by Region



Employee Training Performance

Key Performance: By 2025, LONGi

▼ Compensation and Performance

Coverage of regular
employee performance
evaluations

100%

Male-to-female
employee salary ratio

116%



▼ Employee Care

Social insurance coverage

100%



▼ Communication and Satisfaction

Employee
satisfaction score

92.18

Employee
participation rate

50%

Collective agreement
signing rate

100%



▼ Talent Development

The Company's investment
in employee training

RMB **15.89** Million

Per capita training
investment

RMB **484.79**

Total training hours

803,252.32 Hours

Average training
duration per employee

24.50 Hours

By gender:

Average training hours
for male employees

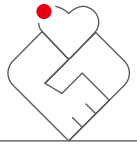
25.24 Hours

Average training hours
for female employees

22.33 Hours



Social Contribution



LONGi has always integrated social responsibility into its development strategy, translating its commitment to energy equity into concrete actions by continuously expanding energy accessibility in vulnerable regions worldwide. The Company transforms its innovations in green technology into a lasting driving force for serving society, contributing LONGi's strength to building an inclusive and sustainable future.

Strategy and Approach

LONGi firmly supports and practices the *United Nations Guiding Principles for Business and Human Rights*, the ten principles of the *UN Global Compact*, and the *United Nations Declaration on the Rights of Indigenous Peoples*, and explicitly requires staunch support and protection for the fundamental human rights and freedoms of local community residents in its *Code of Business Conduct*. The Company actively promotes localized employment, prioritizes local sourcing, and deeply integrates into the fabric of community development. This commitment includes genuinely supporting the livelihood improvements of local residents (especially specific groups such as children, people with disabilities, local residents, and minorities), respecting and embracing cultural diversity, and helping local communities share in the fruits of development amidst economic prosperity, social progress, and cultural heritage.

The Company strictly adheres to relevant laws and policies in China and other operating locations. Referencing the *OECD Guidelines for Multinational Enterprises on Responsible Business Conduct*, the ISO 26000 Guidance on Social Responsibility, and the management framework requirements of the Solar Stewardship Initiative (SSI), the Company has formulated the *LONGi Community Relations Management Measures*. This embeds community impact management throughout the entire process of project construction and operation and stipulates that all related activities must comply with these measures, ensuring that community relations governance is well-founded and effectively implemented. The Company extends its community responsibility management to its supply chain, explicitly requiring suppliers in the *Supplier CSR Code of Conduct* to actively build responsible community relationships, invest and operate sustainably, and promote local high-quality development through initiatives with cultural and social value.

With the vision of "Affordable for All", LONGi focuses on key areas such as climate action, social welfare, community development, and rural revitalization. With green technological innovation as our core driver, we are committed to promoting global energy equity and a just transition. By leveraging green technology, the Company injects strong momentum into sustainable community development. We aim to ensure our sustainable practices reach a broader population and support more regions worldwide.



Actions and Practices

Just Transition

In the current era of intertwined geopolitical turmoil and climate crisis, corporate social responsibility is shifting from simple charitable donations to a deep integration of core capabilities with societal needs. Since 2024, through its partnership with the UN Refugee Agency (UNHCR), LONGi has pioneered a path for Chinese enterprises to deepen their engagement in global issues. By combining its expertise in photovoltaic technology with financial support, LONGi focuses on core areas like climate action, energy equity, and green transformation. The deployment of solar facilities reduces the environmental footprint of relief operations, provides stable and reliable clean energy for forcibly displaced individuals and their host communities, and promotes local climate change adaptation through specific projects, achieving synergistic value in ecological restoration and livelihood improvement. Concurrently, in environmentally fragile regions such as Pakistan, Cameroon, and Brazil, LONGi has developed comprehensive solutions that integrate energy security, economic efficiency, community empowerment, and climate action.

Aid and support strengthen the foundation for global emergency response

Amid soaring global humanitarian needs and severe funding shortages, LONGi, as a key supporter of the UNHCR's emergency response mechanism, provides continuous financial aid to deeply collaborate with the agency in strengthening its response to overlapping crises of climate disasters and conflict. This mechanism ensures that relief efforts are swiftly launched within 72 hours of an emergency declaration. LONGi's support has significantly bolstered the UNHCR's large-scale emergency response actions in multiple countries across Asia and Africa, providing transportation, emergency shelter materials, and core relief items to nearly 415,000 displaced persons. In South Sudan, it provided life-saving assistance to 150,000 flood-affected individuals, including emergency shelter, cash assistance, water resource management support, and levee repairs. Furthermore, in places like Myanmar, Mozambique, and the Democratic Republic of the Congo, LONGi's support has also markedly enhanced the UNHCR's capacity to address the dual crises of climate and conflict, effectively safeguarding the lives and safety of the most vulnerable populations.



UNHCR emergency response relief shelter in Mozambique

Clean energy safeguards a bright future for refugees

A stable and continuous power supply is the lifeline of modern hospitals. As part of a joint initiative to enhance energy resilience and healthcare service capacity, the UNHCR partnered with LONGi to implement solar retrofitting projects for three major hospitals in Pakistan: Bolan Medical Complex in Quetta, Lady Reading Hospital in Peshawar, and Khyber Teaching Hospital. With a total installed capacity of over 1.47 MW and an integrated battery energy storage system, the project provides sustainable and uninterrupted power to critical medical infrastructure serving both host communities and refugees. This solar system accurately powers all loads, from basic lighting and ventilation to complex diagnostic instruments and life-support equipment, ensuring that medical services continue without interruption even during widespread grid outages. The system is also equipped with a 537 kWh battery energy storage system that guarantees at least two hours of continuous operation during peak critical load periods, significantly enhancing the hospitals' emergency response capabilities. This means that even in the most severe power outages, hospitals can continue to save lives without delay.



LONGi brings clean and renewable energy to refugees and host communities in Pakistan

Clean energy strengthens humanitarian supply chains

LONGi and the UNHCR are collaborating to embed photovoltaic technology into the global humanitarian relief network. At the humanitarian emergency warehouse in Douala, Cameroon, LONGi designed and installed an 18 kWp photovoltaic system with 46 kWh of energy storage, generating 24,122 kWh of electricity annually and fully meeting the daily power needs of the 4,000-square-meter warehouse. The project can handle approximately four grid outages per month, reduces carbon dioxide emissions by 20.12 tons per year, and significantly enhances the capacity for emergency material dispatch to eight countries, including Chad, the Central African Republic, and Nigeria, ensuring that life-saving supplies reach host communities affected by conflict, displacement, and climate disasters in a timely manner.

“

“Pre-positioning relief items in Douala allows us to respond quickly to emergencies throughout the region. We can dispatch enough supplies to support 100,000 people within 72 hours. Having a reliable source of energy means we can store, prepare, and move life-saving aid faster, more securely, and more sustainably.”

— Adamou Banna, Associate Supply Officer, UNHCR Office in Douala



LONGi installs PV and energy storage equipment for the humanitarian emergency warehouse in Douala, Cameroon

Green energy empowers the transformation of vulnerable communities in Brazil

During the 30th UN Climate Change Conference, LONGi, in partnership with the UNHCR, officially launched the “Green Energy to Empower Vulnerable Communities in Brazil” project. This initiative applies high-efficiency BC photovoltaic technology to refugee and indigenous communities in Brazil’s environmentally fragile areas. In this collaboration, LONGi will donate high-efficiency BC solar equipment to schools, health posts, and community centers in the states of Pará and Roraima, Brazil, bringing stable and reliable clean energy to over 887,000 refugees and 12,000 forcibly displaced indigenous people. Through photovoltaic skills training and sustainable livelihood programs, LONGi will enhance the self-development capabilities of vulnerable groups, transitioning clean energy from a “resource input” to “shared value creation”.



LONGi’s 2025 Brazil green energy initiative

Leveraging its high-efficiency BC technology, LONGi has extended the benefits of clean energy from refugee hospitals in Pakistan and humanitarian emergency storage centers in Cameroon to indigenous communities in Brazil. Concurrently, LONGi continues to support the emergency response mechanism of the UN Refugee Agency (UNHCR), providing life-saving assistance and basic support to millions in places such as Afghanistan, South Sudan, Myanmar, and Mozambique. LONGi has demonstrated through practical action that clean energy is not only a climate solution but also a humanitarian one. By continuously expanding energy accessibility and emergency response capabilities in resource-constrained regions worldwide, LONGi is fulfilling its commitment to energy equity, ensuring the benefits of green development reach every corner and contributing its strength to building an inclusive and sustainable energy future.

Social Welfare

The Company leverages its own resources and platforms, focusing on educational support, talent cultivation, teacher empowerment, and social well-being. Through diverse methods such as educational donations, university-enterprise collaboration, targeted assistance, and emergency rescue training, we actively connects corporate development with social progress. With educational empowerment, public welfare, and life protection as its guiding principles, the Company demonstrates its mission and responsibility as a conscientious enterprise through tangible actions.

CASE STUDY

LONGi conducts emergency rescue training to jointly build a line of defense for life and health

LONGi has partnered with the Shaanxi Bo'ai Red Cross Emergency Rescue Service Center to jointly launch the "Red Cross · Rescue is Here" first aid empowerment program. This project aims to enhance the social influence of Red Cross emergency rescue training, further improving the level of emergency rescue knowledge and skills among various social groups, so that everyone can become a guardian of life in critical moments.

With philanthropic support from the China Red Cross Foundation - LONGi 1% Fund, the Shaanxi Bo'ai Red Cross Emergency Rescue Service Center organized professional instructors to conduct emergency rescue popularization activities in communities, schools, and other venues, effectively enhancing public awareness and response capabilities for emergency rescue. The project adopted a combined approach of "theoretical explanation + practical drills + scenario-based teaching", carefully explaining the operational procedures and precautions for cardiopulmonary resuscitation (CPR) to ensure that every participant could genuinely master the key points of first aid.

The project reached over 14,000 participants, of whom 13,228 successfully passed the assessment and obtained a nationally recognized first aid certificate. The successful implementation of this series of projects has not only significantly improved the emergency rescue skills of various groups and addressed shortcomings in grassroots emergency capabilities, but has also fostered a positive atmosphere of "learning, mastering, and daring to perform first aid", contributing LONGi's strength to building a more resilient and better society.



LONGi partners with the Shaanxi Bo'ai Red Cross Emergency Rescue Service Center to conduct emergency rescue training

Community Development

Using clean energy as a bridge, LONGi transforms its technological advantages into a force for good that empowers remote communities and improves livelihoods. The Company continuously converts the outcomes of green development into tangible value that benefits communities, allowing the welfare of green development to transcend geographical boundaries and reach more people.

CASE STUDY

LONGi empowers a South African farm with BC modules, driving community development and poverty alleviation with clean energy

In Plooyburg, Northern Cape, South Africa, agriculture is the foundation of the local community's livelihood and the primary source of employment and income for many families. However, the sector has long been plagued by an unstable power grid, rising electricity prices, and frequent load shedding, leading to intermittent irrigation systems and making farm operations extremely difficult. Using its high-efficiency BC modules as the core, LONGi customized two photovoltaic pump systems for Idstone Farm. The irrigation pump station features 780 modules, while the river water transfer system is equipped with 1,380 modules. Together, they provide end-to-end clean power coverage from water intake to farmland irrigation. This solution has completely freed the farm from its dependence on unstable electricity. It allows agricultural production to bypass the dual constraints of weather events and grid fluctuations, permanently injecting stable and reliable green power into local agriculture.

LONGi not only provided the farm with an energy solution but also activated the community's intrinsic development momentum with clean energy, creating economic, social, and environmental value. Over the project's entire lifecycle, it is projected to save the farm over 25 million South African Rand in energy costs annually. The system will generate approximately 2.3 GWh of green electricity per year, equivalent to reducing carbon emissions by 2,200 tons annually. The irrigation system is now free from the worries of fluctuating energy prices and load shedding, leading to a significant increase in irrigation reliability and a notable boost in agricultural productivity. By leveraging its technological strengths, LONGi has turned clean energy into a 'green engine' for remote communities to escape energy poverty and stimulate endogenous development.

“

"This solar installation is not just an energy upgrade, but a step towards a more sustainable and independent agricultural future. We now have reliable and cost-effective power, which allows us to focus on what we do best—growing food and supporting our community."

— Rosco Laurens, Idstone

Key Performance: In 2025, LONGi

Charitable donations
amounting to

RMB **14.1617** million



Beneficiaries of
charitable donations

75,000



Chapter 5

TRUSTWORTHY LONGi Strengthening Value Chain Resilience

As a responsible leader in the global PV industry, LONGi consistently places trust at the core of its operations. The Company is deeply committed to responsible governance across its value chains, building a foundation of sustainable resilience throughout the entire industry with a solid commitment to robust compliance and a cooperative spirit of mutual success, thereby safeguarding the core interests of all parties and building a bastion of trust for industrial development.



- Sustainable Supply Chain
- Data Security and Privacy Protection
- Customer Relationship Management

+ SDGs addressed in this chapter



Sustainable Supply Chain



Intrinsic Motivation

In the face of multiple challenges including the restructuring of the global geopolitical landscape, escalating climate risks, and intensifying homogeneous competition within the industry, LONGi has elevated its sustainable supply chain to a strategic level, positioning it as a key factor in measuring the Company's comprehensive management capabilities and core competitiveness, and as a core strategic asset supporting its transformation into an integrated energy solutions provider. The fundamental motivation for this strategy stems from the Company's inherent pursuit of high-quality development and excellent governance. LONGi structures its sustainable supply chain development path along two core dimensions: compliance management as the fundamental baseline, comprehensively fortifying the solid foundation for stable supply chain operations and risk prevention and control; and green, low-carbon practices as the core direction, deeply integrated into the entire supply chain management process to create a differentiated competitive advantage and demonstrate corporate responsibility. On this basis, LONGi moves beyond conventional supply chain management, proactively extending its management reach deep into the upstream of the industry through comprehensive, forward-looking planning that spans the entire industrial chain, and driving collaborative upgrades across the entire industry chain by exporting its standard systems and empowering suppliers, thereby breaking traditional management boundaries to build a symbiotic, resilient, and complete sustainable industrial ecosystem and solidify its industry leadership position.



Strategy and Approach

To build a compliant, transparent, resilient, and reliable sustainable supply chain, LONGi has established a three-tier management structure—"Decision-making Level – Leadership Level – Execution Level"—and continuously improves its supplier management system by implementing a full life-cycle management system to systematically advance its sustainable supply chain management work, ensuring the efficient, compliant, and green operation of the supply chain.

Supply Chain Management Structure

LONGi has established a three-tier supplier management structure comprising "Decision-making Level – Leadership Level – Execution Level". Strategy and Sustainability Committee under the Board of Directors is responsible for making strategic decisions, the Group Strategy Management Committee undertakes leadership and supervision responsibilities, and the Supply Chain Management Center is responsible for specific execution work. Various supporting departments work in coordination to jointly promote the efficient implementation of supply chain management.

Decision-making Level | Strategy and Sustainability Committee under the Board of Directors

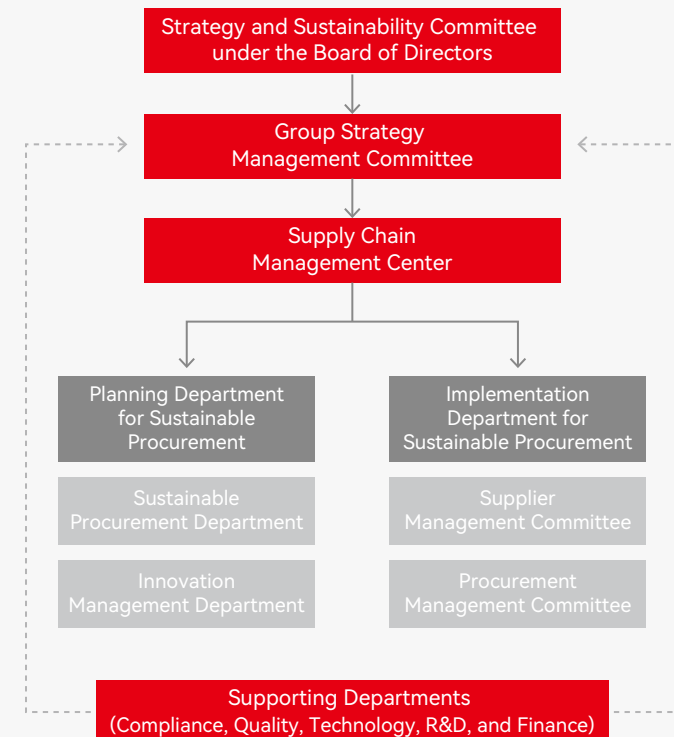
Responsible for setting the overall strategic direction for sustainable procurement, establishing annual management objectives, making decisions on major issues, and ensuring that the procurement strategy is consistent with the Company's ESG strategy.

Leadership Level | Group Strategy Management Committee

Receive work reports from the Supply Chain Management Center, supervise the progress of procurement work, provide professional guidance and suggestions, and reports regularly to the Strategy and Sustainability Committee under the Board of Directors.

Execution Level | Supply Chain Management Center

Divided into a sustainable procurement planning department and a sustainable procurement Implementation department, responsible for daily affairs such as building the supplier management systems, formulating procurement policies and standards, establishing supplier evaluation methods, conducting market research and industry analysis, reviewing supplier qualifications, maintaining supplier relationships, and tracking supplier performance.



Sustainable Procurement Structure

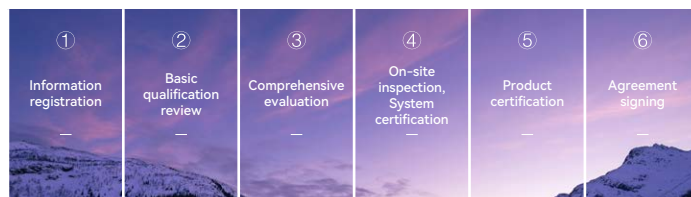
Supply Chain Management Policies

LONGi continuously enhances its supplier management system, establishing a full life-cycle management framework that covers supplier development, cooperation process, and exit. The Company conducts a systematic annual review of the effectiveness and comprehensiveness of its suppliers' Life Cycle Assessment (LCA) management system and related supporting policies, and iterated and upgraded relevant policies in 2025.

By formulating policies related to responsible procurement management, the Company has further solidified the foundation for its entire supply chain management process. These policies include the *Supplier Management Policy*, the *Administrative Measures for Supplier CSR*, the *Supplier Sustainable Procurement Guidelines*, the *LONGi Supplier Code of Conduct*, and the *Administrative Measures for Supplier ESG Risks*. The Company also integrates ESG requirements into its procurement contracts, covering suppliers, contractors, their affiliates, and multi-tier suppliers to comprehensively regulate supplier management. The supplier management system incorporates risk-based, tiered control logic and processes. New supplier admission strictly adheres to the Company's *Management of Supplier Development Document*, creating a closed-loop management cycle of "New Supplier – Qualified Supplier – Exit Management". The Company has also established the *Supplier Sustainable Procurement Policy* and the *Supplier Social Responsibility Operational Guidelines* to guide suppliers in practices related to business ethics, labour and human rights, occupational health and safety, environmental protection, and corporate governance, jointly promoting the sustainable development of the supply chain.

To pragmatically implement the concept of sustainable supply chain management, the Company has established a closed-loop supply chain control mechanism that spans the entire life cycle. Through rigorous due diligence and regular audits, the Company proactively identifies and dynamically manages its supply chain risks. On this basis, it concurrently promotes supplier empowerment training and enhances the stability of cooperation. By employing transparent management and closed-loop improvements throughout the entire chain, the Company continuously builds a compliant, transparent, and resilient sustainable supply chain ecosystem.

