

2025

Environmental, Social, and Governance (ESG) Report



AIKO

全球光伏联合创新中心

Global Photovoltaic Joint
Innovation Center

CONTENTS

About This Report	01
Message from the Chairman	02
About AIKO	03
ESG Management	08

Feature:	
Leading Human Society into the Zero-Carbon Era	19

ESG Indicator Performance	116
Standard Index	130
Third-Party Assurance Report	140
Feedback Form	142

01 Robust Operations and Excellent Corporate Governance

Enhancing Corporate Governance	24
Risk and Compliance Management	27
Upholding Business Ethics	31

02 Quality First, Leading Technological Innovation

Lean Quality Management	35
R&D and Innovation Management	42
Information Security Management	49

03 Embracing Responsibilities for Ecological Harmony

Environmental Compliance Management	56
Green Production and Operations	62
Response to Climate Change	75

04 Standing with Our Employees, Empowering Talent Development

Protecting Employee Rights and Interests	81
Talent Attraction and Retention	84
Fostering Employee Growth Together	92
Occupational Health and Safety	96

05 Partnering for Sustainable Value Creation

Responsible Procurement Management	102
Customer Service Management	110
Empowering Industry Development	114
Supporting Community Development	115

About This Report

This is the fourth ESG (Environmental, Social, and Governance) Report (hereinafter referred to as “this Report”) issued by Shanghai Aiko Solar Energy Co., Ltd. (stock code: 600732.SH), disclosing and presenting the Company’s actions and performance in environmental, social, and corporate governance (ESG) to its stakeholders. This Report has been reviewed by the Company’s Board of Directors, which is responsible for the accuracy, completeness and authenticity of the information contained herein.

Description of References

For ease of expression and reading, the terms in this Report are defined as follows:

AIKO, the Group, the Company, We	refers to	Shanghai Aiko Solar Energy Co., Ltd.
Guangdong AIKO, Foshan Base	refers to	Guangdong Aiko Solar Technology Co., Ltd.
Zhejiang AIKO, Yiwu Base	refers to	Zhejiang Aiko Solar Technology Co., Ltd.
Tianjin AIKO, Tianjin Base	refers to	Tianjin Aiko Solar Technology Co., Ltd.
Zhuhai Fushan AIKO, Zhuhai Base	refers to	Zhuhai Fushan Aiko Solar Technology Co., Ltd.
Zhuhai Hengqin AIKO	refers to	Zhuhai Hengqin Aiko Solar Energy Technology Co., Ltd.
Shandong AIKO, Jinan Base	refers to	Shandong Aiko Solar Technology Co., Ltd.
Chuzhou Base	refers to	Chuzhou Aiko Solar Technology Co., Ltd.
Aiko Digital Energy	refers to	Shenzhen Aiko Digital Energy Technology Co., Ltd.

Basis of Preparation

This Report has been prepared with reference to the Global Reporting Initiative (GRI) *Sustainability Reporting Standards* (“GRI Standards”), the United Nations Sustainable Development Goals (UN SDGs), the International Sustainability Standards Board (ISSB) *International Financial Reporting Sustainability Disclosure Standard No. 1 – General Requirements for Disclosure of Sustainability-related Financial Information* (“IFRS S1”) and *International Financial Reporting Sustainability Disclosure Standard No. 2 – Climate-related Disclosures* (“IFRS S2”), and in accordance with the Shanghai Stock Exchange’s *Self-Regulatory Guideline for Listed Companies No. 1 – Standardized Operation and Self-Regulatory Guideline for Listed Companies No. 14 – Sustainability Reports (for Trial Implementation)*.

Reporting Period

The reporting period for this Report is from January 1, 2025 to December 31, 2025. To enhance comparability and forward-looking relevance, certain content may extend beyond this period.

Reporting Boundary

The data in this Report covers Shanghai Aiko Solar Energy Co., Ltd. and its subsidiaries. The reporting scope is consistent with the scope of the consolidated financial statements.

Data Sources

All information and data in this Report are sourced from the Company’s official documents, internal statistics, and publicly disclosed files.

Access to the Report

This Report is published in electronic format and the full report is available on the Company’s website (<https://aikosolar.com/cn/>). In case of any discrepancy between the English and Chinese versions of this Report, the Chinese version shall prevail.

Message from the Chairman

The solar photovoltaic (PV) industry is at a critical juncture of cyclical adjustments and structural reshaping, where challenges and opportunities, as well as change and breakthroughs, coexist. In the face of a complex and evolving external environment, AIKO has consistently adhered to its original mission of technological innovation and value creation, maintained its commitment to long-termism, and firmly pursued a path of high-quality development, exploring a healthier and more valuable growth trajectory for the industry through its sustainable development philosophy.

We lead with foresight, forging ahead against the winds. R&D and innovation are the fundamental drivers that guide us through cycles. We adhere to the product philosophy of “discovering value through scenarios and creating value through technology”, continuously refining our focus on the four major application scenarios: residential, commercial and industrial, ground-mounted, and floating PV, precisely matching customer needs across multiple dimensions such as power generation efficiency, safety, reliability, and aesthetic design. Through systematic innovative breakthroughs in aesthetic value, safety value, anti-cracking power generation value, and high-power value, AIKO's ABC modules have established a differentiated competitive advantage in areas such as gridline-free front-side design, anti-hot-spot performance, and anti-cracking capabilities, driving the evolution of PV products from “functional” to “value-driven”. In 2025, our annual R&D investment totaled RMB 352 million, with a cumulative total of 3,788 patent applications, including 1,910 for ABC technology and 750 granted ABC patents. Multiple demonstration projects have fully validated the performance advantages of ABC modules in extreme scenarios, driving high-quality industry development through innovation and ensuring that every inch of sunlight creates greater value.

We embrace our responsibilities and foster a harmonious ecosystem. Promoting green development is not only an industry mission but also a corporate responsibility. In 2025, we continued to enhance our product life-cycle management system, integrating green and environmental concepts throughout the entire process of procurement, design, manufacturing, transportation, and recycling. We actively advanced the application of silver-free processes, effectively reducing environmental impact while improving module efficiency and reliability. We are taking concrete actions to address climate change challenges by continuously optimizing energy and resource efficiency through digital management and the substitution of clean energy, thereby building a low-carbon and intensive production system. We systematically conduct product carbon footprint verification and certification, covering the entire chain from raw material acquisition to product recycling, and promote the upgrade of PV products toward a lower-carbon and more sustainable direction.

We collaborate with partners for shared value creation. The sustainable development of an enterprise depends on the joint efforts of multiple partners. As a signatory of the UN *Women's Empowerment Principles* (WEPs), we actively promote gender equality and diversity and inclusion. In 2025, the proportion of female members on the Company's Board of Directors increased to 28.6%. Furthermore, we always regard talent as our most valuable asset and have established a comprehensive talent development system through the AIKO Academy. We prioritize the physical and mental health and occupational safety of our employees, having set up

counseling rooms and enhanced safety management through digital platforms. We remain customer-centric, continuously deepening our “Iron Triangle” service system, and place high importance on product safety and sustainability attributes by developing products with features like fire prevention and anti-glare, providing customers with safe, efficient, and personalized solutions throughout the entire product lifecycle. In the supply chain, we continue to strengthen localization and diversification, improve risk management and traceability mechanisms, and promote the extension of ESG principles deeper into the industrial chain. Concurrently, we actively collaborate with research institutions and industry partners to deepen collaborative innovation, consolidate development synergies, and jointly guide the PV industry toward a more stable and sustainable future.

We pursue sound operations and excellent governance. Good corporate governance is the cornerstone of a company's long-term success. We consistently adhere to a governance philosophy of standardization, transparency, and efficiency, and have established a dedicated Strategy and Sustainability Committee at the Board of Directors level to fully integrate our sustainable development strategy into the Company's operational management system. We have enhanced our internal control mechanisms, strengthened business ethics, and improved anti-corruption management to ensure stable corporate operations. We continue to reinforce compliance management and risk control by systematically identifying and managing environmental, social, and governance risks, incorporating ESG factors into major decision-making processes to drive long-term value creation.

We are committed to a long-term journey, advancing together toward the future. We firmly believe that by continuously improving photoelectric conversion efficiency, deepening industrial collaborative innovation, and practicing the principles of sustainable development, we will make greater contributions to the advancement of the industry and the green transformation of human society. Looking ahead, we will uphold our mission to “lead human society into the zero-carbon era”, forging ahead with determination and unremitting effort to write an even more brilliant chapter on the path to a zero-carbon and carbon-negative world.

Shanghai Aiko Solar Energy Co., Ltd.
Chairman
Chen Gang

About AIKO

As a leading global new energy technology company, AIKO has been deeply engaged in the solar photovoltaic (PV) industry for 17 years. The Company brings together top global R&D experts, focusing on the research and innovation of core PV generation technologies, and is committed to providing global customers with high-efficiency solar cells, N-type ABC modules, and integrated PV energy solutions. During the reporting period, the Company operated 3 R&D centers, 6 production bases, and over 20 branches worldwide.

The Company has strategically focused on the European market, establishing collaborations with most major channel partners in the industry and achieving a leading market share in several countries. As of the end of the reporting period, the Company had sold its N-type ABC modules to 70 countries and regions, including China, Europe, Australia, Japan and South Korea, and had established cooperative relationships with more than 500 customers, forming a global production and sales network.

AIKO's Production Layout



> Key Performance | In 2025, AIKO

17

years of deep cultivation in the new energy sector

3

major R&D centers

6

major production bases

over **20**

global branches

8

partner laboratories

Our Business

Leveraging its profound technological expertise and strategic positioning in the photovoltaic field, AIKO demonstrates a diversified business structure and strong development potential. The Company has built a complete industrial chain around its N-type ABC technology, spanning from high-efficiency solar cells to PV modules and scenario-based solutions. It continues to drive technological innovation, leading industry transformation while accelerating its global market expansion. Through a dual-driver approach of technology and products, AIKO has solidified its leading position in the PV sector, contributing to the global energy transition.

N-Type ABC Cells and Modules

AIKO's ABC modules include the "Stellar Series" for centralized power stations, the "Comet Series" for commercial and industrial scenarios, the "Black Hole Series" for residential scenarios, and the lightweight "Nebula Series", comprehensively covering all mainstream photovoltaic power generation applications. These modules not only represent breakthroughs in power and efficiency but also feature high reliability, optimization for partial shading, superior temperature coefficients, and low degradation.

N-Type TOPCon Cells

A portion of the PERC cell production lines have been upgraded to TOPCon technology, creating a dual-driver approach for cell products.

PERC Cells

The Company strives to tap into the market demand for traditional products, optimize its order structure, intensify marketing efforts toward overseas customers, and maximize its presence in the traditional product market.

Solutions

In response to policy and market demands, AIKO has built a "1+3+N" service system for smart solar-storage energy solutions centered on high-efficiency ABC modules and integrating power electronics and digital technologies. The Company develops scenario-based solutions for green factories, smart power stations, and zero-carbon industrial parks, providing one-stop services from four dimensions: zero-carbon generation, grid-side carbon reduction, load-side carbon reduction, and dispatch-based carbon savings. This approach helps customers achieve optimal power generation benefits and the lowest electricity costs throughout the entire lifecycle.

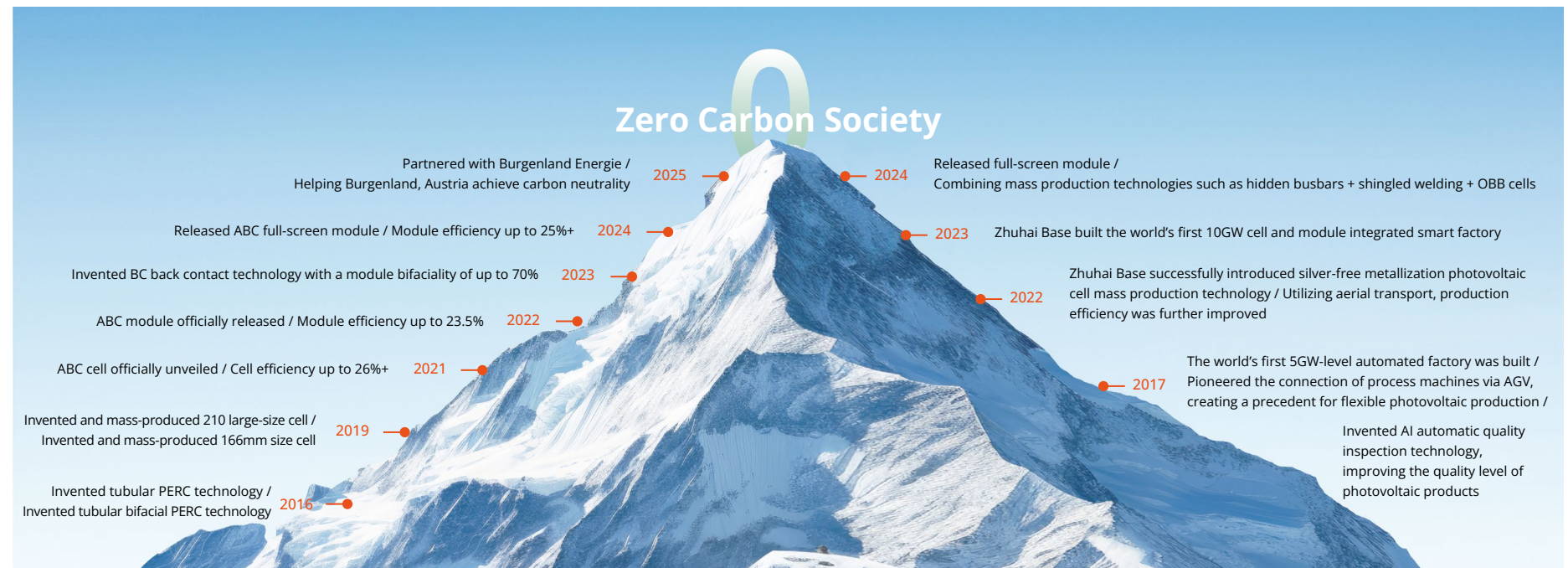
Forward-Looking Layout: From the P-Type Era to the N-Type Era

Absolute Leadership in Product and Technology Innovation

From the P-type era to the N-type era, AIKO has consistently led technological innovation in the industry. We possess the world's first mass-production technology for N-type ABC, achieving comprehensive innovative breakthroughs from wafers and cells to modules, and are continuously advancing toward the theoretical efficiency limit of 29.56% for single-junction crystalline silicon cells.

Absolute Leadership in Engineering and Manufacturing Innovation

Upholding the philosophy of redefining PV module manufacturing, AIKO continuously leads breakthroughs in intelligent manufacturing for the industry through comprehensive innovation from equipment to processes and in-depth exploration of the "zero-carbon smart factory" model.



Key Honors

AIKO



"14th Five-Year Plan" Energy Innovation Case - Mount Qomolangma National Park Solar-Storage-Charging Integration Project

- Organizing committee of the China Energy Development and Innovation Conference

AIKO



China Patent Excellence Award

- China National Intellectual Property Administration

AIKO



7th PV Golden Leopard Award - ABC Full-Screen Module (Golden Module Award)

- Organizing committee of the PV Golden Leopard Awards

Zhejiang AIKO



High-Tech Enterprise

- Zhejiang Provincial Department of Economy and Information Technology, Zhejiang Provincial Department of Finance, Zhejiang Provincial Tax Service of the State Taxation Administration

Zhuhai Fushan AIKO



High-Tech Enterprise

- Guangdong Provincial Department of Science and Technology, Guangdong Provincial Department of Finance, Guangdong Provincial Tax Service of the State Taxation Administration

Tianjin AIKO



High-Tech Enterprise

- Tianjin Municipal Science and Technology Bureau, Tianjin Municipal Finance Bureau, Tianjin Municipal Tax Service of the State Taxation Administration

Zhejiang AIKO



Zhejiang Provincial Postdoctoral Workstation, Zhejiang Provincial Key Enterprise Research Institute

- Zhejiang Provincial Department of Human Resources and Social Security, Zhejiang Provincial Department of Science and Technology

AIKO



APVIA Asian Photovoltaic Award

- Asian Photovoltaic Industry Association (APVIA)

AIKO



Tera-Watt Diamond Award

- Organizing committee of the SNEC International Photovoltaic Power Generation and Smart Energy Conference & Exhibition

AIKO



Highest Efficiency Commercial Solar Module

- TaiyangNews Solar media
TaiyangNews

AIKO



Asian Photovoltaic Technology Achievement Award (Corporate Category)

- Asian Photovoltaic Industry Association (APVIA)

AIKO



Tier 1 PV Module Manufacturer

- BloombergNEF

Aiko Energy Germany GmbH



Top Brand PV

- EUPD Research

AIKO



Europe 2025 Top Innovation Award

- EUPD Research

Zhejiang AIKO



TÜV Rheinland "Component Level Fire Risk Resistance" Recognition Certificate

- TÜV Rheinland Group

ESG Management

AIKO has established an ESG governance structure, actively implements its ESG strategic goals, and deeply integrates them into the Company's development model, building a sustainable development system with AIKO's unique characteristics.

ESG Strategic Goals

We have adopted the corporate strategy that “a future civilization based on zero-carbon energy will be more prosperous and beneficial to the long-term harmonious coexistence of humanity and the Earth”, and through technological innovation in photovoltaic energy products (such as solar cells and ABC modules) and scenario-based solutions, we help drive the business growth of our customers while promoting the long-term development of the new energy industry.

The Company continues to focus on innovative breakthroughs in product technology and engineering manufacturing capabilities, and is committed to improving photoelectric conversion efficiency to provide the global market with top-tier, high-quality photovoltaic products, thereby accelerating the global transition to zero-carbon energy.

ESG Governance

The Company fully understands the importance of good ESG governance for ensuring stable corporate operations and seizing development opportunities. It has established an ESG governance structure with the Board of Directors as the highest responsible body and is committed to fully integrating ESG work into the Company's management system to systematically advance related initiatives.

AIKO ESG Governance Structure

Supervisory Body	Board of Directors	Responsible for the overall management and supervision of the Company's ESG-related risks, key issues (including but not limited to energy, water resources, climate change, labor and human rights, and business ethics), development strategies, and the effective operation of its governance system.
Decision-making Body	Strategy and Sustainability Committee	- Responsibilities include supervising ESG work plans, goal setting, implementation progress, and achievement of targets (on issues including but not limited to energy, water resources, climate change, labor and human rights, and business ethics), and proposing suggestions for management improvement. - Promotes the deep integration of ESG factors into the Company's business strategy, systematically incorporating ESG considerations into strategic decision-making and planning.
Management Body	ESG Working Group (coordinated by the President's Office);	- Responsible for reviewing the content of the ESG report and the accuracy of related performance data. - Coordinates the specific work of the ESG executive team. - Regularly reports on the overall progress of ESG work to the Strategy and Sustainability Committee.
Executive Body	Various functional departments Human Resources Department, EHS Department, Procurement Department, Quality Management Department, Legal Department, Plant Affairs Department, and All Production Bases	- Regularly reports on the progress of ESG work to the Company's President's Office. - Responsible for the specific execution of ESG data collection, collation, and report preparation. - Integrates ESG-related issues and requirements into the daily operations and management processes of all the Company's departments.

Stakeholder Communication

The Company has established open and diverse communication channels to actively respond to the expectations and demands of stakeholders, continuously improving its own ESG management and practices.

Key stakeholders	Government and regulatory authorities	Shareholders and investors	Employees	Customers	Suppliers	Community
Expectations and demands	- Paying taxes in accordance with the law - Operating in compliance with laws and regulations - Contributing to regional economic development - Technological innovation capabilities - Climate response - Anti-bribery and anti-corruption	- Creating shareholder value - Protecting shareholder interests - Improving corporate governance - Controlling operational risks - Fair and open information disclosure	- Protecting employee rights and interests - Providing a platform for development - Improving employee benefits - Focusing on occupational health - Strengthening democratic communication	- Protecting customer rights and interests - Ensuring product and service quality - Fulfilling contractual obligations with integrity - Value creation capabilities	- Fair and just competition - Open and transparent procurement - Stable cooperative relationships	- Building a harmonious community - Participating in public welfare activities - Local environmental protection
Communication channels	- Active tax payment - Information disclosure - Work reporting - Enhancing innovation and R&D capabilities - Driving local development with specialized industries - Providing stable employment opportunities	- Shareholders' meetings - Company announcements, periodic reports - Strategy conferences, roadshows - On-site receptions, investor hotlines, email - Exchange earnings calls, SSE e-interactive website	- Employee representative congresses - Frontline employee forums - Employee opinion feedback - Recreational, sports, and consolation activities - Professional skills training opportunities	- Customer satisfaction surveys - Customer complaints and feedback (telephone, email, WeChat) - Technical exchange meetings	- Public disclosure of bidding information - Supplier performance evaluations - Long-term strategic cooperation - Communication via telephone and email - Technical exchanges, on-site factory audits	- Volunteer activities - Charitable donations - Protecting the community environment - Supporting community public construction

Materiality Assessment

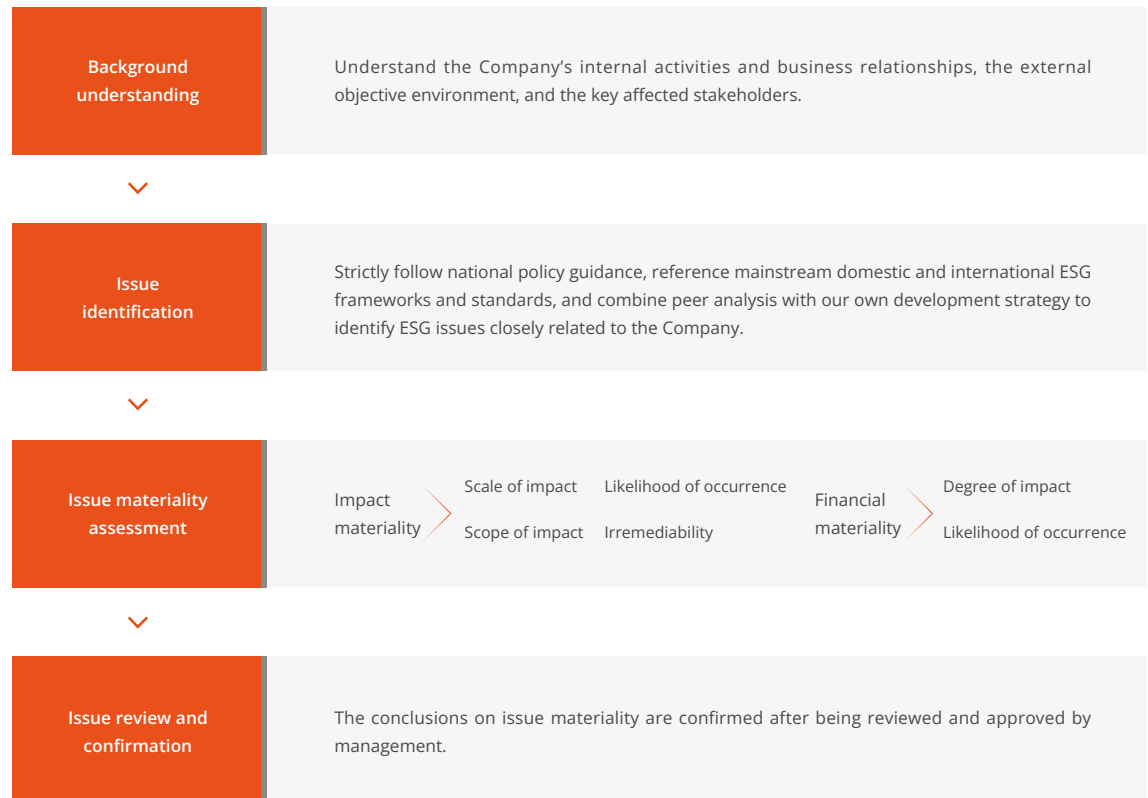
During the reporting period, the Company conducted its annual materiality assessment based on the double materiality principle. By comprehensively considering the impact materiality and financial materiality of issues of concern to the Company's internal and external stakeholders, the Company thoroughly analyzed 24 ESG issues. Based on the survey results, a materiality matrix was developed, and issues with double materiality were prioritized for disclosure and response.

Double Materiality Issue Analysis Process

In accordance with regulatory requirements such as the *Guidelines No. 14 for the Self-Regulation of Listed Companies—Sustainability Reports (Trial)* issued by the Shanghai Stock Exchange, and with reference to the GRI's *Sustainability Reporting Standards* and the United Nations Sustainable Development Goals (UN SDGs), the Company systematically conducted a double materiality survey and analysis, incorporating key ESG issues of concern to capital market indices like MSCI and S&P. After fully considering the Company's business activities, external operating environment, and the demands of key stakeholders, the Company identified, assessed, and ranked relevant ESG issues from the two dimensions of "impact materiality" and "financial materiality"¹. This process, reviewed and confirmed by management, resulted in the 2025 list of material ESG issues, which provides a basis for sustainability management and information disclosure.

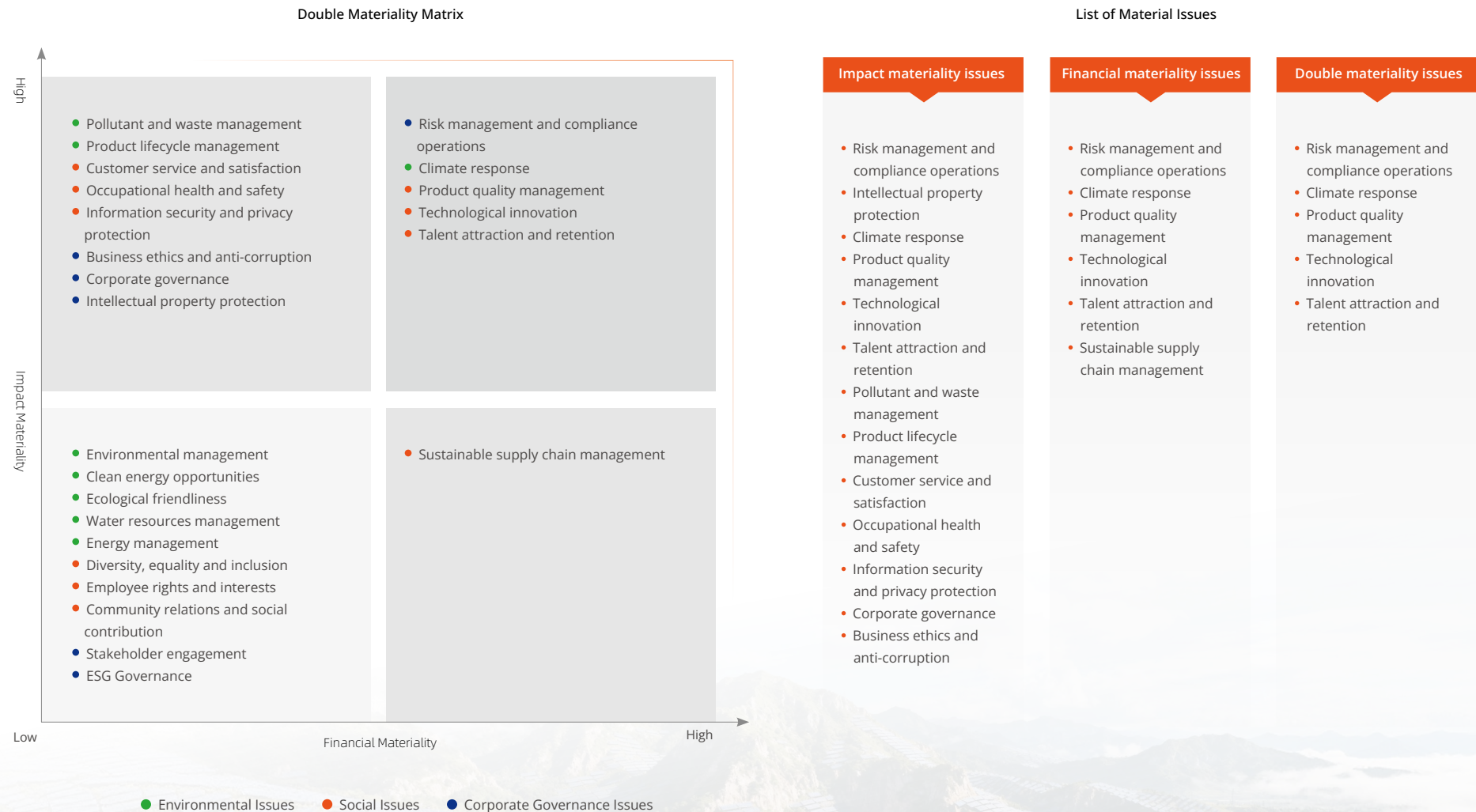
¹ During the reporting period, we used 5% of operating revenue as the threshold for financial materiality.

Double Materiality Issue Analysis Process



Conclusion of the Double Materiality Issue Analysis

Based on the results of the stakeholder questionnaire survey, we developed a double materiality matrix. During the reporting period, a total of 5 double materiality issues, 6 financial materiality issues, and 13 impact materiality issues were identified.



Responding to the United Nations Sustainable Development Goals

AIKO integrates the UN SDGs with its corporate strategy and operations, identifying the sustainable development goals most closely associated with the key issues of concern to its stakeholders, and actively promotes the implementation of related action measures.

UN SDGs	Corresponding Section	Associated Material Issues	Our Response	Annual Achievements
	Partnering For Progress Creating Sustainable Value Together	Community relations and social contributions	- Making charitable donations to support philanthropic causes - Fulfilling corporate responsibility by participating in public welfare and volunteer activities	Since 2022, the Company has participated in Yiwu city's "One-Day Charity Donation" event for four consecutive years, donating RMB 200,000 annually to support local philanthropic causes.
	Empowering Our People Fostering Talent Development	Occupational health and safety	- Establishing a comprehensive environmental, health, and safety management system - Conducting regular occupational health risk identification - Providing complimentary health check-ups for employees	- Achieved 100% coverage for ISO 45001 occupational health and safety management system certification 100% coverage for annual complimentary health check-ups
	Empowering Our People Fostering Talent Development	Talent attraction and retention	- Building a systematic talent development mechanism and creating multi-dimensional career development pathways - Supporting employees in advancing their academic qualifications to empower career development	100,955.22 hours of employee training
	Empowering Our People Fostering Talent Development	- Diversity, equality and inclusion - ESG governance	- Formulating fair and transparent recruitment and promotion standards to create a diverse, equal, and inclusive workplace ecosystem - Organizing welfare benefits for female employees	- Organized 4 events showing appreciation for female employees - Established 3 female employee associations, which held 24 activities
	Upholding Our Responsibility Embracing Responsibilities For Ecological Harmony	Water resources management	- Setting product water conservation targets - Developing diversified alternative water sources - Implementing water resource recycling - Promoting water conservation plans throughout the supply chain	- The proportion of alternative water sources used reached 37.41% overall - Module products have obtained WEEE² certification in 17 countries and regions, while both monofacial and bifacial module products have received RoHS and REACH certifications.

² WEEE (Waste Electrical and Electronic Equipment) is a directive of the European Union aimed at the proper treatment of a growing volume of electronic and electrical waste.

UN SDGs	Corresponding Section	Associated Material Issues	Our Response	Annual Achievements
	Prioritizing Quality Leading Technological Innovation	- Clean energy opportunities - Technological innovation	- Continuously driving technological innovation to enhance the utilization rate of clean energy - Designing and manufacturing superior photovoltaic products to advance the development of a zero-carbon society	- Meeting the differentiated needs of customers across various scenarios and reducing the levelized cost of electricity through high efficiency - R&D investment: RMB 352 million - Established the European Zero-Carbon Research Institute based at the German research institute; co-founded a joint innovation center with the University of Melbourne; participated in the global BC technology innovation summit.
	Empowering Our People Fostering Talent Development	Talent attraction and retention	- Implementing a long-term compensation incentive mechanism to help achieve stable employment in the regions where we operate - Deepening industry-academia-research cooperation to promote technological innovation and talent development	- Organized 49 human rights training sessions - Conducted the first living wage survey
	Prioritizing Quality Leading Technological Innovation	- Clean energy opportunities - Product lifecycle management - Product quality management - Technological innovation - Intellectual property protection	- Developing high-efficiency, high-power products - Deepening cooperation with partners across multiple scenarios	- Achieved 100% coverage for ISO 9001 quality management system certification across all bases. - Innovatively launched a range of scenario-specific ABC module products, including anti-hail, fire-resistant, anti-soiling, and anti-glare models. - Verified power generation advantages under extreme conditions such as high temperatures.
	ESG Management Special Feature: Leading Human Society Into The Zero-Carbon Era	- ESG governance - Stakeholder engagement	- Strengthening cooperation with peers and communities to jointly promote the development of sustainable communities and cities. - Exploring practices such as creating zero-carbon towns, zero-carbon islands, and zero-carbon cities.	Establishing benchmark cases in multiple fields, including new power systems, zero-carbon agriculture, and smart energy management.

UN SDGs	Corresponding Section	Associated Material Issues	Our Response	Annual Achievements
	Fulfilling Responsibilities Embracing Responsibilities For Ecological Harmony	- Environmental management - Energy management - Pollutant and waste management - Product lifecycle management	- Improving the environmental management system, enhancing resource and energy efficiency, and reducing pollutant emissions. - Integrating green and low-carbon concepts into product lifecycle management.	100% coverage for ISO 14001 Environmental Management System certification. - Total environmental protection investment of RMB 60.5866 million.
	Fulfilling Responsibilities Embracing Responsibilities For Ecological Harmony	Climate response	- Monitoring climate change-related policies, improving the internal governance structure and response plans, conducting climate risk identification, and enhancing climate resilience. - Increasing the proportion of clean energy used, promoting the purchase of green electricity and the construction of rooftop photovoltaic projects to reduce the carbon footprint.	- Purchased 462,666.43 MWh of green electricity. - Total power generation from rooftop photovoltaics reached 50,031.51 MWh. - Implemented 84 energy-saving projects, resulting in annual electricity savings of 98,039.145 MWh. - Received green honors such as "green factory" and "low-carbon (near-zero carbon) demonstration unit".
	Prudent Operations Excellent Corporate Governance	- Risk management and compliance operations - Business ethics and anti-corruption	- Strengthening risk control and internal control compliance to ensure the stable operation of the Company. - Conducted business ethics training for all employees and suppliers to create an environment of integrity.	- Organized 10 integrity training sessions for personnel in key and important positions. - Sent the <i>Integrity Cooperation and Anti-Corruption Agreement</i> to 398 major suppliers, and 445 suppliers completed the integrity questionnaire.
	Partnering Together Creating Sustainable Value Together	- Community relations and social contribution - Sustainable supply chain management	- Conducted sustainable supply chain empowerment training to enhance the understanding and practical capabilities of procurement department employees and suppliers regarding sustainability concepts. - Conducted industry-academia-research cooperation to support academic research, teaching, and employment at universities. - Organized supplier communication events.	- Conducted specialized SA 8000 labor and human rights training for procurement department employees and suppliers. - Collaborated on joint R&D and zero-carbon demonstration projects with universities, local governments, and industry partners in Europe and Australia.

ESG Empowerment

To continuously enhance the awareness and understanding of ESG issues among management and core business personnel, AIKO organized multiple systematic ESG training sessions for the Company's directors, senior management, and personnel from ESG-related functional departments, with the training content covering several key areas such as ESG information disclosure, related-party transaction management, business ethics, and ESG ratings and investment.

Participating in high-quality ESG training to strengthen governance and disclosure capabilities

The Company's head of ESG business participated in ESG-themed training organized by the Shanghai Stock Exchange and the Shanghai Listed Companies Association, studying a series of courses including "How ESG Drives Sustainable Investment and Supply Chain Resilience", "Interpretation of the Guidelines for Sustainability Reports of Listed Companies", and "ESG Practices and Investment Applications"; at the same time, during specialized training on report preparation, the Company's senior executives focused on learning about ESG compliance disclosure requirements, rating agencies' assessment points, and practical reporting experience, further solidifying the management's professional foundation in ESG strategic planning, information disclosure, and rating response, and continuously enhancing the Company's sustainable development capabilities.

ESG Annual Recognition and Honors

Ratings Performance

Rating Result	Rating Agency	Image
★ Ecovadis Silver Medal (Yiwu Base)	Ecovadis	
★ A+	China Chengxin Green Finance	
★ A	WIND ESG Rating	
★ A-	SynTao Green Finance ESG Rating	
★ BB	China Securities Index	

Awards and Honors



2025 Outstanding ESG Listed Company Award
2025 Outstanding ESG Case Award

4th International Green and Zero-Carbon Festival
and ESG Leaders Summit



2025 Energy ESG 100 "Top Ten
Pioneer Environmental

China Energy News



"Carbon Path Practitioner Award"

Securities Star



"Global Energy and New Energy ESG Top 100"

Global Green Energy Industry Council (GGEIC),
Asia-Pacific New Energy Industry Association
(NEIAAP), Asia Photovoltaic Industry



Clean Opportunity Award

Huxiu.com



Best Sustainable Development Award

2025 Employer Brand Creativity Competition



2025 ESG Model Enterprise of the Year Award

15th Philanthropy Festival and ESG Influence Annual
Conference



2025 Diversity, Equity, and Inclusion Grand Award

Employer Brand Institute



14th "Polaris Cup" 2025 Influential PV Intelligent Manufacturing
Outstanding Employer "Starlight Excellence Award"

Beijing Huoshan Dongli Network Technology Co., Ltd.

ESG Action Progress

ESG Performance Highlights



³ The Company's customer satisfaction surveys are conducted semi-annually for module and cell customers, respectively. The value disclosed in this report is the average of the survey results from the second half of 2025.

Our Membership in Organizations and Associations

Carbon Neutrality Committee of China Energy
Conservation Association



UN Women's Empowerment Principles (WEPs)



United Nations Global Compact (UNGC)



Social Responsibility Audits and Certifications

The Zhuhai Base underwent a Sedex Members Ethical Trade Audit (SMETA) and no major non-conformities were identified.

Feature: Leading Human Society into the Zero-Carbon Era

Deepening Customer Understanding and Continuously Developing AIKO Scenario-Based Solutions

AIKO deeply integrates new energy and digital technologies, continuously explores the "PV+" model, gains an in-depth understanding of the pain points faced by photovoltaic power stations and the diverse needs of customers in different application scenarios, and develops and produces customized PV modules to deliver maximum value to every client. The Company is committed to driving global progress and practice in green technology through R&D and innovation, expanding presence in the global new energy market, and leading human society into a zero-carbon era.

Residential Scenarios

An Efficient Choice for Limited Areas

In Guyin Village, Huai'an City, Jiangsu Province, China, AIKO assisted residents in utilizing their home courtyard spaces to install distributed PV systems. The project selected AIKO's ABC modules, achieving an installed capacity per unit area that was over 10% higher than a TOPCon solution within a limited installation area. The actual power generation exceeded calculated values by 4%, fully meeting the residents' electricity and green energy needs.



AIKO's ABC Modules in a Residential Scenario

Commercial and Industrial Scenarios

Stable Operation Undeterred by High-Temperature Challenges

Wuhan Haichang Polar Ocean Park in Hubei Province, China, faced challenges including limited available rooftop area and high ambient summer temperatures during green electricity renovation, placing stringent demands on the efficiency and reliability of PV modules. The project selected AIKO's ABC modules, which, for the same rooftop area, have a power output approximately 7-10% higher than TOPCon products, maximizing the rooftop's installed capacity. Additionally, AIKO's ABC modules have superior temperature coefficients ($-0.26\%/^{\circ}\text{C}$), enabling them to maintain high-efficiency power generation in high temperatures. Their high-temperature suppression function eliminates the risk of hot spots under high heat or shading, providing a stable power supply for cooling equipment and safeguarding the habitable environment for polar creatures. During the reporting period, AIKO's ABC modules passed the TÜV Rheinland module-level fire risk resistance certification.



AIKO's ABC Modules in a Commercial and Industrial Scenario

Commercial and Industrial Scenarios

High Safety Empowering the Green Transformation of Traditional Energy

A coal logistics and transfer center in Shuozhou, Shanxi Province, China, selected AIKO's ABC modules for a 20 MW rooftop photovoltaic project. Leveraging abundant local solar resources, the project achieves an annual power generation of approximately 36.5 million kWh. While ensuring high reliability, AIKO's single-glass ABC modules effectively control module weight, reducing pressure on the color-coated steel tile roof. This project organically combines dust control from coal transfer with green power generation, providing a new model for the green transformation of the traditional energy industry.



AIKO's ABC Modules in a Commercial and Industrial Scenario



Commercial and Industrial Scenarios

An Exemplary Practice of Eco-Friendly “PV + Agriculture”

A cucumber farm in Pijnacker, the Netherlands, selected AIKO’s ABC modules to build a 450 kW floating photovoltaic project on its associated rainwater reservoir. According to life cycle assessments, the power generation of AIKO’s ABC modules is 7% higher than that of a TOPCon solution. Furthermore, dual-glass modules, designed for aquatic environments, feature high water resistance encapsulation and anti-corrosion properties. This ensures the long-term operational reliability of the modules while avoiding any impact on the aquatic environment, exploring more possibilities for “PV + Agriculture”.

Centralized Scenarios

Reducing LCOE with High Efficiency

The Stolac Solami Park project in Mostar, Bosnia and Herzegovina, installed 64 MW of AIKO’s ABC modules. In the initial phase, the developer faced multiple challenges, including limited land resources, high ambient summer temperatures, and high Balance of System (BOS) costs. AIKO’s ABC modules won the client’s favor by addressing these pain points with their superior module efficiency, better temperature coefficients for high-temperature environments, optimized power generation under shade, and high-temperature suppression functions. This significantly reduced the power station’s LCOE and helped the client create greater value.

Exploring Cutting-Edge Applications

Sponsoring the Winner and Runner-Up of the World Solar Challenge

In the 2025 World Solar Challenge, the Brunel Solar Team and Solar Team Twente from the Netherlands, whose vehicles were equipped with ABC PV modules exclusively provided by AIKO, won first and second place, respectively. The competing vehicles had to travel 3,000 kilometers during Australia’s variable winter climate, fully demonstrating the high-efficiency power generation and stable, reliable performance of ABC modules in complex environments. This serves as a powerful testament to AIKO’s exploration of cutting-edge applications for photovoltaics.



AIKO's ABC Modules in a Commercial and Industrial Scenario



AIKO's ABC Modules in a Centralized Scenario



AIKO Supporting the World Solar Challenge

Steadily Advancing Zero-Carbon System Solutions Centered on the Dual Carbon Goals

AIKO's Zero-Carbon Business Division closely aligns with the Dual Carbon strategic goals. Guided by seven core business segments (new power systems; new energy and negative-carbon high-efficiency facility agriculture; new energy and low/zero-carbon buildings; new energy and green chemicals; new energy and transportation infrastructure; new energy and AI infrastructure; and new energy and ecological environment prevention and control), it adheres to a development path of "driving through technological innovation, demonstrating through scenario integration, and deploying through globalization". Collaborating both domestically and internationally, the division has successfully promoted the implementation and breakthrough of a series of strategically significant key projects. In 2025, we became deeply integrated into the domestic energy structure transformation process, establishing benchmarks in various fields such as new power systems, zero-carbon agriculture, and smart energy management. Concurrently, we actively implemented our globalization strategy, building a multi-faceted network of R&D, projects, and cooperation in regions including Europe, Oceania, Central Asia, and the Middle East.



New Power System Business Segment - Island Practice of the National "Dual Carbon" Strategy

AIKO's Zero-Carbon Business Division created an innovative zero-carbon demonstration project on Dangan Island, Zhuhai, centered on source-grid-load-storage synergy to build an integrated "PV + Wind + Storage" micro-grid system. Through an intelligent dispatch platform, the project achieves dynamic matching between the generation side (PV, wind) and the consumption side (residents, facilities), using an electrochemical energy storage system to regulate supply-demand fluctuations and form a closed-loop energy cycle. The entire island's energy structure has completed green transformation, with a significant increase in annual power generation, completely replacing diesel power, reducing carbon emissions, improving electricity costs for residents, and providing a replicable zero-carbon development model for offshore islands.



New Energy and Low-Carbon/Zero-Carbon Building Business Segment - Integrating Innovation to Empower Green Urban Development

The Company actively promotes the deep integration of new energy technology with the construction sector. It organically incorporates Building Integrated Photovoltaics (BIPV/BAPV), energy storage systems, and smart energy management platforms into urban development and building renovation projects, continuously exploring innovative application models for comprehensive low-carbon building energy solutions. During the reporting period, this business segment primarily served as an integral component of large-scale Ecology-Oriented Development (EOD) projects and industrial park projects, enhancing the low-carbon attributes and operational economy of buildings by providing integrated energy solutions.



New Energy and Negative-Carbon High-Efficiency Facility Agriculture Business Segment - Empowering Rural Revitalization and Ecological Value-Add

The Company has made a significant breakthrough in the "AI + Zero-carbon Agriculture" field, adding the Beihu Greentown EOD project in Qingshan District, Wuhan, Hubei, as a key large-scale demonstration project for the year. This project, with "AI + Zero-carbon Agriculture" as its core model, is a comprehensive practice integrating modern facility agriculture, new energy applications, and digital intelligent control. AIKO is deeply involved in the construction as the general contractor, with a total contract value of RMB 280 million. The scope of services includes mechanical and electrical equipment for facility agriculture greenhouses and supporting projects, construction of new energy photovoltaic and energy storage systems, deployment of AI intelligent control and digitalization systems, and some planning and design work.

Additionally, the Company is actively promoting the replication and implementation of the "AI + Zero-carbon Agriculture" model in more regions. During the reporting period, the Company engaged in in-depth discussions with the Shandong Provincial Department of Agriculture and Rural Affairs, upgrading the original "Shandong High-efficiency Facility Agriculture Project" into a cluster of "AI + Zero-carbon Agriculture" demonstration projects covering Qingdao, Yantai, and Jinan. With a total planned investment of approximately RMB 800 million, this marks the evolution of the Company's related solutions from a traditional energy supply model to an integrated "Smart Energy + Smart Agriculture" service model, reflecting the gradual maturation of the Company's integrated "Technology + Operations" business model in zero-carbon scenarios.



The Beihu Greentown EOD Project in Qingshan District, Wuhan, Hubei

**New Energy and Green Chemicals Business Segment - Deepening International Cooperation and Exploring New Opportunities for Industrial Integration**

The Company focuses on the application prospects of new energy technologies in the green chemicals sector, taking the integrated development of “new energy + green chemicals” as a key direction, and steadily advancing international market cooperation and project reserves. During the reporting period, at the invitation of the China University of Petroleum, the Company participated as a solution provider in the “China-Kazakhstan Energy Research Center” jointly established with Kazakh partners, laying a foundation for the Company's expansion in the Central Asian market.

At the same time, the “wind and solar power for hydrogen and alcohol production” project planned by PowerChina in Kazakhstan provides a crucial entry point for the Company's technology applications. Leveraging its technological expertise in photovoltaics, energy storage, and comprehensive energy management, the Company is actively exploring synergistic application models that combine new energy with hydrogen energy and green chemical processes, helping to facilitate the green and low-carbon transformation and upgrading of traditional energy-producing regions.

**New Energy and Transportation Infrastructure Business Segment - Focusing on Transportation Hubs to Implement Synergistic Empowerment and Scenario Expansion**

The Company is actively exploring the integrated application of new energy technologies in the transportation infrastructure sector. Focusing on key transportation hubs such as ports, highway service areas, and logistics centers, it systematically deploys distributed photovoltaics, energy storage systems, and charging facilities to form a “transportation + energy” collaborative microgrid system. As a significant application scenario for the Company's integrated energy solutions, this business segment works in synergy with industrial parks, buildings, and industrial projects, and its effectiveness has been validated in typical cases like the National Energy Technology Demonstration Project.

**New Energy and Artificial Intelligence Infrastructure Business Segment—Empowering with Digital Intelligence to Enhance Management Efficiency**

The Company successfully won the bid for the “New Power System Dispatch and Operation Monitoring Platform System Procurement” project in Baise, Guangxi, with a winning bid of RMB359,700. This project represents the Company's first breakthrough in the construction of core digitalization systems on the grid side, marking an extension of our digital energy solution capabilities from the user side to the regional energy dispatch and management level. Once completed, the platform will integrate multi-dimensional data resources from generation, grid, load, and storage to build a regional energy operation monitoring and intelligent dispatch system. It will enable real-time perception and synergistic optimization of elements such as new energy generation, power loads, and energy storage systems, providing strong support for improving regional energy utilization efficiency and ensuring the stable operation of the power system.

**New Energy and Ecological Environment Protection Business Segment - Focusing on National Strategies to Serve the Broader Green Development Agenda**

The Company closely aligns with the national strategy for carbon peaking and carbon neutrality and the needs of ecological civilization construction, such as the *Photovoltaic Sand Control Plan for the Three-North Desert, Gobi, and Arid Regions (2025-2030)*, actively participating in the synergistic development of new energy and ecological environment governance. During the reporting period, the Company focused on the construction opportunities of large-scale wind and solar power bases in the desert and Gobi regions. It has initiated preliminary planning for a ten-gigawatt-level new energy base, exploring integrated solutions that combine new energy development with ecological restoration and environmental management. During the reporting period, the Company has established contact with local branches of the State Grid, and engaged in discussions with relevant local authorities, laying the groundwork for project implementation.

01

Robust Operations and Excellent Corporate Governance

AIKO is deeply aware that a robust governance mechanism is fundamental for an enterprise to navigate economic cycles and achieve long-term success. We are committed to deeply integrating the concept of sustainable development with the Company's top-level design, continuously optimizing our governance structure, enhancing the professionalism and operational quality of our governance team, and solidifying our foundation for compliant operations. By adhering to higher standards of governance, we safeguard the realization of our vision for high-quality development.

Material issues covered in this chapter

- Corporate Governance
- Risk Management and Compliance Operations
- Business Ethics and Anti-Corruption
- Stakeholder Communication

UN SDGs addressed in this chapter



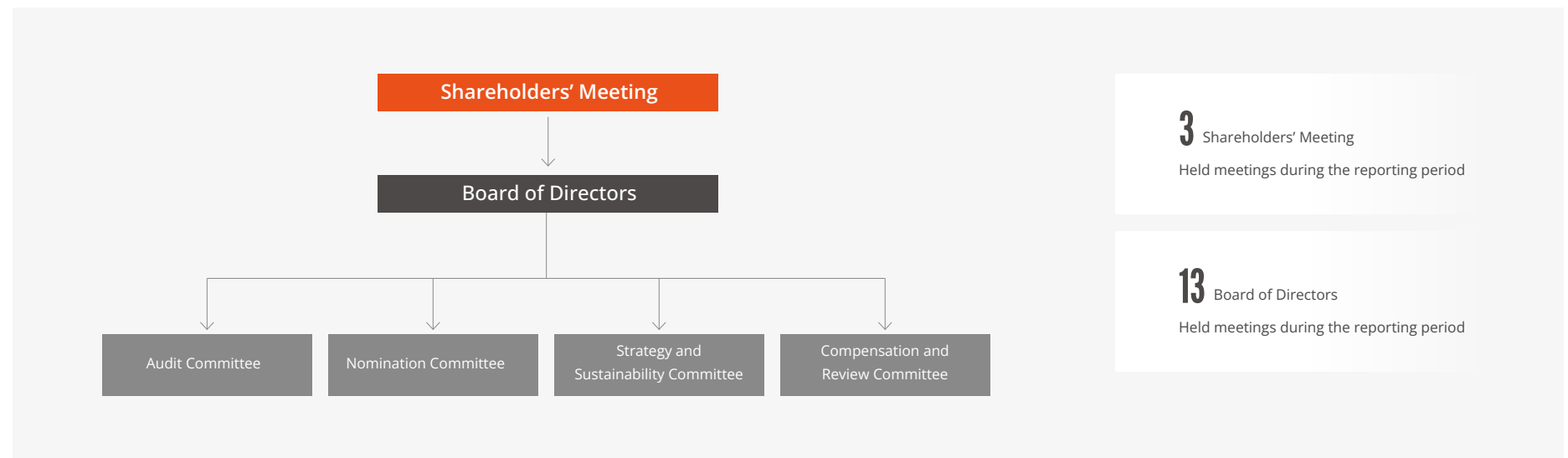
Enhancing Corporate Governance

AIKO strictly complies with domestic and international laws and regulations, laying the foundation for a governance structure with clear responsibilities and scientific efficiency. The Company enhances its governance decision-making and management levels through a diverse and professional board composition, as well as comprehensive and effective compensation assessment and incentive programs. Additionally, the Company places great importance on investor relations management, effectively safeguarding the legitimate rights and interests of its stakeholders.

Governance Structure

The Company has established an efficient decision-making mechanism, implementing a governance structure composed of the shareholders' meeting, the Board of Directors, and management. The Board of Directors has four specialized committees (the Audit Committee, the Nomination Committee, the Strategy and Sustainability Committee, and the Compensation and Review Committee) to support its scientific operation and effective fulfillment of duties.

In 2025, in response to the requirements of laws and regulations such as the *Company Law* and the *Guidelines for the Articles of Association of Listed Companies*, the Company has dissolved the Supervisory Committee, with the Audit Committee exercising supervisory responsibilities, thereby forming a concise and efficient management loop within the Board of Directors. Concurrently, the Company has comprehensively revised relevant governance systems, including the *Articles of Association*, *Rules of Procedure for the Board of Directors*, and *Rules of Procedure for the Shareholders' Meeting*, to establish and improve internal management mechanisms and promote compliant operations.



Independence and Diversity of the Board of Directors

The Company is committed to building an objective and impartial Board of Directors. In compliance with legal and regulatory requirements, it has established the position of Independent Director and specified the qualifications for Independent Directors in the *Working System for Independent Directors* to provide checks and balances on the Company's operations and decision-making. As of the end of the reporting period, the conveners of the Company's Audit Committee, Nomination Committee, and Compensation and Review Committee were all Independent Directors, and Independent Directors constituted a majority on each of these committees.

The Company has formulated a *Board Member Diversity Policy*, based on the principles of transparency, openness, and effectiveness, to select the best candidates for the Board and its specialized committees. On the basis of statutory qualifications, the Board's Nomination Committee comprehensively considers candidates' gender, age, professional capabilities, cultural background, geographical region, and ethnicity. It selects professionals who align with the Company's strategic goals, cultural values, and sustainability philosophy, ensuring the Board possesses both professional experience and diverse perspectives.

Audit Committee	Nomination Committee	Strategy and Sustainability Committee	Compensation and Review Committee
Responsible for reviewing the Company's financial information and its disclosure, supervising and evaluating internal and external audit work and internal controls, and exercising the former responsibilities of the Supervisory Committee as stipulated in the <i>Company Law</i> .	Responsible for formulating selection criteria and procedures for directors and senior management, selecting and reviewing candidates and their qualifications, and making recommendations to the Board of Directors.	Responsible for researching and providing recommendations on the Company's long-term development strategy, major investment decisions, and significant ESG-related management matters.	Responsible for formulating compensation policies and plans, including assessment standards, remuneration decision mechanisms and processes, and payment and clawback arrangements for directors and senior management. It also conducts corresponding system reviews and compensation assessments and makes recommendations to the Board of Directors.
3 Board Members Including 3 Independent Directors	3 Board Members Including 2 Independent Directors	5 Board Members Including 1 Independent Director	3 Board Members Including 2 Independent Directors

> Key Performance | As of the end of the reporting period,



7

Number of directors



2

Female directors



28.6 %
accounting for



3

Independent directors



42.9 %
accounting for



3

Expert members⁴



42.9 %
accounting for

⁴ "Expert personnel" specifically refers to financial and industry experts, a classification based on the MSCI ESG rating report. The Company's industry experts are: Chen Gang, Liang Qijie, and Shen Yu; its financial experts are: Liang Qijie and Shen Yu. For details on director biographies, please see the Company's 2025 Annual Report.

Compensation for Executives

The Company has established a scientific and effective remuneration mechanism, determining compensation packages for directors and senior management based on factors such as company performance, job responsibilities, performance completion, and long-term goals. In 2025, we formulated and issued the *Management System for the Remuneration of Directors and Senior Management* to further standardize the composition and implementation requirements of remuneration. The remuneration for directors and management consists of basic salary, performance-based pay, and long-term incentive income, with performance-based pay and long-term incentive income heavily based on the evaluation results from the Compensation and Review Committee.

In accordance with the *Management System for the Remuneration of Directors and Senior Management* and the *AIKO Performance Compensation Clawback Policy*, the Company explicitly implements a remuneration clawback mechanism. In cases such as financial report restatements, or if directors and senior management cause losses to the Company due to illegal activities, violations, or dereliction of duty, the Company will, depending on the severity of the situation, claw back all or part of the performance and incentive income already paid to the relevant individuals, and take measures such as reducing or suspending undelivered remuneration.

To ensure that incentive orientations are consistent with the Company's business development goals, we link the evaluation of performance-based pay and incentive income to the Company's financial and sustainable development indicators, balancing short-term operating benefits with long-term value creation. Financial indicators include revenue growth and profit margins, which measure management's effectiveness in business operations. ESG indicators cover issues such as energy management, water resources management, waste management, employee engagement, occupational health and safety, and anti-corruption, with relevant ESG performance measured according to the job responsibilities of senior executives.

Investor Relations

The Company prioritizes the protection of shareholders' rights and interests and, in accordance with updated legal and regulatory requirements, revised a series of documents during the reporting period, including the *Investor Relations Management System*, the *Information Disclosure Affairs Management System*, and the *Related-Party Transaction Decision-Making System*, to ensure transparent and efficient investor communication and information disclosure, strengthen the protection of small and medium-sized shareholders' rights to know and participate, and share value returns with all shareholders and investors. In 2025, directors and senior executives of the Company participated multiple times in specialized training activities organized by the Shanghai Stock Exchange and the Shanghai Listed Companies Association, covering topics such as annual report preparation, market value management, and interpretation of regulatory policies and rules, which provided capability support for the Company's compliant fulfillment of its obligations as a listed company.

Maintaining open channels of communication with investors	The Company actively utilizes platforms such as the Shanghai Stock Exchange's "SSE e-interactive website", its official website, and new media platforms, and employs various formats including shareholders' meetings, roadshows, investor briefings, and analyst meetings to ensure broad communication with all types of investors; it also ensures that investor hotlines and email channels are efficiently managed by dedicated personnel for timely and professional communication and feedback.
Fulfilling information disclosure obligations	To protect investors' right to know, the Company discloses information truthfully, accurately, completely, timely, and fairly to all investors simultaneously and does not prematurely leak undisclosed information to any entity or individual.
Standardizing related-party transaction practices	The Company clarifies the review standards for related-party transactions, focusing on assessing their reasonableness, necessity, and fairness, and engages third-party institutions to provide objective conclusions when necessary, ensuring that the Company's related-party transactions do not harm the legitimate rights and interests of the Company and its non-affiliated shareholders.

> Key Performance | In 2025, the Company

117

Published exchange announcements

5

Held earnings briefings and in-person shareholder communication events

over 300

Participated in online and offline research sessions with investment institutions



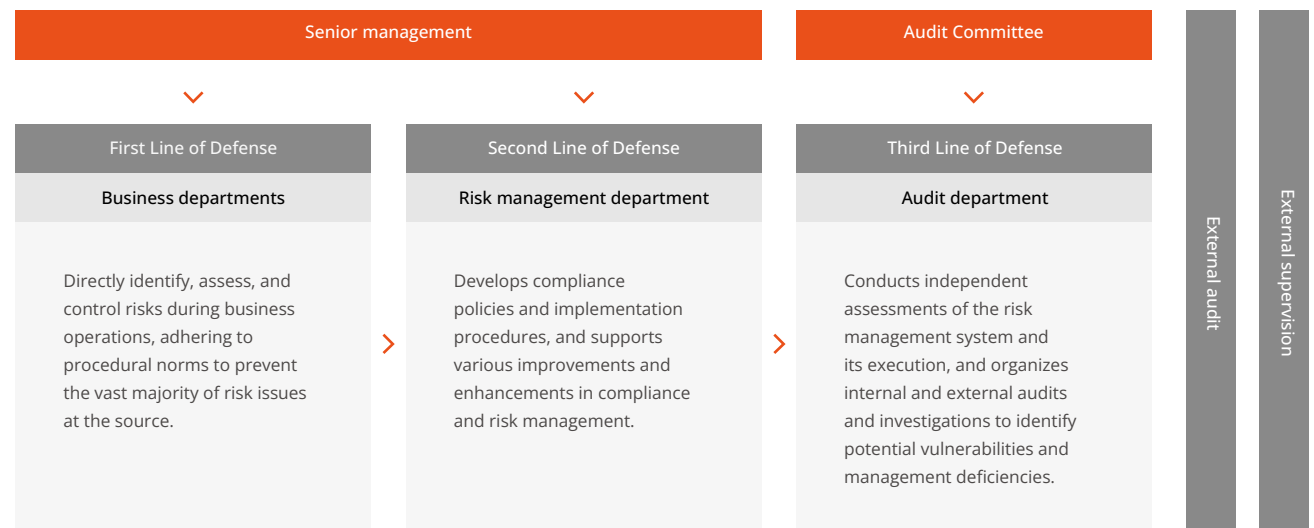
Risk and Compliance Management

AIKO continuously improves and optimizes its risk management mechanism, striving to comprehensively and accurately identify potential risks and develop response and mitigation strategies to safeguard the Company's strategic development; by strengthening internal control, audit, and supervision, it ensures that all business operations run efficiently within a legal and compliant framework.

Governance

The Company has established a "Three Lines of Defense" framework for compliance and risk management, which clearly defines the responsible bodies and division of labor from the governance level to the executive level. The Audit Committee of the Board of Directors is the highest authority for internal control and risk management, responsible for reviewing the Company's risk management work and reporting to the Board of Directors, thus playing a top-level supervisory role. Under the guidance of the Audit Committee, the Audit Department carries out end-to-end risk control and internal control work. It consists of an inspection team, an internal audit team, and a supervision team, with specialized roles for risk identification, monitoring and reporting, and internal audits. The department also provides enabling support to various functional and business departments, forming a risk control system with clear responsibilities and collaborative linkage.