Introduction Process of LONGi's Suppliers And Recyclers

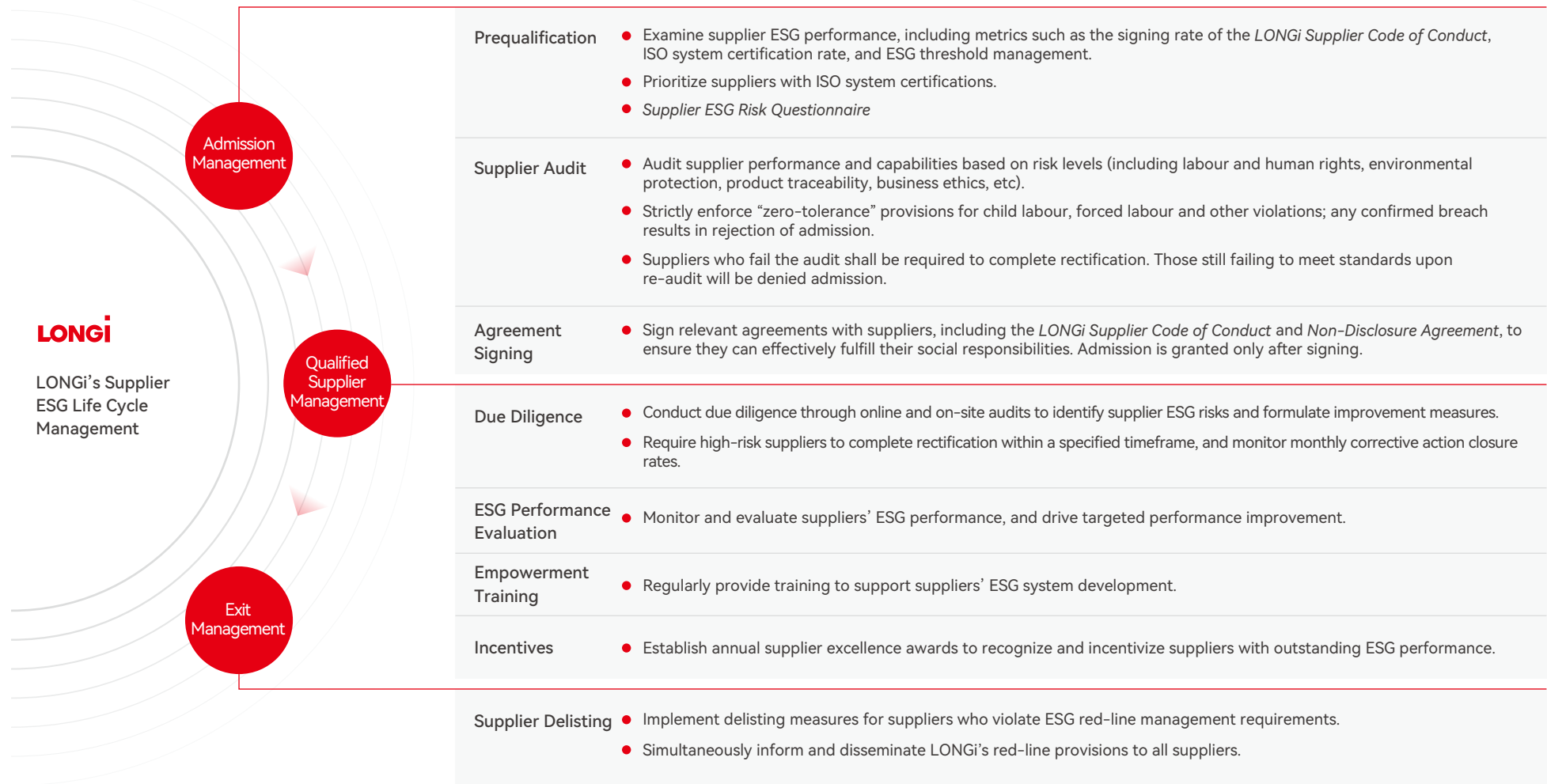


Sustainable Supply Chain	Content of Policy
 Green Procurement	The Company is committed to promoting the green transformation of the industrial chain. In the <i>LONGi Supplier Code of Conduct</i> signed by suppliers, the Company advocates for its industrial chain partners to prioritize environmental protection and requires key suppliers to obtain ISO 14001 Environmental Management System certification. It also promotes the concept of green procurement through the <i>LONGi Sustainable Procurement Management Manual</i> and the <i>LONGi Supplier Sustainable Procurement Guidelines</i>. The Company pledges to minimize the negative impacts of raw material use and actively collaborates with upstream suppliers and other stakeholders to encourage the use of circular, renewable, and third-party verified raw materials. Concurrently, it relies on origin traceability management to avoid sourcing raw materials from areas of significant biodiversity.
 Supplier Human Rights Protection	The Company requires its assembly suppliers (Tier 1), component suppliers (Tier 2), and key raw material suppliers (Tier 3) to comply with the core conventions and fair terms of the International Labour Organization (ILO). It also urges suppliers to create a fair, safe, and healthy working environment for their employees.
 Transparent Procurement	With "fairness and justice" as a core principle of the Company's sustainable procurement policy, LONGi conducts comprehensive assessments based on dimensions such as supplier qualifications, product quality, technical safety, delivery timelines, costs, and sustainable supply capabilities, ensuring the selection process is fair and transparent and selecting the most suitable partners from a global supply chain perspective. It has also established a Supplier Relationship Management (SRM) platform to enable online operation and transparent management of the entire process, from supplier bidding and negotiation to procurement contract signing, fulfillment and delivery, and settlement and payment.
 Responsible Mineral Sourcing	The Company has formulated the <i>Responsible Mineral Procurement Management Policy</i>, committing not to procure or use any minerals that directly or indirectly finance armed groups in conflict-affected and high-risk areas or contribute to conflict and human rights abuses. At the same time, it requires suppliers to implement upstream traceability management to ensure the supply chain does not involve conflict minerals or minerals from high-risk areas.
 Diverse Suppliers	The Company has launched the "Diverse Supplier" initiative to promote workforce diversity within supply chain enterprises and contribute to social equity and inclusion. By configuring features such as rapid registration and star-marking in its supply chain management system, the Company implements specialized management for qualified suppliers with diversity certifications, including minority-owned businesses, women-owned businesses, veteran-owned businesses, and public welfare-related entities, giving them priority in cooperation under equal conditions. During the Reporting Period, the number of self-registered diverse suppliers increased by 256%, and the monetary value of our cooperation with them increased 15-fold.

Actions and Practices

Supply Chain Responsibility Management

To deepen supply chain responsibility management, the Company has established an ESG control system that runs through the entire life cycle, forming a comprehensive management mechanism of “New Supplier Admission Management – Qualified Supplier Management – Exit Management”. Systematic ESG controls and dynamic supervision are implemented at each management stage, while supplier performance evaluation and capacity building are advanced in parallel to achieve closed-loop improvement across the entire chain. Through strict risk prevention and control, rectification constraints, and a red-line delisting mechanism, the Company upholds the baseline of supply chain compliance and continues to build a responsible, resilient, and sustainable supply chain.



The Company embeds supplier ESG risk assessment throughout the entire partnership life cycle, focusing on two key stages: new supplier admission assessment and annual assessment of qualified suppliers. By combining strict screening at the entry stage with continuous monitoring during cooperation, the Company achieves dynamic identification and control of supplier ESG risks, enabling timely discovery of and response to potential risks.

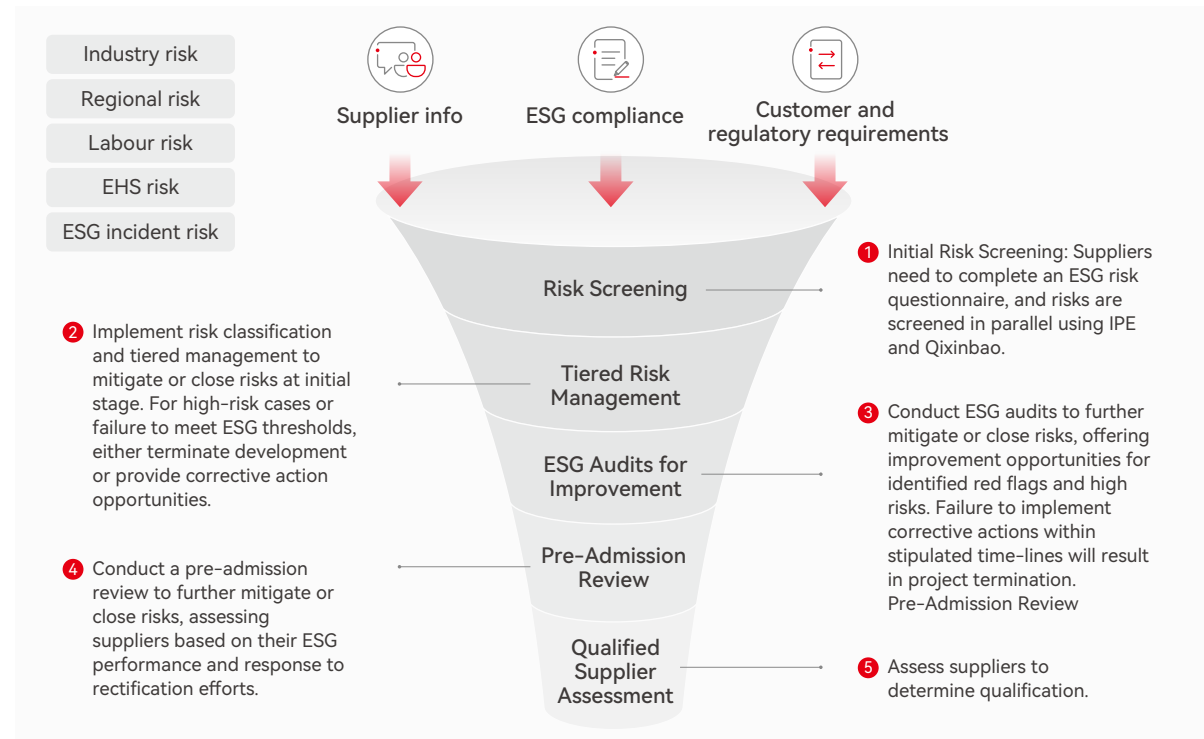
Macroeconomic Factors		
Countries and Regions	Industry	Products
ESG Risk Situation of the Manufacturing Location (e.g., geopolitical conflict risks)	Resource Intensity of the Industry (e.g., labour intensity, energy consumption)	Product Nature (e.g., presence of hazardous substances, plastic products)

Supplier Operational Behavior		
Environment	Society	Corporate Governance
Carbon Emissions, Toxic Emissions, Waste, Water Resources, etc.	Employee Rights Protection, Health and Safety, Conflict Minerals, Labour Disputes, Sustainable Supply Chain, etc.	Management Systems, Compliance, Corrupt Practices, etc.

Supplier ESG Risk Assessment Dimensions (Selected Mission)

Supplier ESG Admission Assessment

At the admission stage, the Company implements an ESG “one-vote veto” system. The Company conducts a comprehensive review of suppliers’ ESG performance through prequalification, focusing on key indicators such as the signing rate of the *LONGi Supplier Code of Conduct*, ISO system certification rate, and CSR threshold management, and prioritizes suppliers that have already obtained ISO system certifications. At the same time, based on a new supplier admission mechanism targeting social risks, the Company conducts systematic social risk scanning during the new supplier registration phase. This is achieved by leveraging third-party databases and international compliance databases on conflict zones and corrupt regions, combined with the supplier’s country and industry characteristics, to proactively identify potential compliance risks such as forced labour and child labour. During the screening process, new suppliers must sign the *Supplier Statement and the LONGi Supplier Code of Conduct*, among other relevant agreements, with 100% compliance, to ensure they can effectively fulfill their ESG responsibilities before being granted access. In 2025, the Company updated the *LONGi Supplier Code of Conduct* to align with the Solar Stewardship Initiative (SSI) ESG standard, supply chain traceability requirements, and the Company’s responsible mineral procurement policy, guiding suppliers to concurrently implement SSI ESG standard requirements. Regarding social risks, this code explicitly prohibits the employment of child labour, the use of forced labour, and employment discrimination, and requires that occupational health and safety is guaranteed. The code also imposes binding constraints on suppliers’ ESG management and their fulfillment of traceability responsibilities. After becoming a potential supplier, the Company’s procurement team will conduct a comprehensive qualification audit based on differentiated threshold standards for different categories.



The Company has introduced third-party due diligence tools, requiring suppliers to complete an ESG risk questionnaire. The questionnaire is tailored based on industry, region, and commodity characteristics, collecting information across multiple dimensions on key issues such as responsible minerals and occupational health and safety. This data is used to create an ESG risk profile for each supplier, and core performance indicators like labour management are integrated into the supplier “scorecard” system. During the admission decision-making process, the Company incorporates ESG performance into its evaluation weighting as a core basis for supplier selection, prioritizing suppliers with better ESG performance and implementing a red-line veto power to identify and control compliance risks from the source. LONGi has established seven ESG red lines and implements a strict one-strike veto mechanism, using standardized processes to reduce human intervention and manage supplier compliance risks from the outset. For issues such as child labour and forced labour, the Company enforces a “zero-tolerance” policy, denying admission to any supplier found in violation. Additionally, certification for environmental management systems and occupational health management systems is a prerequisite for new material suppliers. For suppliers that do not pass the qualification audit, the Company requires them to make improvements. If they still fail to meet the standards upon review, corresponding measures are taken based on the actual risk level. In 2025, the Company conducted ESG compliance screenings for a cumulative total of 2,313 potential suppliers, achieving a 100% rate of supplier selection based on ESG compliance standards and meeting the target of having 95% of newly introduced material suppliers meet the three-system certification²² threshold, ensuring that new suppliers possess the required level of ESG management.

Management of High Risk

If a supplier is determined to be high risk, the company must conduct an on-site inspection to admission whether to incorporate the supplier based on the results of the inspection.

Management of Red Line Issues

The following items are prohibited, and improvements must be completed otherwise, admission would be prohibited

- The use of any form of child labour is prohibited
- Forced labour is prohibited, and restrictions on employees’ personal freedom are prohibited.
- The use of violence, abuse, corporal punishment, or sexual harassment is prohibited, as is illegal body searches or searches by the opposite sex
- Paying employees below the local wage standards is prohibited.
- There have been incidents of fire or serious injuries within the past 12 months; the factory currently has significant occupational health and safety and fire risks.
- There have been significant environmental violations or major environmental pollution incidents in the past year; the factory currently engages in illegal emissions of pollutants.
- Within the past 3 years, the company or its high-level executives (including current legal representatives, directors, supervisors, high-ranking officials, or direct persons responsible for supply projects) have faced criminal or administrative penalties for commercial bribery

Management of Admission Prohibition

Such behaviors occurring within 2 years will result in a 2-year or permanent prohibition of admission

- Major illegal activities that violate national laws and administrative regulations
- Engaging in false, deceitful, fraudulent, or fabricated actions
- Violating the occupational health, safety, and environmental protection rights of internal and external employees
- Violating requirements for ethical cooperation
- Violating the basic human rights of internal and external employees
- Minerals including tungsten, tin, tantalum, gold, cobalt, mica, copper, aluminum and silicon are categorized as conflict minerals or sourced from conflict and high-risk areas, with no valid certification obtained.

Management Measures for Suppliers With Failed Qualification Audits

22. Three-system certifications: ISO 14001 Environmental Management System, ISO 45001 Occupational Health and Safety Management System, and ISO 9001 Quality Management System.

Annual Supplier ESG Assessment

Once a supplier is approved by LONGi, the Company conducts an annual ESG risk assessment covering key issues such as environmental management, pollution and waste treatment, energy and resource utilization, labour rights, occupational health, business ethics, and corporate governance. LONGi manages suppliers through a tiered and classified system based on ESG risks, dividing them into high, medium, and low-risk categories. Differentiated risk levels correspond to a diversified ESG and supply chain traceability audit management model that includes second-party audits, third-party audit certifications, online verifications, and on-site audits, with corresponding control measures and corrective action plans for each risk level. For suppliers that are persistently high-risk or fail to meet ESG standards over the long term, including non-compliance with the Responsible Business Alliance Code of Conduct, the Company will take measures such as suspending new business or terminating the partnership, based on their improvement progress and business practices, to ensure the continued compliance and resilient development of the supply chain.

Risk Level	Audit and Supervision Requirements	Daily Monitoring Requirements	Training Requirements
High Risk	On-site audits are conducted annually in principle, and due diligence document reviews are conducted annually until the risk is downgraded to low risk.	ESG performance is integrated into supplier performance assessments. For suppliers with poor ESG performance evaluations, timely corrective and preventive action plans are initiated. Suppliers are coached to periodically formulate improvement plans based on a simplified 8D report ²³ logic, and the completion of the improvement loop is tracked.	 Organized periodically Supplier training
Medium Risk	On-site audits are conducted every three years in principle, and due diligence document reviews are conducted annually until the risk is downgraded to low risk.		
Low Risk	On-site audits are conducted as needed, and due diligence document reviews are conducted annually.		

Risk-Based Management Measures for Suppliers

Supplier Exit Management

For suppliers engaged in misconduct, we classify them into two categories based on the nature of their actions and the severity of their impacts: elimination and blacklisting. Suppliers on the blacklist are, in principle, never re-used within the Group.



Elimination

For suppliers with consistently poor performance that cannot be improved, alongside behaviors such as a lack of service awareness and low cooperation, or those with significant risks, LONGi will initiate an elimination review. Eliminated suppliers will be restricted from participating in new procurement activities in the categories and organizations from which they were eliminated, and they will generally not be allowed to be reused for a year.



Blacklist

If a supplier breaches one or more red line issues, a blacklist review may be initiated against the supplier. Suppliers that are placed on the blacklist will, in principle, never be reused within the group.

Supplier Exit Management

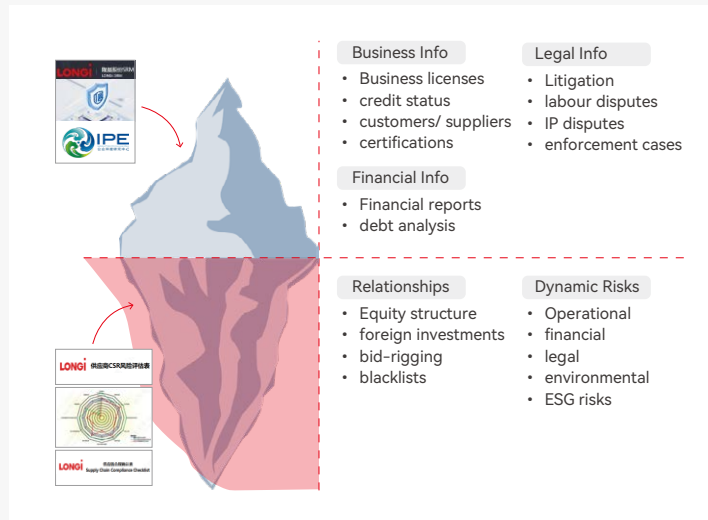
23. 8D (Eight Disciplines) report: A systematic, team-oriented problem-solving method widely adopted in automotive, electronics, and manufacturing industries. As a standard quality rectification tool, it applies to root cause analysis and long-term corrective actions.

Risk Assessment Tools

The Company employs a variety of identification and assessment methods, including third-party database screening, due diligence questionnaires, on-site audits, third-party audits, and third-party certifications, to ensure effective and reliable ESG risk assessment for suppliers.

▼ Third-Party Database Screening

The Company's Supplier Relationship Management (SRM) platform has integrated third-party information tools such as "Qixinbao" and "IPE", enabling efficient verification of key information for new suppliers, including business information, ownership structure, public opinions, labour disputes, and environmental compliance status. This supports the rapid identification and screening of potential suppliers for compliance risks and provides a solid basis for subsequent admission assessments.



Risk Management System

▼ On-Site Audits

On-site audits are a critical component of the supplier ESG risk assessment. Through interviews, document reviews, and on-site observations, the Company directly understands and collects information on suppliers' actual ESG management performance. Based on the assessment results, targeted improvement recommendations are proposed to address existing problems.

▼ Third-Party Certification

The Company encourages and requires suppliers to obtain third-party certifications as an important means of enhancing their ESG management level. To achieve these certifications, suppliers must systematically identify gaps in their ESG management and implement targeted improvement measures.

▼ Due Diligence Questionnaire

Based on international social responsibility standards such as the *United Nations Guiding Principles on Business and Human Rights* (UNGPs) and the *OECD Due Diligence Guidance for Responsible Business Conduct*, as well as relevant laws and regulations, the Company has designed a supplier ESG questionnaire. It focuses on core issues including labour and human rights (e.g., child labor, forced labour, remuneration, discrimination, working hours, and freedom of association), occupational health and safety, environmental protection, business ethics (e.g., anti-corruption, anti-bribery, anti-monopoly, data privacy, and responsible minerals), and management systems. For suppliers whose ESG risk level does not meet the admission requirements, the Company will suspend the development process.

▼ Supplier ESG Management Survey

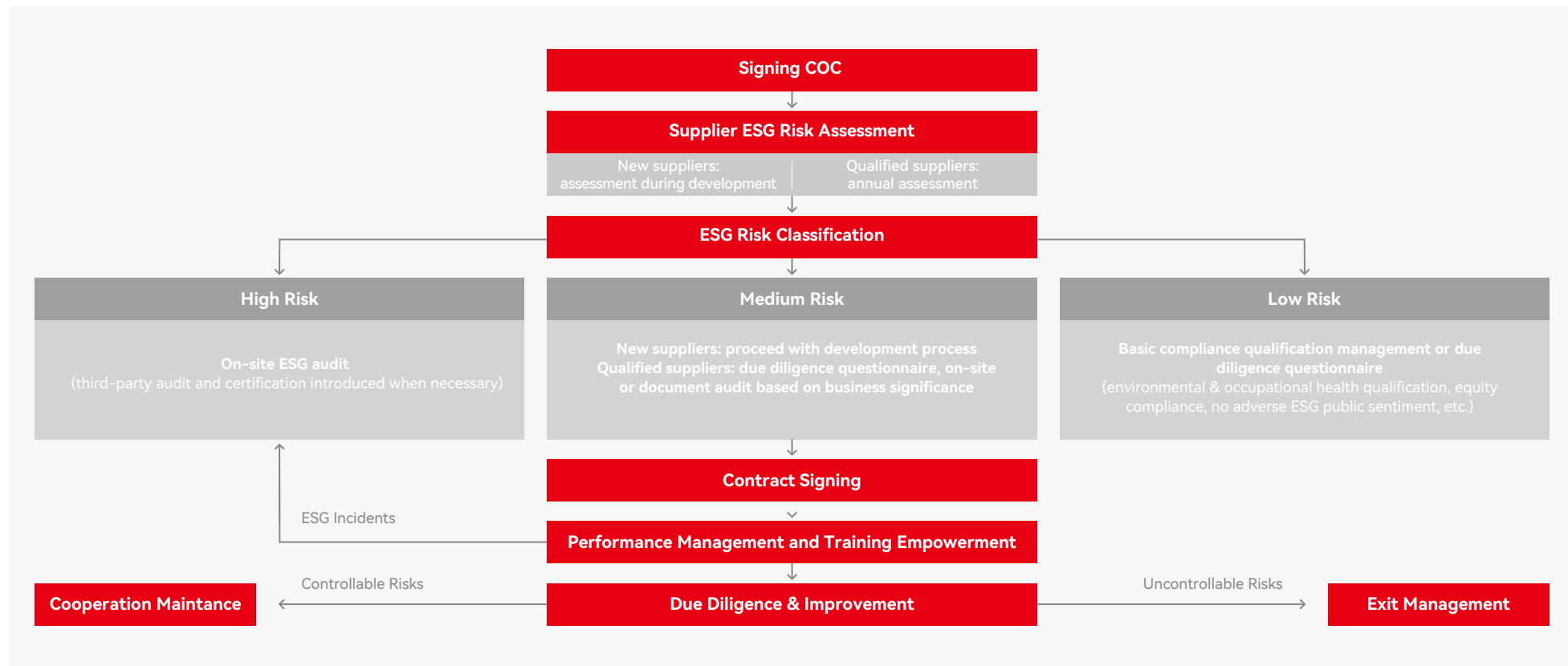
The Supplier ESG Management Survey references the supply chain due diligence management outlined in the *OECD Due Diligence Guidance for Responsible Business Conduct*. It incorporates key elements of environmental, social, and governance risks into its evaluation, comprehensively assessing a supplier's ESG risk level from multiple dimensions, including major ESG incidents, ratings and certifications, industry and regional risks, factory scale, EHS compliance procedures, and on-site compliance performance. This assessment serves as a crucial due diligence tool during the supplier admission stage, providing a preliminary basis for screening suppliers' ESG risks. If a supplier's risk level does not meet the admission standards, the Company will halt supplier onboarding.

▼ Internal and External Audits

To verify supplier compliance with the *LONGi Supplier Code of Conduct*, the Company implements comprehensive internal audits and external third-party audits across its supply chain. Internal audits are conducted through a combination of document reviews and on-site audits. External audits are performed by independent third-party auditing firms through methods such as confidential worker interviews and inspections of suppliers' work and accommodation facilities. During the audit process, suppliers are expected to be transparent and allow auditors to access facilities, review records, and interview workers.

Supplier Due Diligence

Based on international social responsibility standards such as the UNGPs and the *OECD Due Diligence Guidance for Responsible Business Conduct*, and aligning with regulatory and industry requirements like the EU's *Corporate Sustainability Reporting Directive (CSRD)*, *Corporate Sustainability Due Diligence Directive (CSDDD)*, and the SSI, LONGi released an updated *Supplier Due Diligence Management Measures* Version 3.0 during the Reporting Period. This version clearly establishes the due diligence management principles of “compliance with laws, risk-oriented approach, supply chain due diligence, continuous improvement, and transparent disclosure”. By building and embedding a management system, the Company systematically promotes a five-step method of risk identification and assessment, prevention and mitigation of negative impacts, implementation effectiveness tracking, and information communication and disclosure. This approach enables due diligence management of risks related to labour and human rights, the environment, occupational health and safety, management systems, business ethics, and traceability for suppliers and their upstream partners, continuously enhancing the compliance, sustainability, and resilience of the supply chain.



	Determine the Scope of Assessment	Identify and Assess Risks	Prevent and Mitigate Negative Impacts	Track Implementation Effectiveness	Communicate and Provide Feedback
General Supplier Due Diligence	- Key Tier 1 Suppliers - Multi-Tier Suppliers	Online searches, third-party due diligence tools, employee interviews, due diligence questionnaire assessments, and document reviews	- We promote risk mitigation through collaborative efforts, and urge suppliers to develop and implement corrective and preventive action plans. - For any actual adverse impacts that have occurred, we require suppliers to immediately cease relevant practices, activities, mitigate adverse consequences, provide remedies, and formulate and implement corrective measures.	- We periodically track the progress of supplier improvements, verify the effectiveness of corrective actions, and form conclusions. - For high-risk suppliers and those with a history of major issues, we conduct on-site audits, increase audit frequency, or introduce independent third-party audits/certifications as appropriate.	- We establish grievance and communication mechanisms - We conduct regular communication - We publicly disclose reports, announcements, and communication results
Responsible Minerals Due Diligence	Suppliers of Responsible Minerals²⁴	- Combining factors such as industry, region, and supplier scale, and referencing tools such as OECD Annexes I and II, the UFLPA Entity List, the EU CAHRAs, the Heidelberg Barometer, the Corruption Perception Index, and the Fragile States Index, we assess the risks of new and existing suppliers and classify them into high, medium, and low-risk levels. - We promote the use of the Conflict Minerals Reporting Template (CMRT) Questionnaire and the Responsible Minerals Assurance Process (RMAP).			

24. The scope of application covers the mineral supply chains of tungsten, tin, tantalum, gold, cobalt, mica, copper, aluminum, and silicon for LONGi Green Energy Technology Co., Ltd., its subsidiaries, and controlled affiliates.

General Due Diligence

In 2025, the Company established a three-tiered control system for its core supplier system, comprising “questionnaire screening, on-site inspections, and special audits”. Building on the completion of ESG questionnaire screening for materials suppliers, this system focuses on conducting multi-dimensional on-site ESG inspections of core suppliers, who account for 76% of total procurement value. For this group of core suppliers, the Company independently completed on-site auditing programs for 24 suppliers and also collaborated with third-party auditing firms and LONGi’s professional ESG team to conduct special ESG audits. Notably, 100% of polysilicon suppliers have passed audits by internationally recognized third-party auditing firms (such as RBA, TÜV Rheinland, and Bureau Veritas). The special audits strictly adhere to the SA8000 standard and reference the RBA Code of Conduct and the SSI ESG standard, comprehensively verifying supply chain ESG management across five aspects: labour and human rights, business ethics, health and safety, environmental protection, and management systems. During the on-site audits, we identified 322 non-conformities, comprising 86 social issues, 176 environmental issues, and 60 governance issues. According to LONGi’s supplier ESG audit evaluation criteria²⁵, the 2025 on-site audit scores were as follows: 25% Grade A (Excellent), 37% Grade B (Good), and 38% Grade C (Fair). No risks of child labour or forced labour were found among suppliers (including those in the silicon supply chain). For other non-conformities discovered during the audits, we required suppliers to formulate corrective and preventive action plans and implement rectifications within a specified timeframe.

During the Reporting Period,

the overall closure rate for non-conformities identified in the special ESG audits reached

100 %



Category Breakdown

Category	Key Issues	Improvement Outcomes
Health and Safety	- Some firefighting facilities were faulty or damaged - Fire drills did not cover all personnel or were insufficient in frequency - Some Material Safety Data Sheets (MSDS) were missing - Lack of secondary containment containers or spill pallets - Insufficient pressure in eye washers or failure to maintain them as required	- Fully implemented regular inspection and maintenance of firefighting equipment, strengthening systemic control. - Developed and implemented a regular fire drill plan, incorporating execution standards into the assessment system. - Standardized MSDS labeling and warehouse entry management, effectively implementing chemical MSDS management requirements. - Improved leak prevention mechanisms and promptly replenished facilities such as spill pallets. - Completed comprehensive inspection and repair of eye washers and established a mechanism for periodic maintenance and special audits to ensure emergency equipment is always available.
Labour and Human Rights	- Insufficient number of first-aid personnel - Personal protective equipment (PPE) not worn correctly - Inadequate provisions for the rights and interests of female employees	- Equipped with qualified first-aid personnel according to standards and organized assessments for certifications. - Continuously conducted training and supervision on the correct use of PPE. - Improved the system for protecting the rights and interests of female employees, effectively safeguarding their legal rights.
Environmental Protection	Failure to formulate comprehensive reduction targets; lack of greenhouse gas inventories	Actively promoted carbon reduction awareness among suppliers, organized carbon management training and guidance, and progressively guided suppliers to establish and implement carbon reduction management mechanisms, helping to improve environmental performance across the entire supply chain.
Management Systems	No documented ESG management system, targets, or organizational structure and suppliers’ ESG performance not integrated into procurement, performance, or exit management	Provided ESG management system training and guidance to suppliers, encouraging them to formally incorporate their ESG performance into procurement management processes to enhance their ESG governance level.
Business Ethics	- Inadequate grievance and reporting channels - Insufficient business ethics risk identification and training	- Improved business ethics training and management mechanisms, establishing and strengthening internal risk identification and control processes. - Optimized the development of reporting channels, enhancing compliance awareness and ethical risk prevention capabilities among all personnel.

Supplier ESG Management Issues and LONGi’s Actions in 2025

25. LONGi’s supplier ESG audit and assessment standards: Grade A (Excellent: 90-100 points), Grade B (Good: 75-90 points), Grade C (Fair: 60-75 points), Grade D (Fail: below 60 points).

Responsible Mineral Due Diligence

The Company places a high value on the compliance management of responsible minerals, updating its *Supply Chain Responsible Mineral Management Measures* and publishing the *Responsible Mineral Procurement Management Policy* on its official website. As a fundamental principle of responsible mineral management, we commit not to purchase or use any minerals (including but not limited to tungsten, tin, tantalum, gold, cobalt, mica, copper, aluminum, and silicon) that directly or indirectly finance armed groups in conflict-affected and high-risk areas or contribute to conflict and human rights violations. To continuously enhance the sustainability and compliance level of our mineral supply chain, LONGi strictly adheres to the five-step framework of the *OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas (third edition)* (hereinafter referred to as the *OECD Minerals Due Diligence Guidance*). Concurrently, we have established a comprehensive responsible mineral control system in accordance with regulations and industry guidelines such as the UNGPs, the Solar Stewardship Initiative (SSI) standard, the *Chinese Due Diligence Guidelines for Responsible Mineral Supply Chain (second edition)*, Section 1502 of the U.S. *Dodd-Frank Wall Street Reform and Consumer Protection Act*, the EU *Conflict Minerals Regulation*, and the International Labour Organization (ILO) standards.

The Company has established and refined its responsible mineral procurement management system, creating a management process that includes “signing commitments, periodic surveys, smelter or refiner eligibility confirmation, report submission, and performance auditing and empowerment”. We concurrently implement the Supply Chain Responsible Minerals Management Measures, conducting material identification, supply chain investigations, risk assessments, and tiered management for key minerals such as 3TG²⁶ and the silicon supply chain to achieve standardized and regulated end-to-end management.

LONGi extends its responsible mineral management to all production materials across the Group, with a key focus on defining responsible procurement requirements for core minerals like silicon. We require suppliers to implement upstream traceability management in reference to the *OECD Minerals Due Diligence Guidance*, ensuring the supply chain does not involve conflict minerals or minerals from high-risk areas. The Company focuses on identifying, controlling, mitigating, and preventing adverse impact risks such as supply chain conflicts, severe human rights abuses, and business ethics violations. We continuously improve our risk prevention and control mechanisms to fulfill our corporate social responsibilities, meet customer compliance requirements, and satisfy our own sustainable development needs.

1 Signing Commitments

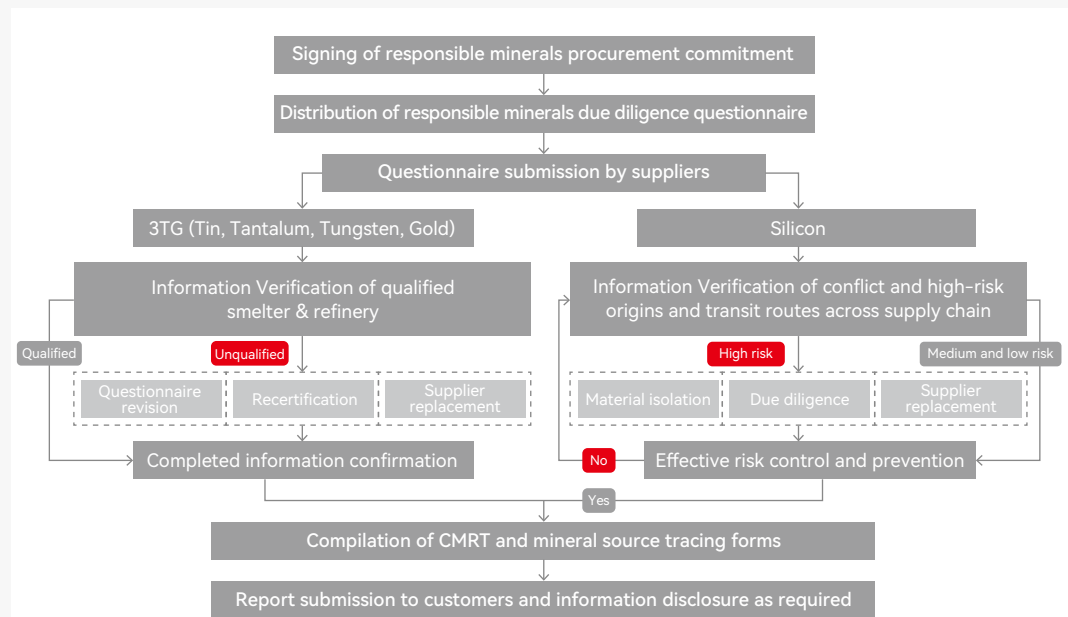


We require suppliers to uphold equivalent commitments and collaborate with LONGi in implementing due diligence management. During the supplier admission phase, new suppliers are required to sign the *LONGi Supplier Code of Conduct*, committing not to procure minerals from conflict regions and ensuring that all raw materials used comply with responsible mineral procurement and are from conflict-free sources. This commitment is incorporated into supplier contracts and agreements.

2 Periodic Surveys



The Company periodically identifies smelters and refiners within its supply chain investigating mineral origins, industry certification credentials, and other relevant information. We also conduct due diligence on the use of 3TG conflict minerals, carrying out due diligence throughout the supply chain with reference to requirements such as those in Annex II of the *OECD Minerals Due Diligence Guidance*.



Responsible Minerals Due Diligence Process

26. 3TG Conflict Minerals: Tin (Sn), Tungsten (W), Tantalum (Ta), Gold (Au).

3

Risk Identification and Response Strategy



The Company uses “red flag” warning signals²⁷ to identify high-risk suppliers, ensuring that its responsible procurement policy complies with Annex II of the *OECD Minerals Due Diligence Guidance*. Risk management is conducted based on information such as the mineral’s country of origin, the smelter’s RMAP²⁸ certification status, and the physical location and transport routes of the supply chain. For suppliers classified as medium or high risk, we define a clear rectification list and carry out risk reduction and mitigation work based on their risk levels. If risk mitigation measures are ineffective, we will temporarily suspend or terminate our cooperation with the upstream suppliers. When necessary, we will commission a third-party organization to conduct on-site audits.

Risk Level	Description	Measures
High Risk	Upstream 3TG smelters or refiners are not RMAP-certified or the silicon mineral’s place of origin or transit route involves conflict-affected or high-risk areas or cannot be verified.	Cease cooperation and implement responsible mineral audits, requiring achievement of RMAP certification or equivalent standards within 6 months. If the required certification is not achieved, initiate supplier replacement or exit procedures
Medium Risk	Upstream smelters or refiners are not RMAP-certified or have not obtained other qualified accreditation reports and the silicon mineral’s place of origin or transit route does not involve conflict-affected or high-risk areas	Continue cooperation and urge the supplier’s upstream smelters or refiners to obtain RMAP certification or equivalent standards within 6 months
Low Risk	The 3TG upstream smelters or refiners are RMAP certified, and either the silicon mineral’s origin and transit routes are not from conflict-affected or high-risk areas, or valid accreditation reports are available.	Conduct due diligence and continuous monitoring annually

Responsible Mineral Supplier Tiered Management

4

Communication and Reporting



We continuously educate upstream suppliers about risks related to responsible minerals, helping them identify potential impacts. We explicitly require Tier 1 suppliers to submit responsible mineral reports, including the Conflict Minerals Reporting Template (CMRT) and the *Mineral Source Traceability Information Assessment Form*. Silicon chain suppliers must provide the *Mineral Source Traceability Information Assessment Form*, and suppliers involved with 3TG must provide a complete and verified CMRT. All suppliers are only granted continued supply qualifications after providing a complete report that meets the above requirements, ensuring the transparency, compliance, and responsible sourcing commitments of the supply chain.

LONGi regularly discloses its responsible minerals management performance in the *LONGi Sustainability Report*, enhancing the transparency of its supply chain management.



5

Monitoring and Empowerment



By conducting internal training for buyers and communicating with external stakeholders, we build internal and external communication channels and capacity-building pathways, continuously improving the understanding and execution capabilities of both buyers and suppliers regarding responsible mineral policies, and promoting the establishment of responsible mineral management and supervision mechanisms among suppliers.