The "Three Lines of Defense" for Risk Management



Strategy

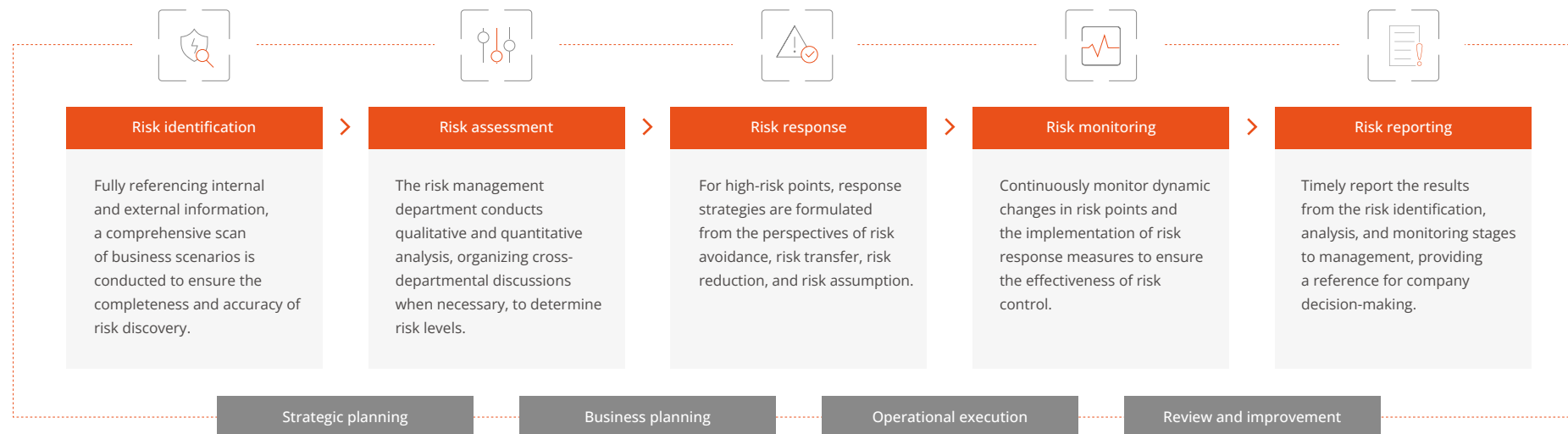
The Company has formulated documents such as the *Risk Management Regulations* and the *Detailed Rules for Risk Identification and Assessment Management* to provide unified standards and guidelines for risk identification, assessment, response, monitoring, and reporting. We integrate risk management as an important component of strategic planning and implementation, conducting analysis at both the corporate and process levels and categorizing risks into four main types: strategic, financial, operational, and compliance, with an emphasis on comprehensive and systematic risk identification and assessment. Based on a scientific and sound risk management process, the Company conducts a comprehensive risk assessment annually, evaluating risks from dimensions such as the likelihood of occurrence and the degree of impact. In 2025, with increasing uncertainty in the global situation, the Company focused on conducting research and analysis in the area of trade sanctions compliance. In collaboration with an external professional law firm, it drafted guidance and tool documents for the Company's foreign-related export control and economic sanctions lists, including the *Country Sanction Risk Table*, the *Supplier Compliance Commitment Letter*, and the *Customer Due Diligence Questionnaire*, which will be issued and implemented within the Company in 2026.

Impacts, Risks, and Opportunities Management

Potential Risks and Opportunities	Description of Impact	Value Chain Stage	Impact Timeframe	Financial Impact	Management Measures
Risk					
Non-compliant operational behavior	If the Company fails to promptly identify regulatory requirements related to its production and operations, it could face administrative penalties, which would damage its corporate image and result in direct or indirect economic losses.	Own operations Downstream value chain	Short-term/Mid-term	Increased administrative expenses Decreased revenue	Continuously improve the compliance management system, supervise and ensure its operational effectiveness, and enhance internal compliance awareness and capacity building.
Opportunity					
Proactive risk identification and response	The Company proactively tracks trends in policies, regulations, industry developments, and market environments, and formulates timely response plans, enabling it to avoid potential losses and better meet external demands.	Upstream value chain Own operations Downstream value chain	Short-term/Mid-term/ Long-term	Increased revenue	Regularly conduct risk identification and assessment across all business areas, and dynamically track and monitor changes in various risks.

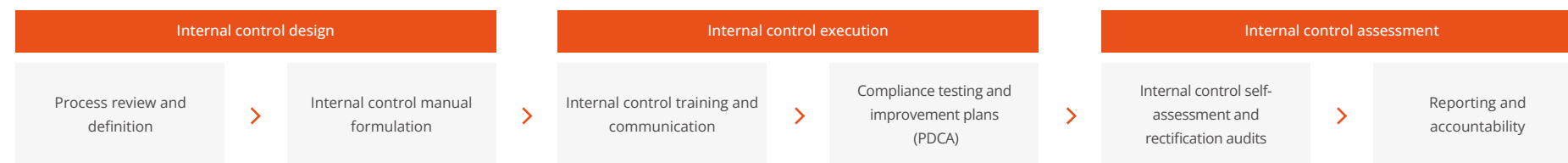
— Risk Management Mechanism

The Company has established a comprehensive closed-loop process for risk management, conducting its daily work around a series of stages including risk identification, assessment, response, monitoring, and reporting, which builds a solid foundation for the compliant development of the Company's strategy and business and ensures the standardized and effective operation of its internal production and operations.



— Internal Control Management Mechanism

On the basis of compliance and risk management, the Company attaches importance to the scientific design and effective operation of its internal control mechanism. We have defined management requirements for Key Control Points (KCPs) and the segregation of duties, execute an annual audit plan based on the audit risk map, and continuously improve based on audit results, creating a virtuous cycle of internal control from problem discovery to rectification and optimization. The audit scope also comprehensively covers all business areas, providing a guarantee for the Company's standardized governance.



Internal Control Audits

The Company conducts an annual internal control evaluation of company-level and business-level comprehensive risks in accordance with documents such as the *Basic Standard for Enterprise Internal Control*, the *Internal Audit System*, and the *Audit Management Regulations*. During the reporting period, based on a comprehensive assessment, we focused on strengthening audit supervision in high-risk areas such as sales, procurement, assets, and investment, and supervised the relevant responsible persons to complete all rectifications for the two non-financial reporting deficiencies discovered.

Audit Areas	- Company level: Organizational structure, development strategy, human resources, social responsibility, corporate culture, information communication and supervision, etc. - Business level: Sales and collection management, production and warehousing management, procurement and payment management, technology and R&D management, human resources management, etc.
Audit Scope	Covers All Business Areas of the Company
Audit Format	A Combination of Internal Control Self-Assessment and External Audits

Building a Compliance Culture

The Company is deeply committed to building a compliance culture, regularly emphasizing compliance awareness and management requirements in employee training. It also conducts specialized courses on risk and internal control and policy interpretation sessions tailored to the Company's business and operational needs. Concurrently, we use online and offline media such as the Audit Department's WeLink official account, the W3 office integration platform's knowledge community, and the *AIKO People* internal publication to continuously promote risk prevention and control knowledge and provide empowering tools to all employees, comprehensively enhancing their compliance awareness.

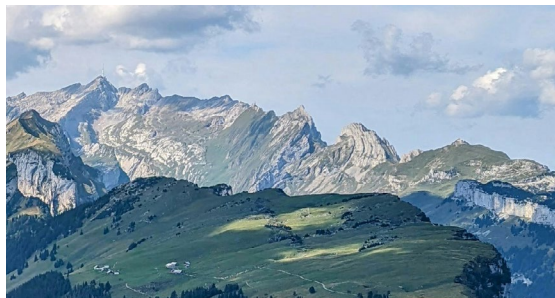


Yiwu Base Builds a Platform for Compliance Promotion

The Company actively participates in government-enterprise collaborative governance and has undertaken compliance-focused enterprise development initiatives. At locations such as the third floor of the comprehensive building at the Yiwu Base, we have installed eye-catching and easy-to-understand graphic display boards to promote a deeper understanding of compliance culture and knowledge. The content on these boards is rich and comprehensive, covering compliance organization building, compliance system design, compliance operation assurance, and compliance culture training, effectively conveying the Company's compliance management philosophy and requirements.



AIKO Sets up Compliance Culture Display Boards



Indicators and Targets

> Key Performance In 2025, the Company		
	1	122
	Conducted compliance training session	participants

Upholding Business Ethics

AIKO adheres to high standards of business ethics, upholding principles of integrity and observing the red lines of business conduct across its global operations to foster a transparent and fair market ecosystem.

Business Ethics Management

The Audit Committee of the Company's Board of Directors is the highest responsible body for the Company's business ethics management, overseeing the implementation of the Company's overall business ethics standards. The Audit Department is responsible for formulating various business ethics policies and systems, promoting a culture of integrity throughout the Company, and taking preventive, supervisory, and corrective measures in high-risk areas of fraud within production and operational activities. We have established our business ethics system based on policies and commitments such as the *AIKO Business Ethics Management Policy*, the *Regulations on Accountability for Ethical Responsibility*, the *Company Employee Integrity Pact*, and the *Anti-Fraud Code*, which clearly state our zero-tolerance principle for acts such as bribery, corruption, money laundering, monopoly, and insider trading.

The Company has established a business ethics management process and system centered on "prevention-supervision-optimization". We conduct regular internal or external audits to diagnose the implementation of business ethics standards, business compliance, control and management of business ethics risks, investigation and handling of ethical violations, and recommendations and supervision for improvement, covering all of the Company's business operations on a three-year cycle.

Furthermore, we continue to strengthen anti-bribery and anti-corruption management among our suppliers. On one hand, we require procurement personnel to sign a *Commitment Letter for Procurement Personnel*, prohibiting "procurement red line" behaviors such as bribery and fraud. On the other hand, we specify business ethics requirements in the *Supplier Code of Conduct* and engage in integrity-based cooperation with suppliers. The Company's suppliers are required to sign an *Integrity Cooperation and Anti-Corruption Agreement* and a *Supplier Integrity Commitment Letter*, conduct regular internal management reviews, assess and report on the effectiveness of their business ethics management systems, and proactively cooperate with AIKO's business ethics compliance checks.

During the reporting period, the Yiwu Base obtained ISO 37001 anti-bribery management system certification.



Building a Business Ethics Culture

The Company places great importance on building a culture of integrity, conducting business ethics training for directors, senior executives, all employees, and partners. We are dedicated to creating a business environment of integrity and transparency, guiding all employees to practice ethical conduct, enhancing suppliers' awareness of integrity and compliance, and continuously promoting our achievements in this area. In 2025, the Company held 22 integrity promotion activities, including publishing 5 promotional articles and 6 integrity reminder posters for holidays. A total of 3 directors participated in anti-corruption training, with an average training duration of 0.25 hours per director. The Company organized 10 integrity training sessions for personnel in sensitive and important positions, with an average training duration of 1.5 hours per person. One integrity initiative event was held for suppliers, covering comprehensive content such as national laws and regulations, the Company's integrity policies, and complaint and reporting channels.



The Company conducts an annual *Integrity Survey Questionnaire* for internal employees and external suppliers to understand the level of awareness and practice of integrity among internal and external stakeholders, and to strengthen management in weaker areas. The 2025 survey results showed that the Company's internal employees generally grasped and understood the system requirements, and external suppliers also recognized the Company's integrity in its operations.

During the reporting period, the Company sent the *Integrity Pledge to Business Partners* to all major suppliers (a total of 398), clarifying AIKO's principles against corruption, fraud, and other violations. The pledge detailed whistleblowing channels and provided access to the *Integrity Survey Questionnaire*, receiving a widespread response from suppliers. At the same time, we actively participate in building an honest business environment across society, exchanging and learning from leading industry practices to continuously improve our integrity risk prevention and governance capabilities.



AIKO Attends the 8th (2025) Corporate Integrity Risk Prevention Sunshine Forum

In December 2025, AIKO participated in the 8th (2025) Corporate Integrity Risk Prevention Sunshine Forum, engaging in discussions with over 300 corporate representatives. This forum, based on the "Sunshine Integrity Alliance" platform, is one of the most influential exchange events for integrity governance in the industry. Hosted by the Criminal Law Science Research Center of Renmin University of China and the Cybercrime Governance Professional Committee of the Chinese Criminology Society, this year's forum was themed "Strengthening Internal Integrity Defenses to Escort Enterprises in Their Overseas Expansion", providing diverse ideas and practical solutions for corporate integrity risk prevention practices.



The Company Attends the Corporate Integrity Risk Prevention Sunshine Forum

Anti-Unfair Competition

The Company is committed to maintaining a fair market business environment, strictly complying with laws and regulations such as the *Anti-Unfair Competition Law of the People's Republic of China* and the *Anti-Monopoly Law of the People's Republic of China*, and firmly resists actions such as abusing a dominant market position or entering into monopolistic agreements with other individuals or institutions. In the *AIKO Business Ethics Management Policy*, we explicitly prohibit all departments and employees from exchanging commercial secrets or reaching restrictive agreements with competitors, ensuring fairness and impartiality in trade.

For business secrets protection, the Company has formulated the *Management Specification for the Classification and Grading of Information Assets and Commercial Secrets* and the *Management Specification for the Authorized Use of Commercial Secrets*. These documents classify and grade commercial secrets and, based on the principle of segregated authority, designate specific approval departments for different scenarios such as internal access, internal sharing, and external provision. We implement comprehensive lifecycle management and control of commercial secrets, defining standard requirements for confidential documents at every stage—from creation, storage, and use to transmission, publication, and destruction—to prevent the risk of leakage or improper use.

The Company periodically shares articles related to Business secrets protection via its internal WeLink platform to enhance employee awareness. During the reporting period, we published "Protecting the Company's "Lifeline": Confidentiality Notice for Workshop Operations", which emphasized the importance of workshop operational information and outlined detailed confidentiality requirements for employees.

Key Performance | In 2025, the Company

0

Number of litigation cases arising from unfair competition

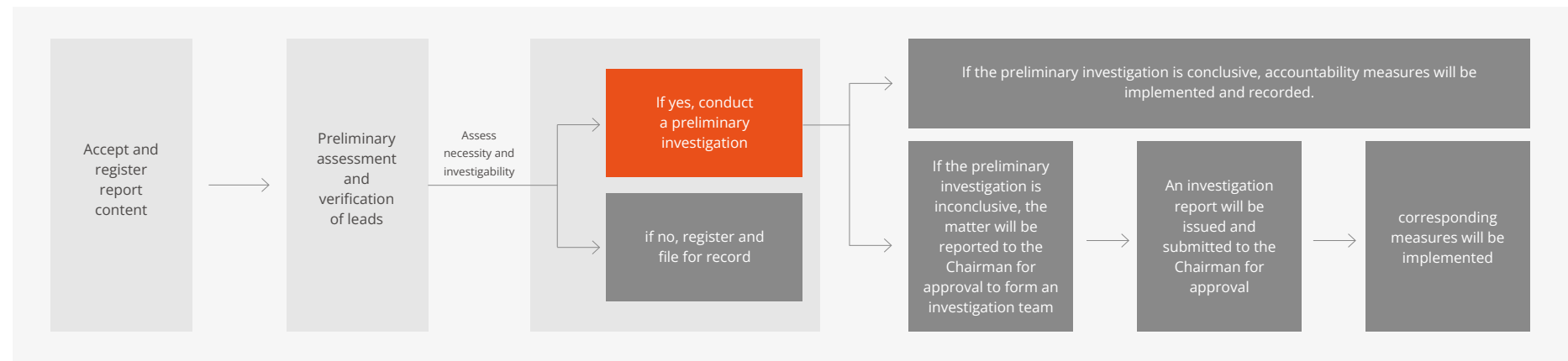
0

Amount involved in litigation arising from unfair competition

Whistleblowing and Complaint Mechanism

The Company has formulated the *Detailed Rules for Complaint and Whistleblowing Management* and encourages internal and external stakeholders to monitor the Company's business ethics through various channels such as email, telephone, and WeChat official accounts, and to report misconduct in business activities, including corruption, malpractice, and conflicts of interest. The Company implements a tiered and categorized closed-loop management mechanism to ensure transparency and efficiency throughout the entire process of receiving, assessing, investigating, and providing feedback on reports. For verified whistleblowing tips, whistleblowers will be rewarded according to Company regulations, and serious actions, such as termination of employment or business relationships, will be taken against the violating parties.

Whistleblowing and Complaint Handling Process



Whistleblower Protection

The Company accepts anonymous reports and is committed to protecting the rights and interests of whistleblowers. It maintains strict confidentiality of whistleblowers' personal information, the materials they provide, and interview information. Retaliation in any form is strictly prohibited, and those responsible for such acts will face penalties such as a freeze on salary increases and promotions, demotion, or dismissal, depending on the circumstances.

During the reporting period, the Company received 14 complaints regarding business ethics, investigated 7 incidents that violated the code of business ethics, and had no lawsuits filed against it for violations of anti-corruption policies.



Reporting Channels

Email audit@aikosolar.com

Telephone 0579-89987350

Mail Audit Department, R&D Building, 699 Haopai Road,
Suxi Town, Yiwu, Zhejiang Province



AIKO Integrity WeChat
official account



AIKO Audit and Supervision
WeChat official account

02 Quality First Leading Technological Innovation

As an active promoter of the zero-carbon energy transition, AIKO has always regarded product quality and technological innovation as its core competencies. We continuously improve our end-to-end management system from R&D and manufacturing to delivery to cater to the diverse application scenarios of our customers. By deepening quality management, promoting the systematic operation of our R&D and innovation framework, and simultaneously strengthening information security and privacy protection, AIKO builds comprehensive assurance capabilities covering technology, quality, and data to ensure stable product performance in terms of high efficiency, high reliability, and sustainability.



Material issues covered in this chapter

- Clean Energy Opportunities
- Product Lifecycle Management
- Product Quality Management
- Technological Innovation
- Information Security and Privacy Protection
- Intellectual Property Protection

UN SDGs addressed in this chapter



Lean Quality Management

"High efficiency, Safety, and Stability" has always been AIKO's pursuit in quality. We adhere to the quality policy of "customer satisfaction and leading quality", uphold the baseline of quality and safety, and have built a quality management system that spans the entire value chain. Through standardization, lean processes, and continuous improvement mechanisms, we constantly enhance product quality to create more value for customers with higher performance and superior quality.

Governance

AIKO strictly complies with laws and regulations such as the *Product Quality Law of the People's Republic of China* and benchmarks against advanced international standards. We have established and continuously improved systems and standards including the *Modules Management Procedures for Quality Lab*, the *Management Policy for Quality Lab*, the *Work Instruction for Finished Goods Warehousing Inspection*, the *Shipment Quality Control Standard Operating Procedures*, the *Quality Indicator Management Specification*, the *Exception Handling Procedures*, the *Raw Material Abnormality Management Specification*, and *AIKO's ABC Cell Module Reliability Exception Handling Process*. These measures strengthen rapid response management for recurring and reliability-related issues, promote full coverage of standard operating procedures, and ensure the effective implementation of quality requirements. AIKO has also optimized its organizational structure, clarified quality responsibility boundaries, strengthened the one-vote veto power for quality, and integrated quality indicators into management performance assessments.

During the reporting period



All six of AIKO's production bases obtained ISO 9001 certification, achieving a 100% certification coverage rate for their quality management systems. In addition, the Yiwu Base also received IEC 62941 certification for its quality management system for photovoltaic (PV) module manufacturing.

Strategy

AIKO consistently adheres to the quality policy of "customer satisfaction and leading quality". We have established a "three-step" strategic plan to guide AIKO through a comprehensive transformation – from partial proactivity to comprehensive proactivity, from engineering thinking to customer-centric thinking, from manual control to digital control, from centralized management to capability centers, and from traditional quality management to total quality management. We are committed to setting a high-quality benchmark in the photovoltaic industry and becoming the customers' preferred choice.

"Three-Step" Quality Management Strategy

Quality Goal: Build a high-quality benchmark in the photovoltaic industry centered on customer value and become the customers' preferred choice.

Phase 1

Strengthen compliance management and control practices, maintain the quality advantage of PERC cells, and establish the quality edge of AIKO's ABC modules.



Phase 2

Drive digitalization and systematization, enabling customers to recognize the quality advantages of AIKO's ABC modules/TOPCon products.



Phase 3

Achieve full-scale systematization to showcase the quality advantages of AIKO's entire product portfolio to customers.

Customer Orientation: Seamlessly and unattenuated, convey the Voice of the Customer to all levels of the Company and on-site teams, deliver higher-value solutions to customers, and continuously enhance customer satisfaction.

Process Quality Control: Focus on value creation in core businesses including AIKO's ABC products, improve end-to-end quality capabilities, achieve first-time right execution, and prevent major quality incidents.

System Optimization: Continuously advance the integration of quality management across all businesses, processes, and regions of the Company, achieve seamless alignment with customer processes, and progressively build a comprehensive, efficient, and global end-to-end quality management system framework.

"Zero Deviation" Delivery: Strive for zero quality deviation in the delivery of modules and related businesses, and aim to deliver the industry-leading customer quality experience and cost efficiency.

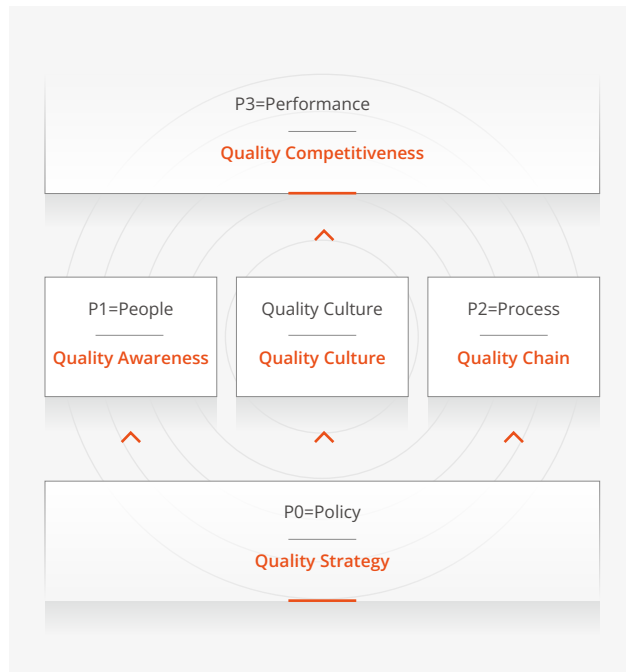
Integrity Management: Uphold the quality red line, actively foster an "Integrity" culture, and cultivate an organizational environment where every employee takes ownership of quality responsibilities.



Quality policy

Customer Satisfaction And Leading Quality

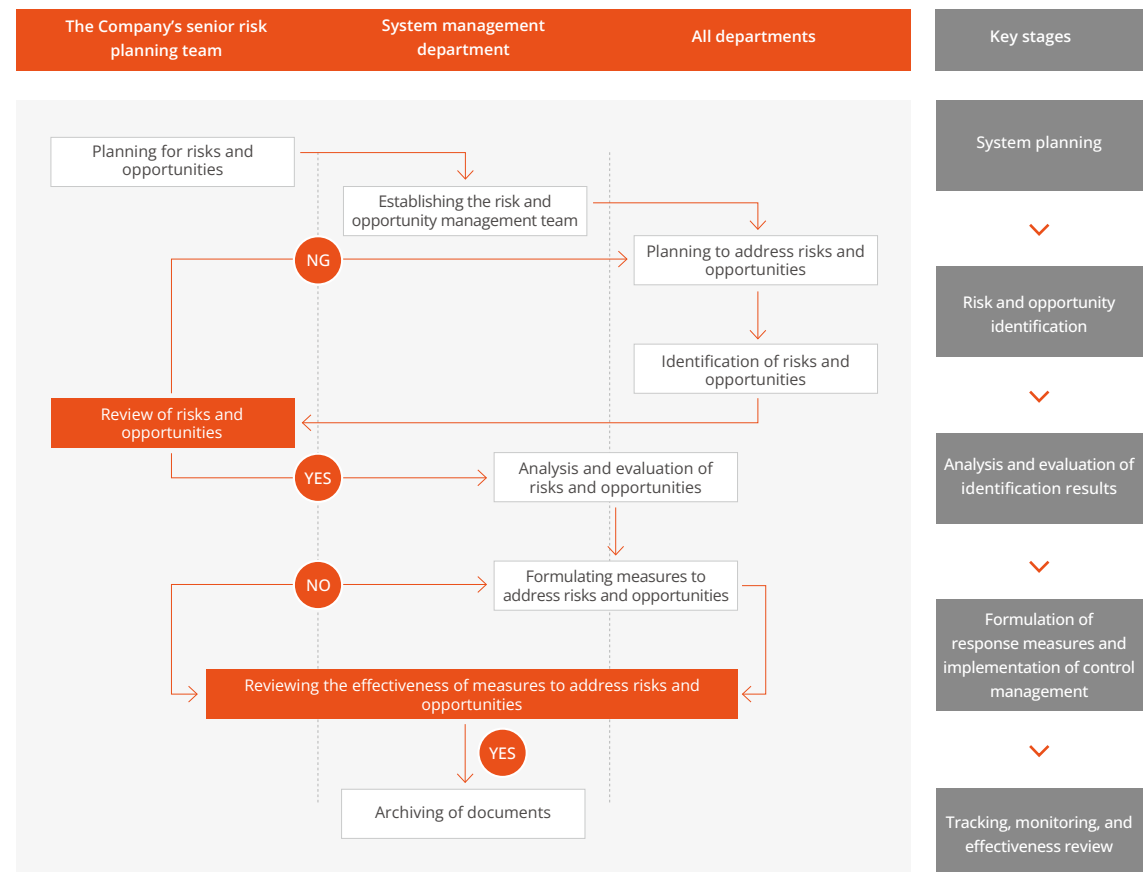
Quality Management Philosophy



Impacts, Risks, and Opportunities Management

To systematically identify the risks and opportunities within the processes, products, and services of the Company's quality management system and to formulate targeted response measures to comprehensively enhance the Company's risk resilience, the Company has established a risk and opportunity management procedure. The System Management Department organizes the identification, analysis, and evaluation of risks and opportunities within the quality management system, while quality management-related departments are responsible for formulating and managing control measures for risks and opportunities in the operational process.

Risk and Opportunity Management Procedure



Quality risk and opportunity identification results

Potential Risks and Opportunities	Impact Description	Value Chain Stage	Impact Timeframe	Financial Impact	Management Measures
Risk					
Mass production quality risks for new high-efficiency cell technology	During the rapid transition to BC cell technology, challenges arise in new production line process stability, control of initial light-induced degradation (LID/LeTID) in products, and the long-term reliability of cells and modules. If mass production quality fails to meet standards, it will lead to power generation losses for customer projects, trigger significant claims, and severely damage the Company's brand reputation and market competitiveness.	Own operations Downstream value chain	Short/Mid-term	Increased non-operating expenses	The Company reinforces the principle of "Quality by Design", implements tiered mass production controls, optimizes and implements the <i>Module New Product Development Process</i> , ensuring that related product quality issues are properly resolved and mitigating mass production quality risks to the greatest extent possible.
Opportunity					
Building brand premium through "ultimate reliability"	In an industry with homogeneous competition, the Company takes the lead in obtaining authoritative third-party certifications, translating high quality into a tangible trust credential for customers, thereby achieving a brand premium and increasing gross profit margin.	Own operations Downstream value chain	Short/Mid-term	Increased gross profit margin	Investing in Top-Tier Certifications and Benchmark Projects: Proactively submitting the latest products to authoritative laboratories for the most rigorous testing and certification, and strategically deploying them in landmark global power plant projects to establish quality benchmarks.

Quality Management Procedure

Guided by customer needs and focused on product quality, AIKO has established and continuously improved its quality management process across the full value chain, ensuring full-process quality control from raw material procurement through manufacturing to product delivery.



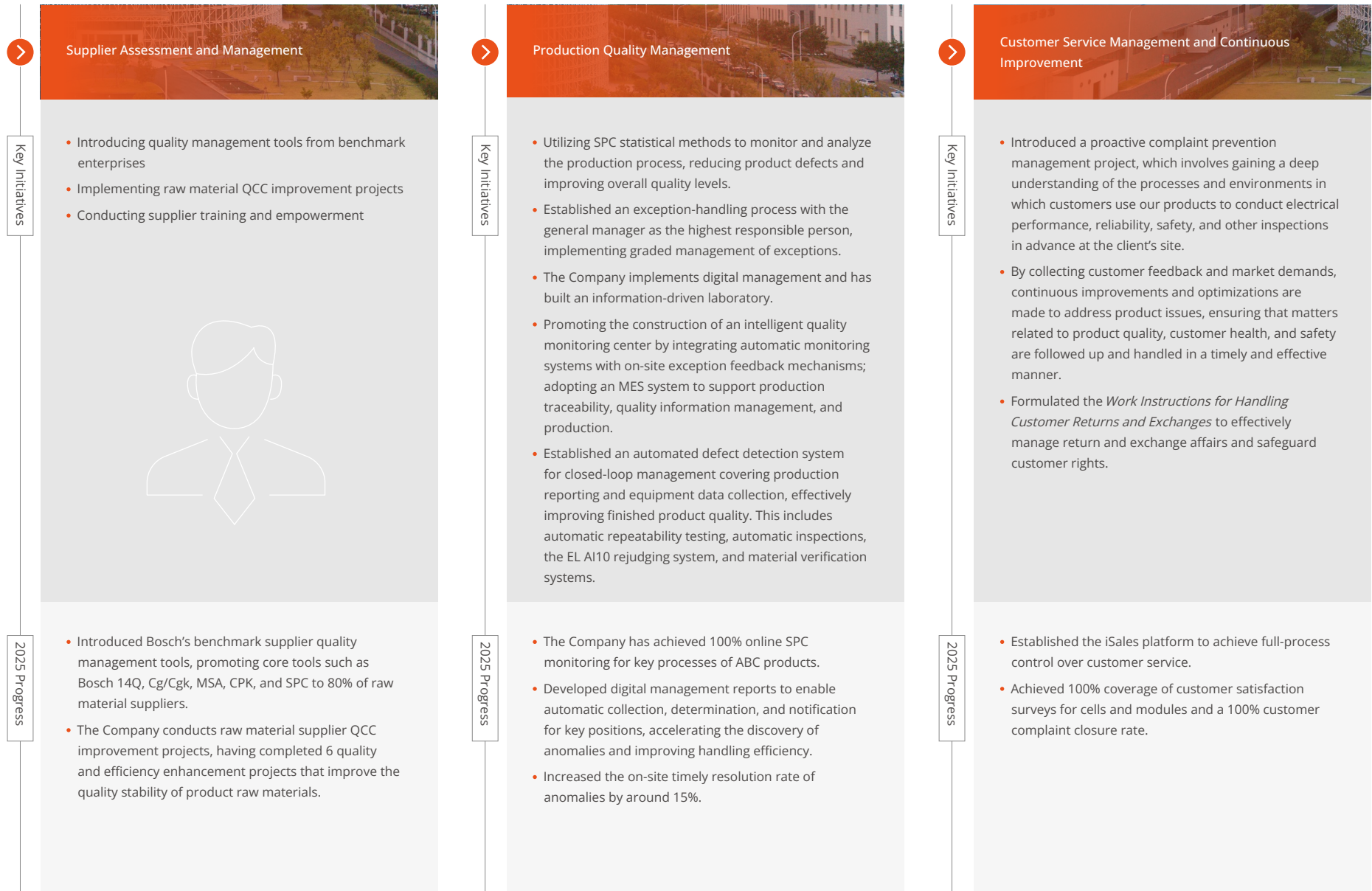
➤

Design R&D and Quality Control

- Enhancement of reliability testing capabilities
- Reliability testing
- Construction of power generation demonstration projects
- Obtaining authoritative certifications
- Enhanced the authority of laboratory testing

2025 Progress

- Pioneered industry-leading accelerated testing methods such as DH/TC/HF/PCT, which, after implementation, effectively reduced energy consumption costs for testing by 40% and shortened testing cycles by 52%.
- Released single-panel UV substitution solutions, improving UV reliability test efficiency by over 10 times.
- Conducted reliability testing and accurate analysis on products such as PERC, TOPCon, and ABC.
- Established 7 power generation demonstration projects, covering residential and commercial & industrial sloped roofs, flat roofs, and ground-mounted stations in settings including grasslands, mountains, gravel, cement surfaces, and sunrooms.
- Our testing center obtained CNAS accreditation and witnessed laboratory certification from TÜV and VDE.

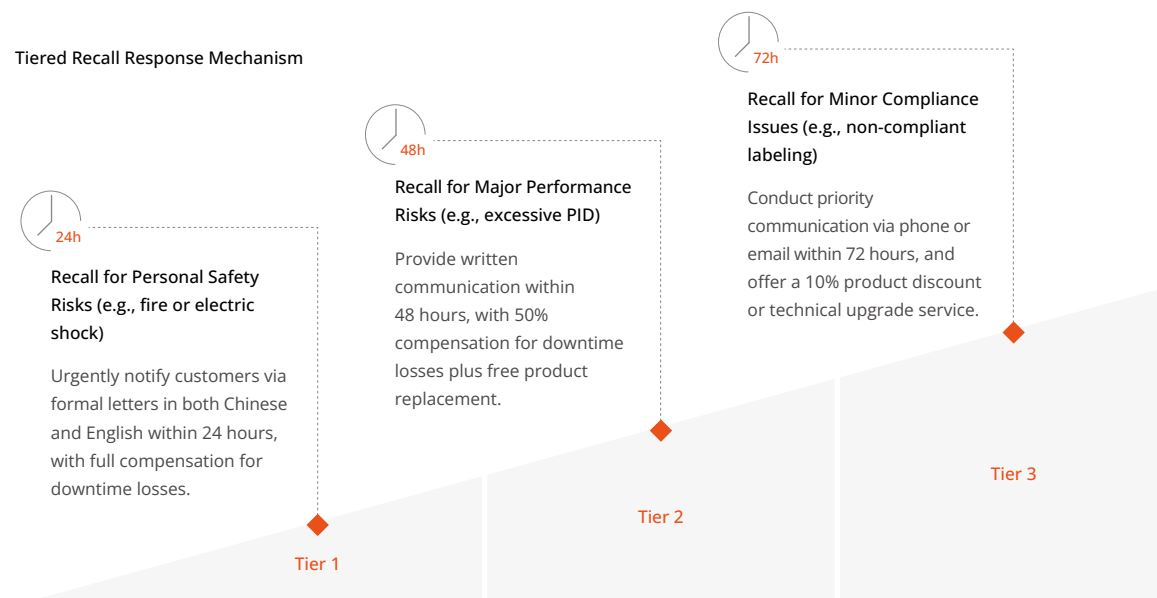


Product Recall Management

The Company has established a recall decision-making system and set up a cross-functional recall decision-making team. The team is headed by the Vice President of Quality and comprises representatives from Legal, Finance, the ESG Committee, and directors of all business departments, to ensure that recall decisions balance compliance, customer interests, and environmental responsibility. Major recall events of the Company are subject to final approval by the Chairman to enhance top-level oversight of ESG risk governance.

The Company implements a three-level recall response mechanism to complete recall-related compensation processing within a specified time frame for different recall levels. All recalls by the Company rely on a complete batch traceability system to accurately identify risky products (covering raw material batch numbers, production orders, and test data), eliminating one-size-fits-all disposal and precisely matching risk levels with customer rights and interests. For recall events, the Company requires a *Product Recall Summary Report* to be prepared within 15 working days after the completion of the recall to identify root causes and promote the closed-loop implementation of the *Corrective and Preventive Action Plan*. Meanwhile, the Company reviews the applicability of the process annually, dynamically upgrades the mechanism in light of new regulations such as the EU GPSR, and converts recall data (recall rate, defect distribution, processing efficiency) into a basis for optimizing the design, process, and quality control systems, so as to reduce environmental and safety risks at the source.

Furthermore, the Company strictly implements environmental protection standards in the photovoltaic industry, integrating environmental responsibility throughout the entire recall chain. 100% of irreparable modules are transferred to institutions with the *Waste Electrical and Electronic Equipment Treatment Qualification* for harmless treatment, ensuring that the recovery rate of heavy metals such as lead and cadmium stably exceeds 95%.



Quality Culture Development

The Company has actively established a three-in-one mechanism of “learning, assessment and communication” through regular quality culture promotion activities including training, knowledge contests, case evaluations and special forums. This systematically improves employees’ quality competence and continuously fosters a quality culture that is customer value-oriented, committed to zero defects and emphasizes accountability across all employees.





The Company Launches a Series of Quality Culture Development Activities to Systematically Improve Employees' Quality Competence

In 2025, the Company established a complete closed-loop quality culture development cycle covering concept dissemination, behavioral incentives and in-depth reflection through three structured activities: the "Quality Knowledge Contest", the "Quality Star" Selection and the "Quality Symposium". These initiatives have effectively supported the implementation of the Company's high-value scenario strategy.

"Quality Knowledge Contest"— Promoting Learning Through Competition to Expand the Foundation of Quality Consensus: The Company held a company-wide "Quality Knowledge Contest" focusing on two major systems: policy concepts and practical tools. The event attracted 6,213 participations in total.

"Quality Star" Excellent Case Evaluation — Recognizing Excellence to Establish Benchmarks for Value Creation: By organizing the "Quality Star" excellent case evaluation, the Company encourages and recognizes employee practices that directly deliver value to customers in daily work. This initiative sets visible and replicable behavioral examples, translating high-quality requirements from standards into vivid stories and stimulating the intrinsic motivation of all employees to participate in continuous improvement.

"Quality Symposium" — Facilitating Improvement Through Discussion to Strengthen Accountability at the Manufacturing Source: The Company organized special symposiums at bases including Yiwu and Zhuhai, using real customer cases to drive in-depth reflection among core departments such as manufacturing, processing and equipment. The meetings reached a consensus on specific actions including "resolutely eliminating low-level mistakes" and "improving the stability of processes and equipment", and proposed the need to strengthen the early feedback of market information to drive quality management toward a more proactive prevention-oriented model.



"Quality Star" Evaluation



Quality Symposium

Indicators and Targets

The Company has formulated the *Quality Indicator Management Specification*, which stipulates the detailed procedures for establishing indicators and targets. In 2025, the indicators set by the Company covered six dimensions: customer demand transmission, design and development & change management, raw material management, production management, customer feedback, and customer satisfaction. They included multiple indicators such as the accuracy rate of internal transmission of customer demands, the number of major customer quality incidents related to reliability, raw material pass rate, product rework rate, customer complaint rate, and customer satisfaction.

During the reporting period



The Company had no product recalls and no violations concerning product health and safety, and therefore no corresponding financial losses.

Product Quality Management Targets/Indicators	Target Setting	2025 Progress
Major customer quality incidents related to reliability	Zero major customer quality incidents related to reliability	No major customer quality incidents related to reliability occurred ✓
NPI/ECN closure rate	NPI/ECN closure rate of 40%	Closure rate of 56.04% ✓

Certifications

The Company focuses on product performance optimization and technological innovation, emphasizing product safety and reliability to ensure that its products fully comply with international standards and market access requirements. As of the end of the reporting period, the Company's products have successfully obtained numerous authoritative certifications, including TÜV, CE, CQC, UK MCS, ETN Listed, TÜV Fire Safety, Italian Fire Prevention, Korean KS, Indian BIS, Indonesian SIN, WEEE Certificate, and Australian CEC Listed.

R&D and Innovation Management

AIKO takes innovation-driven development and independent R&D as its growth engine. The Company continuously optimizes and upgrades its R&D and innovation management system, strengthens its R&D team and key technological capabilities, optimizes R&D and innovation incentive mechanisms, and systematically advances intellectual property layout and achievement protection. Guided by customer needs as the innovation orientation and a long-term zero-carbon vision, the Company is committed to continuously driving breakthroughs in core technologies and product iteration and upgrading.

Governance

The Company has established a sound governance structure for R&D and innovation covering the Group and all bases, where the Product Technology Department is responsible for the competitiveness of mass-produced products to ensure their commercial success. In addition, the Company has established the Kuafu Laboratory, Industrial Automation Laboratory, Digital Energy Business, European Research Institute, and Quality Testing Center, forming a collaborative innovation platform system covering cutting-edge technology research, industrial application and quality validation.

Department	Responsibilities
Product Technology Department	Fully understand and meet customer needs. Aligned with the Company's strategy and value creation, it is responsible for the power, cost and quality of the Company's products, technical solutions to meet customer demands, and successful technical delivery of orders, so as to drive technological improvement of product competitiveness.
Kuafu Laboratory	Drive the full process of AIKO's BC cells and modules from technology R&D and equipment development to mass production launch of the first production line, and oversee factory planning and construction as well as product efficiency and power enhancement.
Industrial Automation Laboratory	Develop new automation and logistics equipment and conduct layout planning and design. Design integrated cell and module factories. Develop the MES system.
Digital Energy	Develop system solutions for generation-grid-load-storage. Conduct zero-carbon research and development.
European Research Institute	Develop forward-looking technologies, conduct in-depth technology exploration and technology reserves, and carry out cutting-edge R&D for next-generation BC products (e.g., tandem cells).
Quality Testing Center	Conduct testing on the Company's R&D samples and new products, formulate testing standards, perform reliability and failure analysis, manage metrology, analyze and improve quality, and carry out field demonstration of product power generation, among other tasks.

Strategy

The Company adheres to the strategic principle of “Quality Improvement and Efficiency Enhancement”. Focusing on product value and customer-segmented scenarios, the Company continuously strengthens product innovation and R&D, and is committed to jointly building differentiated product competitiveness through quality assurance and efficiency improvement.

R&D and Innovation Strategy

Quality Improvement

- Use new materials that combine high quality and environmentally friendly properties and prioritize suppliers with strong ESG performance
- Launch special quality improvement projects
- Establish strategic alliances with suppliers to leverage their technology to build technological barriers and cost advantages for batteries



Efficiency Enhancement

- Plan and manage R&D projects through a unified R&D platform, strengthening technical innovation cooperation to improve R&D efficiency
- Focus on optimizing product performance, deeply researching user needs and application scenarios to enhance product efficiency and strengthen the development of new scenario-based products

Impacts, Risks, and Opportunities Management

R&D and Innovation Risk and Opportunity Identification Results

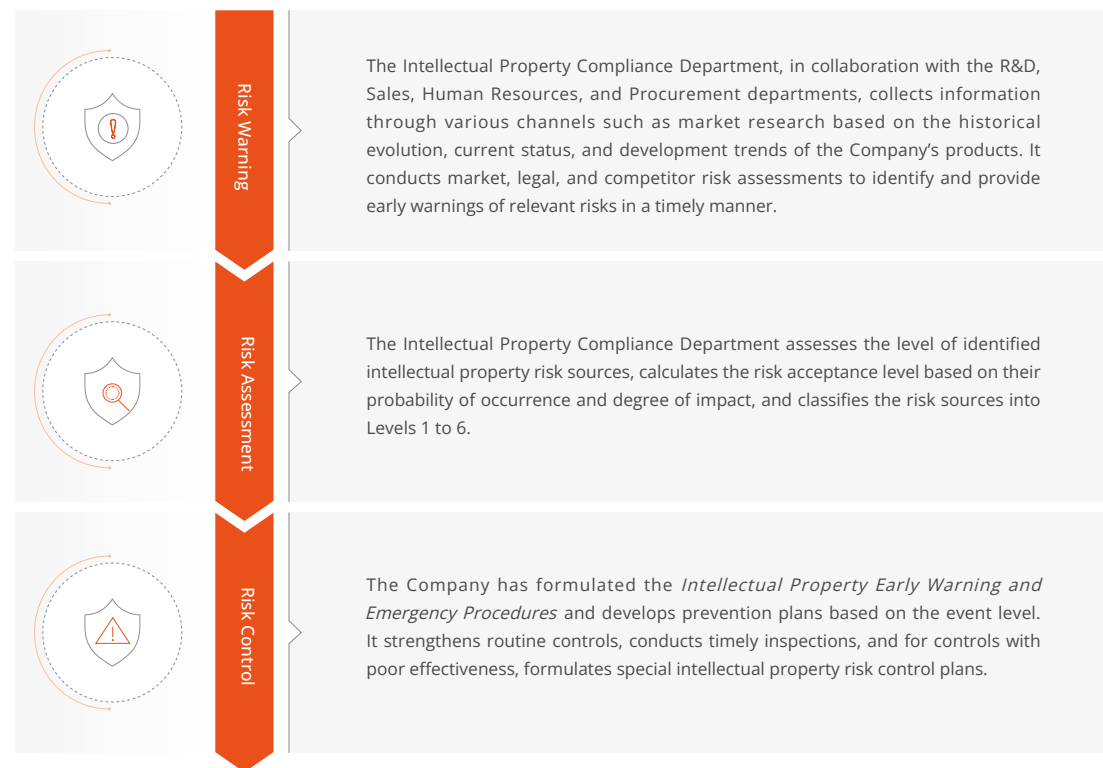
Potential Risks and Opportunities	Description of Impact	Value Chain Stage	Impact Timeframe	Financial Impact	Management Measures
Risk					
Increased overseas intellectual property risks	As global competition in the solar PV industry continues to intensify and technological innovation accelerates, regulatory requirements for intellectual property (IP) protection in overseas markets are becoming increasingly stringent. If the Company fails to fully identify and mitigate related IP risks, it may face patent disputes, product sales bans, and financial losses, thereby undermining its market access, brand reputation, and overseas business expansion.	Own operations Downstream value chain	Short/Medium/ Long term	Increase in non-operating expenses	• Strengthen intellectual property(IP) protection management and establish a compliance system for patent risk prevention and control across the entire industry chain. • Conduct training programs related to IP protection to raise relevant awareness. • Build R&D and technical exchange platforms, strengthen industry-academia-research cooperation, and enhance the Company's own R&D and innovation capabilities.
Opportunity					
Clean energy opportunities	As countries worldwide increase their support for renewable energy, a robust R&D and innovation management system will enable AIKO to seize policy and market opportunities, meeting the market demand for high-efficiency solar PV products through technological innovation and product upgrades.	Own operations Downstream value chain	Short/Medium/ Long term	Increase in revenue	• Continuously invest in R&D development, iterate cutting-edge technologies and innovative products, and fully meet customer needs. • Establish diversified R&D innovation incentives and training programs to empower the development of the technical team.

Intellectual Property Rights (IPR) Protection

The Company strictly complies with laws and regulations such as the *Patent Law of the People's Republic of China* and the *Trademark Law of the People's Republic of China*. It has formulated management policies including the *General Rules for IPR Compliance Management*, the *Procedures for IPR Risk Control*, and the *IPR Early Warning and Emergency Procedures*, as well as the *Patent Management System*, *Detailed Rules for the Management of Patent Rewards*, *Trademark Management System*, and *Copyright Management System*. The Company continually refines its IPR management processes to protect its own IPR while avoiding infringement on others' intellectual property rights.

From a risk control perspective, the Company has established a full-industry-chain patent risk prevention and compliance system and created a panoramic patent map for its core products. Before initiating product development, the Company conducts patent research and analysis to pinpoint critical areas and mitigate risks. During the R&D process, a closed-loop management approach covering early detection, targeted response, and risk elimination is adopted to prevent potential infringements of other companies' IPR.

Intellectual Property Risk Prevention and Control Process



To enhance employees' awareness of intellectual property protection, the Company's R&D, Legal and Intellectual Property Compliance Departments collaborate to regularly conduct a series of integrated online-offline training courses. The curriculum covers basic patent knowledge popularization, patent layout, overseas patent applications, and seminars on corporate IPR risk response strategies.



Intellectual Property Training

R&D Team Building

The Company has established a Technology Advisory Committee, inviting industry experts such as university professors and researchers from research institutes to provide guidance and support on basic theories and cutting-edge technologies for the Company's R&D team.

In 2025

Composition of R&D personnel by academic qualification



565

Total number of R&D personnel



8.65%

Percentage of R&D personnel



21

Doctoral candidates

78

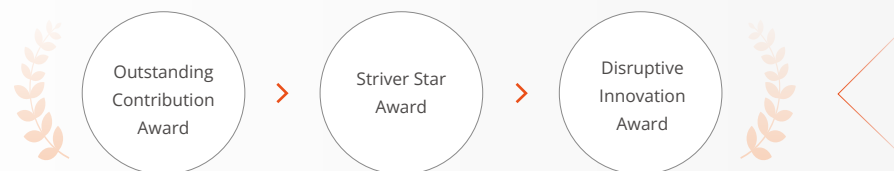
Master's degree candidates

285

Bachelor's degree candidates

R&D and Innovation Incentives

To enhance the Company's independent innovation capabilities and strengthen its core competitiveness, the Company has formulated the *Detailed Rules for Patent Reward Management*. It has established awards including the Patent Application Award, Patent Grant Award, International Patent Award, and Patent Star Award, with cash rewards granted according to patent types. Meanwhile, the Company has also introduced diversified honors and bonus incentives such as the Outstanding Contribution Award, Striver Star Award, and Disruptive Innovation Award. An equity incentive plan is also available for core talents to fully motivate employees' enthusiasm for technological innovation and boost the output of patented innovative achievements. Furthermore, R&D personnel may apply to join the Company's "Market-Technology-Delivery" cross-functional teams to directly participate in designing customer scenario-based solutions, with the team sharing profit shares after the commercialization of achievements. In addition to cash incentives, the Company has established an internal innovation fund, under which employees may submit technical proposals and obtain funding or equipment support upon review and approval.



R&D and Technical Exchange Platforms

The Company has established R&D departments including the Kuafu Laboratory, Jupiter Laboratory, Product Technology Department, Testing Center, and Industrial Automation Laboratory. It has built 13 provincial and municipal-level innovation platforms in Zhejiang, Guangdong and Tianjin, and actively established cooperation platforms with overseas research institutions, forming a sound R&D platform system. Among them, AIKO's Key Enterprise Research Institute for Solar Cells has undertaken more than 20 provincial and municipal science and technology plan projects and won one Zhejiang Provincial Science and Technology Progress Award.

R&D Qualifications Obtained by the Company

Zhejiang Provincial High-Tech Enterprise Research and Development Center

Zhejiang AIKO Solar Cell Enterprise Research Institute

Provincial Enterprise Technology Center of Zhejiang AIKO Solar Technology Co., Ltd.

Zhejiang AIKO Solar Cell Key Enterprise Research Institute

Zhejiang Provincial Postdoctoral Workstation

Guangdong Provincial Key Laboratory of Crystalline Silicon Solar Cell Technology and Application

Guangdong Provincial Solar Photovoltaic Engineering Technology Research Center

Tianjin Municipal Enterprise Technology Center

Zhuhai Municipal Solar Photovoltaic Device (AIKO) Engineering Technology Research Center

Zhuhai Municipal Enterprise Technology Center

Zhuhai Key Laboratory of Back-Contact Solar Cell Technology

Guangdong Provincial Solar Photovoltaic Device (AIKO) Engineering Technology Research Center

During the reporting period



The Company obtained two new qualifications: Zhuhai Key Laboratory of Back-Contact Solar Cell Technology and Guangdong Provincial Engineering Technology Research Center for Solar Photovoltaic Devices (AIKO).

Standard Setting

In 2025, AIKO participated in a total of 31 standard formulation and revision projects, including international, national, regional, association and industry standards. Among them, 6 national standards and 15 association standards have been issued.

Training and Empowerment

To continuously enhance R&D innovation capabilities and the efficiency of technology commercialization, the Company has established a systematic and multi-level training and empowerment system. This system covers new employee onboarding, professional technical capability improvement and R&D management capability development, and continuously strengthens the professional competence, innovation awareness and collaboration capabilities of R&D personnel. Meanwhile, the Company has set up a "Campaign Debrief" workshop and holds quarterly project review meetings, where project leaders share root causes of failures and improvement plans.

In 2025, the Company built an internal lecturer team dedicated to promoting the systematic accumulation and efficient inheritance of key technologies and practical experience, so as to provide solid talent support and knowledge reserve for key technological breakthroughs and continuous product iteration.

During the reporting period



The number of certified lecturers in the R&D system reached 150, and specialized courses such as "BC Technology Iteration" and "Copper Plating Process Pitfalls" have been developed.

Training Type	Training Purpose	Key Training Content/Courses
New Employee Onboarding Training	Promoting awareness of R&D innovation compliance, including business secret protection	• Policies on corporate culture, business secret protection, workplace safety, and lean production • Utilizing a “technical sandbox simulation” to instill knowledge of the end-to-end process from silicon wafer to module
“Morning Sun Plan” for New Managers	Enhancing R&D and management capabilities	• Scenario-based R&D: From customer pain points to technical solutions • Zero-defect management
“Red Sun Plan” for Management	Enhancing strategic and management capabilities	• Strategy decoding and resource allocation • R&D team motivation and high-performance culture building • Product management training course
Product Technology Training	Improving employees’ understanding of technology evolution trends, product performance, and quality control	• Specialized training on competitive analysis, product features, design, and applications of Aiko’s module products in the China region
R&D Management Training	Enhancing R&D organizational management, cross-departmental collaboration, and project execution capabilities to drive the efficient implementation of R&D activities	• How to build a high-performance R&D team • The 10-step method for practical project management

Indicators and Targets

From 2024 to 2025, the Company increased the mass production conversion efficiency of its module products from 24.2% to 24.8%. With a mass production efficiency of over 24.2% for Aiko’s ABC modules, the Company has ranked first in the TaiyangNews Mass Production Efficiency Ranking and received the “2025 TaiyangNews Badge of Excellence for PV Module Manufacturer with Highest Mass Production Efficiency” (Top Solar Modules 2025 Badge of Excellence).

Research and Innovation Achievements

> Key Performance | In 2025

RMB **352** million

R&D investment

3,788

The Company has cumulatively filed patent applications

1,346

obtained granted patents

375

including invention patents

1,910

It has filed patents related to ABC technology

750

of which have been granted

The Company was selected for the Zhejiang High-Value Patent Cultivation Project, a special program dedicated to “shaping excellence and leading the development” of strategic emerging industries and future industries.



The Company Receives the China Patent Excellence Award

The Company Innovatively Launches a Series of Scenario-Based ABC Module Products Including Anti-Hail, Fire-Resistant, Anti-Soiling and Anti-Glare Versions

AIKO has launched anti-hail module products specifically for hail-prone regions. Compared with TOPCon modules featuring a relatively loose and fragile structure, AIKO's ABC modules adopt copper interconnection technology for a more robust structure that effectively resists hail impact. These anti-hail modules have obtained TÜV certification for withstanding 40 mm hail impact, demonstrating stronger resistance to hail damage in practical applications.

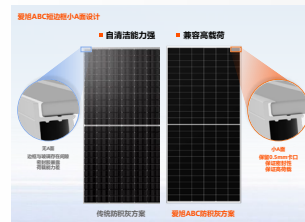
To address the decline in power generation efficiency and shortened service life of PV modules caused by dust accumulation, the Company has developed AIKO's ABC anti-soiling modules. Featuring a unique short frame and small A-side design, these products effectively reduce dust buildup, delivering a 2% higher power output than conventional modules. (For details on fire-resistant and anti-glare products, please refer to "Customer Health and Safety").

AIKO's ABC modules are the first in the industry to feature an innovative high-temperature suppression function. They deliver outstanding surface temperature performance across four rigorous test scenarios: enhanced hot-spot testing, diode thermal performance testing, reverse current overload testing and outdoor field validation. The modules have been awarded the world's first "Module-Level Fire Risk Resistance" Certificate by TÜV Rheinland, an international independent third-party testing, inspection and certification body.

Based on international standards such as IEC 61215 and IEC 63126, TÜV Rheinland has established stringent test criteria far exceeding industry averages for this certification. By simulating the most extreme operating conditions, it verifies the modules' fire resistance performance under extreme scenarios such as hot spots and overloads.



AIKO's ABC Module Awarded TÜV 40 mm Anti-Hail (Monofacial) Certificate



The Company's Anti-Soiling ABC Module Products



"Module-Level Fire Risk Resistance" Certificate by TÜV Rheinland

AIKO Verifies Power Generation Advantages of ABC Modules in Extreme Scenarios

In 2025, AIKO's ABC modules demonstrated exceptional heat resistance in a commercial and industrial rooftop demonstration project in Sydney, Australia. Over a 206-day validation period under typical Australian conditions of strong irradiance and high temperatures, the ABC monofacial 475W module achieved a cumulative per-kW power gain of 7.40% and a cumulative per-unit-area power gain of 10.02% compared with competitors' XBC modules.

In a ground-mounted demonstration project in Pretoria, South Africa, under even harsher testing conditions, AIKO's ABC bifacial 645W module achieved a cumulative per-kW power gain of 8.19% and a cumulative per-unit-area power gain of up to 13.46% compared with competitors' XBC monofacial 615W modules after 268 days of rigorous operation.

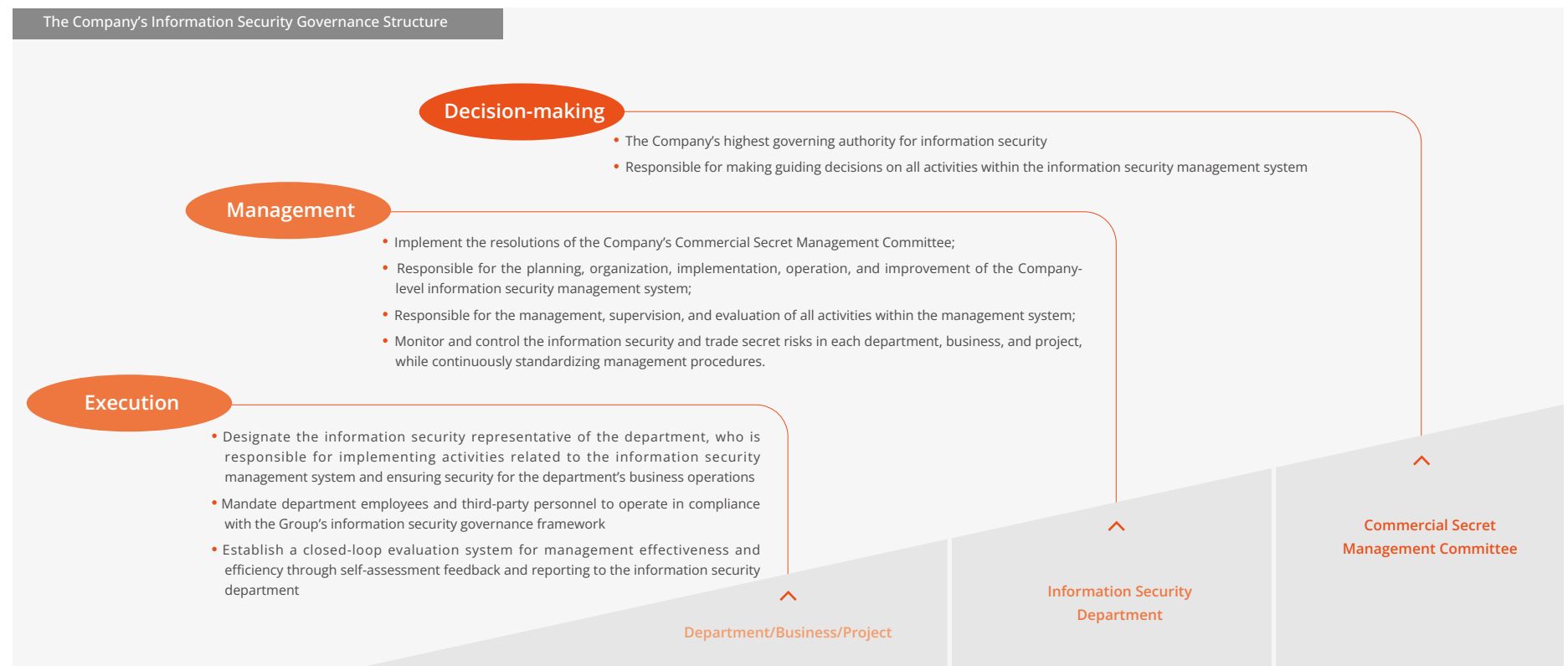
At the offshore PV demonstration base in Yantai, Shandong, facing severe challenges of high humidity and high salt mist, AIKO's ABC modules achieved a cumulative per-kW power gain of 5.25% compared with conventional TOPCon modules. This fully validates the "growing stronger under harsh conditions" characteristic of ABC modules: the more severe the environment, the higher the temperature and the stronger the irradiance, the more fully their performance advantages are unleashed.

Information Security Management

AIKO shows a strong commitment to information security and customer privacy protection. The Company continuously improves its information security management framework and management policies, raising employee awareness of information security and operational standards to ensure the confidentiality, integrity, and availability of its information assets. Through institutionalized and systematic management and continuous improvement, the Company achieves dual enhancements in information security and customer data protection, providing a solid guarantee for stable operations and customer trust.

Information Security Management System

The Company has formulated the *Information Security Management Charter* and established an information security management structure. The Business Secrets Protection and Management Committee serves as the highest management body, chaired by the Company's Chairman, who is responsible for making guiding decisions on all activities of the Information Security Management System.



> Key Performance | In 2025

The Company and all its bases are managed in accordance with the Information Security Management System (ISMS). The Yiwu Base has been certified under the ISO 27001 Information Security Management System.



Zhejiang AIKO ISO 27001 Certification

The Company attaches importance to information security and data security management for partners such as suppliers and contractors, and has formulated procedures including the *Supplier Information Security Management Procedure* and *Outsourced Personnel Information Security Management Specification* to ensure standardized information security management of partners.

Information Security and Confidentiality Measures for Suppliers and Other Partners

Access and Background Check Management

- Before suppliers and their personnel enter the premises, necessary access reviews and background checks are conducted, with a focus on personnel compliance and potential conflicts of interest to reduce information leakage risks at the source.

Non-Disclosure Agreement Signing

- Sign non-disclosure agreements with suppliers prior to cooperation and specify liability for breaches and disposal requirements;
- Provide information security and confidentiality training before site entry to strengthen partners' compliance awareness and clarify responsibility boundaries.