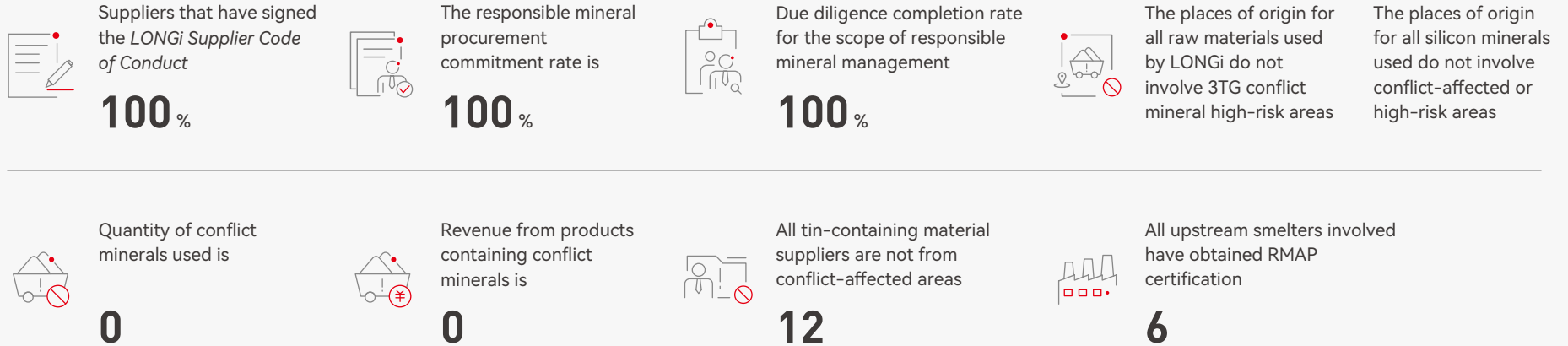
The Company encourages stakeholders to provide feedback on responsible mineral issues or violations and has established accessible communication and grievance channels, allowing stakeholders to provide feedback through diverse channels such as phone calls, the “LONGi Integrity” WeChat mini-program, the Group’s audit email, and the SRM portal. Furthermore, a comprehensive protection mechanism ensures the fairness and security of the grievance and reporting process, guaranteeing that complainants and/or reporters are not subjected to threats, intimidation, harassment, or any other form of unfair treatment as a result of their complaint and/or report.

27. Within the framework of the Organisation for Economic Co-operation and Development (OECD) *Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas*, a ‘red flag’ refers to a set of observable and verifiable warning indicators used to identify potential conflict risks, human rights abuses, governance deficiencies, or other compliance issues within the supply chain.

28. RMAP, Responsible Minerals Assurance Process, an audit program under the Responsible Minerals Initiative.

Key Performance:

As of the end of the Reporting Period,



During the Reporting Period, LONGi conducted questionnaire surveys with all direct suppliers of materials involving 3TG conflict minerals through the SRM supplier management platform, achieving a 100% coverage rate. The survey results show that all tin used in the supply chain comes from the following 6 Chinese smelters that are certified by third-party RMAP, with no involvement of conflict minerals from conflict or high-risk areas.

Smelter	English Name	Address
CID002180	Yunnan Tin Co., Ltd, Smelting Branch	No. 1 Yelian Road, Gejiu City, honghe Hani and Yi Autonomous Prefecture, Yunnan Province
CID001231	Jiangxi New Nanshan Technology Co., Ltd.	Longhua Industrial Park, Nankang District Economic Development Zone, Ganzhou City, Jiangxi Province
CID001070	Guangxi Huaxi Nonferrous Metal Co.,Ltd.	No. 71 Chengxi Road, Hechi City, Guangxi Zhuang Autonomous Region
CID003397	Yunnan Yunfan Nonferrous Metals Co., Ltd.	BaBaoShu, ZhaDian, Jijie Town, Gejiu City, Honghe Prefecture, Yunnan Province
CID003379	Ma'anshan Weitai Tin Co., Ltd.	No. 109 Zhenxing Road, Xinshi Town, Bowang District, Ma'anshan City, Anhui Province
CID002158	Yunnan Chengfeng Non-ferrous Metals Co., Ltd.	Hongtupo, Datun Street, Gejiu City, Honghe Prefecture, Yunnan Province

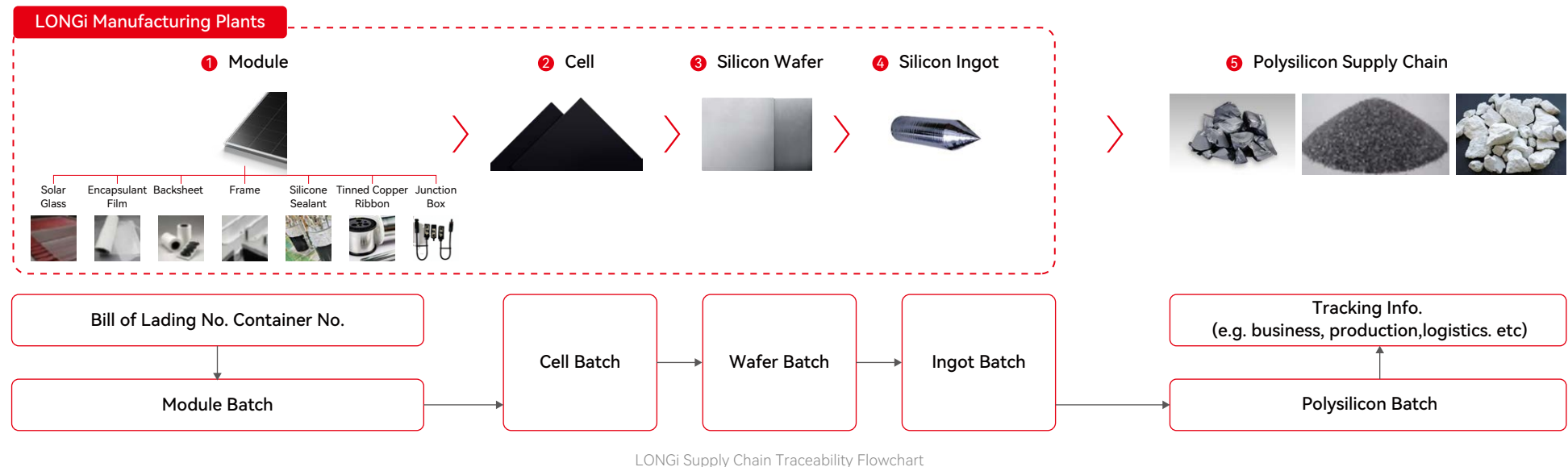
Supplier Traceability

LONGi has established a systematic supply chain traceability management mechanism and implements strict traceability management standards, forming a three-stage control model of “Commitment-Verification-Admission”. Before admission, silicon chain suppliers are required to sign a compliance path commitment, and their compliance management capabilities, production traceability systems, and traceability management abilities are systematically verified through methods such as on-site inspections, document tracing, and capability assessments. Only suppliers who pass the audit are included in the traceability resource pool for management. After admission, the Company implements dynamic, stratified, and tiered management of suppliers, regularly monitoring and evaluating their traceability performance, and incorporates the results into performance evaluations to achieve survival of the fittest, ensuring that the entire chain of supply continuously meets leading sustainability standards. In 2025, the Company expanded traceability to Tier 1 suppliers of non-silicon primary material supply chain of modules, and we will continue to extend our traceability capabilities further upstream in the future.

Based on ISO 9001, the Solar Stewardship Initiative (SSI) Supply Chain Traceability Standard, and the Solar Energy Industries Association (SEIA) 101 Standard²⁹, LONGi continuously enhances its supply chain traceability standards, forming a standardized management system that covers three major modules: Management, Operation, and Support. By iterating the *LONGi Supplier Traceability Management Measures* and releasing the *Supplier Traceability Management Policy*, we continuously empower suppliers to improve their traceability system construction, actual order traceability verification, and on-site segregation and labeling management capabilities, effectively enhancing the overall traceability management level of the supply chain.

During the Reporting Period, LONGi completed on-site ESG and traceability audits for 24 key suppliers and third-party ESG and traceability audits for 12 silicon chain suppliers, ensuring that suppliers manage in accordance with the *LONGi Supplier Code of Conduct* and LONGi traceability standards. In addition, LONGi’s key polysilicon suppliers have demonstrated robust traceability capabilities through third-party certifications. In 2025, they obtained the AA-rated certification for full-chain traceability management system from TÜV Rheinland and successfully passed the IFC (World Bank Group) supply chain traceability audit. LONGi continually deepens its chain-based due diligence for approved materials and approved suppliers, guaranteeing supply chain traceability and earning the long-term trust of customers.

Centered on creating a “transparent, visible, and satisfactory customer interface”, the Company continuously upgrades its digital traceability system, pushing traceability management further upstream and optimizing the multi-dimensional management system and processes for supplier admission, cooperation, audits, and traceability documentation. In 2025, we internally upgraded our digital *Traceability Service System (TSS) 2.0*, which can instantly generate and push traceability reports by Serial Number (SN), while simultaneously building an external customer-facing interface that supports one-stop self-service query and download of product traceability reports, achieving value-added traceability services for LONGi’s supply chain. The system covers all of the Company’s production bases, extending vertically to the silicon chain and horizontally to major non-silicon raw materials, significantly improving the response efficiency of traceability services and providing customers with a more efficient and convenient traceability service experience. In the future, we will continue to optimize the construction of our traceability system and its operational efficiency to enhance customer satisfaction with high-efficiency, high-quality traceability services.



29. Solar Energy Industries Association (SEIA) 101 Standard: Solar and Energy Storage Supply Chain Traceability Standard.

CASE STUDY

“The journey of a grain of silicon” — LONGi’s silicon supply chain traceability and collaborative development

In the context of the global PV industry’s accelerated transition to green supply chain, LONGi has undertaken systematic practices in silicon supply chain traceability and collaborative development. LONGi collaborates with core suppliers in the silicon chain to present the complete production process from silica to high-purity polysilicon, showcasing the practical achievements of silicon chain suppliers in three core areas: green production, ESG and traceability compliance management, and technology-empowered carbon reduction. Leveraging its internal digital Traceability Service System (TSS), LONGi achieves full-process production traceability, upgrading its ESG management of suppliers to a collaborative development model, promoting upstream collaboration to enhance the traceability system, and gradually building a closed-loop management system for a green, responsible, and traceable silicon chain supply chain. This practice demonstrates the transparency and high standards of LONGi’s silicon chain, while also conveying the “Solar for Solar” brand commitment to the world and practicing the sustainable development philosophy of “building a green value chain”. For more details, please watch the following video.



Supply Chain Stability

The Company continuously strengthens its supply chain stability management to provide a fundamental guarantee for long-term steady growth. By establishing and improving a system of regulations such as the *Procurement Management Policy*, the *Management of Supplier Development Documents*, the *Supplier Resource Pool Management Measures*, and the *Strategic Supplier Management Measures*, we systematically standardize procurement and supplier management processes. At the same time, we have established a professional insights department that conducts industry chain research and analysis on market segments, promoting the diversified layout of the supply chain, providing precise support for procurement decisions, and continuously enhancing the security and stability of the supply chain.

On this basis, to ensure that the Supply Chain Management Center can still perform its delivery duties according to pre-set minimum standards after a sudden disruption, and can take timely response measures to mitigate adverse impacts and ensure business continuity, the Company newly formulated and implemented the *Supply Chain Continuity Management Measures* in 2025, which covers key stages such as planning, procurement, transportation and delivery, and supplier management, and incorporates full-process management requirements spanning pre-planning, control during the process, and post-improvement. Each business department has accordingly broken down and formulated department-level business continuity goals, forming a systematic supply chain business continuity management plan and a process progress control mechanism.

Supply Chain Diversification

By implementing a resource pool management mechanism, the Company ensures that at least two or more suppliers are allocated to mainstream resource pools and achieves a global supplier layout, covering multiple countries and regions in Asia (China, Southeast Asia), the Americas (United States, Canada), and Europe (Belgium, Netherlands), effectively dispersing supply chain risks from single-supplier or regional concentration.

Regional Collaboration

- Leveraging its industrial influence, the company advances industrial clustering and local layout. It encourages suppliers to set up nearby supporting facilities to mitigate logistics risks from cross-regional transportation, especially disruptions caused by extreme weather. Supporting systems for key auxiliary materials have been established in the Northwest region, Jiangsu-Zhejiang region, and Shaanxi region, greatly boosting supply chain efficiency and resilience.

Value Collaboration

- The company signs long-term framework agreements with core tier-1 suppliers to define cooperation goals and responsibilities, sustaining stable partnerships. Additionally, by investing in suppliers or providing financial support, we deepen strategic cooperation with them to jointly explore value engineering, conduct joint development, and achieve deep collaboration within the supply chain.

Procurement Collaboration

- The company actively promotes a “Collaborative Procurement” model and maintains an efficient connection with suppliers via digital platforms. We build and dynamically manage resource pools with regular planning and monitoring to guarantee steady resource quality and availability. Combined with demand forecasting, inventory management and material requirement planning, referencing Just-In-Time (JIT) and Vendor Managed Inventory (VMI) models are applied for proactive management of materials, improving overall operational efficiency and market responsiveness.

Supplier Empowerment and Training

The Company has established four key dimensions: social responsibility qualification compliance, management system compliance, labour and human rights compliance, and EHS management capability compliance, to comprehensively enhance the effectiveness of suppliers' ESG work. The implementation of this plan aims to incentivize suppliers to proactively practice ESG management concepts and simultaneously build a sustainable procurement management system. LONGi has formulated the 2024-2028 Supplier ESG Capacity Building Plan, striving to gradually increase the procurement amount from key Tier 1 suppliers participating in the capability building plan to 80% of the total material supplier procurement amount between 2025 and 2028. At the end of the Reporting Period, the procurement amount from key Tier 1 suppliers participating in the capability building plan accounted for 76% of the total material supplier procurement amount, an increase of 3% compared to 2024.

During the Reporting Period, the Company conducted

52 ESG-themed training sessions for suppliers



Covering core topics such as the Solar Stewardship Initiative (SSI) ESG standard, the *Supplier Code of Conduct*, human rights due diligence, carbon information disclosure, and ESG management system development. These sessions reached multi-departmental teams from Tier 1 suppliers and multi-tier suppliers in the silicon chain, helping them comply with their obligations, establish ESG management systems, and pass third-party audits and certifications. In 2025, all of LONGi's polysilicon suppliers have established social responsibility management systems. Additionally, LONGi has guided suppliers in building social responsibility systems based on the SA8000 standard and promoted their third-party certifications. In 2025, a total of 38 Tier 1 suppliers obtained SA8000 system certifications. Furthermore, through regular performance evaluations and on-site coaching, LONGi helps suppliers identify management weaknesses and formulate targeted improvement plans, driving their continuous quality enhancement in areas such as quality and ESG governance.



Qualification Compliance

- Completion and acceptance of building main structures and ancillary facilities (e.g., factories, canteens, dormitories)
- Safety (including fire safety) - "Three Simultaneities" principle
- Environmental and occupational health systems

System Capacity Building

- **Management system:** Management manual, risk management, legal and regulatory identification, supplier/subcontractor management
- **Labour and human rights policies:** Child labour and young workers, forced labour, anti-discrimination, prohibition of harassment and abuse, freedom of association, rewards and punishments, protection of female employees, etc.
- **Environmental and safety policies:** Occupational health, hazard identification, labour protection, hazardous operations, special equipment, work-related injuries, etc.
- **Business Ethics**

On-site EHS Management

- **Personal safety:** Labour protection, safety exits, firefighting facilities, emergency drills, and occupational health.
- **Material safety:** Management of machinery, chemicals, solid waste, and hazardous waste.
- **Environmental safety:** Wastewater discharges and exhaust gas emissions as well as toxic and hazardous positions
- **On-site management:** Rational scheduling, safety training, and routine supervision

Promoting Supplier Environmental Management

The Company works with suppliers to implement the “Supply Chain Green Partner Empowerment Program”, encouraging them to manage resources, carbon emissions, and the discharge of exhaust gas, wastewater, and waste residue. This program also promotes suppliers to pursue environmental management system certifications to continuously improve the green supply chain system. In 2025, the ISO 14001 certification coverage rate for LONGi’s Tier 1 material suppliers reached 88%, with 100% of polysilicon suppliers having passed the certification. At the same time, LONGi maintains a long-term partnership with the Institute of Public & Environmental Affairs (IPE) and has established a “one-strike” management mechanism for supplier environmental violations. Leveraging third-party platform monitoring and on-site audits, the Company dynamically supervises suppliers’ environmental compliance, ensuring that 100% of all identified environmental violations are managed within a closed-loop rectification process, thereby co-creating net-zero emission and nature-positive value chains with suppliers.

 Promoting Resource Management	LONGi extends water resource management across its entire value chain. Relying on the water resource map of the World Resources Institute (WRI), the Company accurately identifies suppliers’ water risks and places special requirements on suppliers in high water-risk areas to carry out water conservation management. The Company encourages suppliers to set water-saving targets, implement water conservation projects, and strictly control wastewater discharge. During the supplier admission stage, their water resource management practices in production are investigated and assessed. In the existing annual performance evaluations, water resource management performance is included in the assessment, and the implementation of corrective actions is tracked. Simultaneously, the Company strengthens collaboration with upstream suppliers of raw and auxiliary materials to reduce the product life cycle water footprint through source control, management improvement, and cooperative development.
 Promoting Carbon Emissions Management	LONGi advocates for suppliers to conduct carbon verification, set emission reduction targets, and promote them to enhance their carbon emissions management capabilities by joining organizations such as CDP and SBTi. In 2025, the Company encouraged 97 suppliers to conduct carbon audits, helped 20 obtain ISO 14064 certification, 23 obtain ISO 14067 certification, and 1 obtain ISO 14068 certification. Additionally, 3 polysilicon suppliers received French carbon footprint certifications, and 109 suppliers were certified as national or provincial/municipal Green Factory certifications.
 Promoting Waste Management	The Company has launched special supplier waste management initiatives to help suppliers further enhance their energy-saving and emission reduction capabilities on the basis of regulatory compliance. A total of 61 key material suppliers have achieved green and low-carbon production by building their own PV power stations, implementing energy-saving and emission reduction measures, recycling wastewater, and recovering waste heat.

Collaborative Innovation with Suppliers

The Company has launched the “Four News Value Creation” platform, which employs diverse cooperation mechanisms with suppliers through new technologies, materials, processes, and models, successfully promoting the implementation of a series of innovative achievements.

New Technologies - Using granular silicon with French carbon footprint certification to overcome technical and mass production bottlenecks; promoting new technologies such as inner liners, peripheral supports, and felt materials to create a green, low-carbon, and friendly product series - New mesh panel technology for fence-style products helps reduce silver paste consumption per unit 	New Models Collaborating with logistics suppliers to adopt innovative front-loaded path designs and build a visible global smart logistics network, including projects such as digital warehouse network systems, multimodal transport, smart logistics industrial parks, visual tracking and sign-off, electronic ocean bills of lading, loading rate improvement, ocean freight fill-up booking model, and joint prevention and control of international transportation risks, which effectively enhances logistics and transportation efficiency 
New Processes Jointly optimizing material standards with suppliers (e.g., new silver-free processes) 	New Materials - Collaborating on carbon fiber filament projects - Promoting new alloy solder ribbon materials 

“Four News” Collaborative Innovation Projects

Supplier Engagement

LONGi has established mutually trusting and collaborative partnerships with suppliers and has built diverse communication channels with them.

Day-to-day business coordination	Regular exchanges	Business communication	Open Complaint Channels
SRM Comprehensive business coordination through system modules	Quarterly exchanges Strategic resources Semi-annual exchanges Significant & bottleneck Annual exchanges Special communication Annual audit coaching Supplier visits	SRM Appeal Center Business & non-business appeals Public e-mail for supplier management Supply_Chain@longi.com “Four New” collaborative innovation program e-mail scmc-innovation@longi.com	Group audit e-mail audit@longi.com Due diligence e-mail compliance@longi.com Complaint hotline 86 029-84193391 86 18089282003 LONGi Honest LONGi in Sunshine  
Collaboration and coordination survey Aimed at continual improvement SRM supplier survey			

Supplier Communication Methods and Channels

ESG Capacity Building Exchange: A total of 43 ESG and traceability audit exchanges were conducted within the supply chain, clarifying system construction requirements to suppliers based on ESG and traceability standards and conducting ESG audits. Through one-on-one communication, specialized training, and case sharing, we help suppliers deeply understand and implement relevant standards and regulations.	Audit Sunshine Cooperation Exchange: The audit department conducted a total of 324 exchanges through a combination of online forums and offline site visits, conveying the Company’s cooperation philosophy and culture of integrity to suppliers, strengthening the foundation of honest cooperation, and helping to build long-term, stable supply-demand partnerships.	Quality Exchange: The manufacturing business unit’s SQE, technical, and process departments conducted 119 on-site audit exchanges. They held specialized discussions and in-depth communication on product quality abnormalities to collaboratively improve product yield rate and delivery quality.	Regular Exchanges: The supply chain divisions conducted a total of 447 regular exchanges, with senior management leading or participating in 263 of them. Through in-depth dialogue, we share market dynamics and cutting-edge technology trends, and jointly analyze and solve supply chain challenges.
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Equal Treatment of Small and Medium-Sized Enterprises

The Company has always valued long-term cooperation with its global suppliers, and its collaborative network includes a large number of small and medium-sized enterprises. This extensive supplier system demonstrates our commitment to fair and transparent cooperation. We regard timely payment of invoices as a crucial measure for maintaining supply chain stability and trust, effectively safeguarding the legitimate rights and interests of small and medium-sized enterprises.

Since 2021, the Company has been building and improving a digital management platform for online automated settlement and payment. By achieving real-time API interface connectivity with suppliers in collaborative procurement projects, the Company has enabled information sharing, rapid response, and close collaboration, further optimizing the synergistic management of production capacity and inventory. Through continuous system and platform upgrades, the Company has achieved online electronic management of supplier onboarding, receiving, and settlement processes. The supplier management system can automatically match payment cycles and trigger payment operations, achieving full-process visualization. Concurrently, an independent accounting team established by the Company monitors payment progress in real-time to ensure timeliness and accuracy. During the Reporting Period, there were no overdue and unpaid payments to small and medium-sized enterprises.

Key Performance

During the Reporting Period, the Company's supplier automated settlement and payment achievement rate reached

93%

Legal litigation cases arising from overdue payments

0

Targets and Performance



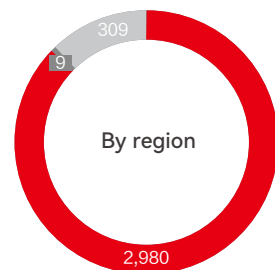
Sustainable Supply Chain Management Targets

Supplier COC signing rate	New supplier ESG risk screening coverage	High-risk supplier on-site audit coverage	Supplier training and empowerment completion rate	Supplier CAP due date rectification completion rate ³⁰	On-site audit coverage for key material suppliers: on-site audits were completed for key material suppliers accounting for 76% of the procurement amount, with third-party audit coverage for polysilicon suppliers reaching
100 %	100 %	100 %	100 %	100 %	100 %

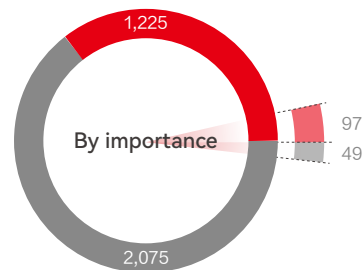
30. Timely rectification rate of supplier ESG audit findings, data as of March 2026.

Supplier Distribution and Quantity

LONGi 2025 Supplier Number (Unit: companies)



- 2,980 in Mainland China
- 9 in Hong Kong, Macao, and Taiwan
- 309 overseas



- 1,225 Tier 1 suppliers³¹
● including 97 key Tier 1 suppliers
- 2,075 non-Tier 1 suppliers³²
● including 49 key non-Tier 1 suppliers³³

Supplier Distribution:



Silicon Material Regional Distribution:

China		Overseas
Yunnan	Qinghai	Malaysia
Inner Mongolia	Jiangsu	United States



Module Material Regional Distribution:

China				Overseas
Jiangsu	Shanghai	Shandong	Henan	Thailand
Zhejiang	Guangdong	Liaoning	Hubei	Vietnam
Anhui	Guangxi	Fujian		Malaysia
Shaanxi	Hebei	Sichuan		

Supplier ESG Performance

▶ In 2025

of Tier-1 material
suppliers were certified
with ISO 14001

88 %

The current certification status of all the Company's suppliers is as follows:

Number of suppliers with
ISO 45001 certification

1,086

Number of suppliers with
ISO 14001 certification

1,352

Number of suppliers with
ISO 9001 certification

1,823

Suppliers with certification 2025

Suppliers with EcoVadis Bronze rating
and above 7

Suppliers with SA8000 certification 38

Suppliers completed rectification of IPE
environmental violation and were
removed from the list 84

31. The definition of Tier 1 suppliers was adjusted in 2025 to include only manufacturer-type suppliers.

32. The definition of non-Tier 1 suppliers was adjusted in 2025, with the statistical scope covering service providers, traders, authorized distributors, and silicon supply chain manufacturers.

33. The definition of key non-Tier 1 suppliers was adjusted in 2025, with the statistical scope focusing on key categories within the non-Tier 1 classification, including silicon, the eight main materials for modules, labour outsourcing, and the upstream silicon supply chain.

Sustainable Supply Chain Management Performance



The proportion of LONGi's new suppliers selected based on ESG standards in 2025 is

100%



The signing rate of LONGi's Supplier Code of Conduct and Integrity Agreements reached

100%



The Company performed third-party ESG audits on

12 silicon chain suppliers



The Company conducted on-site audits of 24 key suppliers (including high-risk suppliers), accounting for over

76% of total material procurement



The company conducted 100% due diligence on

2,313

(100%) new suppliers



The Company conducted due diligence on 130 qualified suppliers, accounting for

93%

of the total BOM material procurement value for the group



The Company conducted due diligence on 16 direct suppliers involved with responsible minerals, achieving a completion rate

100%



of 3TG mineral sources are fully traceable to RMAP-certified smelters, ensuring that the silicon chain's places of origin or transit locations are not from conflict mineral-affected or high-risk regions

100%

LONGi New Suppliers Screened by Using Social and Environmental Standards in 2023-2025

■ 2023 ■ 2024 ■ 2025



Supplier Training and Communication Performance

Number of training sessions

52

Total number of supplier attendees

1,798

Total training duration

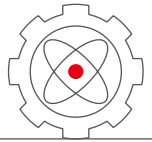
65.5 hours

The completion rate for ESG training of procurement personnel and suppliers has achieved

100%



Data Security and Privacy Protection



Strategy and Approach

In accordance with relevant laws and regulations in its operating jurisdictions, LONGi complies with the *Data Security Law of the People's Republic of China*, the *Cybersecurity Law of the People's Republic of China*, the *Personal Information Protection Law of the People's Republic of China*, and the European Union's *General Data Protection Regulation (GDPR)*. The Company has formulated institutional documents such as the *LONGi Data Security and Privacy Protection Policy* and the *Administrative Measures for Data Security* to regulate privacy compliance, personal information protection impact assessments, and cross-border data compliance, thereby standardizing privacy protection requirements for customers, employees, and the supply chain and systematically building a privacy and data security compliance framework. To ensure timely responses to sudden cybersecurity incidents, the Company has also established the *Emergency Response Plan for Information Security Crises* to clarify reporting procedures, while concurrently informing data subjects of the collection, use, transmission, storage, and deletion of their personal information and providing channels to exercise their rights via its privacy policy.

To enhance the information security management of its suppliers, the Company has integrated information security management standards into the *Supplier Management System*. It implements dynamic management of suppliers' information security capabilities through mechanisms such as confidentiality agreements, regular assessments, and service monitoring and reviews to effectively safeguard data security and customer trust across the entire value chain.

Group Digitalization Center

Responsible for the Company's overall digital planning, providing businesses with the capabilities, methods, mechanisms, and platforms for management transformation, system architecture, and data management, as well as delivering IT products and services to ensure the Group's information security.

Information Security Management Department

Responsible for executing the Group's strategic decisions on information and data security. Establishing management systems for information and data security, building a technical support system for information security, and overseeing information and data security operations with continuous optimization.

Subsidiary IT Departments

Responsible for undertaking business tasks, implementing information security management, and deploying information security technologies.

Information Security Governance Structure



Actions and Practices

LONGi has established clear data security management policies, implementing data transmission and local file encryption at the technical level and deploying data loss prevention solutions to enhance security throughout the data lifecycle. The Company has built a privacy protection compliance management system and conducts personal information protection impact assessments across various business scenarios, effectively safeguarding the privacy rights of customers, employees, visitors, and supply chain partners.

In 2025, all IT infrastructure and information systems at the Company's headquarters obtained ISO/IEC 27001 and ISO/IEC 27701 certifications, and their effective operation was ensured through annual internal audits, regulatory reviews, and follow-up audits by external organizations. The Company's official website, internal office system, and MES system completed Level 2 filing for the national information system security protection classification, while the TMS system completed Level 3 filing and underwent third-party evaluation, continuously enhancing the security and reliability of its information systems. In June 2025, the Company successfully obtained Level 3 qualification as a technical support unit for the National Vulnerability Database from the China Information Technology Security Evaluation Center, a first in the photovoltaic industry. This certification is not only a high recognition of the Company's technical strength but also signifies that our technical service capabilities in the field of vulnerability mining have reached an industry-leading level.

Data Security Management Requirements

- Prohibition against interfering with or restricting data subject rights requests and responses.
- Prohibition against unauthorized access, copying, deletion, transfer, sharing, assignment, or public disclosure of personal data.
- Ignoring, delaying reports of, or concealing personal data breach incidents is prohibited. In the event of a breach, it must be reported to the compliance team immediately to initiate the emergency response process. When necessary, regulatory authorities and data subjects must also be notified.
- A personal data protection impact assessment (DPIA) is conducted before carrying out personal data processing activities that may have a significant impact on the rights and freedoms of individuals.
- Personal data is collected lawfully, and it is prohibited to collect personal data beyond the scope of business, use it for purposes exceeding business objectives, or retain it for longer than business needs require.

Security Technology Protection

The Company continuously updates and improves its information security management technologies each year, strengthening technical protection and enhancing information security management. Some of the Company's protective measures include:



Intelligent Email Security Protection System

Leveraging AI-driven intelligent recognition technology, we have built a multi-dimensional, multi-engine, three-dimensional email protection system. Through its heterogeneous technology architecture design, this system effectively prevents risks such as phishing and data leakage, diligently safeguarding the information security of employees and business partners and maintaining the healthy development of the enterprise's digital ecosystem. During the Reporting Period, no security incidents occurred as a result of phishing emails.



Data Loss Prevention System

In 2025, the LONGDUN data loss prevention software achieved 100% coverage of Group employees, initially establishing data loss prevention management capabilities for office terminals. Concurrently, by analyzing business characteristics, over 100 terminal security protection policies were created. Innovative keyword extraction methods and policy-matching logic significantly improved policy accuracy, effectively blocking the unauthorized external transmission of internal information.



Asset Attack Surface Management

By integrating threat intelligence information, the Company gains an understanding of the current threat landscape. Monitoring and assessing the asset attack surface allows for the timely discovery of potential security threats, helping the Company to adopt corresponding security measures and establish proactive security defense strategies. During the Reporting Period, over 200 risks were proactively identified and rectified.



System Risk Management

During the launch and change phases of information systems, internal teams use simulated hacker attacks to conduct comprehensive security assessments of the real environment, accurately identifying and fully remediating potential security vulnerabilities. During the Reporting Period, security assessments for the launch of 39 business systems were successfully completed, significantly enhancing the enterprise's overall information security level and laying a solid foundation for the secure and stable deployment of information systems.



Building Defense-In-Depth Capabilities

A multi-layered security protection system has been built covering network, application, host, terminal, and container environments, which effectively intercepts various network attacks through continuous monitoring and intelligent response mechanisms. The construction of this system not only ensures the stable operation of the Company's core systems but also protects the sensitive information of customers and partners by improving data security protection mechanisms. This reflects the enterprise's social responsibility and governance effectiveness in data security management. During the Reporting Period, no security incidents were caused by network attacks.

Data Compliance Management

The Company strictly complies with applicable laws and regulations in its operating locations, such as the *Data Security Law of the People's Republic of China*, the *Cybersecurity Law of the People's Republic of China*, the *Personal Information Protection Law of the People's Republic of China*, and the European Union's *General Data Protection Regulation* (GDPR). In line with business needs, the Company lawfully collects and processes the personal information of employees, customers, visitors, and supply chain partners in scenarios including information collection and use, cross-border transmission, and processing by third parties, ensuring that all business activities are conducted in a legal and compliant manner.

The Company conducts data compliance assessments in accordance with applicable laws and regulations. These assessments cover aspects including, but not limited to, the external provision of personal information and various systems, with a key focus on the impact on the rights of personal information subjects and the adequacy of security protection measures. During the Reporting Period, the Company conducted personal information protection impact assessments for all domestic and overseas business scenarios involving the processing of personal information of employees, customers, visitors, and supply chain partners, identifying relevant risks and implementing necessary control measures. The Company also provides specialized training on personal information protection for all employees and key positions to continuously enhance their privacy protection awareness and compliance capabilities.

Information Security Stress Testing

The Company implements information security response and protection measures based on the principle of “strict prevention beforehand, active response during, and rapid handling afterward”. It conducts a penetration test on the entire Group's information systems at least once a year. By simulating hacker attacks, these tests assess the effectiveness of existing defense mechanisms, identify and repair potential security vulnerabilities, and prompt the analysis and rectification of security issues. In 2025, the Company did not experience any information security incidents resulting from information security vulnerabilities, nor was there any adverse impact on any customers or employees.

Information Security Training

To enhance employee awareness of information security, the Company disseminates information security knowledge to all staff and trains them to handle information security issues with caution. For information leakage incidents caused by an employee's personal reasons, the Company will impose corresponding disciplinary sanctions based on the severity of the incident. In 2025, LONGi continued to carry out the following work:



Regular Security Awareness Campaigns

Information security awareness materials were sent to all employees via email and the official office account a total of 14 times, covering topics such as office security, password security, email security, phishing, and employee confidentiality.



Internal Phishing Drills

Phishing drills were conducted for the Company's core departments (such as the Central R&D Institute and procurement departments) to simulate real-world scenarios, effectively enhancing employees' security prevention awareness and capabilities.



IT Staff Skills Training

Information security skills training was organized for professional IT personnel to strengthen their secure development, operations, and maintenance capabilities, further reinforcing the information security defense line.

Targets and Performance



Data Security and Privacy Protection Targets

- Zero major information security incidents
- Zero negative incidents involving privacy breaches related to information security for employees, customers, visitors, or supply chain partners

Data Security and Privacy Protection Performance

Major information security incidents

0 cases



Negative incidents involving privacy breaches related to information security for employees, customers, visitors, or supply chain partners

0 cases



Number of times information security awareness materials were distributed via email and the official office account

14 times

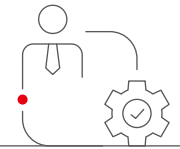


Information security training coverage for professional IT technical personnel

100 %



Customer Relationship Management



Strategy and Approach

LONGi always adheres to a customer-centric approach, upholding the core values of “Reliability, Value-added, and Fulfillment” and practicing the customer service policy of “Professional Services Drive Customer Value Creation”. Through systematic institutional design and collaborative mechanisms, we have built a customer-oriented, system-supported customer relationship management framework. By integrating the collaborative links between regional divisions, the marketing center’s customer service department, and the quality management department, we have established a three-tiered global customer service system that achieves efficient allocation of service resources and agile response to needs.

► LONGi Global Customer Service System



Senior experts at headquarters provide comprehensive, professional technical support to customers.



Possesses the capability to handle client issues and ensures the necessary resources are available to resolve them.



Our six major global regional divisions have established localized customer service interfaces to provide professional services such as rapid response to client issues, detailed and complete on-site investigation and analysis, and the development of product solutions.

Tier 1: Local Technical Service

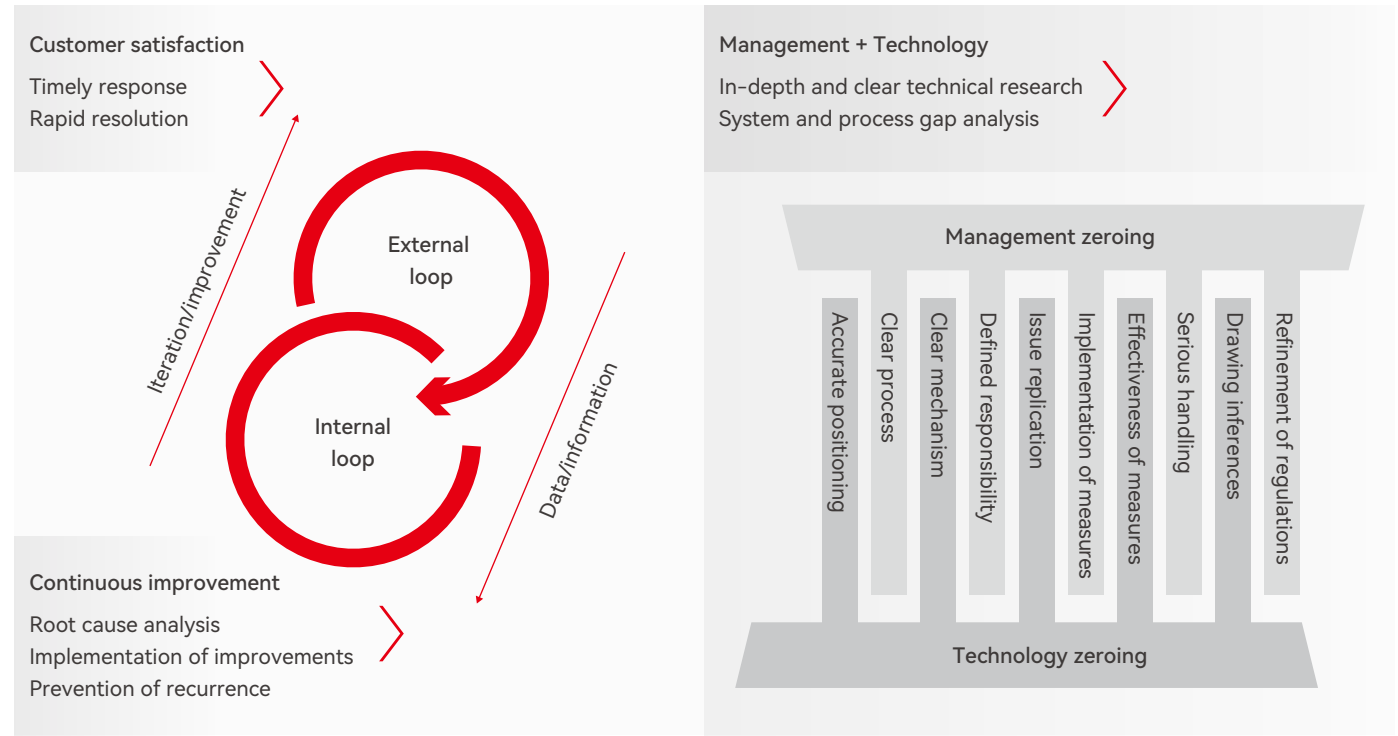
Tier 2: Central Enablement and Support

Tier 3: Headquarters Expert Support



Building on this foundation, the Company has deepened its “Iron Triangle” service model, which integrates “Business-Technology-Service”. Centered around customer business solutions, product technical support, and delivery service assurance, this model provides a professional and integrated service experience that covers the entire lifecycle, continuously creating long-term value for customers.

To ensure standardized and high-quality service, LONGi has formulated the *LONGi Customer Service Manual* and the *Commodity After-Sales Service Evaluation System*, which define service standards and evaluation mechanisms. For complaint management, we have standardized the entire handling process through the *Customer Complaint Management System*, specifying response times, tiered handling, and escalation paths to ensure issues are addressed quickly and accurately. The Company has also established a “Dual Closed Loop, Dual Zeroing” customer feedback mechanism. This system sets strict regulations for aspects ranging from complaint handling timeliness and tiered/escalation principles to closure standards, effectively transforming customer feedback into a driving force for internal service improvement and continuously enhancing customer satisfaction and service value.



“Dual Closed Loop, Dual Zeroing” System



Actions and Practices

Customer Service System

Driven by customer needs, LONGi continuously improves its globalization service system and accelerates the implementation of integrated solar-storage innovation in the European market. In 2025, the Company officially established its first Solar-Storage Technology Innovation Center in Europe. This center integrates core functions such as project consulting, technical training, O&M support, and spare parts management to build localized service capabilities covering the entire project lifecycle. It provides European customers with rapid, professional, and reliable technical support, comprehensively ensuring the systemic security, operational reliability, and long-term profitability of integrated solar-storage assets.