On-site and Access Control Management

- Implement least privilege authorization for suppliers' activities in the Company's production and office areas, and restrict access to non-business-related information assets through escorted management and access control.

Information and Equipment Usage Management

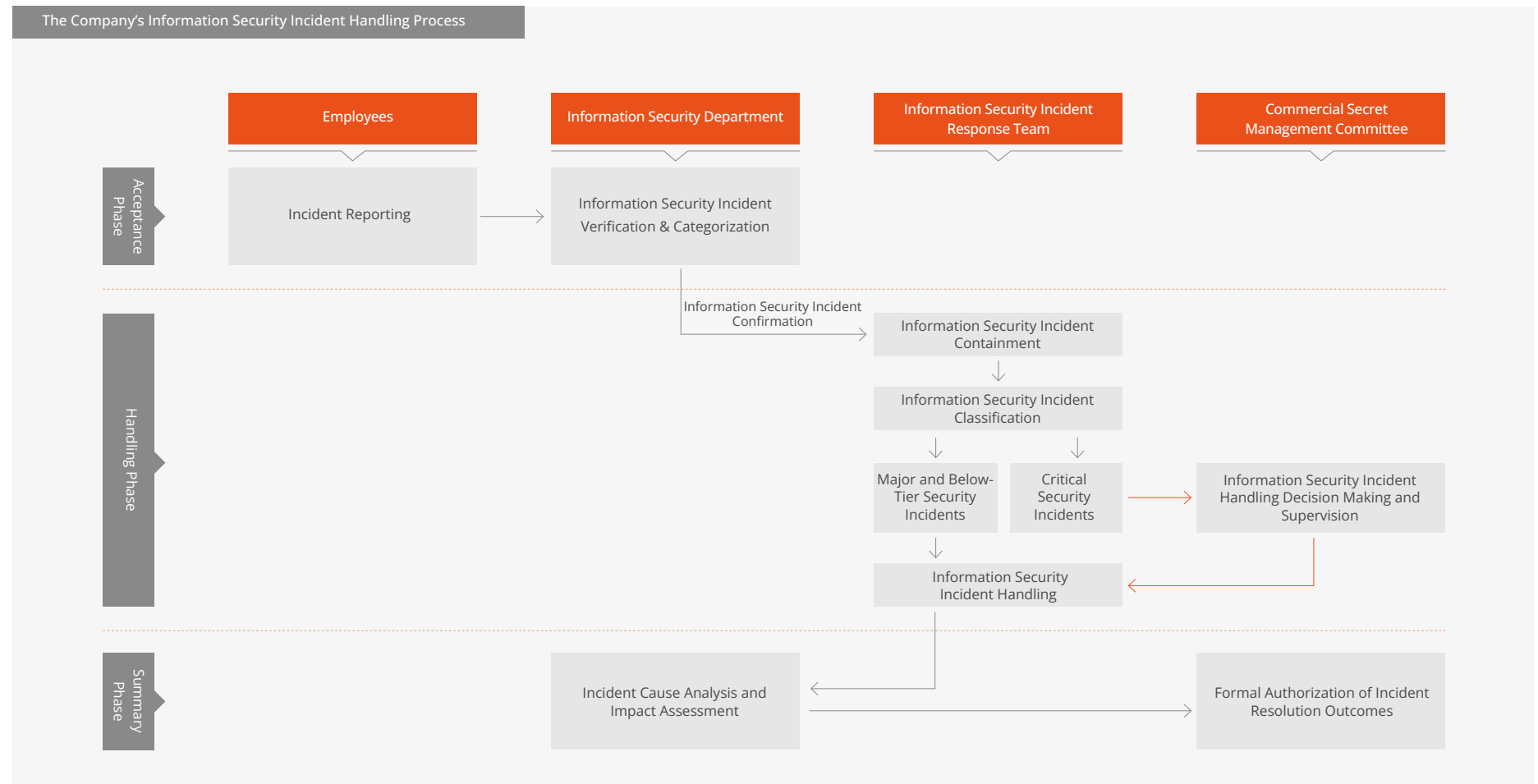
- Uniformly regulate the use of systems, equipment and information, requiring partners to operate in accordance with the Company's information security requirements to avoid risks of unauthorized data storage or information leakage.

Information Security Emergency Drills

To test and ensure the completeness, operability and effectiveness of the information security continuity plan, verify the availability of information security continuity resources, and enhance the comprehensive response capability to operational disruptions, the Company organizes annual information security continuity drills and emergency drills. The Company's Process IT Department shall develop an information security continuity drill plan, set corresponding drill objectives and scenarios based on business characteristics, and make overall arrangements for drill frequency, methods and implementation procedures. Relevant departments record key processes during drills, promptly summarize, assess and implement necessary improvements for problems identified in drills to form a closed-loop management. During the reporting period, the Company conducted database recovery drills for the OA system, contract management system and other systems at different plants. The drills were successfully completed and verified the recovery capability of key systems in the event of interruptions.

Information Security Incident Handling Process

The Company has formulated policies including the *Information Security Incident Management Procedure*, *Information Security Incident Handling Specification* and *Information Security Business Continuity Management Specification*, establishing an information security incident handling process to classify, grade and control information security incidents. For general information security incidents, the Information Security Incident Response Team will contain, classify and handle such incidents. For particularly major information security incidents, they will be escalated to the Business Secrets Protection and Management Committee for decision-making and supervision. In the event of an information security or privacy breach, the Company's Information Security Department will handle the matter in collaboration with the Legal Department.



Information Security Risk Assessment and Auditing

The Company has formulated and implemented policies and specifications such as the *Management Specifications for Information Security Risk Assessment* and *Information Security Blue Team Construction Work Guidelines*, incorporating information security risks into the Group's risk management processes. The Company has established a bidirectional information security audit mechanism between the Group and its bases to promptly identify related risks and ensure the implementation of information security control measures.

The Company conducts at least one information security audit annually through a combination of regular internal and external audits, and promptly rectifies any non-conformities identified to ensure the effectiveness of the Information Security Management System (ISMS) and its control measures. In 2025, the Company conducted internal and external information security audits in May and July, respectively. The internal audit primarily covered organizational, personnel, physical, and technical controls, encompassing multiple dimensions including information security objectives and organization, human resources security, asset management, access control, cryptography, physical and environmental security, operational security, communication security, system acquisition, development, and maintenance, supplier relationships, information security incident management, and business continuity management. The external audit was conducted by an independent third-party organization to review the overall compliance and operational effectiveness of the Company's ISMS, providing independent verification of the compliance and effectiveness of the Company's information security management. All weaknesses identified in the audits have been incorporated into rectification plans, achieving a closed management loop.

Bidirectional Information Security Audit Mechanism Between the Group and Its Bases



Group-Wide Compliance Audit: The Information Security Department organizes group-level internal security audits and risk assessment programs at least once a year

Group Randomized Inspection: The Information Security Department conducts randomized inspections of base audits at least quarterly
Base Self-Audit: The base conducts Confidentiality Blue Team Compliance Verification at least weekly

Information Security Training

To continuously enhance the information security management capabilities and awareness of its employees, the Company regularly delivers online or offline information security training to IT personnel, new hires, key project employees, and third-party partners such as suppliers. It also uses examinations to assess employees' and stakeholders' understanding of information security management requirements, thereby strengthening the information security defense line.



Information Security Training for the Company's IT Personnel



Information Security Training for New Employees at the Zhuhai Base



Basic Process Knowledge Training for the Company's IT Personnel



Information Security Training for New Employees at the Yiwu Base

The Company's Information Security Training System

Training Target	Training Format	Training Frequency	Main Training Content
IT Personnel	- Offline - Conducted centrally by the group	Regularly	- Professional skills enhancement for IT personnel - Awareness training on strengthening IT access compliance controls - Basic process management training for IT personnel
New Employees	- Offline - Conducted separately by each base	By date of hire	- Basic Information Security Knowledge: the Company's information asset classification, levels, etc. - Legal and regulatory risks of unauthorized disclosure - Confidentiality Guidelines: three core principles & four operational rules - Information security risk case studies - Daily information security responsibility awareness - Reporting channel awareness training
Employees on Key Projects	- Online - Conducted uniformly by the group	Twice a year	- Basic Information Security Knowledge: the Company's information asset classification, levels, etc. - Importance of information security management - Legal and regulatory risks of unauthorized disclosure - Specific Information Control Requirements for Key Projects: equipment & process management - Confidentiality Guidelines: three core principles & four operational rules - Information security negative case studies - Daily information security responsibility awareness - Reporting channel awareness training
Suppliers and Other Third Parties	- Offline - Conducted separately at each base	Before entering the facility	- General Confidentiality Training: the Company information classification, legal requirements, penalties for breaches, etc. - The Company confidentiality policy awareness training

> Key Performance | In 2025

2

The Company conducted specialized information security training sessions for employees in confidential project teams and key positions

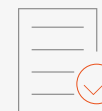
8,849

with a total of participants

100 %

The Company achieved employee coverage for data security and privacy protection training

During the reporting period



No incidents related to information security, data security, customer privacy or data breaches occurred, and no economic losses arose from such incidents.

Customer Privacy Security

The Company has established policies including the *Information Security Management Procedure for System Acquisition, Development and Maintenance*, *Security Management Specification for Application Release*, *Security Management Specification for Data Masking*, *Employee Privacy Policy* and *AIKO Official Website Privacy Policy*, and strictly controls information access rights in accordance with the principle of least privilege. Meanwhile, the Company fully protects customer privacy and security through a series of specific measures, including deploying encryption gateways, providing enhanced training on IT access compliance, encrypting or masking sensitive data, optimizing customer master data functions in the iSales system, and assigning dedicated staff to review customer information.

Information Security Reporting Channels

The Company has established information security reporting channels, incentive mechanisms and whistleblower protection mechanisms applicable to the Group and all bases. Employees are encouraged to report any information security issues or incidents as soon as they arise.



Reporting Channels

Email security@aikosolar.com

Key Measures for Customer Privacy Protection

1

Access and Permission Management

- Implements hierarchical and role-based control over system access rights based on the principle of least privilege, and uniformly manages account and password strength to prevent unauthorized access risks.
- Provides training on IT access compliance and fine-grained permission management to enhance IT personnel's understanding of permission usage and compliance requirements.

2

Data Security Protection

- Adopts technical measures such as encryption and data masking for sensitive customer and business data, and uses encrypted transmission protocols to ensure data confidentiality and security during transmission.

3

System and Network Security Management

- Strengthens security management over external access traffic and system operating environments through system architecture isolation, network access control and security protection measures.
- Deploys encryption gateways to provide encryption protection for customer privacy-related systems such as CRM, iSales, ECS, CLM and WMS.

4

Application and Environment Security Management

- Implements security hardening for externally launched application systems and strictly manages the production environment to reduce application-level security risks.

5

Security Testing and Verification

- Conducts security assessments including penetration testing and vulnerability scanning before system launch and external opening, to identify and remediate potential risks in a timely manner.

03 Embracing Responsibilities for Ecological Harmony

As a pioneer in the global solar photovoltaic (PV) industry, AIKO deeply integrates the concept of green and sustainable development into corporate strategy. The Company adheres to a low-carbon orientation throughout the entire product lifecycle, leverages digitalization to enhance the intensive use of resources and clean production, and comprehensively improves organizational climate resilience. The Company is committed to becoming an environmentally friendly industry benchmark, driving green transformation through technological innovation and contributing to global ecological civilization with practical actions.

Material issues covered in this chapter

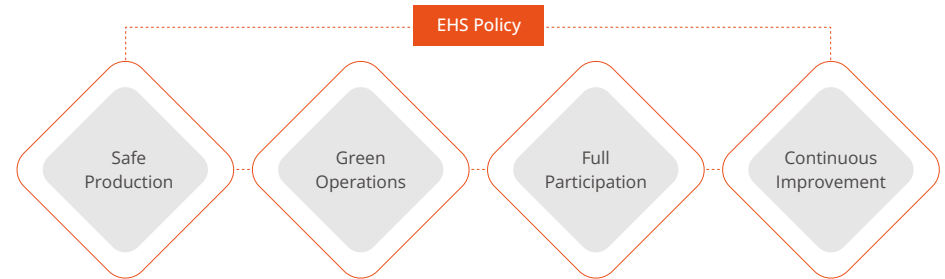
- Environmental Management
- Energy Management
- Clean Energy Opportunities
- Water Resources Management
- Pollutant and Waste Management
- Response to Climate Change
- Product Lifecycle Management

UN SDGs addressed in this chapter



Environmental Compliance Management

AIKO adheres to the EHS policy of “Safe Production, Green Operations, Full Participation, and Continuous Improvement”. The Company strictly observes environmental regulations and diligently promotes the development of environmental management system. It has established a closed-loop control mechanism that covers everything from risk identification to emergency response, ensuring that green principles are integrated throughout operations. By fostering a company-wide culture of environmental protection and building efficient and clean “green factories”, the Company continuously improves environmental governance effectiveness, thereby strengthening the ecological foundation for compliant corporate development.



Environmental Management System

Policy Framework

The Company continuously improves top-level environmental management design, having formulated and implemented specific environmental governance documents such as the *Regulations on Environmental Protection and Resource Conservation*, *Environmental, Occupational Health and Safety Management Manual*, *Regulations on Waste Gas Pollution Prevention and Control*, *Regulations on Wastewater Pollution Prevention and Control*, and *Administrative Regulations on Environmental Management Information Reporting*, which establish standardized control procedures and provide institutional support for clarifying and implementing uniform environmental management requirements across all of the Company's production bases.

Management Structure

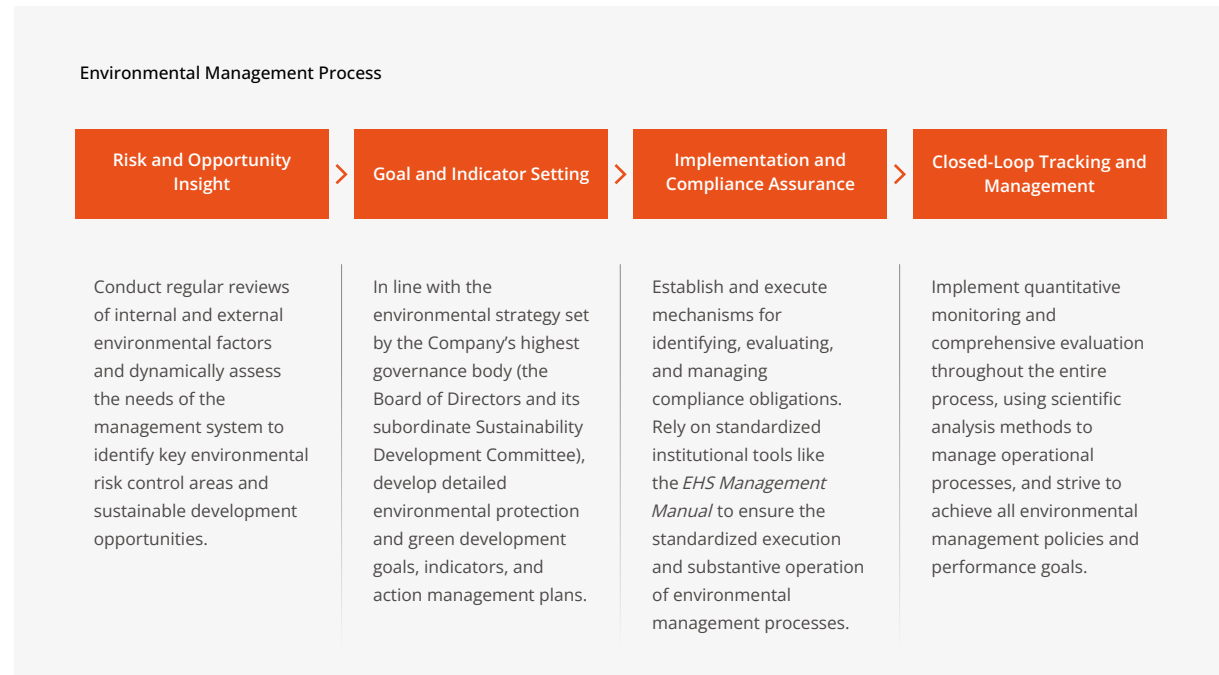
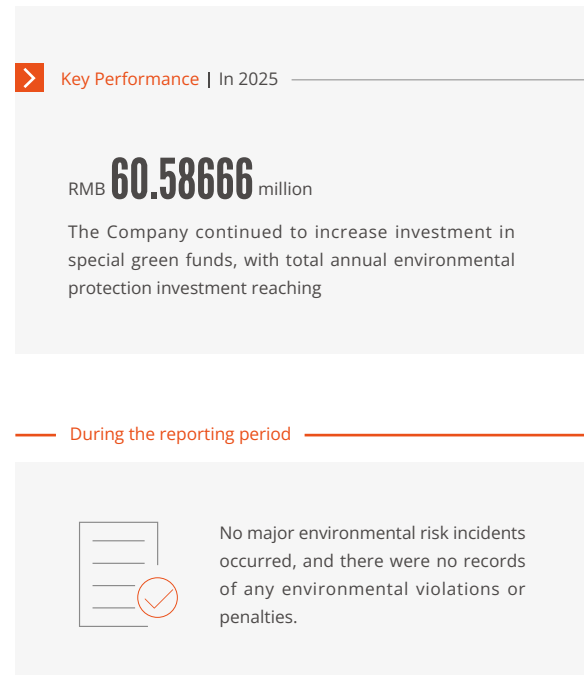
We have established and implemented an environmental management responsibility system led by the General Manager. In terms of management structure, a dual management mechanism is in place, with the Factory Administration Department handling operations and the Environmental Health and Safety (EHS) Department providing oversight, ensuring a balance between operational efficiency and compliance supervision. Regarding operational mechanisms, each base strictly adheres to a “weekly coordination, monthly reporting” system. The base's EHS Department and Factory Administration Department hold weekly communication meetings, and monthly reports on key performance indicators and work status are submitted to the Company's CEO through the Work Safety Committee, with progress on pending items tracked to drive the achievement and improvement of environmental management goals.

Environmental Risk Management

The Company strictly fulfills its primary responsibility for environmental safety and continues to optimize *Environmental Factors Identification and Evaluation Procedures* and *Risk and Opportunity Control Procedure*. The Company has conducted identification of environmental factors and risk assessments for production processes and has formulated corresponding response measures. A special list of significant environmental factors has been established for strict monitoring to ensure that environmental risks are effectively controlled.

In accordance with regulatory requirements, the Company has prepared and filed the *Emergency Plan for Sudden Environmental Incidents*, establishing a compliant environmental emergency management system. At the same time, the Company has defined prevention processes and response measures for incidents and disasters such as extreme weather and earthquakes. It has also developed an annual drill plan for pollution sources including waste gas, wastewater, and solid waste to effectively enhance practical ability to respond to emergencies.

During the reporting period, the Company conducted environmental hazard investigations and environmental factor identification at Jinan, Tianjin, Yiwu, Foshan, and Zhuhai bases in line with routine risk control mechanism. Each base combined weekly investigations with regular assessments to dynamically update the list of environmental factors and implemented key controls for identified significant factors to ensure they remain within manageable limits. For any identified hazards, the Company strictly implemented corrective actions, forming a closed loop for risk management.

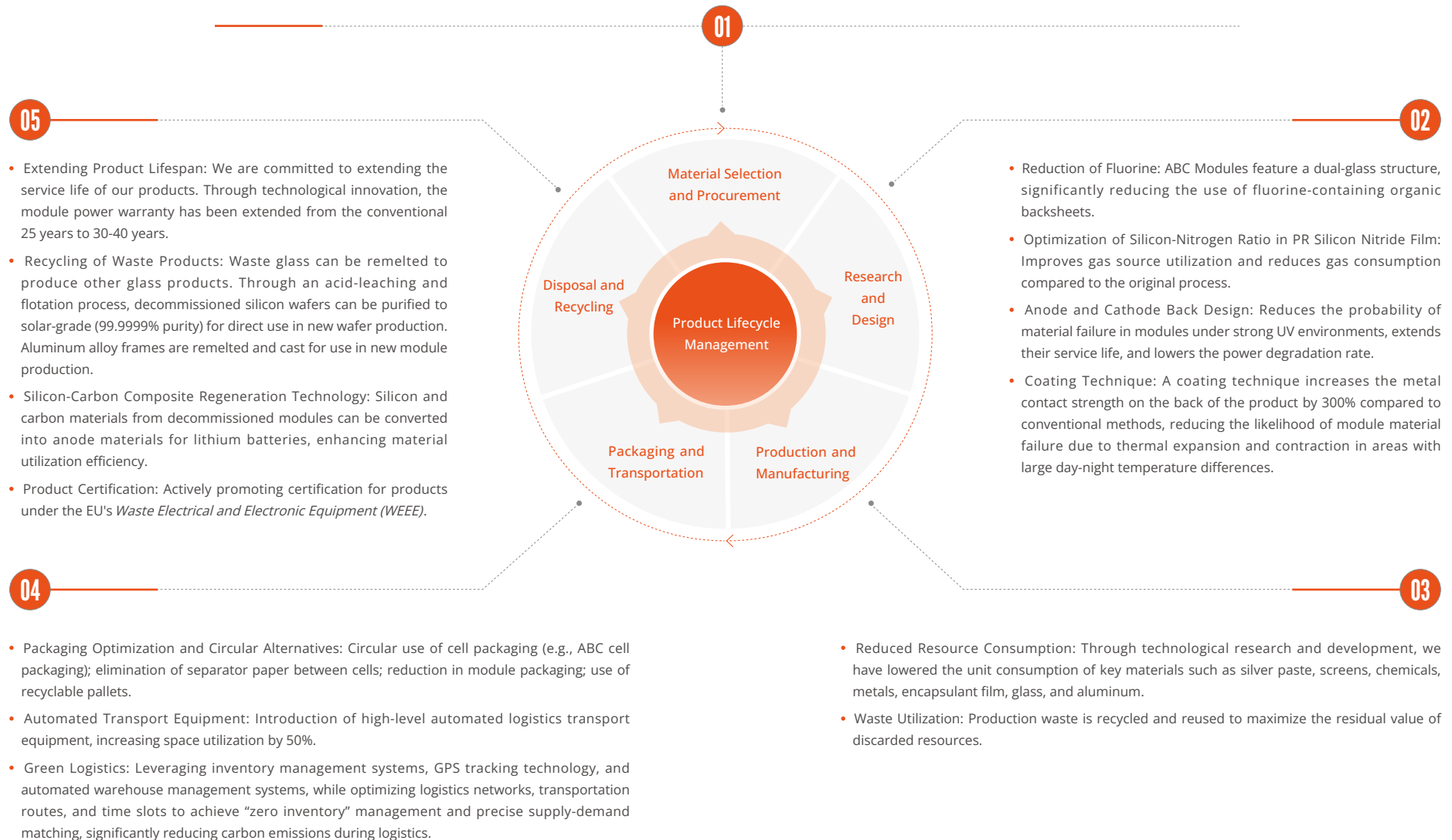


Product Lifecycle Management System

The Company strictly adheres to the relevant requirements of the EU's *Waste Electrical and Electronic Equipment (WEEE)* and participates in and fulfills product take-back responsibilities. We benchmark against the EU's Eco-design Directive standards, integrating the "design for recycling" philosophy into our product lifecycle management. This involves quantitatively assessing and controlling the environmental impact of our products throughout their entire lifecycle, from procurement, design, and production to transportation and end-of-life disposal. During the reporting period, the Company participated in WEEE-compliant recycling programs in over 17 European countries and regions, covering main European sales markets such as Germany, France, the United Kingdom, Belgium, Spain, Sweden, Finland, Denmark, and Greece. These efforts continuously reduce the potential environmental impact of products at their end-of-life stage and lay the foundation for promoting resource circulation and green product design.

Additionally, the Company continues to pursue technological breakthroughs in areas such as high-efficiency energy conversion, low energy consumption, and resource recycling, thereby reducing the environmental footprint of products throughout their lifecycle while continuously enhancing market competitiveness and sustainable value.

- **Green Electricity Usage:** Green electricity is used in manufacturing starting from the polysilicon stage, helping ABC cell products achieve green certification.
- **Adoption of Environmentally Friendly Materials:** PV modules extensively use recyclable materials, with glass (approx. 78%) and aluminum (approx. 9.3%) as the main components, along with silicon (2.8%), copper (0.9%), and rare metals (0.5%), ensuring the potential for resource recycling. ABC modules use copper plating technology instead of traditional lead-based solders, preventing heavy metal pollution of soil and water at the source.



— Ecological Protection

AIKO strictly implements environmental laws and regulations such as the *Environmental Impact Assessment Law of the People's Republic of China* and the *Regulations on the Environmental Protection Management of Construction Projects*. The Company has formulated a *Biodiversity Protection Policy*, strictly abides by “ecological red zones”, and proactively avoids sensitive ecological areas, integrating the concept of ecological protection throughout the entire lifecycle of projects, including design, construction, and operation.

As one of the first members of the China PV Sand Control Committee, the Company is deeply involved in the “PV Great Wall” national ecological project. It actively responds to the *PV Sand Control Plan for the Three-North Desert, Gobi, and Wasteland Areas (2025-2030)*, deeply integrating clean energy development with desertification control. The Company promotes the planning and solutions for new “PV + Ecological Environment Governance” scenarios, taking practical actions to maintain the ecological resilience and biodiversity of project sites.



The Company Attends the Inaugural Meeting of the Photovoltaic Sand Control Special Committee and Unveils AIKO's New Photovoltaic Sand Control Plan

In May 2025, AIKO as one of the first core member units, participated in the inaugural meeting of the Photovoltaic Sand Control Special Committee of the China Photovoltaic Industry Association. Han Xu, Senior Vice President of the Company and Dean of the European Zero-Carbon Research Institute, unveiled for the first time AIKO's new scenario planning and solutions for “photovoltaics + ecological environment governance”. Relying on a 5,000-acre experimental base for “photovoltaic sand control + modern high-efficiency facility agriculture”, the project aims to create a benchmark for integrating ecological restoration and industrial revitalization through soilless cultivation of high-economic-value crops and a land-based crop rotation model. Through the ecological layout of photovoltaic arrays, the Company has developed a three-dimensional governance model featuring “power generation on panels, revegetation under panels, sand blockage by greenhouses, sand fixation between panels, high-efficiency planting, customized light distribution, and agricultural support”. To address the unique environment of desert regions, the Company has developed photovoltaic mounting systems and windbreak and sand-fixation devices adapted to different landforms, whose modular design allows for the rapid formation of ecological barriers. By simulating airflow to optimize array spacing, the project effectively improves the local microclimate, creating foundational conditions for vegetation recovery.



AIKO Wins Bid for A Desert Demonstration Base Project of China Three Gorges Corporation

In 2025, leveraging the high reliability and value of ABC modules in environments characterized by extreme drought, strong wind and sand abrasion, and high salinity, AIKO successfully won the bid for Section BC of a desert photovoltaic demonstration base project of China Three Gorges Corporation, with a bid capacity of 2.1 MWp. Located in the extremely fragile ecological environment of the Northwestern desert, this project is a crucial component of the national strategy for developing new energy bases in sandy, Gobi, and arid regions. This demonstration project not only provides data support for verifying the reliable operation of photovoltaic equipment under the unique natural conditions but also explores more ecologically friendly technological paths for the subsequent construction of ten-gigawatt-scale desert new energy bases.



AIKO's 100 MW Photovoltaic Project in Rong'an County Creates a Model for “Mountain Photovoltaics + Ecological Restoration”

The 100 MW photovoltaic project in Rong'an County is located in the Matian and Shanbei villages of Siding Town, Rong'an County, Liuzhou City, Guangxi Zhuang Autonomous Region. Operating on a full grid feed-in model, the project achieved full-capacity grid connection and commissioning on 18 December 2025. It generates approximately 120 million kWh of electricity annually, saves about 36,600 tonnes of standard coal per year, and reduces carbon dioxide emissions by nearly 100,000 tonnes annually. Over its operational period in 2025, the cumulative emission reduction exceeded 2.4 million tonnes.

Based on the topographical features of the mountainous areas in northern Guangxi, the project innovatively creates a composite development model of “mountain photovoltaics + ecological restoration”. It preserves the original topography and landforms while simultaneously carrying out vegetation restoration and soil and water conservation to restore the mountain ecosystem. The space under the photovoltaic panels is used for ecological planting adapted to local climate and soil conditions, achieving an ecological synergy of “power generation on panels, restoration under panels”. Concurrently, the project links with other clean energy projects in the region, such as wind farms, to jointly build a clean energy industrial belt in northern Guangxi. This supports Liuzhou City's goal of becoming a “green energy demonstration city”, provides strong backing for Guangxi to implement Dual Carbon Goals and promote a green and low-carbon energy transition, and offers replicable and scalable practical experience for the integrated development of mountain photovoltaics and ecological restoration in southern China.



The 100 MW Photovoltaic Power Project in Rong'an County

Building an Environmental Culture

AIKO is committed to cultivating a green corporate culture with full employee participation, regularly conducting environmental awareness activities and training. During the reporting period, the Company organized multiple compliance management trainings on pollutants for relevant management and operational personnel, including standardized instruction and specialized drills on hazardous waste and solid waste control. In terms of emergency response and operations, each of the Company's bases actively implemented annual environmental emergency plan, conducting regular drills for environmental emergencies such as abnormal wastewater discharge and hazardous waste leaks. In conjunction with events like "World Environment Day", the Company also provided general environmental education and knowledge training to deepen employees' commitment to green practices in their daily work.

In 2025

70

the Company⁵ conducted a total of specialized environmental training sessions

5,250

with participants

10,175^{hours}

a total duration of



Tianjin Base - Emergency Drill for an Accident at the Workshop Roof Exhaust Gas Treatment Facility

In December 2025, the Tianjin Base organized a specialized emergency drill for a sudden failure of exhaust gas treatment facility, simulating an emergency scenario of abnormal etching exhaust emissions to test the practical effectiveness of environmental emergency plan. The drill strictly followed the principles of "rapid response, source interruption, and compliant disposal", covering key stages such as abnormal warning reporting, emergency shutdown of production lines to cut off pollution, facility repairs under professional protection, and commissioning a third party for environmental monitoring. It comprehensively assessed the adequacy of emergency supply reserves and the collaborative response capabilities of various departments during environmental emergencies.

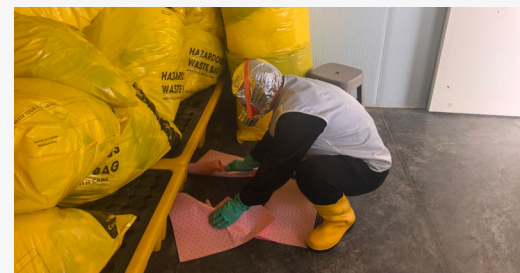


Tianjin Base Conducts an Emergency Drill for an Accident at the Exhaust Gas Treatment Facility



Jinan Base - Emergency Response Drill for Heavy Metal Waste Liquid Leakage

In November 2025, to enhance its response capabilities for hazardous waste incidents, the Jinan Base conducted an emergency drill for a heavy metal waste liquid leak in hazardous waste storage area, simulating an accidental spill during the liquid transfer process. During the drill, various emergency teams quickly activated their response mechanisms: the security team immediately cordoned off the site; the disposal team, wearing standard Level C chemical protective suits and acid-alkali resistant gear, used absorbent booms to build a dike to contain the spread and completed the absorption, collection, and hazardous waste treatment of the liquid; and the environmental monitoring and medical evacuation teams simultaneously conducted on-site monitoring and personnel health checks. This drill replicated the entire process from leak warning to containment, collection, and post-incident cleanup, effectively testing the suitability of emergency supplies and the level of inter-departmental collaborative response.