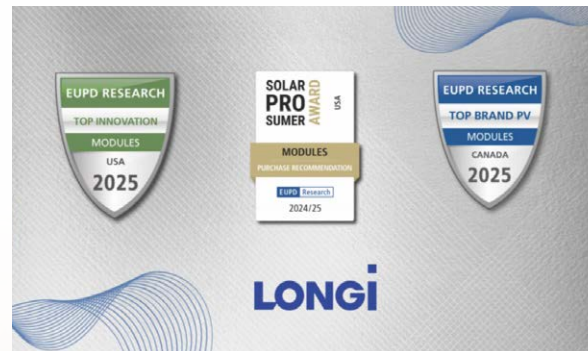
CC3 Organization	Sales managers, delivery managers, and solutions managers directly provide LONGi service support.
Service Hotline	4008-601012
Official Website	https://www.longi.com/en/
LONGi Mailbox	customer@longi.com

During the Reporting Period, LONGi Leye established a full-process, closed-loop mechanism of “Rapid Response – Precise Resolution – Follow-up and Feedback”. This mechanism covers core service standards such as remote diagnostics and on-site operations and maintenance, significantly improving the efficiency of customer issue resolution. The Company has continuously maintained its five-star post-sales service certification, transforming its service advantages into market competitiveness and demonstrating its role as an industry benchmark.

Customer Satisfaction

LONGi places great importance on customer feedback and requests, having established diversified communication channels and a systematic customer satisfaction management mechanism. Through regular and ad-hoc customer surveys and follow-up visits, feedback is collected across dimensions such as overall service, timeliness, professionalism, and service attitude. The effectiveness of corrective measures is then evaluated in regular review meetings to drive continuous improvement. Based on survey results, the Company formulates and implements targeted optimization measures, effectively transforming customer feedback into actionable steps for service enhancement, thereby continuously improving customer satisfaction and experience.

During the Reporting Period, LONGi was awarded the “Top Brand PV Canada” and “Solar Prosumer Award” by the research institute EUPD Research. These accolades highlight the reliability of its products and the trust of its customers, and they reflect the Company’s outstanding contributions to promoting the widespread adoption of photovoltaics and empowering users to actively participate in the energy production and consumption transition.



Awards Granted by EUPD Research

Responsible Marketing

LONGi upholds the principles of responsible marketing, strictly complying with the *Advertising Law of the People's Republic of China* and relevant laws and regulations in all operating locations. The Company has established a review and supervision mechanism for marketing materials that covers the entire process, requiring all external promotional content to be approved by authorized management personnel before publication to ensure that all publicity is compliant, truthful, and transparent.

The Company simultaneously strengthens its capacity-building for responsible marketing and raises employee awareness through diverse promotional and educational activities. This includes implementing the “Iron Triangle” capability enhancement project for front-line sales teams and conducting systematic marketing training for new employees that covers corporate culture, product knowledge, and sustainable development concepts. These initiatives enhance employees’ ability to identify and prevent risks associated with responsible marketing, ensure the compliance of sales and promotional activities, and advocate for sustainable consumption in society.

Targets and Performance



Customer Service Targets

- Maintain customer satisfaction³⁴ at “Excellent” or above

Customer Service Performance

During the Reporting Period, LONGi’s series of customer relationship management initiatives yielded positive results.

Customer complaint
response rate

100%



Four systematic satisfaction surveys were
conducted, resulting in a customer satisfaction
score of 75.8%, reaching the “Outstanding” level.

75.8%



Company marketing-related
violations

0



34. LONGi’s customer satisfaction is graded on five levels: Fair, Good, Very Good, Excellent, and Outstanding.

Appendix

ESG Performance Summary

Corporate Governance

Indicator	Unit	2025	2024	2023
Operating Revenue	RMB 100 Million	703.47	825.82	1,294.98
Net Profit Attributable to Shareholders of the Listed Company ³⁵	RMB 100 Million	-64.20	-85.92	107.80
Basic Earnings per Share ³⁵	RMB/share	-0.85	-1.14	1.42
Total Assets ³⁵	RMB 100 Million	1,538.04	1,528.41	1,639.41
Weighted Average Return on Equity ³⁵	%	-11.15	-13.07	16.24
Number of Independent Directors on the Board	Persons	3	3	3
Number of Female Board Members	Persons	2	1	2

Business Ethics

Indicator	Unit	2025	2024	2023
Integrity Training and Promotion	Sessions	3,000	4,447	1,205
Coverage Rate of Anti-corruption Training for Employees	%	100	100	100
Coverage Rate of Business Ethics Risk Assessment	%	100	100	/
Coverage Rate of Business Ethics Training (Board, Employees, Suppliers)	%	100	100	100
Business Ethics Training Hours per Employee	Hours	1	1	/
Illegal Cases Resulting from Fraud and Corruption	Cases	0	0	0
Number of Anonymous Complaints and Reports on Business Ethics	Cases	363	257	362
Handling Rate of Anonymous Complaints and Reports on Business Ethics	%	100	100	100
Number of Non-Anonymous Complaints and Reports on Business Ethics	Cases	187	154	121
Handling Rate of Non-Anonymous Complaints and Reports on Business Ethics	%	100	100	100

³⁵ Due to a change in accounting policies, the Company has restated the data for the comparable periods in the 2023 and 2024 financial statements. All data presented above reflects the retrospectively adjusted figures.

Data Security and Privacy Protection

Indicator	Unit	2025	2024	2023
Significant Information Security Incidents	Cases	0	0	/
Incidents of Information Security and Privacy Breach	Cases	0	0	0
Information Security Training Coverage for Professional IT Technicians	%	100	100	/

Innovation-driven and Intelligent Manufacturing

Indicator	Unit	2025	2024	2023
Investment in R&D	RMB 100 Million	42.99	50.14	77.21
Ratio of Investment in R&D to Revenue	%	6.11	6.07	5.96
Number of Patents Granted Annually	Number	583	598	767
Total Number of Patents Granted	Number	3,690	3,342	2,879
Response Rate for Customers' Requests for Technical Support	%	100	100	100
Acceptance Rate for Customers' Requests for Technical Support	%	100	100	100
Product Recalls	Incidents	0	0	0
Customer Satisfaction ³⁶	%	75.8	74.9	/

Climate Change and Clean Technology R&D

Indicator	Unit	2025	2024	2023
Percentage of Operating Sites That Have Undergone Specific Environmental Risk Assessments	%	100	100	100
Coverage Rate of Employees Trained on Specific Environmental Issues	%	100	100	100
Total GHG Emissions	tCO ₂ e	30,569,694.57	30,528,707.91	42,046,620.25

36. LONGi's customer satisfaction is graded on five levels: Fair: result <20%; Good: 20% < result < 30%; Very Good: 30% < result < 50%; Excellent: 50% < result < 60%; and Outstanding: result ≥60%.

Climate Change and Clean Technology R&D

Indicator	Unit	2025	2024	2023
Scope 1 GHG Emissions	tCO ₂ e	70,947.22	85,225.87	135,747.14
Scope 2 GHG Emissions ³⁷	tCO ₂ e	2,863,600.19	3,099,555.92	4,920,831.48
Scope 3 GHG Emissions	tCO ₂ e	27,635,147.16	27,343,926.12	36,990,041.63
- Total Upstream Scope 3 GHG Emissions	tCO ₂ e	25,021,274.00	25,078,254.37	36,458,752.43
- Total Downstream Scope 3 GHG Emissions	tCO ₂ e	2,613,873.17	2,265,671.75	531,289.20
GHG Emissions within the Scope of Operations	tCO ₂ e	2,934,547.41	3,184,781.79	5,056,578.62

Water and Effluents

Indicator	Unit	2025	2024	2023
Total Water Withdrawal	kt	44,748.44	43,319.39	52,644.61
Alternative Water Source - Reclaimed Water Withdrawal ³⁸	kt	21,912.05	24,315.86	28,333.33
Alternative Water Source - Rainwater Withdrawal	kt	14.57	35.95	/
Total Water Consumption	kt	10,840.34	8,466.12	10,922.80
Total Water Withdrawal Intensity	kt / RMB Million Revenue	0.64	0.52	0.41
Ultrapure Water Withdrawal	kt	23,807.13	22,690.81	28,728.10
Reclaimed Water Reuse Rate	%	49.00	56.13	53.82
Water Savings (Domestic Production Bases Only)	kt	12,083.86	11,882	5,529
Wastewater Discharge	kt	33,204.58	34,853	42,351
Wastewater Discharge (Municipal Wastewater)	kt	31,513.08	32,719	39,329
Wastewater Discharge (Surface Water)	kt	1,691.50	2,135	3,022

37. Scope 2 is based on market-based greenhouse gas performance. Additionally, in 2025, LONGi used the emission factors from the *Announcement on the Release of 2023 Carbon Dioxide Emission Factors for Electricity* to calculate greenhouse gases.

38. Includes only reclaimed water and concentrated water reuse volumes.

Water and Effluents

Indicator	Unit	2025	2024	2023
COD Discharge	t	1,158.40	2,847	3,648
Ammonia Nitrogen Discharge	kg	23,153.87	108,235	72,252
Total Phosphorus Discharge	kg	3,815.20	10,973	2,018
Suspended Solids Discharge	kg	205,558.68	709,323	580,921

Energy

Indicator	Unit	2025	2024	2023
Reduction Rate of the Group's Overall Electricity Consumption per Unit Compared to the Base Year (2020)	%	38.99	27.14	18.32
Comprehensive Energy Consumption	10,000 Tce	124.64	128.59	151.49
Direct Energy Consumption	10,000 Tce	0.53	0.51	0.72
Indirect Energy Consumption	10,000 Tce	124.11	128.08	153.88
Comprehensive Energy Consumption Intensity	10,000 Tce / RMB 100 Million	0.18	0.16	0.12
Renewable Electricity Consumption (Verified by a Third Party)	GWh	5,137	4,746	3,815
Percentage of Renewable Electricity Consumption	%	52.40	47.50	31.10
Electricity Saved (Domestic Production Bases Only)	GWh	1,663	1,049	1,064
Annual Electricity Savings from Monocrystalline Silicon	GWh	805	188	595
Annual Electricity Savings from Wafers	GWh	299	150	243
Annual Electricity Savings from Cells	GWh	498	671	143
Annual Electricity Savings from Modules	GWh	61	39	84

Pollution

Indicator	Unit	2025	2024	2023
Total Waste Gas Emissions	t	706.84	594.08	693.04
Nitrogen Oxide Emissions	t	45.63	45.46	149.92
Sulfur Oxide Emissions	t	0.63	0.93	59.44
Particulate Matter (PM) Emissions	t	331.73	305.00	278.43
Fluoride Emissions	t	58.66	49.85	33.81
Chlorine Gas Emissions	t	7.70	12.53	19.71
Ammonia Gas Emissions	t	46.10	43.41	15.73
VOC Emissions	t	216.39	136.90	136.00

Waste

Indicator	Unit	2025	2024	2023
Total Waste Generated	t	293,277.38	293,804.91	483,573.81
– Total Non-Hazardous Waste Generated	t	276,126.63	272,095.20	441,654.12
– Total Hazardous Waste Generated	t	17,150.75	21,709.71	41,919.69
Total Waste Recycled and Reused	t	244,151.32	225,236.69	324,498.35
– Total Non-Hazardous Waste Recycled and Reused	t	237,279.55	224,877.13	323,803.54
– Total Hazardous Waste Recycled and Reused	t	6,871.78	359.56	694.81
Rate of Waste Recycled and Reused	%	83.25	76.67	67.10
– Rate of Non-Hazardous Waste Recycled and Reused	%	85.93	82.70	73.30
– Rate of Hazardous Waste Recycled and Reused	%	40.46	1.66	1.66
Total Hazardous Waste Disposed	t	10,278.97	21,350.15	41,224.88
– Transfer Disposal (Landfill)	t	6,433.09	2,479.73	28,576.54
– Transfer Disposal (Incineration and Energy Recycling)	t	3,845.88	18,870.43	12,648.34

Waste

Indicator	Unit	2025	2024	2023
Total Non-Hazardous Waste Disposed	t	38,848.11	47,218.07	117,850.58
- Transfer Disposal (Landfill)	t	33,703.90	41,686.24	93,260.47
- Transfer Disposal (Incineration and Energy Recycling)	t	5,143.18	5,531.83	24,590.11

Human Capital Development

Indicator		Unit	2025	2024	2023
Number of Permanent Employees		Persons	32,775	37,853	75,066
Number of Employees by Gender	Male	Persons	24,536	28,196	55,033
	Female	Persons	8,239	9,657	20,033
Ethnic Minority Employees		Persons	3,382	4,290	8,790
Number of Employees by Region	Mainland China	Persons	30,721	34,483	64,971
	Hong Kong, Macau, and Taiwan	Persons	9	6	7
	Overseas	Persons	2,045	3,364	10,088
Number of Employees by Age Group	Under 30	Persons	11,107	14,488	39,861
	30-50	Persons	21,491	23,163	34,834
	Over 50	Persons	177	202	371
Number of Employees by Educational Attainment	Below Junior College	Persons	13,666	18,211	39,821
	Bachelor's Degree and Junior College	Persons	17,092	17,437	32,115
	Postgraduate Degree and Above	Persons	2,017	2,205	3,130
Percentage of Female Employees in Executive Management		%	23.41	21.68	20.27
Percentage of Female Employees in Junior Management		%	21.77	22.62	20.86
Percentage of Female Managers in Revenue-Generating Functions (E.g., Sales)		%	7.60	7.45	25.21
Total Overseas Employees Hired (non-Chinese Nationals)		Persons	2,045	3,364	10,088

Human Capital Development

Indicator		Unit	2025	2024	2023
Total Local Employees Hired at Overseas Bases		Persons	2,011	2,727	9,872
Number of New Employees		Persons	7,719	28,294	35,779
Number of New Employees by Gender	Male	Persons	6,127	22,506	26,727
	Female	Persons	1,592	5,788	9,062
Number of New Employees by Age Group	Under 30	Persons	3,996	15,657	23,704
	30-50 Years Old	Persons	3,699	12,612	12,013
	Over 50 Years Old	Persons	24	25	62
Social Insurance Coverage Rate		%	100	100	100
Total Number of Employees Trained		Persons	32,775	37,853	75,056
Total Annual Training Hours		Ten Thousand Hours	80.33	84.32	107.82
Annual Training Hours per Capita ³⁹		Hours	24.50	22.28	14.37
Coverage Rate of Leadership Training for Managers at All Levels		%	100	100	100
Adverse Human Rights Incidents, Including Child Labour, Forced Labour, and Discrimination		Incidents	0	0	0
Coverage Rate of Regular Employee Performance Evaluations		%	100	100	100
Labour Union Membership Rate		%	100	100	100
Employee Satisfaction		Points	92.18	91.03	91.97
Male-To-Female Salary Ratio		%	116	106	/

Occupational Health and Safety

Indicator		Unit	2025	2024	2023
Total Hours of Occupational Health and Safety Training		Thousand Hours	1,967.33	2,097.00	2,898.90
Average EHS Training Hours per Employee		Hours	51.39	53.08	37.38
Number of Occupational Health and Safety Training Sessions		Sessions	2,157	5,375	4,831

³⁹To more accurately reflect efficient learning outcomes, the statistical methodology for 'document content learning duration' in this year's report has been optimized and adjusted. The relevant training duration data for 2024 and 2023 has been retrospectively adjusted accordingly.

Occupational Health and Safety

Indicator	Unit	2025	2024	2023
Number of Emergency Drills	Times	1,915	2,131	2005
Annual Safety Hazards Rectification Rate	%	99.62	99.51	82.57
Number of Recordable Work-Related Injuries (Production Safety Accidents)	Persons	37	59	17
Days Lost Due to Work-Related Injuries	Days	444	480	353
Work-Related Fatalities	Persons	0	0	/
Contractor Fatalities	Persons	0	0	/

Sustainable Supply Chain

Indicator	Unit	2025	2024	2023
Total Number of Suppliers	Number	3,298	3,822	4,767
Number of Suppliers (Mainland China)	Number	2,980	3,379	3,999
Number of Suppliers (Hong Kong, Macao, and Taiwan)	Number	9	14	21
Number of Suppliers (Overseas)	Number	309	429	747
Tier 1 Suppliers	Number	1,225	3,666	4,575
Non-Tier 1 Suppliers	Number	2,075	156	192
Critical Suppliers	Number	146	258	286
Critical Tier 1 Suppliers	Number	97	135	155
Critical non-Tier 1 Suppliers	Number	49	123	131
Signing Rate of Supplier Code of Conduct	%	100	100	100
Amount Coverage by Supplier ESG Due Diligence Audits	%	90	91	83
Number of Certified Suppliers (ISO 45001)	Number	1,247	1,575	2,014
Number of Certified Suppliers (ISO 14001)	Number	1,319	1,663	2,271
Number of Certified Suppliers (ISO 9001)	Number	1,790	2,208	3,519

Sustainable Supply Chain

Indicator	Unit	2025	2024	2023
New Suppliers Screened by ESG Criteria (Social)	%	100	100	100
New Suppliers Screened by ESG Criteria (Environmental)	%	100	100	100
Total Hours of Supplier Training	Hours	65.5	145	608
Number of Supplier Training Attendees	Attendees	1,798	1,295	5,993
Total Number of Supplier Training Sessions	Sessions	52	65	258
Coverage Rate of Procurement Staff Receiving Sustainable Procurement Training	%	100	100	100

Social contribution

Indicator	Unit	2025	2024	2023
Value of Charitable Donations	RMB 10,000	1,416.17	7,847.14	1,275.92
Amount of Public Welfare Investment in Rural Revitalization	RMB 10,000	6,917.94	2,888.68	/
Number of Beneficiaries from Rural Revitalization	Persons	69,480	25,000	/

ESG-Related Certifications

For certification certificates, please refer to the Company's official website: <https://www.longi.com/cn/download/?categoryId=320>

Certification System	Details
ISO 14001	100% Coverage of ISO 14001 Environmental Management System Certification for Production Bases
ISO 9001	100% Coverage of ISO 9001 Quality Management System Certification for Production Bases
ISO 50001	100% Coverage of ISO 50001 Energy Management System Certification for Production Bases
ISO 45001	100% Coverage of ISO 45001 Occupational Health and Safety Management System Certification for Production Bases
ISO 14064	100% Coverage of ISO 14064 Greenhouse Gas Carbon Audit Statements for Production Bases
ISO 14068	Jiaxing LONGi Leye Photovoltaic Technology Co., Ltd. Obtained an ISO 14068 Carbon Neutrality Statement
ISO 14068	Wuhu LONGi Photovoltaic Technology Co., Ltd. Obtained an ISO 14068 Carbon Neutrality Statement
ISO 37301	Obtained ISO 37301 Compliance Management System certification
ISO 37001	Obtained ISO 37001 Anti-Bribery Management System certification
ISO 27001	All IT infrastructure and information systems have passed ISO 27001 and ISO 27701 system certifications.
IEC 61730 Photovoltaic (PV) Module Safety Qualification	All LONGi's module products have obtained IEC 61730 photovoltaic (PV) module safety qualification.
IEC 62941 Terrestrial Photovoltaic (PV) Modules – Quality System for PV Module Manufacturing Certificate	Module Products obtained the IEC 62941 terrestrial photovoltaic (PV) modules – quality system for PV module manufacturing certificate.
PV CYCLE LEED Certification	LONGi obtained PV CYCLE's LEED certification.
Green Factory	13 sites have been certified as national, provincial, or municipal-level green factories.
National Green Supply Chain Management Enterprise	Obtained by LONGi Green Energy Technology Co., Ltd.
National Green Design Demonstration Enterprise for Industrial Products	Obtained by LONGi Green Energy Technology Co., Ltd.

Sustainable Development Goals and Progress Tracking

→ In Progress ✓ Achieved

Topic	UN SDG Contribution	2025 Target ⁴⁰	2025 Performance		Implementation Progress
 Climate Change and Clean Technology R&D	 	Decrease Scope 1 and 2 emissions by 60% by 2030 compared to 2020	Scope 1 and 2 emissions increased by compared to 2020 14.1%	decrease compared to 2024 7.9%	
		By 2030, decrease the Scope 3 emissions intensity per ton of purchased goods and services by 52% compared to 2020	39.2%		
 Energy	  	Decrease the Group's overall electricity consumption per unit by 12% compared to 2024	16.26%		
		Complete the deployment of the energy management system by 2026	Advancing the deployment of the energy management system		
		Achieve 70% renewable electricity use by 2027 Achieve 100% renewable electricity use by 2028	52.4%		
		Install charging facilities at 100% of production and operation sites by 2030	80.6%		
 Water and Effluents	  	Decrease the Group's overall water consumption per unit by 18% compared to 2024	24.8%		
		Ensure COD discharge concentrations are 30% stricter than the discharge standard by 2025	≥30%		

40. Unless a specific target year is clearly indicated for special medium- and long-term sustainability goals, all targets are for the Year 2025.