Jinan Base Conducts an Emergency Response Drill for Heavy Metal Waste Liquid Leakage

⁵ During the reporting period, the Chuzhou Base was undergoing upgrades and renovations; therefore, environment-related data from this site was not included in the statistical scope for this period.

Environmental System Certifications and Honors

The Company continues to improve environmental management system and promote related certifications, integrating cleaner production requirements into daily operational management to steadily enhance environmental performance. By the end of the reporting period, the Company has received numerous green honors, including green factory certifications, low-carbon (near-zero carbon) demonstration unit status, and waste-free factory designations.

AIKO's Green Honors in 2025

Yiwu Base	Tianjin Base	Zhuhai Base	Key Performance In 2025
National Green Factory Certification Zhejiang Water-Saving Enterprise	National Green Factory Certification Tianjin Zero-Waste Factory Certification Tianjin Low-Carbon (Near-Zero Emissions) Demonstration Enterprise	Guangdong Provincial "Green Factory Enterprise" Clean Production Enterprise	The Tianjin, Jinan, Zhuhai, Chuzhou, Foshan, and Yiwu bases had all obtained ISO 14001 Environmental Management System certification.



Green Production and Operations

AIKO adheres to the concept of green manufacturing, advancing digital management and the substitution of clean energy, continuously optimizing the efficiency of energy and resource utilization, and strictly adhering to the baseline for pollutant emission compliance. By consistently deepening energy conservation, consumption reduction, and resource recycling, the Company is building a low-carbon, sustainable production system, driving the industrial chain towards intensive and clean transformation, and achieving a synergistic win-win between economic growth and ecological protection.

Energy Management

— System of Rules and Regulations

The Company complies with relevant laws and regulations such as the *Law of the People's Republic of China on Energy Conservation* and benchmarks against the ISO 50001 Energy Management System standard to continuously improve internal energy management systems. The Company has formulated management policies including the *Responsibility System for Energy Saving Targets*, *Handbook of Energy Management*, *Reward and Punishment System for Energy Conservation*, *KPI System for Energy Conservation*, and *Audit Measures for Energy Conservation*, and has incorporated energy management into the performance evaluations of relevant department heads. During the reporting period, the Yiwu and Zhuhai bases implemented measures to quantify electricity-saving targets as cost control indicators, directly linking them to the performance of department heads to strengthen accountability. Additionally, the Zhuhai Base encourages employees to identify potential for electricity and water savings through lean improvement activities, establishing an incentive mechanism for point redemption and providing corresponding rewards based on the actual benefits of improvement projects, which has effectively boosted the enthusiasm of all employees for participating in green production and operations.

— Management Structure

The Company has established an energy governance structure that extends from strategic decision-making to execution and implementation, with well-defined responsibilities and a clear division of labor at each level. The Company's Strategy and Sustainability Committee oversees the overall energy management work. Reporting to it are the "Energy Management Committee" and the "Energy Management Promotion Team", which are responsible for undertaking strategic goals, formulating specific management plans, and supervising the overall progress of energy management efforts. At the execution level, the "Energy Conservation Project Group" and the "Power Committee" collaborate with multiple departments, including the Factory Administration Department, to implement energy management across all stages, from energy development, conversion, transmission, and distribution to storage, use, and end-of-pipe treatment, effectively driving continuous improvement in energy performance.

The Company's Energy Management Structure



> Key Performance | In 2025

The Yiwu, Tianjin, and Zhuhai bases had all obtained ISO 50001 Energy Management System certification.

Digital Transformation of Energy Management

The Company has established an advanced energy management system covering bases in Tianjin, Chuzhou, Yiwu, Zhuhai, and Foshan. This system collects real-time electricity consumption data from plant equipment, effectively tracks equipment power usage trends, and uses back-end analysis to identify peak energy consumption and inefficient processes, enabling scientific monitoring of electricity flow and refined management of production energy use.



The Company's Digital Energy Management and Control Platform

Energy Conservation and Consumption Reduction Initiatives

During the reporting period, the Company implemented various energy-saving and consumption-reducing management measures, including technological upgrades for energy conservation, optimization of production process parameters, development of distributed photovoltaics, enhancement of equipment utilization rates, and construction of equipment insulation and energy storage systems, all of which effectively improved energy efficiency and reduced production energy consumption.

In 2025

84

the Company carried out energy-saving projects

98,039.145 MWh

achieving annual electricity savings of

Energy-Saving Projects in 2025

Base	Number of Energy-Saving Projects	Energy-Saving Effectiveness (MWh/year)	Key Energy-Saving Projects
Yiwu Base	62	40,206.43	- Cooling Water System Upgrade in the Packaging Workshop - Energy-Saving Improvements by Adding Return Air Hoods to FFUs - Energy-Saving Retrofits for Maxwell Ovens in Metallization
Tianjin Base	14	1,726.728	- Installation of Cold Air Ducts for Localized Cooling in the Screen Printing Test Area - Heat Pump Unit Operational Adjustments
Zhuhai Base	6	54,359.595	- Optimization of Production Processes and Equipment Operating Parameters - Reduced Losses Through Equipment Insulation - Improved Equipment Operating and Utilization Rates - Exhaust Air Heat Recovery
Jinan Base	2	1,746.392	- Adjustment of the Organic Exhaust System in the Module Workshop - Switching Chiller System to Free Cooling Mode



Jinan Base - Jinan Chiller System Free Cooling Project

In 2025, while ensuring a stable power supply for production, consistent workshop temperature and humidity, and normal control of water supply temperatures for air conditioning, PCW, and air compressor systems, the Jinan Base shut down water chillers during the transitional, spring, and winter seasons, switching to the cooling tower's free cooling mode. This significantly reduced the system's energy consumption. The energy-saving mode was effectively operated for a total of 243 days throughout the year, saving 1,687,392 kWh of electricity and RMB1,181,174.40 in electricity costs, thereby achieving a dual improvement in energy efficiency and economic benefits.

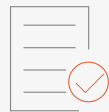


Chiller System Free Cooling Project Equipment

— Optimization of Energy Structure

The Company has increased procurement of green electricity while continuing to develop distributed photovoltaics to raise the proportion of renewable energy used. It also utilizes energy storage systems for peak shaving and load shifting to enhance photovoltaic energy utilization efficiency, driving the transformation of the Company's energy structure towards being greener and cleaner.

— During the reporting period



Rooftop PV projects at the Tianjin, Yiwu, and Zhuhai bases were all completed and put into operation.

Renewable Energy Use in 2025

462,666.43 MWh
Purchased Green Electricity

50,031.51 MWh
Rooftop PV Power Generation

512,697.94 MWh
Renewable Energy Consumption

— Indicators and Targets

For main battery products, the Company has established a clear medium- and long-term energy efficiency optimization plan, committing to reducing the unit electricity consumption of battery products during the 2026-2030 planning period and continuing to lead the industry in low-carbon production standards.

Energy Management Targets		Target Setting	2025 Progress	
Yiwu Base	Comprehensive Electricity Consumption per Unit of PERC Cell Product	2026-2030, achieve an average annual year-on-year decrease of 5% in comprehensive unit electricity consumption.	Based on 2024, the reduction rate of comprehensive electricity consumption per unit of PERC cell product is 6.20% .	In progress
	Comprehensive Electricity Consumption per Unit of TOPCon Cell Product		Based on 2024, the reduction rate of comprehensive electricity consumption per unit of TOPCon cell product is 36.11% .	In progress
	Comprehensive Electricity Consumption per Unit of ABC Cell Product		Based on 2024, the reduction rate of comprehensive electricity consumption per unit of ABC cell product is 39.34% .	In progress
	Comprehensive Electricity Consumption per Unit of ABC Module Product		Based on 2024, the reduction rate of comprehensive electricity consumption per unit of ABC module product is 26.49% .	In progress
Zhuhai Base	Comprehensive Electricity Consumption per Unit of ABC Cell Product	2026-2030, achieve an average annual year-on-year decrease of 5% in comprehensive unit electricity consumption.	Based on 2024, the reduction rate of comprehensive electricity consumption per unit of ABC cell product is 35.19% .	In progress
	Comprehensive Electricity Consumption per Unit of ABC Module Product		Based on 2024, the reduction rate of comprehensive electricity consumption per unit of ABC module product is 27.99% .	In progress

Pollutant and Waste Management

— Management System

The Company places great importance on the compliant management of pollutants and waste during production and operations, strictly adhering to laws, regulations, and standards such as the *Law of the People's Republic of China on the Prevention and Control of Environmental Noise Pollution*, *Standard for Pollution Control on Hazardous Waste Storage*, *Measures for Couplet Delivery Order Management of Hazardous Waste Transfer*, *Emission Standard of Pollutants for Battery Industry*, *Discharge Standard of Major Water Pollutants for Municipal Wastewater Treatment Plan*, *Integrated Emission Standard of Air Pollutants*, and *Emission Standards for Odor Pollutants* to manage pollutants and waste.

The Company has established internal emission control indicators that are stricter than national standards and has built a comprehensive emission monitoring mechanism, regularly disclosing environmental monitoring data. The Company implements routine monitoring, has established an environmental monitoring laboratory for daily self-sampling and testing of key emission indicators, and hires qualified third-party institutions to conduct regular, comprehensive monitoring of wastewater, waste gas, noise, soil, and groundwater, as well as to professionally maintain and calibrate monitoring equipment to ensure compliant emissions.

Additionally, the Company has installed online monitoring equipment and integrated the data in real-time with the MES and BOE warning systems, enabling online analysis and assessment of emission data and ensuring that any abnormal information is promptly sent to the relevant responsible persons through a sensitive alert notification system.

In 2025



The Company did not incur any regulatory penalties due to non-compliant emissions.

Emission Reduction and Disposal

Regarding the wastewater, waste gas, solid waste, and noise generated during production, the Company actively explores innovative technological paths for reduction and treatment, committed to transitioning from traditional end-of-pipe compliance to source reduction and resource utilization.

Emission Category	Main Sources and Types	Emission Reduction and Disposal Measures
Waste Gas	• Particulate matter, ammonia, chlorine, fluorides, etc., generated during production processes • Nitrogen oxides (NOx) and sulfur oxides (SOx) generated from boiler operations	• Utilizing ultra-low nitrogen vacuum hot water unit boilers, activated carbon adsorption, and acid-alkali spraying to ensure all pollutants are discharged in compliance with standards • Equipped with secondary waste gas treatment facilities to ensure effective control and treatment under abnormal operating conditions
Wastewater	• Industrial wastewater from the production process of crystalline silicon cells • Discharge from acid-alkali/VOC waste gas towers, silane scrubbing towers, and concentrated water from the pure water preparation system • Domestic sewage from daily office activities	• Technologically upgrading and optimizing the efficiency of the copper-containing wastewater treatment system to enhance wastewater treatment capacity
General Waste	• Sludge, discarded equipment components, domestic waste, etc.	• Adopting a dual process of physical concentration and plate-and-frame filter pressing to reduce the moisture content of sludge • Precisely dosing chemical agents to achieve source reduction of sludge generation • Achieving cross-system synergistic decolorization through wastewater pipe network retrofitting, reducing chemical agent consumption while simultaneously decreasing sludge output
Hazardous Waste	• Waste activated carbon, waste mineral oil, acidic sludge (sediment), process dust (containing silane and silicon dioxide), etc.	• Implementing the recycling and reuse of waste activated carbon • Reusing some chemical packaging drums to reduce the generation intensity of hazardous waste at the source
Noise	• Power-generated noise from the operation of various mechanical equipment inside and outside the workshops	• Implementing targeted sound insulation and noise reduction retrofitting projects for sound sources that exceed standards

General Waste Treatment | Yiwu Base - Calcium Fluoride Sludge Resource Utilization Project

In 2025, the Yiwu Base invested in a calcium fluoride sludge resource utilization project, which began operations on 25 September. The project treats and collects calcium fluoride sludge from the production process by adding chemical agents, converting it into a renewable resource and achieving “zero landfill” and resource utilization of solid waste. During the reporting period, the Yiwu Base generated 11,806.35 tonnes of sludge and recovered 7,171.79 tonnes of fluorine-containing sludge, enhancing resource utilization efficiency.



Calcium Fluoride Sludge Defluoridation Unit

Waste Gas Treatment | Yiwu Base - Silane Exhaust Ammonia Recovery Project

The Yiwu Base implemented process flow optimization, using 0-5°C low-temperature water scrubbing to absorb silane exhaust in the scrubbing tower. The ammonia water from the scrubbing tower utilizes counter-current concentration technology. After the concentration in one tower reaches 4%, it is discharged into the underground lift station. The absorbent liquid is transported to the wastewater station's ammonia stripping tower for treatment, producing ammonia water with a concentration of 9%, which is recovered by downstream companies for partial raw material reuse, achieving a transformation from “waste gas treatment” to “resource recovery”.



Ammonia Water Recovery Facility

Waste Gas Treatment | Zhuhai Base - Volatile Organic Compound (VOC) Waste Gas Treatment Enhancement

To reduce VOC emissions, in February 2025, the Zhuhai Base installed an organic waste gas treatment system using an “activated carbon adsorption + spray tower” process in the module plant to treat curing thermal exhaust gas, which can reduce VOC emissions by an average of about 10%. In August 2025, the Zhuhai Base upgraded the organic waste gas treatment system for the cell plant's printing and sintering process by adding two sets of spray towers and activated carbon adsorption boxes, respectively, to enhance treatment efficiency, which is expected to reduce VOC emissions by about 5%.



Organic Waste Gas Treatment System Installed at Module Thermal Exhaust Outlet

Hazardous Waste Management | Zhuhai Base - Silicon Dioxide Powder to Dilute Alkali Treatment Project

In 2025, the Zhuhai Base implemented a modification to silicon dioxide powder treatment process. To address the risk of spontaneous silane combustion and the high costs associated with the off-site disposal of silicon dioxide powder, the Zhuhai Base added a new concentrated alkali reuse unit to wastewater station. This unit uses concentrated alkaline wastewater to dissolve and digest the silicon dioxide powder, which is then treated to meet standards through the dilute alkali system, achieving the goal of “treating waste with waste”. This project has enabled the harmless co-processing of hazardous solid waste on-site, avoiding the environmental impact that would otherwise occur during the waste disposal stage.

Noise Abatement | Tianjin Base - Special Project for Boundary Noise Control

The Tianjin Base launched a special improvement initiative to address noise fluctuations on the eastern plant boundary during the summer. The base precisely identified the main noise sources and implemented a combination of measures, including installing silencers on diaphragm pumps at the wastewater station and using discarded wall panels to build sound-insulating barriers around the nitrogen generator. These actions effectively reduced noise impact at the source and along its transmission path. Following the improvements, the noise level in the affected area dropped from a high of 73 decibels to below 63.5 decibels, which is better than the emission limit standard of 65 decibels, demonstrating effective control over noise pollution at the plant.



Upgrade of the Organic Waste Gas Treatment System for Cell Printing and Sintering

Material and Chemicals Management

Material Management

The Company adheres to the circular economy principles of “reduce, reuse, and recycle”. With innovation as its core driver, the Company optimizes operational processes and continuously promotes the efficient and circular use of resources. We are committed to reducing material consumption throughout the entire process of manufacturing and logistics and enhancing the intensity of resource utilization.

Material Management Initiatives

Silver Paste		Metals
ABC Cells	TOPCon Cells	- Optimizing the copper-to-aluminum ratio in soldering ribbons and the width and wall thickness of aluminum module frames to reduce the consumption of metal resources per unit of product. - Recycling key metals such as aluminum, copper, tin, and lead.
Reducing the silver paste area by optimizing grid line design (0BB design) or pattern design; applying Ag-free metallization technology to reduce silver paste consumption. <i>In 2025, the silver paste consumption for three ABC cell production lines will be reduced by more than 5% compared to 2024.</i>	Reducing the silver paste area by optimizing grid line design, fine-line technology, or pattern design. <i>In 2025, the silver paste consumption for two TOPCon cell production lines will be reduced by more than 5% compared to 2024.</i>	
Non-Metals		Packaging Materials
- Continuously upgrading and iterating production processes to reduce the consumption of chemicals and gases throughout the entire production flow. - Applying advanced wastewater treatment technology and optimizing reagent dosage during water treatment processes, achieving reduced input of various chemical reagents including fluoride removers, calcium chloride, concentrated alkali, and calcium hydroxide.		- Using recyclable packaging materials to reduce the generation of packaging waste. - Optimizing the dimensions and specifications of packaging materials.

Practicing the Circular Economy

Circular Economy Initiatives

Packaging Material Circulation

- The Company fully implements a green packaging strategy, using recyclable packaging materials (such as for battery products) to reduce the consumption of virgin packaging materials.

Value Conversion of Industrial Waste

- Yiwu Base: Discarded chemical packaging barrels are transitioned from harmless disposal to recycling, where they are regenerated into plastic pellets.
- Jinan Base: Establishing a closed-loop recycling system for silicon waste; achieving 100% resource utilization of decommissioned modules, earning the UL 2799 Zero Waste to Landfill certification.

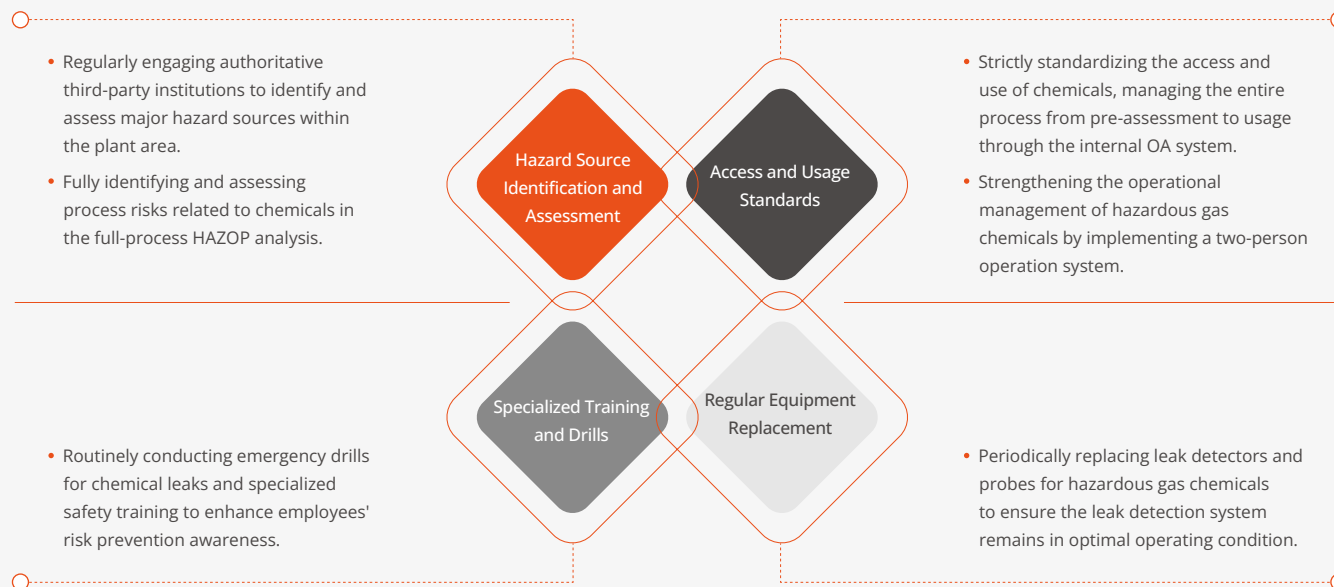
Domestic Waste Sorting and Recycling

- Strictly implementing waste sorting and recycling in accordance with government regulations.
- Leveraging the Yiwu Renewable Energy Utilization Center project, kitchen waste is collected and transported daily, ensuring the efficient recycling and resource utilization of kitchen waste generated in office and living areas.

Chemicals Management

The Company has formulated and strictly implements the *Chemicals Management Control Procedures*, *Hazardous Chemicals Management System*, *Gas Cylinder Use Safety Management System*, and *Precursor Chemicals Management System*, establishing a comprehensive management process covering the pre-assessment, introduction, storage, release, use, disposal, and emergency response for chemicals.

Chemicals Management Initiatives



Hazardous Substance Control

The Company strictly adheres to international standards such as the EU Directive on the *Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment* (RoHS) and the *Regulations on Registration, Evaluation, Authorization, and Restriction of Chemicals* (REACH). The Company implements stringent testing procedures, covering key items such as hazardous substance testing, environmental safety testing, safety compliance testing, and EMC⁶ electromagnetic compatibility testing, to ensure the environmental friendliness and safety of products and minimize negative environmental impacts.

As of the end of this reporting period, AIKO's module products received WEEE certification across 15 countries and regions including Germany, France, Italy, Netherlands, Sweden, Finland, Denmark, Spain, and Greece among others, with single-glass and double-glass modules having achieved RoHS certification along with REACH certification.

⁶ EMC (Electro Magnetic Compatibility) refers to the comprehensive assessment of electronic products' levels of electromagnetic interference (EMI) and their immunity to such interference (electromagnetic susceptibility, EMS).

Water Resources Management

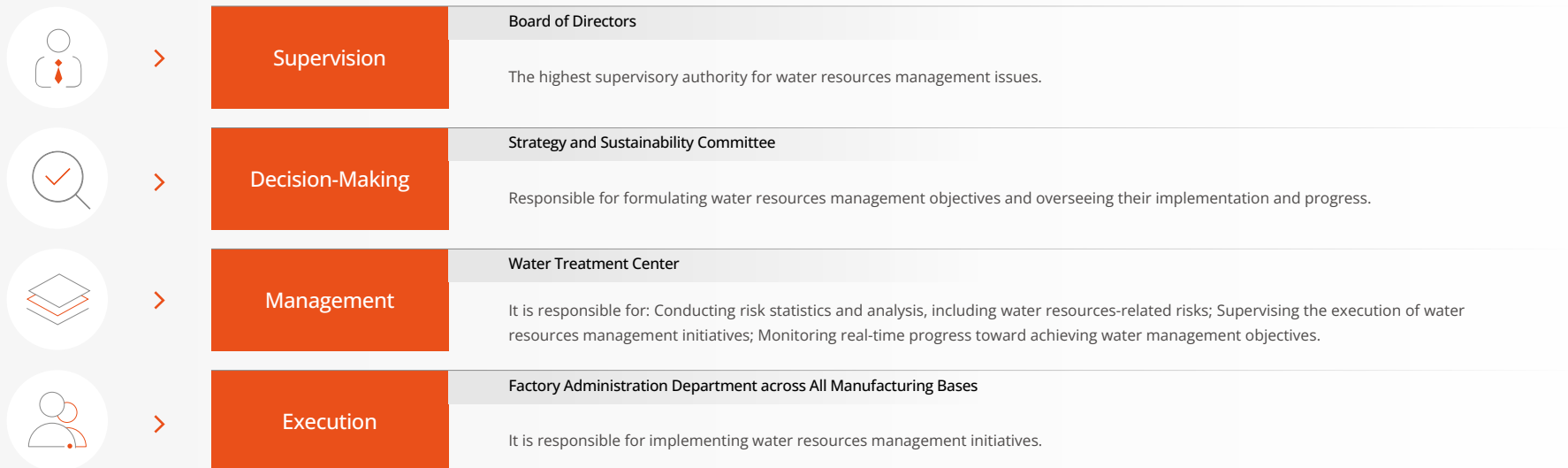
Policy Framework

The Company strictly complies with relevant national and local laws and regulations and has formulated a series of management systems, including the *Handbook of Water Resources Management*, the *Responsibility System for Water Saving Targets*, the *KPI System for Water Reduction*, the *Audit Measures for Water Reduction*, and the *Reward and Punishment System for Water Reduction*, to clarify the management requirements for setting, executing, and supervising water conservation targets.

Management Structure

The Company has established a four-tier water resources governance structure, defining the responsibilities and division of labor for each level: “supervision, decision-making, management, and execution”. The Board of Directors serves as the highest supervisory body for water resources management. The Strategy and Sustainability Committee is responsible for setting and coordinating targets. The Water Treatment Center is in charge of compiling statistics and analyzing water-related risks, overseeing the implementation of initiatives, and tracking progress toward targets. The Factory Administration Department at each base are responsible for advancing and implementing specific management measures.

Water resources management structure



Water Risk Assessment

The Company has established a routine water resources risk assessment mechanism. Annually, it uses the World Wide Fund for Nature (WWF) "Water Risk Filter" tool and the internal *Environmental Factor Identification and Evaluation Control Procedures* to identify the Baseline Water Stress and Water Quality Risk in the regions where production bases are located. Based on the assessment results, the Company formulates differentiated water resource utilization strategies, water pollution control measures, and emergency response plans to ensure a long-term, sustainable water supply.

Water Risk Assessment Results and Corresponding Responses

Base	Baseline Water Stress	Water Quality Risk	Response Measures
Zhuhai Base	Low Risk	High Risk	- Strengthen daily water quality monitoring by installing online detection devices for pH, F, Cu, Fe, P, TN, NH₃-N, COD, and SS at the discharge outlet for 24-hour water quality surveillance, with regular calibration by maintenance personnel, and by setting up a laboratory at the wastewater station to periodically sample and verify water quality to ensure compliance with discharge standards. - Optimize system operation management by introducing high-chroma coating alkaline wastewater into the dilute acid system, utilizing existing chemicals for decolorization to prevent issues of exceeding standards for chroma and suspended solids. - Establish a risk warning and emergency response mechanism to stabilize water quality when indicators become abnormal through measures such as increasing chemical dosage, adjusting process parameters, activating emergency reflux, and halting the inflow of non-compliant wastewater. - Implement a system of designated personnel and management responsibility by clarifying the person responsible for water system operation and management, and by improving systems for water quality management, water treatment chemical usage, and equipment inspections to ensure the effective execution of all measures.
Chuzhou Base	Medium-Low Risk	Medium-High Risk	- Deepen the potential for internal water resource recycling and cascade utilization, and launch water conservation projects. - Advance the hydrofluoric acid wastewater resource utilization project to reduce total pollutant emissions.
Tianjin Base	Medium-High Risk	High Risk	- Cascade utilization of the base's internal water resources. - Steadily advance the planning and construction of the municipal reclaimed water project, with a target of achieving 50% substitution with reclaimed water by 2026. - Implement water resource conservation projects such as process water reduction and air conditioning condensate recovery, saving 114,000 tonnes of source water per year.
Jinan Base	High Risk	High Risk	Plan and construct a "near-zero emission" base with a water recycling rate exceeding 93% and pollutant reduction exceeding 90%.
Yiwu Base	Medium-High Risk	Medium Risk	Introduce and utilize alternative water sources, and continuously advance technological transformation projects for process water conservation and reuse.
Foshan Base	Low Risk	High Risk	Since February 2024, the Foshan Base has focused solely on module production and achieved zero wastewater discharge.

Water Resource Substitution and Conservation

The Company is committed to building an efficient water resource utilization system, effectively reducing total water consumption from the source, actively seeking alternative water sources, and strengthening the recycling of water resources.

During the reporting period, the Company implemented several water resource substitution and conservation initiatives, covering water-saving projects such as process water conservation, condensate water reuse transformation, pure water reuse for tank-type machines, a water reduction project for the wet processing machines at 7 plants, internal parameter adjustments at the pure water station, and recycling of testing water. In 2025, the proportion of alternative water sources at the Yiwu Base reached 94.42%.

The Company has formulated the *Tiered Management Measures of Water Saving for Suppliers*, extending water-saving concepts and actions upstream in the value chain. We focus our management efforts on material suppliers in fields such as silicon wafers and major chemicals, explicitly requiring relevant core suppliers to be equipped with industry-leading technology and equipment and to achieve "International Leading Level I" in clean production, thereby jointly promoting responsible water resources management across the photovoltaic industry chain.

> Key Performance | In 2025

AIKO promoted water conservation projects among key material suppliers, achieving a total water saving of 25.37 million tonnes.



Zhuhai Base - Enhancing Water Resources Management and Promoting Water Use Efficiency

In 2025, the Zhuhai Base systematically advanced water resources management focusing on the goal of improving water resource utilization efficiency from two aspects: production process water conservation and wastewater discharge reduction. In terms of production process water conservation, pure water consumption was reduced by approximately 7% year-on-year through fine-tuned control of production line water usage parameters and promotion of pure water reuse; in terms of wastewater discharge reduction, the implementation of a condensate water reuse transformation project resulted in a daily wastewater reuse volume of over 400 tonnes, enhancing the level of water resource recycling.

Yiwu Base - Improving the Water Production Rate of the Pure Water Station and Strengthening Water Conservation Management

In 2025, while ensuring that the quality of discharged water remained stable and compliant, the Yiwu Base optimized the operating parameters of pure water station based on raw water quality conditions, increasing the primary RO production rate to 86% and the ROR production rate to 60%, thereby raising the overall production rate of the pure water station from approximately 80% to over 90% and achieving a total annual water saving of 151,840 tonnes.



Primary RO Equipment and Local Instrument Box at the Pure Water Station

Indicators and Targets

Water Resources Management Targets		Target Setting	2025 Progress
Yiwu Base	Comprehensive Water Consumption per Unit of PERC Cell Product	2026-2030, the average annual year-on-year decrease in comprehensive water consumption per unit will be 5%.	Based on the 2024 baseline, the annual reduction rate for comprehensive water consumption per unit of PERC cell product was 6.55% . In progress
	Comprehensive Water Consumption per Unit of TOPCon Cell Product		Based on the 2024 baseline, the annual reduction rate for comprehensive water consumption per unit of TOPCon cell product was 7.99% . In progress
	Comprehensive Water Consumption per Unit of ABC Cell Product		Based on the 2024 baseline, the annual reduction rate for comprehensive water consumption per unit of ABC cell product was 23.53% . In progress
Zhuhai Base	Comprehensive Water Consumption per Unit of ABC Cell Product	2026-2030, the average annual year-on-year decrease in comprehensive water consumption per unit will be 5%.	Based on the 2024 baseline, the annual reduction rate for comprehensive water consumption per unit of ABC cell product was 27.03% . In progress
	Water Resource Recycling and Utilization Rate	Based on the 2024 baseline, the 2025 target for the water resource recycling and utilization rate is 11.61%.	Based on the 2024 baseline, the water resource recycling and utilization rate for 2025 was 14.61% . ✓

Green Office

The Company has formulated and implemented the *Management Standards for Office Supplies*, established clear departmental environmental performance indicators, promoted the digital upgrade of administrative processes, and encouraged all employees to practice green and environmentally friendly concepts.

The Company's Green Office Initiatives

Water Conservation

- Conducting regular inspections and maintenance of water facilities and equipment, with a focus on preventing running, overflowing, dripping, and leaking issues; increasing security patrol points; and strictly investigating instances of taps being left running at night.
- Promoting the use of water-saving appliances and equipment (such as water-saving faucets and toilets).

Electricity Conservation

- Upgrading the lighting system's technology by introducing dual sound and light induction technology, enabling precise activation and deactivation based on ambient illuminance and personnel activity.
- Integrating the energy consumption of electronic devices into the 5S management system, conducting regular 5S inspections, and urging employees to follow the energy-saving practice of putting office computers into "sleep mode when away from the desk".

Paperless Office

- Continuously advancing the development of a digital office system by integrating administrative systems such as OA approvals, smart travel, and accommodation management to achieve online and paperless administrative processes.

Resource Recycling and Utilization

- Encouraging employees to sort, recycle, and reuse items such as paper, notebooks, phone cards, mobile phones, and work uniforms.

Green Commuting

- Advocating for employees to prioritize low-carbon transportation methods like public transit and reduce the use of private cars.
- Providing employees with free dedicated new energy shuttle buses and encouraging them to commute via these buses.
- Constructing integrated carport systems with photovoltaics, energy storage, and charging capabilities to support the use of new energy vehicles.
- Standardizing management measures for the maintenance and servicing of official vehicles to reduce energy consumption and environmental impact during business travel.

Response to Climate Change

In active response to China's "Dual Carbon Goals" and global climate action, AIKO is strengthening management of climate change issues in alignment with mainstream domestic and international frameworks such as the *Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)* and the TCFD, focusing on governance, strategy, risk management, and indicators and targets. Leveraging a governance structure coordinated by the Board of Directors, the Company comprehensively identifies physical and transition risks, seizes sustainable development opportunities, enhances climate resilience through scientific emission reduction initiatives, and actively addresses global climate challenges.

Governance

The Board of Directors of AIKO is the highest decision-making body for the Company's management of climate change issues, responsible for comprehensively assessing climate change risks and opportunities, formulating the climate strategy, and approving major related matters. The Strategy and Sustainability Committee is responsible for overseeing the climate change response efforts and ensuring the effective advancement of established goals. The ESG Working Group is responsible for the overall coordination and organization of climate change-related work and maintains regular reporting and communication with the supervisory level. At the executive level, functional departments such as the Strategic Planning and Development Department, Procurement Department, EHS Department, and Factory Administration Department work collaboratively to ensure the implementation of specific climate action plans at the business end.

Strategy

The Company identifies major physical risks by category based on the geographical characteristics and meteorological data of each operating base, and improves corresponding material reserves and contingency plans. At the same time, the Company closely tracks climate policies, market fluctuations, and cutting-edge technology trends, and combines them with current business operations and development strategy to identify and assess climate-related transition risks and opportunities, adjusting response strategies and measures accordingly.

The Company continuously improves inventory of climate risks and opportunities, integrates climate risk factors into overall risk management system, includes climate change risks in corporate risk inventory, determines mitigation and adaptation strategies, and dynamically updates them based on internal and external changes to enhance the Company's climate resilience.

AIKO's Climate Change Governance Structure



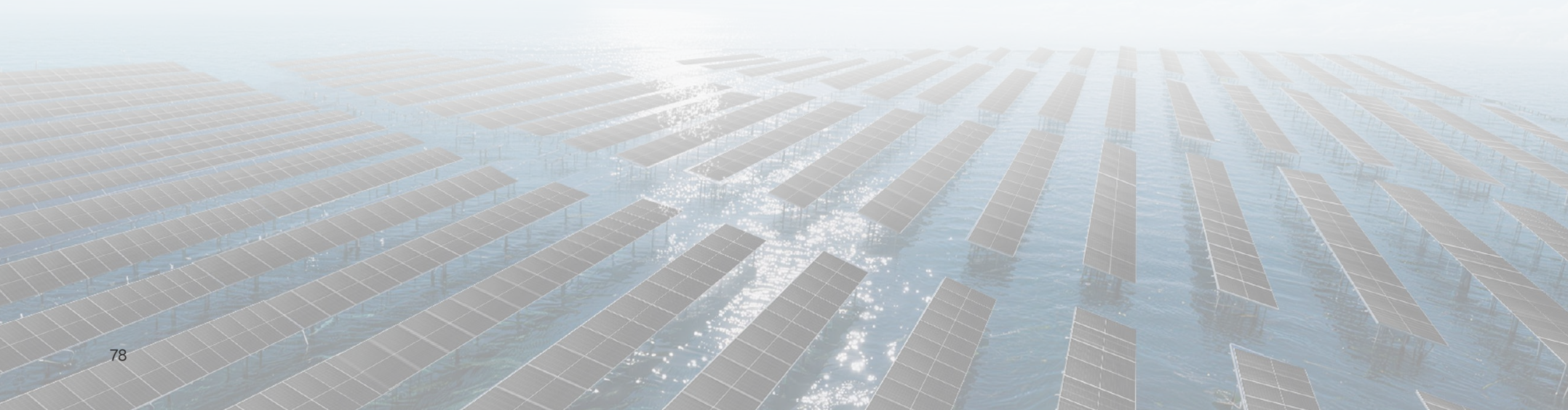
Impacts, Risks, and Opportunities Management

To proactively address climate challenges, the Company has conducted a comprehensive assessment of climate risks and opportunities and implemented targeted preventive and mitigation measures, aiming to minimize potential losses caused by climate risks and ensure the stable operation of business.

Climate Risks				
Risk Type	Risk Factor	Risk Description	Impact Period	Response Measures
Physical Risks	Acute Risks	Extreme climate risks, including catastrophic weather events such as typhoons, extreme high temperatures, cold waves, and heavy precipitation, can pose a threat to the health and safety of personnel, cause physical damage to production equipment, lead to operational interruptions or shutdowns, and directly increase asset maintenance expenses and overall operating costs.	Short-term/Mid-term	- Strengthening meteorological monitoring efforts, establishing a digital and intelligent management platform for disaster prevention and weather, and ensuring the real-time push and delivery of meteorological warning information. - Improving emergency material reserves and equipping key supplies for flood prevention (e.g., sandbags, water pumps) and heatstroke prevention medication. - Developing and refining special emergency response plans for climate disasters (such as typhoons, thunderstorms and gales, heavy rain, and hail), as well as related risk emergency systems. - Conducting regular climate emergency drills and training, including content on summer typhoon and flood prevention and first aid for heatstroke. - Strengthening safety risk inspections before the flood season and extreme weather events to ensure that hidden dangers are promptly addressed and closed out.
	Chronic Risks	The long-term trend of rising sea levels due to global warming may potentially disrupt the production and operations at sites in coastal areas (such as the Tianjin, Foshan, and Zhuhai bases), forcing the Company to increase investment in areas like facility flood protection, thereby raising operating costs.	Mid-term/Long-term	Prioritize inland, low-risk areas for new plant site selection to reduce asset losses from extreme weather.

Climate Risks				
Risk Type	Risk Factor	Risk Description	Impact Period	Response Measures
Transition Risks	Market Risks	Dynamic adjustments in market supply and demand may cause fluctuations and increases in the procurement prices of core raw materials.	Mid-term/Long-term	Actively cooperate with upstream and downstream manufacturers to establish long-term, stable partnerships to mitigate the risk of supply chain price volatility.
	Technological Risks	- Breakthroughs in mass-production PV technology are highly uncertain, and with new technologies constantly emerging, there is a risk that current technological roadmaps will be rapidly replaced. - The development of other clean energy technologies, such as wind, hydrogen, and nuclear power, may alter the energy market landscape and create alternative competitive pressures.	Mid-term/Long-term	- Formulate diverse incentive mechanisms to stimulate employee enthusiasm for participating in technological R&D and innovation (e.g., incentive programs such as team-building activities and awards). - Conduct systematic talent empowerment training to continuously enhance the team's R&D and innovation capabilities (e.g., training in product technology and R&D management). - Increase the proportion of R&D investment, commit to the iteration of cutting-edge technologies and the development of innovative products, focusing on improving product photoelectric conversion efficiency to comprehensively meet customer needs. - Strengthen R&D and innovation cooperation with universities and scientific research institutions. - Establish and improve intellectual property protection and business secrets protection mechanisms to safeguard the Company's core technological rights and interests.
	Policy and Regulatory Risks	Key overseas markets (such as Europe) have established carbon footprint entry requirements for imported photovoltaic products.	Short-term/Mid-term	- Conduct regular identification of internal and external laws and regulations. - Take effective measures to prevent operational risks arising from regulatory lags or violations, ensuring the Company's compliant operations.
	Reputational Risks	An increase in negative feedback from stakeholders could lead to restricted financing channels and a decline in market demand.	Mid-term/Long-term	Promote a green transformation and establish a brand image of low-carbon development to maintain a good corporate reputation.

Climate Opportunities				
Opportunity Type	Opportunity Factor	Opportunity Description	Impact Period	Response Measures
Market Opportunities	Expanding Emerging Market	Benefiting from the continued decline in the levelized cost of energy (LCOE) for photovoltaics, emerging markets in Asia-Pacific, Latin America, the Middle East, and Africa are entering a rapid development cycle with enormous market potential.	Short/Medium/Long-term	Gain deep insights into and analyze customer needs, conduct R&D and innovation based on application scenarios in emerging markets, enhance product performance under conditions such as sandstorms, high altitudes, and high salt fog, and improve product accessibility.
Products and Services	Low-Carbon Products	As a core vehicle for the clean energy transition, photovoltaics are experiencing sustained growth in market demand. With their excellent low-carbon attributes, the Company's ABC modules align with market access standards and demand for green, low-carbon products, giving them a competitive advantage and potential for performance growth.	Short/Medium/Long-term	- Construct a green management system covering the entire product life cycle, deeply integrating green and low-carbon concepts into every stage from product design and production to recycling. - Strengthen cooperation with suppliers, establish green procurement standards, and prioritize the use of low-carbon and environmentally friendly raw materials. - Intensify efforts in certifying the carbon footprint of module products and continuously reduce their carbon emission intensity.



Indicators and Targets

Product Carbon Footprint

The Company actively implements national policy requirements and systematically advances the verification and certification process for product carbon footprint. We conduct carbon footprint assessments for our PV modules in accordance with ISO 14040/14044 standards, covering the entire life cycle from raw material acquisition to product manufacturing, transportation, use, and recycling. This includes the production and transportation of major materials like industrial silicon, polysilicon, ingots, wafers, glass, and aluminum frames, as well as the manufacturing, use, and recycling of cells and modules. The calculation results show that the carbon emissions per kilowatt of modules are 385 kg of carbon dioxide equivalent. This assessment was verified by the third-party organization Certisolis in 2025 and received French carbon footprint certification.

During the reporting period



The Company obtained a total of 11 product certificates for French carbon footprint certification from Certisolis. It also secured 2 Norwegian EPD listings for PV modules (covering both monofacial and bifacial modules) and 2 Italian EPD listings (covering both monofacial and bifacial modules). Furthermore, the Company's product carbon footprint results have also been recognized by the China Electronics Standardization Institute.

Carbon Inventory

In 2025, the Company conducted a carbon inventory to continuously strengthen carbon management capabilities. As part of this, the Yiwu and Zhuhai bases further carried out Scope 3 GHG emissions inventories, calculating emissions of 3,133,436.29 tonnes of carbon dioxide equivalent and 2,428,458.364 tonnes of carbon dioxide equivalent, respectively. Through this systematic carbon inventory, the Company has effectively established a carbon emissions baseline, providing solid data support for subsequently formulating scientific reduction pathways and optimizing operational carbon management.

AIKO's GHG Emissions in 2025

GHG Emissions	Unit	Yiwu Base	Tianjin Base	Zhuhai Base	Foshan Base	Jinan Base	AIKO
GHG Emissions (Scope 1)	tCO ₂ e	14,196	144.73	1,798.20	/	9.76	16,148.69
GHG Emissions (Scope 2)	tCO ₂ e	464,375.56	149,691.51	375,573.48	6,928.29	9,237.36	1,005,806.20
Total GHG Emissions	tCO ₂ e	478,571.56	149,836.24	377,371.68	6,928.29	9,247.12	1,021,954.89

04

Standing with Our Employees, Empowering Talent Development

AIKO upholds a people-centric talent philosophy, always prioritizing the occupational health and safety of its employees. We actively cultivate an equitable, diverse, and inclusive work environment, continuously enhance our employee welfare and training systems, and support employees in unlocking their potential to achieve comprehensive growth.

Material issues covered in this chapter

- Employee Rights and Interests
- Talent Attraction and Retention
- Diversity, Equality and Inclusion
- Occupational Health and Safety

UN SDGs addressed in this chapter



Protecting Employee Rights and Interests

AIKO strictly complies with laws and regulations such as the *Labor Law of the People's Republic of China*, the *Labor Contract Law of the People's Republic of China*, the *Employment Promotion Law of the People's Republic of China*, and the *Regulations on the Prohibition of Using Child Labor*, while actively responding to international initiatives and standards including the *Universal Declaration of Human Rights*, the *International Labor Organization Conventions*, and the *United Nations Guiding Principles on Business and Human Rights*. The Company supports and respects the legal and regulatory requirements of all locations where it operates, continuously strengthens the protection of human rights and employee interests within its own operations and value chain, and maintains a zero-tolerance policy toward any infringement of employees' legitimate rights.

Compliant Employment

The Company has formulated management policies such as the *AIKO Labor Policy*, *Recruitment Management Regulations*, *Employment Labor Management Rules*, and *AIKO Human Resources Development and Management* to strictly regulate employment practices and safeguard the fundamental rights and interests of employees. The Company prohibits all forms of forced labor, child labor, abuse, and harassment, and strictly forbids discrimination in recruitment, promotion, and remuneration based on factors such as race, color, age, gender, sexual orientation, ethnicity, disability, pregnancy, or religious belief.

The Company standardizes its interview systems and procedures, explicitly requiring that neither the Company nor its collaborating suppliers may withhold personal documents such as applicants' ID cards, nor demand that applicants or hired employees pay non-compliant fees such as deposits, security bonds, or recruitment fees, either directly or indirectly. To safeguard employees' legal rights and interests, the Company has established a labor and human rights grievance mechanism. Employees who encounter any issues contrary to labor and human rights principles in their work or personal lives can file complaints or appeals with the Company through suggestion boxes and complaint mailboxes, or seek resolution by reporting directly to senior department leaders. If illegal activities are involved, employees have the right to seek resolution through judicial bodies such as public security organs and courts in accordance with the law. The Company treats every piece of feedback with the utmost seriousness and ensures the confidentiality and impartiality of the process.

Compliant Employment Measures

01

Anti-Forced Labor

- ◆ The Company upholds the principle of voluntary employment, strictly prohibits restricting employees' personal freedom through guarantees, contracts or similar means, and forbids compulsory work or overtime through coercion, threats or violence.
- ◆ Labor contracts are signed in accordance with the law, wages are paid in full and directly to employees on a monthly basis, and no intermediary fees or deposits are charged, nor are ID cards withheld during the recruitment process.
- ◆ Employees may apply for resignation in accordance with the law as stipulated in their contracts.

02

Anti-Discrimination

- ◆ Differential treatment based on factors such as race, nationality, religion, gender, age, disability, labor union membership, or political affiliation is prohibited in all aspects of employment, including recruitment, training, remuneration, promotion, and termination of labor relations.
- ◆ Management personnel confirmed to have engaged in discriminatory behavior shall be dealt with seriously in accordance with applicable laws and regulations.

03

Anti-Harassment and Abuse

- ◆ Any form of insult, threat, corporal punishment, sexual harassment, or psychological oppression is strictly prohibited.
- ◆ Rational communication and teamwork are advocated, and managers conduct management through two-way communication and incentives to foster a respectful and inclusive work environment.

04

Prohibition of Child Labor

- ◆ The Company strictly prohibits the employment of persons under the age of 16 in any form of work.
- ◆ The Company strictly verifies applicants' age by carefully reviewing their identification documents, including visual and instrumental checks of ID authenticity and confirmation that the applicant holds a valid, genuine personal ID.
- ◆ Department heads or managers continuously monitor for irregularities in daily operations and shall immediately report any suspected child labor cases to the human resources department for proper disposition.

AIKO Conducts a Series of Human Rights Awareness Campaigns across Its Bases

To familiarize employees with the definitions and typical manifestations of human rights issues and strengthen their awareness and capabilities in human rights protection, AIKO organized multiple specialized human rights training sessions in 2025 across bases including Yiwu, Zhuhai, and Jinan. The sessions systematically communicated management procedures and response protocols related to anti-forced labor, anti-discrimination, anti-harassment, anti-abuse, and anti-child labor, with the goal of effectively eliminating such incidents in the workplace and daily life. During the reporting period, the Company held a total of 49 human rights training sessions with 1,477 attendees.



AIKO Conducts Specialized Training on “Anti-Forced Labor, Anti-Discrimination, and Anti-Harassment”

Equality and Inclusion

— Safeguarding Women’s Rights and Interests

As a global signatory to the UN *Women’s Empowerment Principles* (WEPs), AIKO is committed to adhering to its core principles and actively advancing gender equality and women’s empowerment. The Company clearly stipulates that gender, marital status, or pregnancy status shall not be used as criteria for recruitment, compensation, or promotion, ensuring female employees receive equal treatment and development opportunities. For women’s welfare, the Company has set up nursing rooms in office areas and provides female daily necessities, holiday benefits, and other support to build a more humane and caring workplace for female employees.

— During the reporting period —



The Company organized 4 appreciation events for female employees including International Women’s Day, and established 3 women-focused employee clubs such as yoga and dance clubs, which hosted a total of 24 activities.



AIKO Hosts an International Women’s Day Event

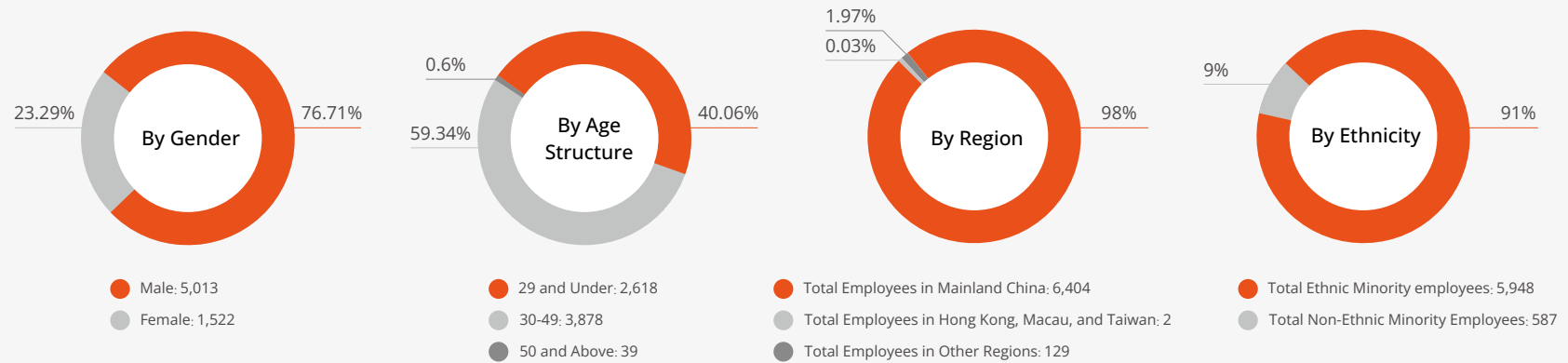
— Multicultural Development

As AIKO’s cross-border business continues to expand, specialized empowerment training on “Cross-Cultural Communication and Compliance” has been delivered to recruitment personnel and managers and staff engaged in overseas business to facilitate better cultural exchange and collaborative management. The program encourages the interaction and integration of diverse cultures and perspectives, improving employees’ cross-cultural comprehension and collaboration capabilities.

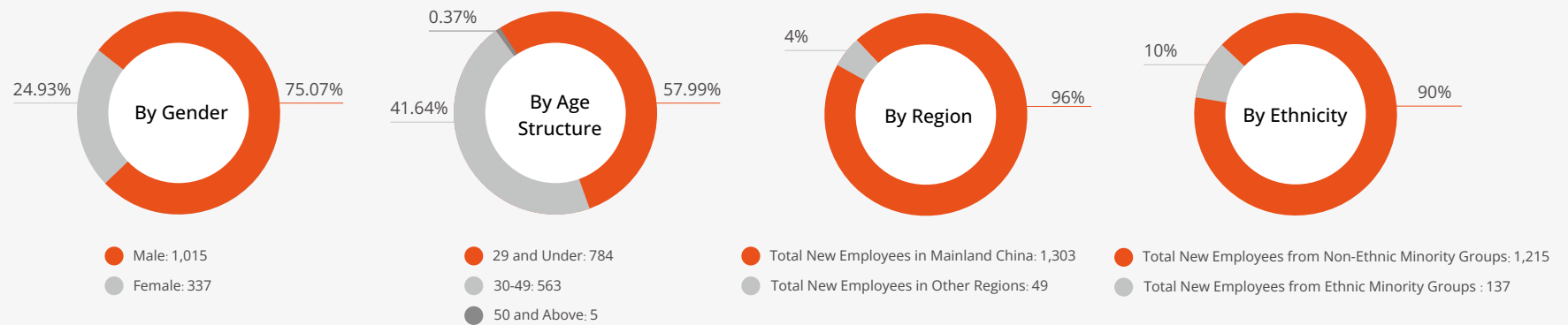


AIKO Conducts Cross-cultural Empowerment Training

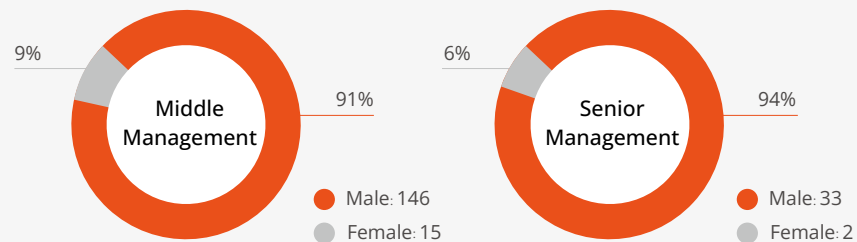
○ Formal Employee Structure⁷



○ AIKO's New Formal Employee Structure In 2025



○ AIKO's Middle and Senior Management Structure by Gender



⁷ The Total Non-Ethnic Minority Employees and the Total New Employees from Non-Ethnic Minority Groups both include overseas employees.

Talent Attraction and Retention

AIKO provides employees with a diverse benefits system and clear career development pathways, supporting and empowering individual employee growth through tiered employee training, and is committed to creating a work environment that is attractive to global talent and full of growth opportunities and a sense of belonging.

Governance

To promote efficient governance of talent development, the Company has formulated the *AIKO Human Resources Development and Management Policy* and established a top-down ESG governance structure with the Board of Directors as the highest authority. Within this structure, the Human Resources Department, as a key executive body, is fully responsible for the Company's employee recruitment, implements the annual human resources demand plan, fully integrates ESG-related topics such as talent attraction and retention into the department's work management processes, and reports on the department's ESG work to the President's Office on a regular basis.

Strategy

Talent is the core driving force for the Company to achieve its strategic goals. We have built a talent strategy based on the three pillars of talent attraction, development and cultivation, and talent retention. We always follow the recruitment principles of "fairness and impartiality, differential selection, merit-based hiring, and rational allocation," and adhere to the talent screening standards of "attracting suitable individuals, identifying outstanding individuals, and hiring the right individuals." We comprehensively consider multiple dimensions such as talent competency, long-term development, and cultural alignment, focusing on building an excellent and diverse talent pipeline, continuously optimizing the talent structure, and actively attracting global talent.



Impacts, Risks, and Opportunities Management

Potential Risks and Opportunities	Description of Impact	Value Chain Stage	Time Horizon of Impact	Financial Impact	Management Measures
Risk					
Employee turnover	If the Company fails to promptly identify the root causes of employee turnover at the group and base factory levels and continuously improve its talent attraction and retention measures, employee turnover may occur, which could have an adverse impact on the Company's long-term development.	Own operations	Long-term	Increased administrative expenses	- Listen to employee voices, establish diverse employee communication channels, and effectively address employee concerns. - Enhance employee benefits and compensation to strengthen employees' sense of belonging.
Opportunity					
Diverse talent attraction and retention measures	Diverse talent attraction and retention measures can enhance the Company's overall industry competitiveness, and the stability of employees in key positions such as manufacturing and R&D can reduce recruitment costs to a certain extent.	Own operations	Short/Medium/Long-term	Increased revenue	- Expand diverse talent recruitment channels to attract outstanding talent from home and abroad. - Actively build an inclusive workplace. - Establish a competitive compensation system and a transparent performance appraisal system.

— Compensation System

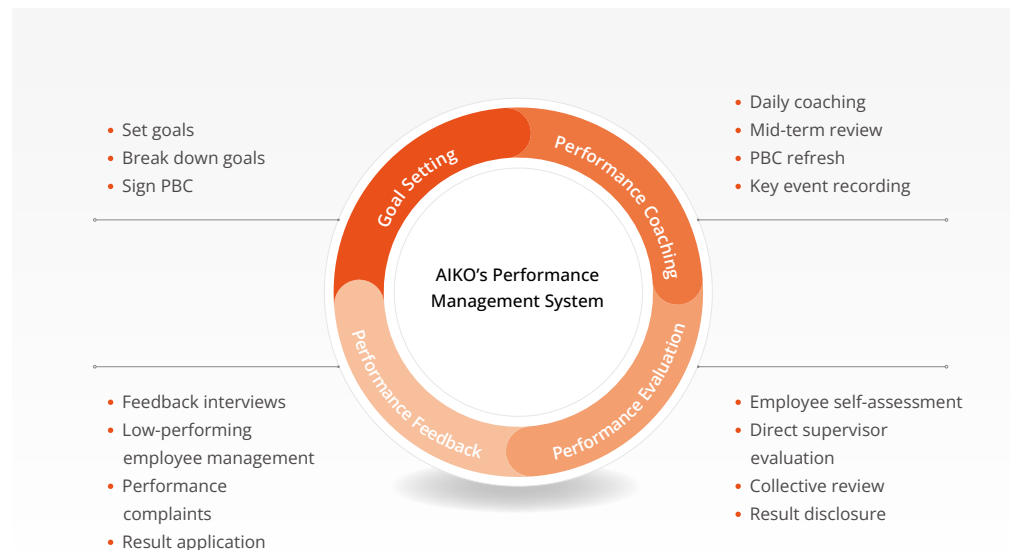
AIKO adheres to the principle of equal pay for equal work and commits to not setting different compensation and benefit standards based on factors such as an employee's race, ethnicity, religious beliefs, gender, age, or marital status. AIKO has formulated policies such as the *Compensation Management Regulations in line with standards like the UN Guiding Principles on Business and Human Rights*, which clearly stipulate that the compensation structure consists of four parts: basic salary, performance bonuses, long-term incentives, and spot incentives. Additionally, the Company maintains communication and cooperation with local trade unions and labor organizations, continuously monitors the economic conditions and changes in the cost of living in each operating location, and ensures that employees' quality of life is maintained or enhanced by improving the compensation system and adjusting salary levels accordingly. Furthermore, the Company prioritizes ensuring employees receive a living wage, not only ensuring that salaries are no lower than the local minimum wage standard but also striving to guarantee that employees and their families can maintain a basic and decent standard of living, including but not limited to access to adequate housing, food, educational opportunities, childcare, and emergency savings. During the reporting period, the Company conducted its first living wage survey.

— Performance Evaluation and Incentives

The Company has formulated the *Personal Performance Management Regulations* and the *Compensation and Performance Management System*, established a regular performance appraisal system covering all domestic and international employees, and set up a performance feedback mechanism to ensure the fairness and transparency of appraisals.

The Company has established a performance management system based on the Personal Business Commitment (PBC) model, which focuses on assessments of organizational performance objectives, individual performance objectives, and learning & development metrics. Tailored to specific business units, hierarchical levels, and responsibilities, the Company regularly conducts performance evaluations and provides feedback to ensure all employees participate in setting and assessing performance goals. Managerial and Technical Professional Staff participate in semiannual/annual appraisals, while operators are assessed monthly. Employees' individual performance results are directly applied to salary adjustments, bonus and long-term incentive distributions, promotions, and qualification upgrades. If an employee disagrees with their assessment results, they can provide feedback and file an appeal through channels such as face-to-face interviews and formal grievance procedures.

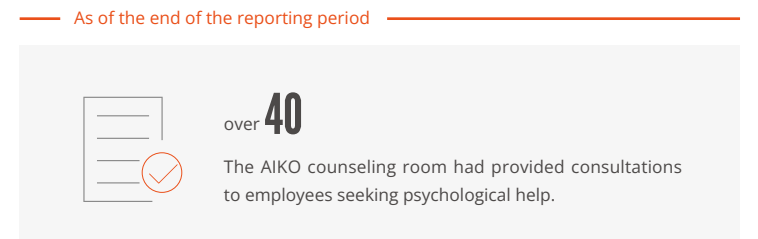
Based on an acquisition-and-sharing mechanism, the Company links all employees' bonuses to its overall performance, has established a mid-to-long-term incentive mechanism, and has implemented a Time Unit Plan (TUP) long-term incentive optimization scheme that allows employees to hold the Company's restricted shares and options through a dynamic allocation mechanism. This mechanism enables dedicated employees from different periods to share in the results of the Company's development, thereby stimulating the motivation, enthusiasm, and creativity of outstanding employees over the long term.



— Employee Welfare System

The Company is dedicated to employee well-being. In addition to statutory benefits, it provides all employees with welfare subsidies covering physical and mental health, as well as daily living needs such as clothing, food, housing, and transportation. The Company also prioritizes the welfare of retired, rehired, and financially struggling employees, offering them necessary financial support and assistance.

In 2025, the Company formally established an employee counseling room and hired professional psychological counselors to help employees resolve various mental health issues. The counseling room operates on an appointment basis, and employees can book consultation services by phone.



The Company Establishes a Counseling Room to Provide Consultations for Employees

Employee Welfare System

Statutory Benefits

- Providing pension, medical, unemployment, work-related injury, and maternity insurance, as well as a housing provident fund.
- Providing statutory annual leave, marriage leave, maternity leave, paternity leave, and parental leave.

Financial Support

- Providing rental subsidies, shuttle buses, meal allowances, travel allowances, and transportation subsidies for visiting family in other regions.

Relief and Assistance

- Proactively conducting employee outreach and support activities, assisting in improving the living conditions of employees in need, formulating mutual aid fund assistance policies, and providing support to employees facing financial hardship due to major illness, injury, death, or significant family disasters or accidents.

Physical and Mental Health

- Offering free health check-ups and establishing a counseling room to provide employees with free psychological consultations.
- Constructing high-quality dormitories and fitness centers, offering free accommodation, gym access, group fitness classes, and more.
- Establishing employee clubs.
- Distributing birthday gifts and holiday benefits.

Retirement Benefits

- Providing assistance programs for retirees and rehired employees, with benefits such as bonuses and equity incentives implemented in accordance with the Company's regulations.
- Providing commercial insurance for retirees and recalculating the length of service for employees rehired within six months of their departure, with their salary and position generally remaining unchanged.