→ In Progress ✓ Achieved

Topic	UN SDG Contribution	2025 Target ⁴⁰	2025 Performance	Implementation Progress
Pollution		Ensure VOCs emission concentrations are 30% stricter than the emission standard by 2025	≥30%	✓
		Zero environmental penalty incidents	0	✓
Waste		Achieve a non-hazardous waste recycling rate of at least 80%	85.8%	✓
Resource Use and Circular Economy		Promote the circular economy for modules	Advance the construction of a thousand-ton-level module recycling and dismantling demonstration line	→
Biodiversity and Ecosystems		No production bases or operating sites are located in ecological redline areas	0	✓
		Achieve the targets of “No Net Loss” of biodiversity and “Zero Deforestation” by 2050 Achieve the “Net Positive Impact” target by 2060	Commit to achieving zero deforestation and not conducting or participating in activities that lead to the destruction of natural forests All production, operation, and project development activities have not caused any net loss of biodiversity	→
Innovation-driven and Intelligent Manufacturing		Maintain the R&D to revenue ratio at over 5%	6.11%	✓
Product Quality and Safety		No major product recall incidents	0	✓
		No major or significant product safety accidents or administrative penalties	0	✓
Customer Relationship Management		Maintain customer satisfaction ⁴¹ at “excellent” or above	75.8%	✓

41. LONGi's customer satisfaction is graded on five levels: Fair: result <20%; Good: 20% ≤ result < 30%; Very Good: 30% ≤ result < 50%; Excellent: 50% ≤ result < 60%; Outstanding: result ≥60%.

→ In Progress ✓ Achieved

Topic	UN SDG Contribution	2025 Target ⁴⁰	2025 Performance	Implementation Progress
Sustainable Supply Chain	 	100% signing rate for the Supplier Code of Conduct and Integrity Agreements	100%	✓
		100% coverage in screening and evaluating new suppliers using environmental and social standards	environmental 100% social 100%	✓
		100% due diligence coverage for conflict minerals among key suppliers	100%	✓
		Zero conflict minerals procured and zero operating revenue from products containing conflict minerals	0	✓
		100% due diligence coverage for high-risk suppliers	100%	✓
		100% coverage of key suppliers undergoing third-party audits every 3 years (2024–2027)	67%	→
		72% completion rate for supplier corrective action plans (caps) by their due dates	100%	✓
		By 2028, the procurement value from key Tier 1 suppliers participating in LONGi's ESG capacity building will account for 95% of the total procurement value from all key Tier 1 suppliers.	76%	→
Labour Rights	 	Conduct human rights compliance audits across all business units	100%	✓
		No negative human rights incidents, including child labour, forced labour, or discrimination	0	✓
Occupational Health and Safety		100% coverage for occupational health and safety training	100%	✓
		Zero work-related fatalities	0	✓

→ In Progress ✓ Achieved

Topic	UN SDG Contribution	2025 Target ⁴⁰	2025 Performance	Implementation Progress
Human Capital Development		100% collective agreement signing rate	100%	✓
		100% social insurance coverage	100%	✓
		100% coverage for management leadership training	100%	✓
Compliance and Risk Management		No major compliance violations	0	✓
Business Ethics		100% signing rate for Integrity Commitments from executives and employees	100%	✓
		Full coverage of business ethics training:	Board of Directors Employees Suppliers	✓
		- Board of Directors: 100% - Employees: 100% - Suppliers: 100%	100% 100% 100%	
		100% resolution rate for business ethics complaints	100%	✓
		100% coverage for business ethics audits	100%	✓
		No major business ethics incidents such as fraud, corruption, or unfair competition	0	✓
		No litigation or administrative penalties arising from unfair competition	0	✓
Data Security and Privacy Protection		No major information security incidents	0	✓
		No privacy breaches involving customers, suppliers, or employees	0	✓

Application of Reporting Standards

In 2025, new progress was made in global regulatory rules and standard frameworks for sustainability information disclosure, and LONGi strictly complied with or actively referenced the relevant rules and frameworks in preparing this Report.

Shanghai Stock Exchange SSE Guidelines for the Self-Regulation of Listed Companies No. 14 – Sustainability Reports (for Trial Implementation)

On 12 April 2024, the Shanghai Stock Exchange officially issued the *Shanghai Stock Exchange Guidelines for the Self-Regulation of Listed Companies No. 14 – Sustainability Reports (for Trial Implementation)* (hereinafter referred to as the ‘Guidelines’), which came into effect on 1 May of the same year. The Guidelines standardize the disclosure of sustainability-related information by listed companies in China, promoting their high-quality development and enhancing their investment value. The Guidelines stipulate that constituent companies of the SSE 180 Index and STAR 50 Index⁴², as well as companies listed both domestically and overseas (i.e., mandatory disclosing entities), must disclose a *Sustainability Report* in accordance with these Guidelines, with the first disclosure for the 2025 fiscal year due by 30 April 2026 at the latest.

As a constituent company of the SSE 180 Index, LONGi meets the criteria for a mandatory disclosing entity under the Guidelines and has prepared this Report in strict accordance with their requirements (see the index table in the appendix). In the future, the Company will continue to fulfill its disclosure obligations for subsequent years as required by the Guidelines and strictly adhere to the relevant regulations of the Shanghai Stock Exchange regarding sustainability information disclosure.

China's Unified Corporate Sustainability Disclosure Standards (Ministry of Finance)

Following the issuance of the first set of standards by the ISSB, China's Ministry of Finance, in collaboration with relevant departments, established an inter-departmental working group to develop unified national sustainability disclosure standards based on the ISSB Standards, incorporating their valuable experience while conforming to China's national conditions and highlighting Chinese characteristics. On 17 December 2024, the Ministry of Finance, together with relevant departments, released the *Corporate Sustainability Disclosure Standards – Basic Standard (for Trial Implementation)* (Cai Kuai [2024] No. 17), officially kicking off the construction of China's unified sustainability disclosure standards system. On 25 December 2025, building on the *Basic Standard*, the Ministry of Finance and relevant departments released the *Corporate Sustainability Disclosure Standard No. 1 – Climate (for Trial Implementation)* (Cai Kuai [2025] No. 34), also known as the ‘Climate Standard’. Currently, the Ministry of Finance has not yet specified the scope and requirements for the implementation of the *Basic Standard* and the *Climate Standard*, and Chinese enterprises may adopt them on a voluntary basis.

In preparing this report, we have actively referenced relevant regulations such as the *Basic Standard* and the *Climate Standard*, and in identifying sustainability risks, opportunities, and impacts; determining the scope of value chains; preparing information on the expected financial impacts of sustainability risks or opportunities; and applying the principle of proportionality, which involves using reasonable and supportable information available in the report without undue cost or effort. Looking ahead, the Company will continue to monitor the development of the *Corporate Sustainability Disclosure Standards* and proactively reference new standards when preparing its sustainability reports. Once the Ministry of Finance issues clear implementation requirements for the *Corporate Sustainability Disclosure Standards*, we will also strictly comply.

42. Index constituent companies are companies that have been continuously included in the relevant index throughout the Reporting Period.

International Sustainability Standards Board (ISSB) IFRS Sustainability Disclosure Standards

On 26 June 2023, the International Sustainability Standards Board (ISSB) under the IFRS Foundation officially released its inaugural standards—*IFRS S1 General Requirements for Disclosure of Sustainability-related Financial Information* and *IFRS S2 Climate-related Disclosures*, heralding a new era for sustainability-related disclosures in global capital markets. These standards will help enhance trust and confidence in corporate sustainability disclosures, thereby providing a basis for investment decisions.

Given that IFRS S1 and IFRS S2 are not mandatory in themselves, their enforcement depends on adoption and local legislation by national or regional regulatory bodies. Therefore, LONGi has applied the ISSB Standards on a reference basis only when preparing this Report. Subsequently, the Company will closely monitor the progress of China's relevant standard-setting bodies (i.e., the Ministry of Finance) in developing and implementing sustainability disclosure standards and will adjust the preparation of our Sustainability Report in a timely manner according to Chinese regulatory requirements.

Sustainability Accounting Standards Board (SASB) *Solar Technology & Project Developers Industry Standard*

The Sustainability Accounting Standards Board (SASB) Standards are a set of industry-specific disclosure standards for sustainability-related topics covering 77 industries across 11 sectors. In June 2021, the International Integrated Reporting Council (IIRC) and SASB merged to form the Value Reporting Foundation (VRF); in August 2022, the IFRS Foundation consolidated the VRF, and the International Sustainability Standards Board (ISSB) officially assumed responsibility for managing the SASB Standards. IFRS S1 requires that when an entity identifies sustainability-related risks and opportunities that could reasonably be expected to affect its prospects, it must refer to and consider the applicability of the disclosure topics in the SASB Standards.

In June 2023, the ISSB amended the climate-related topics and metrics within the SASB Standards to maintain consistency with the industry-based implementation guidance accompanying IFRS S2. In December 2023, the ISSB revised non-climate-related topics and metrics as part of a project related to the "International Applicability of the SASB Standards". In line with LONGi's business characteristics, we have primarily referenced the *Solar Technology & Project Developers Industry Standard* from this version when preparing this Report (see the index table).

We have noted that on 3 July 2025, the ISSB released the *Exposure Draft of Amendments to SASB Standards* and the *Exposure Draft of Amendments to the Industry-based Guidance on Implementing IFRS S2*, with the comment period ending on 30 November 2025. As of the date of this Report's publication, the ISSB has not yet released the final revised versions. Subsequently, the Company will closely monitor the progress of the ISSB's revisions to the SASB Standards and will apply the latest version of the *Solar Technology & Project Developers Industry Standard* in a timely manner.

Global Reporting Initiative (GRI) Sustainability Reporting Standards

The GRI Standards are one of the most widely used sustainability reporting standards globally. Since publishing its first *Corporate Social Responsibility (CSR) Report* (for the 2018 fiscal year), LONGi has consistently referenced the GRI Standards for reporting relevant information. This Report continues to reference the GRI Standards, disclosing information cited in the GRI index (see the index table in the appendix).

We note that *GRI 101: Biodiversity 2024* will take effect on 1 January 2026, while *GRI 102: Climate Change 2025* and *GRI 103: Energy 2025* will take effect on 1 January 2027. The Company will promptly apply the new standards after they officially take effect and will adjust or supplement its disclosures accordingly. Furthermore, we are committed to achieving the "in accordance with" level for preparing sustainability reports based on the GRI Standards in the future.

Index of Indicators

Shanghai Stock Exchange *Guidelines for the Self-Regulation of Listed Companies No. 14 – Sustainability Reports (for Trial Implementation)*

Disclosure Requirement	Clause	Corresponding Section in This Report
Chapter III Environmental Disclosure		
Section 1 Climate Response	Article 20	Climate Change and Clean Technology R&D
	Article 21	Climate Change and Clean Technology R&D
	Article 22	Climate Change and Clean Technology R&D
	Article 23	Climate Change and Clean Technology R&D
	Article 24	Climate Change and Clean Technology R&D
	Article 25	Climate Change and Clean Technology R&D
	Article 26	Climate Change and Clean Technology R&D
	Article 27	Climate Change and Clean Technology R&D
	Article 28	Climate Change and Clean Technology R&D
Section 2 Pollution Control and Ecosystem Protection	Article 29	Water and Effluents Pollution Waste Biodiversity and Ecosystems
	Article 30	Water and Effluents Pollution
	Article 31	Waste
	Article 32	Biodiversity and Ecosystems
	Article 33	Climate Change and Clean Technology R&D Water and Effluents Pollution Waste Biodiversity and Ecosystems
Section 3 Resource Use and Circular Economy	Article 34	Climate Change and Clean Technology R&D Water and Effluents Resource Use and Circular Economy
	Article 35	Climate Change and Clean Technology R&D
	Article 36	Water and Effluents
	Article 37	Resource Use and Circular Economy

Disclosure Requirement	Clause	Corresponding Section in This Report
Chapter IV Social Disclosure		
Section 1 Rural Revitalization and Social Contribution	Article 38	Social Contribution
	Article 39	Social Contribution
	Article 40	Social Contribution
Section 2 Innovation-Driven Development and Ethics of Science and Technology	Article 41	Innovation-driven and Intelligent Manufacturing
	Article 42	Innovation-driven and Intelligent Manufacturing
	Article 43	Not Applicable
Section 3 Suppliers and Customers	Article 44	Sustainable Supply Chain Product Quality and Safety Customer Relationship Management
	Article 45	Sustainable Supply Chain
	Article 46	Sustainable Supply Chain
	Article 47	Product Quality and Safety
	Article 48	Customer Relationship Management Data Security and Privacy Protection
Section 4 Employees	Article 49	Labour Rights Occupational Health and Safety Human Capital Development
	Article 50	Labour Rights Occupational Health and Safety Human Capital Development
Chapter V Corporate Governance Information Related to Sustainable Development Disclosure		
Section 1 Sustainability-Related Governance Mechanisms	Article 51	Sustainability Management
	Article 52	Sustainability Due Diligence
	Article 53	Stakeholder Management
Section 2 Business Conduct	Article 54	Business Ethics
	Article 55	Business Ethics
	Article 56	Business Ethics

GRI Sustainability Reporting Standards

- ◆ Statement of use: LONGi has reported the information referenced in this GRI content index in accordance with the GRI Standards for the period 1 January 2025 to 31 December 2025.
- ◆ The GRI 1 used is GRI 1: Foundation 2021

Disclosure Topic/Number	Disclosure	Corresponding Section in This Report
GRI 2: General Disclosures 2021		
The Organization and Its Reporting Practices		
2-1	Organizational Details	About This Report
2-2	Entities Included in the Organization's Sustainability Reporting	About This Report
2-3	Reporting Period, Frequency and Contact Point	About This Report
2-4	Restatements of Information	ESG Performance Summary
2-5	External Assurance	Third-Party Assurance Report
GRI 2: General Disclosures 2021		
Activities and Workers		
2-6	Activities, Value Chains, and Other Business Relationships	Company Profile Business Layout
2-7	Employees	Human Capital Development ESG Performance Summary
2-8	Non-Employee Workers	Sustainable Supply Chain
Governance		
2-9	Governance Structure and Composition	Corporate Governance
2-10	Nomination and Selection of the Highest Governance Body	Corporate Governance
2-11	Chair of the Highest Governance Body	Corporate Governance
2-12	Role of the Highest Governance Body in Overseeing the Management of Impacts	Sustainability Management
2-13	Delegation of Responsibility for Managing Impacts	Sustainability Management
2-14	Role of the Highest Governance Body in Sustainability Reporting	Sustainability Management

Disclosure Topic/Number	Disclosure	Corresponding Section in This Report
2-15	Conflicts of Interest	Business Ethics
2-16	Communication of Critical Concerns	Stakeholder Management
2-17	Collective Knowledge of the Highest Governance Body	Sustainability Management
2-18	Evaluation of the Performance of the Highest Governance Body	Sustainability Management
2-19	Remuneration Policy	Corporate Governance
2-20	Process for Determining Remuneration	Corporate Governance
2-21	Annual Total Compensation Ratio	Omitted due to confidentiality requirements
Strategy, Policies, and Practices		
2-22	Statement on Sustainable Development Strategy	Sustainability Management
2-23	Policy Commitments	Business Ethics Climate Change and Clean Technology R&D Pollution Waste Biodiversity and Ecosystems Labour Rights Human Capital Development Sustainable Supply Chain
2-24	Embedding Policy Commitments	Business ethics Climate Change and Clean Technology R&D Pollution Waste Biodiversity and Ecosystems Labour Rights Human Capital Development Sustainable Supply Chain
2-25	Procedures for Remedying Negative Impacts	Business ethics Biodiversity and Ecosystems Labour Rights Human Capital Development Sustainable Supply Chain Customer Relationship Management
2-26	Mechanisms for Seeking Advice and Raising Concerns	Stakeholder Management
2-27	Compliance with Laws and Regulations	Refer to the Management Sections for Each Topic Within the Report
2-28	Membership Associations	Stakeholder Management Climate Change and Clean Technology R&D Resource Use and Circular Economy
2-29	Methods for Stakeholder Engagement	Stakeholder Management
2-30	Collective Bargaining Agreements	Human Capital Development
GRI 3: Material Topics 2021		
3-1	Process for Determining Material Topics	Materiality Assessment
3-2	List of Material Topics	Materiality Assessment
3-3	Management of Material Topics	Materiality Assessment

Disclosure Topic/Number	Disclosure	Corresponding Section in This Report
Economic		
GRI 201: Economic Performance		
3-3	Management of Material Topics	Materiality Assessment
201-1	Direct Economic Value Generated and Distributed	ESG Performance Summary
201-2	Financial Implications and Other Risks and Opportunities Due to Climate Change	Climate Change and Clean Technology R&D
201-3	Defined Benefit Plan Obligations and Other Retirement Plans	Human Capital Development
GRI 202: Market Presence		
3-3	Management of Material Topics	Materiality Assessment
202-1	Ratio of Standard Entry-Level Wage by Gender to Local Minimum Wage	Omitted due to confidentiality requirements
202-2	Proportion of Senior Management Hired from the Local Community	Omitted due to confidentiality requirements
GRI 203: Indirect Economic Impacts		
3-3	Management of Material Topics	Materiality Assessment
203-1	Infrastructure Investment and Support Services	[2025] Deepening Cultivation: Moving Toward a Quality Revolution in Rural Photovoltaics
203-2	Significant Indirect Economic Impacts	[2025] Deepening Cultivation: Moving Toward a Quality Revolution in Rural Photovoltaics Social Contribution
GRI 204: Procurement Practices		
3-3	Management of Material Topics	Materiality Assessment Sustainable Supply Chain
204-1	Proportion of Spending on Local Suppliers	Omitted due to confidentiality requirements
GRI 205: Anti-Corruption		
3-3	Management of Material Topics	Materiality Assessment Business Ethics
205-1	Operations Assessed for Risks Related to Corruption	Business Ethics
205-2	Communication and Training on Anti-Corruption Policies and Procedures	Business Ethics
205-3	Confirmed Incidents of Corruption and Actions Taken	Business Ethics

Disclosure Topic/Number	Disclosure	Corresponding Section in This Report
GRI 206: Unfair Competition		
3-3	Management of Material Topics	Materiality Assessment Business Ethics
206-1	Litigation Regarding Unfair Competition, Anti-Trust, and Anti-Monopoly Practices	Business Ethics
Environment		
GRI 301: Materials		
3-3	Management of Material Topics	Materiality Assessment Resource Use and Circular Economy
301-1	Weight or Volume of Materials Used	Omitted, unable to calculate
301-2	Recycled Input Materials Used	ESG Performance Summary
301-3	Reclaimed Products and Their Packaging Materials	Omitted, unable to calculate
GRI 302: Energy		
3-3	Management of Material Topics	Materiality Assessment Energy
302-1	Energy Consumption Within the Organization	Energy ESG Performance Summary
302-2	Energy Consumption Outside of the Organization	Omitted, difficult to obtain information
302-3	Energy Intensity	Energy ESG Performance Summary
302-4	Reduction of Energy Consumption	Energy
302-5	Reduction of Energy Requirements of Products and Services	Energy
GRI 303: Water and Effluents		
3-3	Management of Material Topics	Materiality Assessment Water and Effluents
303-1	Interactions with Water as a Shared Resource	Water and Effluents
303-2	Management of Water Discharge-Related Impacts	Water and Effluents
303-3	Water Withdrawal	ESG Performance Summary
303-4	Water Discharge	ESG Performance Summary
303-5	Water Consumption	ESG Performance Summary

Disclosure Topic/Number	Disclosure	Corresponding Section in This Report
GRI 304: Biodiversity		
3-3	Management of Material Topics	Materiality Assessment Biodiversity and Ecosystems
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Biodiversity and Ecosystems
304-2	Significant Impacts of Activities, Products, and Services on Biodiversity	Biodiversity and Ecosystems
304-3	Habitats Protected or Restored	Biodiversity and Ecosystems
GRI 305: Emissions		
3-3	Management of Material Topics	Materiality Assessment Climate Change and Clean Technology R&D
305-1	Direct (Scope 1) GHG Emissions	Climate Change and Clean Technology R&D ESG Performance Summary
305-2	Energy Indirect (Scope 2) GHG Emissions	Climate Change and Clean Technology R&D ESG Performance Summary
305-3	Other Indirect (Scope 3) GHG Emissions	Climate Change and Clean Technology R&D ESG Performance Summary
305-4	GHG Emissions Intensity	ESG Performance Summary
305-5	Reduction of GHG Emissions	Climate Change and Clean Technology R&D
305-6	Emissions of Ozone-Depleting Substances (ODS)	Omitted, not applicable
305-7	Nitrogen Oxides (NO _x), Sulfur Oxides (SO _x), and Other Significant Air Emissions	ESG Performance Summary
GRI 306: Waste		
3-3	Management of Material Topics	Materiality Assessment Waste Resource Use and Circular Economy
306-1	Waste Generation and Significant Waste-Related Impacts	Waste Resource Use and Circular Economy
306-2	Management of Significant Waste-Related Impacts	Waste Resource Use and Circular Economy
306-3	Waste Generated	ESG Performance Summary
306-4	Waste Diverted from Disposal	ESG Performance Summary
306-5	Waste Directed to Disposal	ESG Performance Summary

Disclosure Topic/Number	Disclosure	Corresponding Section in This Report
GRI 308: Supplier Environmental Assessment		
3-3	Management of Material Topics	Materiality Assessment Sustainable Supply Chain
308-1	New Suppliers That Were Screened Using Environmental Criteria	Sustainable Supply Chain
308-2	Negative Environmental Impacts in the Supply Chain and Actions Taken	Sustainable Supply Chain
Social		
GRI 401: Employment		
3-3	Management of Material Topics	Materiality Assessment Labour Rights Human Capital Development Sustainable Supply Chain
401-1	New Employee Hires and Employee Turnover	ESG Performance Summary
401-2	Benefits Provided to Full-Time Employees That Are Not Provided to Temporary or Part-Time Employees	Human Capital Development
401-3	Parental Leave	Human Capital Development
GRI 402: Labour/Management Relations		
3-3	Management of Material Topics	Materiality Assessment Human Capital Development
402-1	Minimum Notice Periods Regarding Operational Changes	Omitted due to information confidentiality requirements
GRI 403: Occupational Health and Safety		
3-3	Management of Material Topics	Materiality Assessment Occupational Health and Safety
403-1	Occupational Health and Safety Management System	Occupational Health and Safety
403-2	Hazard Identification, Risk Assessment, and Incident Investigation	Occupational Health and Safety
403-3	Occupational Health Services	Occupational Health and Safety
403-4	Occupational Health and Safety Matters: Worker Participation, Consultation, and Communication	Occupational Health and Safety
403-5	Employee Occupational Health and Safety Training	Occupational Health and Safety
403-6	Promotion of Worker Health	Occupational Health and Safety

Disclosure Topic/Number	Disclosure	Corresponding Section in This Report
403-7	Prevention and Mitigation of Occupational Health and Safety Impacts Directly Linked to Business Relationships	Occupational Health and Safety
403-8	Percentage of Employees Covered by the Occupational Health and Safety Management System	Occupational Health and Safety
403-9	Work-Related Injuries	Occupational Health and Safety ESG Performance Summary
403-10	Work-Related Health Issues	Occupational Health and Safety
GRI 404: Training and Education		
3-3	Management of Material Topics	Materiality Assessment Human Capital Development
404-1	Average Hours of Training per Year per Employee	Human Capital Development ESG Performance Summary
404-2	Employee Skill Enhancement Programs and Transition Assistance Programs	Human Capital Development
404-3	Percentage of Employees Receiving Regular Performance and Career Development Reviews	Human Capital Development
GRI 405: Diversity and Equal Opportunity		
3-3	Management of Material Topics	Materiality Assessment Corporate Governance Human Capital Development
405-1	Diversity of Governance Bodies and Employees	Corporate Governance Human Capital Development
405-2	Ratio of Basic Salary and Remuneration of Women to Men	Human Capital Development ESG Performance Summary
GRI 406: Non-Discrimination		
3-3	Management of Material Topics	Materiality Assessment Labour Rights
406-1	Incidents of Discrimination and Corrective Actions Taken	Labour Rights
GRI 407: Freedom of Association and Collective Bargaining		
3-3	Management of Material Topics	Materiality Assessment Labour Rights Sustainable Supply Chain
407-1	Operations and Suppliers Where the Right to Freedom of Association and Collective Bargaining May Be at Risk	Labour Rights Sustainable Supply Chain
GRI 408: Child Labour		
3-3	Management of Material Topics	Materiality Assessment Labour Rights Sustainable Supply Chain
408-1	Operations and Suppliers with Significant Risk for Incidents of Child Labour	Labour Rights Sustainable Supply Chain

Disclosure Topic/Number	Disclosure	Corresponding Section in This Report
GRI 409: Forced or Compulsory Labour		
3-3	Management of Material Topics	Materiality Assessment Labour Rights Sustainable Supply Chain
409-1	Operations and Suppliers with Significant Risk for Incidents of Forced or Compulsory Labour	Labour Rights Sustainable Supply Chain
GRI 413: Local Communities		
3-3	Management of Material Topics	Materiality Assessment Pollution Waste Biodiversity and Ecosystems
413-1	Operations with Local Community Engagement, Impact Assessments, and Development Programs	Pollution Waste Biodiversity and Ecosystems
413-2	Operations with Significant Actual and Potential Negative Impacts on Local Communities	Pollution Waste Biodiversity and Ecosystems
GRI 414: Supplier Social Assessment		
3-3	Management of Material Topics	Materiality Assessment Sustainable Supply Chain
414-1	New Suppliers That Were Screened Using Social Criteria	Sustainable Supply Chain
414-2	Negative Social Impacts in the Supply Chain and Actions Taken	Sustainable Supply Chain
GRI 416: Customer Health and Safety		
3-3	Management of Material Topics	Materiality Assessment Product Quality and Safety Customer Relationship Management
416-1	Assessment of Health and Safety Impacts of Product and Service Categories	Product Quality and Safety Customer Relationship Management
416-2	Incidents of Non-Compliance Concerning the Health and Safety Impacts of Products and Services	Product Quality and Safety Customer Relationship Management
GRI 418: Customer Privacy		
3-3	Management of Material Topics	Materiality Assessment Data Security and Privacy Protection
418-1	Substantiated Complaints Concerning Breaches of Customer Privacy and Losses of Customer Data	Data Security and Privacy Protection

Sustainability Accounting Standards Board (SASB)

Sustainability Disclosure Topic	Indicator Name	Unit of Measurement	Indicator Code	Corresponding Section of This Report
Energy Management in Manufacturing	Total energy consumption; (2) Percentage of grid electricity; (3) Percentage of renewable energy	Gigajoules (GJ), Percentage (%)	RR-ST-130a.1	Energy
Water Management in Manufacturing	Total water withdrawal; (2) Total water consumption; Percentage of each type of water withdrawn from areas with high/extremely high baseline water stress	Thousand Cubic Meters (M ³), Percentage (%)	RR-ST-140a.1	Water and Effluents
	Description of Water Resource Management Risks and an Explanation of Risk Mitigation Strategies and Practices	Not Applicable	RR-ST-140a.2	Water and Effluents
Hazardous Waste Management	Amount of hazardous waste generated; (2) Hazardous waste recycling and reuse rate	Tons (T), Percentage (%)	RR-ST-150a.1	Waste
	Number of reportable spills and cumulative spill volume; (2) Amount of spilled material recovered	Incidents, Kilograms (Kg)	RR-ST-150a.2	Waste
Ecological Impact of Project Development	Number of project delays related to ecological impacts; (2) Duration of delays	Times, Days	RR-ST-160a.1	Biodiversity and Ecosystems
	Explanation of Measures to Address Community and Ecological Impacts in Solar System Project Development	Not Applicable	RR-ST-160a.2	Biodiversity and Ecosystems
Management of Energy Infrastructure Integration & Related Regulations	Description of Risks Related to Integrating Solar Energy into Existing Energy Infrastructure and an Explanation of Risk Management Measures	Not Applicable	RR-ST-410a.1	Compliance and Risk Management
	Description of Risks and Opportunities Related to Energy Policy and an Explanation of Their Impact on Integrating Solar Energy into Existing Energy Infrastructure	Not Applicable	RR-ST-410a.2	Compliance and Risk Management

Sustainability Disclosure Topic	Indicator Name	Unit of Measurement	Indicator Code	Corresponding Section of This Report
Product End-of-life Management	Percentage of Products Sold That Are Recyclable or Reusable	Percentage (%)	RR-ST-410b.1	Resource Use and Circular Economy
	Weight of materials recovered at end-of-life; (2) Recycling rate	Tons (T), Percentage (%)	RR-ST-410b.2	Resource Use and Circular Economy
	Percentage of revenue from products containing IEC 62474 declarable substances, arsenic compounds, antimony compounds, or beryllium compounds	Percentage (%)	RR-ST-410b.3	Resource Use and Circular Economy
	Explanation of Product Design Methods and Strategies for High-Value Recycling	Not Applicable	RR-ST-410b.4	Resource Use and Circular Economy
Material Sourcing	Explanation of Risk Management Related to the Use of Key Materials	Not Applicable	RR-ST-440a.1	Sustainable Supply Chain
	Explanation of Environmental Risk Management Related to the Polysilicon Supply Chain	Not Applicable	RR-ST-440a.2	Sustainable Supply Chain

Activity Indicators	Indicator Type	Indicator Number	Corresponding Content
Total capacity of photovoltaic (PV) solar modules produced	Quantitative	RR-ST-000.A	86.58GW
Total capacity of completed solar energy systems	Quantitative	RR-ST-000.B	Not applicable; Does not involve photovoltaic power station construction.
Total project development assets	Quantitative	RR-ST-000.C	Not applicable; Does not involve project development.

Designation References in the Report

Abbreviation	Full Name	Relationship
LONGi Green Energy	LONGi Green Energy Technology Co., Ltd.	Entire Group / Headquarters
LONGi Solar	LONGi Solar Technology Co., Ltd.	A wholly-owned subsidiary of the Company
Lijiang LONGi	Lijiang LONGi Silicon Materials Co., Ltd.	A wholly-owned subsidiary of the Company
Huaping LONGi	Huaping LONGi Silicon Materials Co., Ltd.	A wholly-owned subsidiary of the Company
Malaysia Base	LONGi MALAYSIA SDN.BHD.	A wholly-owned subsidiary of the Company
Ordos LONGi	Ordos LONGi Silicon Materials Co., Ltd.	A wholly-owned subsidiary of the Company
Baoshan LONGi	Baoshan LONGi Silicon Materials Co., Ltd.	A wholly-owned subsidiary of the Company
Taizhou LONGi Solar	Taizhou LONGi Solar Technology Co., Ltd.	A wholly-owned subsidiary of LONGi Solar
Jiaxing LONGi Solar	Jiaxing LONGi Solar Technology Co., Ltd.	A wholly-owned subsidiary of LONGi Solar
Xi'an LONGi Solar	Xi'an LONGi Solar Technology Co., Ltd.	A wholly-owned subsidiary of LONGi Solar
Jiaxing LONGi Solar	Jiaxing LONGi Solar Technology Co., Ltd.	A wholly-owned subsidiary of LONGi Solar
Shaanxi LONGi Solar	Shaanxi LONGi Solar Technology Co., Ltd.	A wholly-owned subsidiary of LONGi Solar
Ordos LONGi PV	Ordos LONGi PV Technology Co., Ltd.	A wholly-owned subsidiary of LONGi Solar
Zhejiang LONGi Solar	Zhejiang LONGi Solar Technology Co., Ltd.	A wholly-owned subsidiary of LONGi Solar
Jiangsu LONGi Solar	Jiangsu LONGi Solar Technology Co., Ltd.	A wholly-owned subsidiary of LONGi Solar
LONGi CENTER	LONGi CENTER New Energy Co., Ltd.	A wholly-owned subsidiary of the Company
Xi'an LONGi Hydrogen Energy	Xi'an LONGi Hydrogen Energy Technology Co., Ltd.	A holding subsidiary of LONGi Green Energy Investment
NWWestern Vietnam	NWWestern Solar VIETNAM COMPANY LIMITED	A wholly-owned subsidiary of Hainan LONGi

Note: This table only includes company names that appear in this report.

Third-Party Assurance Report

SGS

ASSURANCE STATEMENT

REPORT ON SUSTAINABILITY ACTIVITIES IN THE LONGI GREEN ENERGY TECHNOLOGY CO.,LTD.'S SUSTAINABILITY REPORT FOR 2025

NATURE OF THE ASSURANCE/VERIFICATION

SGS-CSTC Standards Technical Services Co., Ltd. (hereinafter referred to as SGS-CSTC) was commissioned by LONGI Green Energy Technology Co., Ltd. (hereinafter referred to as LONGI) to conduct an independent assurance of the Sustainability Report for 2025 (Chinese version) for the period of January 1, 2025 to December 31, 2025.

INTENDED USERS OF THIS ASSURANCE STATEMENT

This Assurance Statement is provided with the intention of informing all LONGI's Stakeholders.

RESPONSIBILITIES

The sustainability information in the Sustainability Report for 2025 and its presentation are the responsibility of the Board of Directors and the management of LONGI. SGS-CSTC has not been involved in the preparation of any of the material included in the Sustainability Report for 2025.

Our responsibility is to express an opinion on the sustainability performance information within the scope of assurance based upon sufficient and appropriate objective evidence.

SGS-CSTC hereby states that it shall not be held responsible or liable for any direct, indirect, incidental, or consequential damages or losses arising from or in connection with the use of information provided in this report.

ASSURANCE STANDARDS, TYPE AND LEVEL OF ASSURANCE

The SGS Group ESG & Sustainability Report Assurance (SRA) protocols used to conduct assurance are based upon internationally recognised assurance standards including the ISAE 3000.

The assurance of this report has been conducted according to the following Assurance Standards:

Assurance Standard	Level of Assurance
ISAE 3000	Limited

SCOPE OF ASSURANCE

The scope of the assurance included evaluation of quality, accuracy and reliability of the performance information in the LONGI's Sustainability Report for 2025 and evaluation of adherence to the following reporting criteria:

Reporting Criteria
GRI Standards 2021 (With Reference to)
Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)
SASB Solar Technology & Project Developers Sustainability Accounting Standard (Version No. 2023-12)

SGS

Specific performance information and disclosure included in the validation scope

The verification covers the assessment process of material topics and the quality, accuracy, and reliability of designated performance information in the assessment report, as well as the validation of ESG data tables and accompanying notes' within the report, the key performance highlights are summarized as follows:

Environmental indicators	VOCs
	Total water withdrawal
	Wastewater discharge
	Total water consumption
	Ultrapure water withdrawal
	Amount of waste recycled and reused
	Amount of hazardous waste recycled and reused
Social indicators	Amount of disposal of non-hazardous waste
	-Transfer disposal (landfill)
	-Transfer disposal (incineration and energy recycling)
	Amount of disposal of hazardous waste
	-Transfer disposal (landfill)
Governance indicators	-Transfer disposal (incineration and energy recycling)
	Gender pay ratio
	Number of work-related fatalities
	Number of contractor fatalities
	Supplier management performance indicators (including: Tier 1 suppliers, key Tier 1 suppliers, key non-Tier 1 suppliers, number of key suppliers, and the proportion of procurement amount from key Tier 1 suppliers to the total procurement amount of key Tier 1 suppliers)

ASSURANCE METHODOLOGY

The assurance comprised a combination of pre-assurance research, interviews with relevant employees on-site from LONGI (headquarters level) at No.8369 Shangyuan Road, Economic and Technological Development Zone, Xi'an, Shaanxi, P.R. China, including documentation and record review and validation where relevant. This assurance engagement was restricted to the group level of LONGI and did not include traceability of all original data from subordinate institutions.

The procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for, a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.

LIMITATIONS AND MITIGATION

Data drawn directly from independently audited financial accounts and intensity data calculated based on financial data has not been checked back to source as part of this assurance process.

The greenhouse gas emission related data in the LONGI's Sustainability Report for 2025 has been directly adopted from the independent third party verification data and has not been double verified in this audit.

STATEMENT OF INDEPENDENCE AND COMPETENCE

The SGS Group of companies is the world leader in inspection, testing and certification, operating in multiple countries and providing services. As an affiliate of SGS Group, SGS-CSTC affirm our independence from LONGI, being free from bias and conflicts of interest with the organisation, its subsidiaries and stakeholders.

The assurance team was assembled based on their knowledge, experience and qualifications for this assignment.

SGS

FINDINGS AND CONCLUSIONS

ASSURANCE/VERIFICATION OPINION

On the basis of the methodology described and the assurance engagement performed, no inaccuracies or reliability issues were identified within the scope of the sustainability performance information covered by the LONGI's Sustainability Report for 2025.

ADHERENCE TO GRI STANDARDS 2021

The assurance team concludes that the LONGI's Sustainability Report for 2025 has been prepared with reference to the requirements of GRI Standards 2021.

ADHERENCE TO CONTINUOUS SUPERVISORY GUIDELINES NO. 14 FOR COMPANIES LISTED ON SHANGHAI STOCK EXCHANGE—SUSTAINABILITY REPORT (FOR TRIAL IMPLEMENTATION)

The assurance team concludes that the LONGI's Sustainability Report for 2025 has been prepared in accordance with the requirements of Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial).

ADHERENCE TO SASB INDUSTRY SUSTAINABILITY ACCOUNTING STANDARD

The assurance team concludes that the LONGI's Sustainability Report for 2025 has been prepared in accordance with the requirements of SASB Solar Technology & Project Developers Sustainability Accounting Standard (Version No. 2023-12).

Signed:

For and on behalf of SGS-CSTC

David Xin
Sr. Director – Business Assurance
16/F Century Yuhui Mansion, No. 73, Fucheng Road, Haidian District, Beijing, P.R. China

Apr. 17th 2026
WWW.SGS.COM



CN26/0002747

Corporate Policy and Documents

Topic	Document
Business Ethics	<i>LONGi Code of Business Conduct</i>
	<i>LONGi Anti-Corruption Policy</i>
	<i>Complaint and Whistleblowing Policy and Procedures</i>
Compliance and Risk Management	<i>Tax Policy</i>
Data Security and Privacy Protection	<i>Data Security and Privacy Protection Policy</i>
Innovation-driven and Intelligent Manufacturing	<i>LONGi Sustainable Product Management Policy</i>
Climate Change and Clean Technology R&D	<i>LONGi Climate Action White Paper 2024–2025</i>
	<i>2024 Taskforce on Nature-related Financial Disclosures Report</i>
	<i>LONGi Climate Change Response Policy</i>
	<i>LONGi Environmental Management Policy</i>
Biodiversity and Ecosystems	<i>Biodiversity Policy</i>
Human Capital Development	<i>LONGi Human Rights Policy</i>
	<i>LONGi Diversity, Equity, and Inclusion (DEI) Policy</i>
Occupational Health and Safety	<i>LONGi Environmental, Health, and Safety Management Framework</i>
Supply Chain Management	<i>Supplier CSR Management Measures</i>
	<i>Sustainable Purchasing Guidelines for Suppliers</i>
	<i>Supplier Code of Conduct</i>
	<i>LONGi Sustainable Procurement Principles</i>
	<i>LONGi Supplier Social Responsibility Operating Guidelines</i>
	<i>Responsible Mineral Procurement Management Policy</i>
	<i>Supplier Traceability Management Policy</i>

Suggestions and Feedback

Dear readers,

Thank you for reading the *LONGi 2025 Sustainability Report*. In order to make continuous efforts to elevate LONGi's sustainability practices and the quality of our report preparation, we invite you to scan the QR code to fill out the feedback form. If you have any questions or suggestions about the Report, please don't hesitate to reach out and contact us.

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