Employee Labor Union and Committees

The Company has established a labor union in accordance with the law, which includes a Female Employees Committee, a Funds Review Committee, and a Labor Union Committee. The Company respects employees' rights to choose to join the labor union, seek representation, and participate in the Employee Representative Congress. Through the labor union platform, the Company ensures that employees can participate in democratic corporate management legally and orderly. The Company signs collective bargaining agreements with employees in accordance with the law, effectively safeguarding their legitimate rights and interests.

The Company regularly convenes the Employee Representative Congress to discuss and make decisions on major matters concerning the grassroots labor union and issues closely related to employees. It fully listens to the opinions of employee representatives to promote the reasonable improvement of relevant systems and management measures, thereby building harmonious and stable labor relations. Additionally, the labor union formulates an employee care program each year, regularly organizes diversified activities, and actively implements employee care initiatives. Furthermore, the Company respects and encourages employees to form employee associations spontaneously, has formulated the *AIKO Employee Association Management Regulations*, and provides financial support to encourage employees to engage in activities in their spare time, achieving a work-life balance.

Responsibilities of Each Committee of the AIKO Labor Union



Female Employees' Committee

Responsible for all matters concerning the Company's female employees and safeguarding their legitimate rights and special interests in accordance with the law.



Funds Review Committee

Represents all labor union members in reviewing and supervising the income, expenditure, and property management of the labor union's funds.



Labor Union Committee

Responsible for organizing various activities, conducting employee outreach, supervising internal production safety at the Company, and carrying out work related to labor protection for employees.

AIKO's Various Bases Regularly Hold Employee Representative Congresses



Zhuhai Base's Labor Union participates in the Qianwu Town Member Representative Assembly



Zhuhai Base holds the First Session of the Second Labor Union Member Representative Assembly



Zhuhai Base's Labor Union visits hospitalized employees



Zhuhai Base's Employee Representative Congress conducts consultation meeting on attendance system revision



Tianjin Base's Labor Union holds employee symposium



Yiwu Base's Labor Union launches summer daycare program for employees' children

> Key Performance | In 2025

100% coverage rate for permanent employees for the “five insurances and one housing fund” (pension, medical, unemployment, work-related injury, and maternity insurance, as well as a housing provident fund).

The Company provided free health check-ups for all employees and distributed approximately RMB **2 million** in holiday benefits for events such as the Spring Festival and Mid-Autumn Festival.

Employee Communication

The Company values employee feedback, actively listens to their concerns, and has built a diverse communication platform and mechanism combining online and offline channels. The Company launched the “Voice of AIKO” Community, regularly holds Democratic Life Meetings and Employee Symposia, and has opened multiple complaint and appeal channels. These measures effectively ensure convenient, smooth, and confidential communication, promoting effective exchanges between management and employees.

The Company has also established an appeal escalation procedure. If an employee disagrees with an initial response, they can further appeal to relevant departments such as the Labor Union Committee, the Legal Department, or the Audit Department based on the nature of the issue to ensure the problem is effectively handled and resolved.

Holiday and Club Activities at AIKO's Various Bases



Foshan Base Mid-Autumn Festival Event



Foshan Base Basketball Tournament



Foshan Base Christmas Event



Foshan Base Birthday Party



Tianjin Base “Summer Cool-Down” Event



Tianjin Base Spring Festival Event



Tianjin Base Management Development Activity



Tianjin Base Badminton Competition



Yiwu Base National Day Event



Yiwu Base Employee Spring Outing



Yiwu Base Employee Outreach Activity



Yiwu Base “Employee Family Day” Event

AIKO Employee Complaint & Appeal Channels

Labor Union and Employee Representative Congress	Through measures such as organizing collective bargaining, signing collective contracts, holding regular meetings to discuss major issues, and listening to employee opinions, the rights of employees to communicate, appeal, and participate democratically are legally protected, fostering harmonious labor relations.
Legal Department	Maintains channels such as email and postal mail to handle reports and complaints related to legal matters.
Audit Department	Maintains channels including email, telephone, postal mail, WeLink, and official WeChat accounts to handle fraud-related complaints and reports from business partners and employees.
Quality Management Department	Establishes an internal complaint mechanism to handle employee complaints within various departments, establishing a comprehensive process from initiation, case filing to closure.
AIKO Voice Community	The Company allows all employees to post anonymously on the platform to report, complain, or appeal. Dedicated staff in each department follow up on and handle these matters, and publish progress updates in a timely manner. Each factory has established a Community Liaison System, with designated staff to follow up on and address various employee requests raised on the community platform. The entire process, from problem collection and handling to result feedback, remains transparent and open to ensure that every employee request is valued and effectively resolved.
Each Factory	The Company has established a Factory Manager Mailbox, where employees can submit complaint or appeal letters at any time. The Factory Manager will personally follow up on these matters and promptly announce the results to ensure efficient resolution.
Human Resources Department	The Company has set up a dedicated email address to handle reports and complaints about various incidents, including but not limited to: human rights violations (such as discrimination, harassment, privacy infringement, and forced labor), inaction, slow action, misconduct, and actions that cause economic loss or serious consequences for the enterprise.

Employee Engagement Survey

In 2025, the Group launched an employee engagement survey. This survey was framed around the “Agile Organization Engagement Model” from Beisen Consulting, a leading human resources management technology company in China. Tailored to the Company’s industry and employee characteristics, it used an anonymous questionnaire to assess employee work experience. The Company organized “focus groups” to collect, analyze, and conduct in-depth discussions on the survey results, subsequently formulating targeted improvement plans to continuously enhance employee engagement.

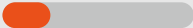
> Key Performance | In 2025

The employee engagement score reached **92** points.

Indicators and Targets

> Key Performance | In 2025

25%



The gender pay gap between male and female employees was

1.08:1



The male-to-female pay ratio for middle management was

1.24:1



The male-to-female pay ratio for general employees was

100%



The percentage of employees undergoing performance evaluations was

635

The number of employees holding the Company's restricted shares or options reached

Talent Attraction and Retention Issue Targets	Target Setting	2025 Progress
Employee Coverage Rate of Collective Bargaining Agreements in China	Maintain 100% by 2030	The employee coverage rate of collective bargaining agreements in China was 100% ✓
Employee Engagement	Increase employee engagement by 5% by 2030, using 2023 as the baseline	The employee engagement score was 92 In progress

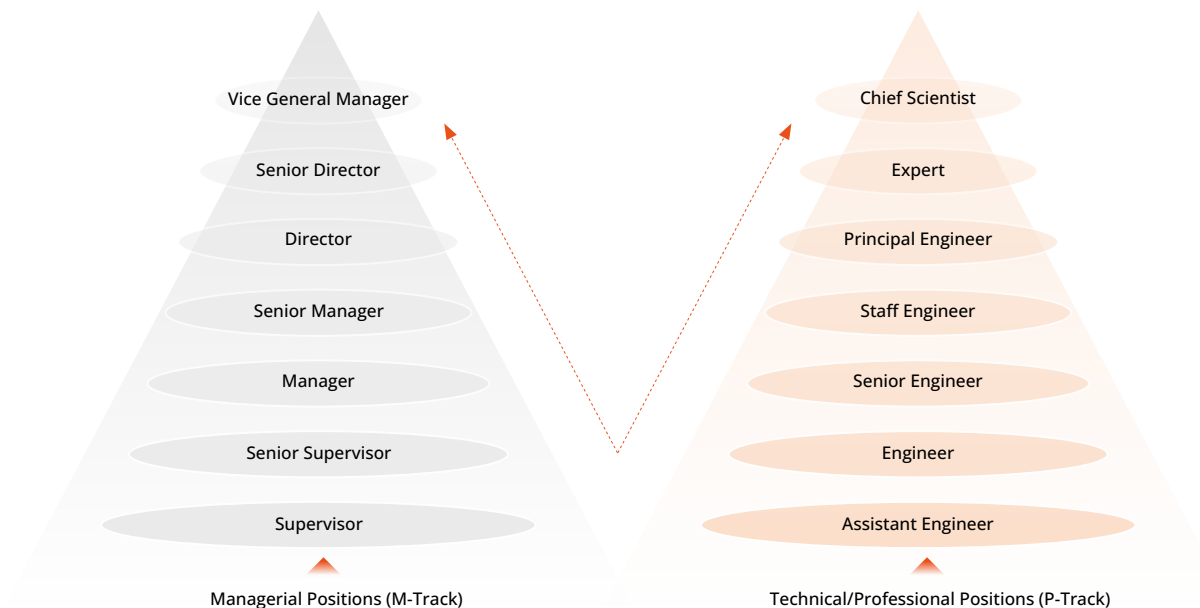
Fostering Employee Growth Together

AIKO is committed to building a comprehensive and systematic talent development system. By creating dual-track career development paths for technical and managerial roles, offering a series of empowering courses, and encouraging and supporting employees to continuously challenge themselves and uncover their potential, the Company helps employees achieve sustainable career growth.

Talent Development

The Company has formulated policies such as the *Operational Rules for Cadre Appointment and Exit Management*, the *Operational Rules for Person-Post Matching*, the *Position Management Regulations*, and the *Regulations on Qualification Management* to establish a standardized qualification management system. Concurrently, the Company has established a dual-track career development framework encompassing technical/professional and managerial paths, along with an internal rotation mechanism, to empower employees to explore their potential and leverage their individual strengths.

Dual-Track Talent Development Path



Talent Cultivation

The Company places great importance on talent cultivation and is dedicated to building a high-quality talent team. Guided by the goals of “cultivating high-quality talents, addressing practical problems, and building excellent platforms”, the Company has established a standardized job qualification management system and developed a hierarchical, categorized project system aligned with talent growth trajectories. The Company has also formulated the *Training Management Regulations* and launched several customized key talent and capability cultivation projects, focusing on improving leadership abilities, professional skills, and diversified job competencies. Through an integrated online-offline training system, the Company provides comprehensive learning resources for employees. The “AIKO Academy” online learning platform offers courses covering five major themes: corporate culture, leadership, general skills, professional skills, and company policies, with over a thousand learning modules. Leveraging this digital learning platform, the Company provides diverse training content and manages training needs collection, program design, operation and evaluation to continuously empower talent development across all levels within the organization. Additionally, the Company has implemented the *Mentorship Management Regulations*, integrating mentorship into training plans to accelerate the competency development of new employees and reserve cadres.

AIKO Academy Talent Empowerment System

Category	Training Program	Management Tool
General Competencies	General competencies learning and development program	• Cadre competency model
New Employees	New employee learning and development program	• Cadre learning map
Leadership	Leadership learning and development program	• Job qualification system
Professional and Technical Skills	Professional and technical learning and development program	• Talent competency model
General Skills	General skills learning and development program	• Talent learning map • Talent review system • Skills assessment center

Various Training Programs Conducted by the Company



Leadership Training

The Company has launched the “Xuri Program”, which is based on the Business Leadership Model (BLM) and systematically enhances the leadership capabilities of management cadres through various formats such as theoretical lectures, external benchmarking visits, forums with the Chairman, and topic seminars. The Company also maintains long-term cooperation with authoritative and high-quality external institutions to continuously provide empowerment and further education opportunities for managers at all levels. In 2025, high-end learning resources were provided to 7 individuals, including the *Chief Human Resources Officer (CHRO)* Series at China Europe International Business School (CEIBS) and the *Excellent Managers* series at Tsinghua University School of Economics and Management, with tuition fees reimbursed by the Company.



Middle and Senior Management Personnel Undergo Training on Results Management and Self-Management



Management Echelon Training

By combining internal development and external resource introduction, the Company has designed and implemented management learning and development programs including the “Hongri Program”, “Zhaori Program”, and “Xiaori Program” to cultivate reserve talents for key management positions such as directors, managers, and supervisors. Concurrently, the Company conducts training programs including management competency empowerment and cadre organizational climate renewal, systematically improving managers’ comprehensive capabilities around core modules including organizational management fundamentals, work management, and team leadership. Through course modules such as “Awakening Aspirations — Understanding the Status Quo — Practicing in Action”, the Company strengthens cadres’ awareness and practical management capabilities regarding organizational climate and team decision-making behavior.



Management Competency Empowerment Training



Cadre Organizational Climate Renewal Initiative



Professional and Technical Training

Guided by the job qualification system, the Company irregularly conducts a series of training programs covering various professional fields including production, process, equipment, quality, R&D, and finance. Based on the technical training framework for engineers, the Company has designed specialized learning and development programs including the “Yujian Program”, “Liangjian Program”, “Lijian Program”, and “Zhujian Program”. Furthermore, the Company has designed the “Panshi Program” for team leaders to continuously enhance front-line management capabilities. During the reporting period, the team leaders’ “Panshi Program” was delivered in 12 sessions, with 256 participants attending the empowerment training.



Team Leaders’ “Panshi Program” Development Project



“Lijian Program” — TRIZ Technical Innovation Training



Team Leader Training



Process and Equipment Lead Training



New Employee Training

New employees are a new force in the Company's talent development. The Company provides onboarding training for all new employees covering corporate culture, communication skills, and job knowledge. Through mentorship, supervisor one-on-ones, hands-on project practice, and other forms, it helps new employees quickly integrate into the corporate culture and realize value creation. Meanwhile, the “Chenxi Program”, a learning and development program tailored for fresh graduates, helps them rapidly transition from students to professionals and achieve job competence.



The Company Conducts Training for New Employees



Internal Trainer Training

To support key technical talents in transforming into internal trainers and becoming a core force for knowledge inheritance and talent development, the Company focuses on course development, teaching skills, and interactive session control, adopting a “learning-practice integrated” model to refine courseware and delivery capabilities through practical drills. The Company also issues internal trainer certificates to those who pass the assessment, accompanied by teaching allowances and promotion incentives.



Talent Exchange and Cooperation

The Company continues to deepen cooperation with educational institutions, committed to providing employees with customized training courses to support their personal growth and career development. The Company has further expanded cooperation with Shanghai Golden Finance Consulting Co., Ltd. to offer more in-depth finance courses and tax policy consulting services for the finance team, ensuring that financial professionals keep abreast of the latest regulations and practical skills. Meanwhile, the Company has strengthened cooperation with Chunhua Education to promote the employee academic advancement program, covering pathways from senior high school to junior college and from junior college to bachelor's degree.

In addition, the Company provides employees with various domestic and international exchange opportunities, allowing them to study cutting-edge topics such as lean manufacturing and digitalization in Germany, Japan, and other countries. The Company also regularly organizes vocational skill level accreditation to help employees continuously improve their professional skills and corresponding benefits. In 2025, employees obtained 9 types of professional skill certificates, including electrician certificate, forklift operator certificate, and special equipment management certificate. A total of 41 employees obtained the certificates, with examination fees reimbursed by the Company.

> Key Performance | In 2025

42,308 person-times
Total training participation reached

100,955.22 hours
Total training duration was

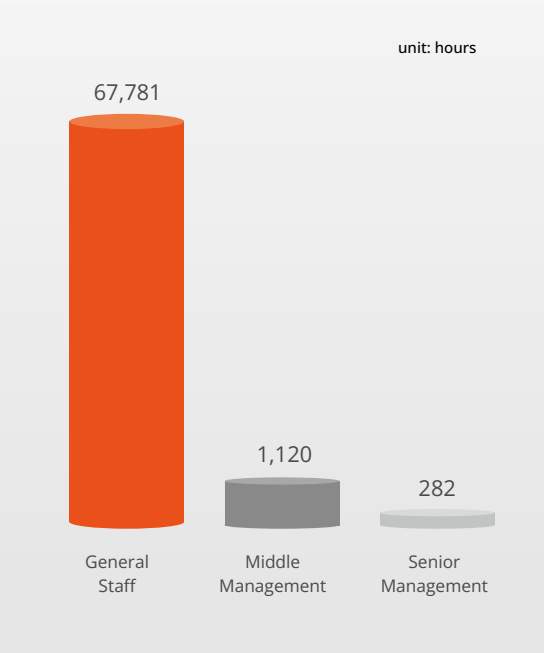
15.45 hours
Average training duration per person was

100 %
Employee training covered the entire group and all production bases, achieving a coverage rate

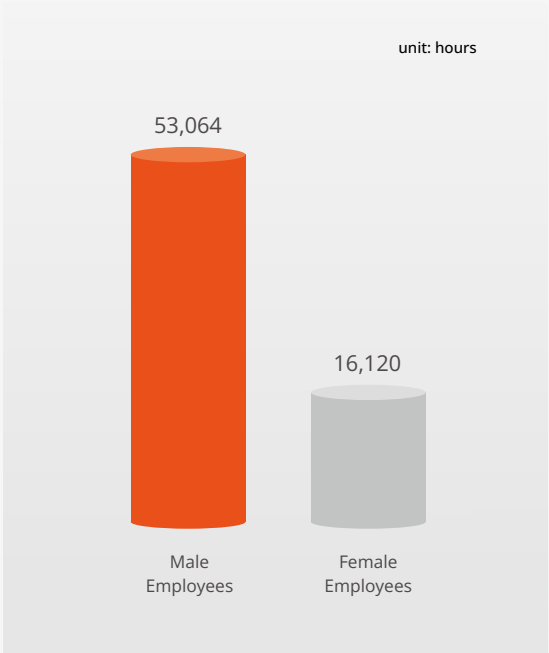
RMB **1.438** million
Training investment amounted to

35 hours
Average leadership training hours for management were

Total employee training hours by rank



Total employee training hours by gender



Occupational Health and Safety

AIKO is committed to providing a healthy and safe working environment for employees. The Company fully implements the occupational disease prevention policy of “prevention first, integrated prevention-treatment approach” and continuously enhances work safety management capabilities. Through a series of targeted measures, the Company promotes employees’ physical and mental health and effectively reduces occupational health and safety risks in the workplace.

Work Safety Management

AIKO strictly complies with laws and regulations including the *Work Safety Law of the PRC* and the *Occupational Disease Prevention and Control Law of the PRC*, as well as local legal requirements in overseas operational jurisdictions. The Company has formulated and implemented a series of policy documents, including the *AIKO Environmental, Safety & Occupational Health Management Policy*, the *EHS Management Manual*, and the *Ten Red Lines for Work Safety*, to continuously strengthen its Environment, Health and Safety (EHS) governance system.

The Company has established a Safety Committee, clarifying management responsibilities at all levels, and requires each production base to set up a Work Safety Committee (WSC), chaired by the primary person in charge or senior manager of the base. The Work Safety Committee meets monthly to assess current work safety situations, make decisions on significant safety issues, and effectively enforce safety management responsibilities. To further enhance occupational health and safety management, the Company has adopted the comprehensive DuPont Work Safety Management System and established an occupational health and safety management system covering target setting, implementation, and supervision and evaluation. Each base formulates clear annual work safety goals and signs work safety responsibility agreements, assigning safety accountability to specific positions and personnel. The Company also promotes the implementation of leadership EHS personal action plans and the application of Standard Operating Procedures (SOP) tools to strengthen territorial management and performance incentives, thereby improving safety management execution. The Environmental Safety Department regularly assesses and evaluates the performance of safety officers, rewards outstanding performers, and continuously optimizes safety management evaluation rules to improve the management mechanism. Through systematic management measures, the Company steadily enhances its safety governance capabilities and risk prevention and control levels.

Organizational Structure of the Safety Committee



> Key Performance | In 2025

All bases including Tianjin, Jinan, Zhuhai, Chuzhou, Foshan, and Yiwu have obtained ISO 45001 Occupational Health and Safety Management System certification, achieving a **100%** coverage rate

Total investment in employee work-related injury insurance was RMB **2,988,278**

Occupational Health Management

— Hazard Identification and Emergency Management

The Company attaches great importance to safety risk prevention and control, and has established a dual prevention mechanism for hierarchical risk control and hidden danger investigation and management. The Company has introduced professional risk assessment tools, and each production base conducts hazard identification quarterly to implement control measures for newly identified hazards. At the same time, hierarchical risk control is carried out regularly, and personnel at all levels are organized to implement hazard remediation in accordance with different risk levels. In addition, each production base holds monthly safety meetings to summarize safety and environmental performance, and promptly rectify identified safety hazards, so as to effectively protect the lives of employees and ensure the stable operation of the Company.

In terms of emergency management, the Company has formulated multiple emergency plans including the *Emergency Response Plan for Work Safety Accidents*, the *Emergency Response Plan for Environmental Emergencies*, and the *Special Emergency Response Plan for Major Hazardous Chemicals*, and has established a comprehensive work safety emergency management system in which the Group formulates the overall plan and requires each base to implement it in light of its own conditions. The Company has set up a special leading group for emergency management, built a company-level emergency contact network, and coordinates and supervises emergency work through the Emergency Response Team (ERT) of each plant. In addition, the Company focuses on collaborative safety between the community and the park, and has set up micro fire stations and a full-time fire brigade in the plants to shorten the hazard response process and effectively protect employees' lives and ensure stable operation of the Company. Each production base also continuously improves emergency plans, establishes emergency organizations, is equipped with emergency equipment, and formulates and strictly implements annual drill plans for scenarios such as fire, special equipment accidents, chemical spills, electric shock, mechanical injury and natural disasters.

— EHS Digital Empowerment

The Company actively promotes the digital transformation of occupational health and safety, and advances the construction of an EHS digital management platform at the Zhuhai and Yiwu Bases, integrating equipment safety, environmental monitoring and occupational health risk control into a unified system. This realizes centralized management of safety data and real-time monitoring and push of abnormal data, ensuring efficient and timely handling of EHS-related issues. The platform can conduct real-time monitoring of unauthorized closing and opening of safety doors in the battery workshop, and effectively reduce the risk of mechanical injury through personnel intervention. At the same time, a digital biometric system is used to dynamically supervise key operating areas such as equipment loading and unloading positions, which automatically alarms and shuts down when unauthorized personnel entry, effectively strengthening the proactive identification and dynamic control of safety risks. In addition, the digital disaster prevention system of "Smart Firefighting + IFS + BOE" built by the Company can quickly and accurately push alarm information to firefighters, improving the timeliness of fire alarm transmission and response speed. Through the application of digital systems, the Company continuously improves the front-end prevention capability of occupational health risks and management transparency, and promotes the continuous improvement of work safety and employee health protection.

> Key Performance | In 2025

5,608

The Company identified a cumulative total of hazards across all Bases⁸

100%

The Company achieved a rectification completion rate



Yiwu Base Using Drones for Daily Patrols of Rooftop PV Panels



EHS Digital Platform at Yiwu Base

⁸ During the reporting period, the Chuzhou Base was undergoing upgrades and renovations; therefore, occupational health and safety-related data from this site was not included in the statistical scope for this period.

Occupational Disease Prevention

The Company strictly abides by the labor laws and occupational health and safety regulations of each operating location, and has formulated and implemented a series of systems including the *Occupational Health Management System*, the *Occupational Health Monitoring and Archives Management System*, and the *Labor Protective Equipment Management System*, continuously improving various occupational disease prevention measures such as occupational disease hazard factor testing and equipment certification. The Company implements online management for personnel in positions involving occupational hazards, establishes personal health files, regularly conducts assessment and testing of occupational disease hazard factors, identifies potential risks and develops corresponding protection and response plans.

During the reporting period, the incidence rate of occupational diseases was zero.

Occupational Health and Safety Protection Measures

Source Control

- Strictly select environmentally friendly and low-hazard raw materials and advanced production equipment, conduct entry equipment certification, and reduce the risk of occupational diseases at the source.

Provision of Protective Equipment

- Distribute labor protective equipment (PPE) that meets local occupational health and safety protection requirements according to the hazard factors of different positions.

Health Management

- Improve on-the-job labor protection management and establish a "one file per person" occupational health monitoring file.
- Entrust professional institutions to conduct occupational disease hazard factor testing at least once a year, conduct a current situation evaluation every three years, and announce the results to employees.
- Formulate an occupational health monitoring system, arrange for employees to undergo occupational health examinations (pre-service, during service, and post-service), and declare occupational disease hazard factors as required.

Facilities and Emergency Support

- Build protective facilities such as ventilation and dust removal, and equip first-aid equipment and emergency medicines.
- Continuously improve emergency plans, establish a green medical treatment channel, and provide employees with free physical examinations and medical support.
- Strictly implement the equipment maintenance system to reduce hidden dangers of hazardous substance leakage.

Occupational Health Education

- Emphasize the importance of occupational health in new employee onboarding training.
- Conduct monthly inspections on the wearing of labor protection equipment, and carry out special inspections on occupational protection facilities quarterly to ensure that all measures are in place.

Safety Culture Development

The Company deeply integrates occupational health and safety awareness into daily production and operations, requiring each plant to regularly conduct systematic training for all employees covering four modules: fire emergency, safety, environmental protection and occupational health, so as to continuously improve the safety responsibility and protection awareness of all staff. In addition, the Company has established a linkage and coordination mechanism with local governments and emergency management departments to jointly organize various emergency rescue drills such as fire, typhoon prevention, flood prevention and gas leakage. Through regular training and diverse drills, the emergency response capabilities of employees are continuously enhanced.



Tianjin Base Conducts Emergency Drill for Mercury- and Chromium-Containing Waste Liquid Spills

On March 12, 2025, the Tianjin Base organized an emergency response drill for mercury- and chromium-containing waste liquid spills in the hazardous waste storage room, led by the EHS Department. The drill conducted a practical test on a typical scenario of spillage during hazardous waste transfer. Multiple teams were set up for warning, environmental monitoring, spill disposal, medical aid and personnel evacuation. Participants put on Class C chemical protective suits, protective masks and other equipment in accordance with procedures, used absorbent cotton to contain and recover waste liquid, conducted full-process environmental monitoring on site, and simultaneously completed personnel checks and area clearance, ultimately cutting off the spill source and bringing risks under control.

The drill had clear objectives and smooth organizational coordination, with timely early warning reporting, rapid personnel response, adequate materials and protection allocation, efficient overall command and coordination, and practical effects meeting expected goals. Meanwhile, in response to issues such as cross-departmental collaboration and on-site discipline identified in the drill, the Company proposed improvement measures to strengthen hazardous waste risk publicity and joint training, continuously improving the emergency response capacity for environmental emergencies.



Tianjin Base Conducts Emergency Response Drill for Mercury- and Chromium-Containing Waste Liquid Spills



Jinan Base Organizes Fire Emergency Evacuation Drill in Module Workshop

On June 25, 2025, the Jinan Base organized an emergency evacuation drill in the module workshop, with 133 participants from departments including production, manufacturing, R&D, human resources and suppliers. By simulating a real fire scene, the drill completed the activation of fire broadcast, full staff emergency evacuation and hands-on fire extinguisher operation in an orderly manner. Finally, all personnel were safely evacuated within 2 minutes and 32 seconds, effectively verifying the stability of the fire protection system and enhancing employees' emergency response speed.



Jinan Base Conducts Fire Emergency Evacuation Drill



Jinan Base Conducts Enhanced Firefighting Practical Skills Training for Security Personnel of the Administration Department

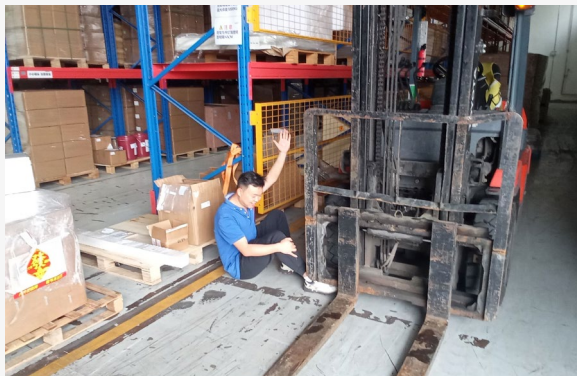
To further improve the emergency response capacity of grassroots security forces and ensure "rapid response and precise fire fighting" in case of sudden fire, the administration department of Jinan Base organized a special firefighting practical training for the security team, covering core items such as the standard use of fire extinguishers and fire hydrants, quick donning of Self-Contained Breathing Apparatus (SCBA) and precautions for fire fighting. In view of the skill blind spots of security personnel, this training helped participants master the operation essentials of fire equipment through hands-on teaching and repeated practical exercises, and strengthened their command awareness of evacuation and escape in simulated actual combat.



Jinan Base Conducts Firefighting Training for Administration Department

Zhuhai Base Conducts Forklift Accident Emergency Drill in Raw Materials Warehouse

On March 4, 2025, the Zhuhai Base organized a forklift accident emergency drill in the elevator area of the raw materials warehouse, with the joint participation of the Warehousing Department and the EHS Department. The drill simulated a sudden scenario of personnel injury caused by forklift operation, and completed key procedures such as personnel treatment and wounded transportation to hospital in a targeted manner, aiming to test the practicability and reliability of the emergency plan and clarify the emergency action procedures of each position. Through this practical simulation, all participants were able to fully understand and correctly handle forklift injury accidents in accordance with emergency procedures, effectively improving the team's coordinated response capacity.



Zhuhai Base Conducts Forklift Accident Emergency Drill

Zhuhai Base Conducts Flood and Typhoon Prevention Emergency Drill

To improve the emergency response capacity under extreme weather conditions, the Company organized a special flood and typhoon prevention emergency drill at the Zhuhai Base in April 2025, providing systematic training on emergency organization, material support allocation and on-site disposal procedures. During the drill, emergency management personnel focused on publicizing the Company's special flood and typhoon prevention plan, focusing on explaining the operation of the base's drainage system and the distribution of water-prone areas. At the same time, they interpreted the drill steps and division of responsible areas with flowcharts, clarifying the division of duties of each position. On-site inspections and verifications were also carried out in key responsible areas to further verify the operability of the emergency plan and on-site execution effect.



Zhuhai Base Conducts Flood and Typhoon Prevention Emergency Drill

> Key Performance | In 2025

467

The Company organized specialized safety training sessions

62,542 person-times
with participation reaching

100 %
achieving a training coverage rate

261

The Company conducted a total of various environmental and safety drills and trainings

14,526 person-times
with participation reaching

137
The Company held ERT training sessions

4,802 person-times
with participation reaching

Occupational Health and Safety Targets	Target	2025 Progress	
Number of Accidents Resulting in Serious Injury or Worse (Incidents)	0	0	✓
Occupational Disease Incidence Rate (%)	0	0	✓
Number of Major Fire and Explosion Incidents (Incidents)	0	0	✓

05 Partnering for Sustainable Value Creation

AIKO consistently maintains close collaboration with all stakeholders to forge a responsible supply chain ecosystem that ensures sustainable procurement practices. We earn customer trust through high-quality services that drive business growth. Additionally, we empower industry advancement through technological innovation and ecosystem co-creation while actively supporting community development initiatives that fulfill our corporate social responsibilities. On our path toward sustainable development, we will work hand-in-hand with all our partners to co-create value and build a shared future.

Material issues covered in this chapter

- Sustainable Supply Chain Management
- Customer Service and Satisfaction
- Community Relations and Social Contributions

UN SDGs addressed in this chapter



Responsible Procurement Management

AIKO recognizes the importance of a stable and reliable supply chain for corporate sustainable development. Leveraging diversified digital platforms, we improve our supply chain management system and digital collaboration mechanisms to enhance full lifecycle management for suppliers. We promote green and low-carbon practices, strengthen traceability and responsible mineral management, and enhance supply chain resilience through localized sourcing and diversified layouts. We are committed to collaborating with our suppliers to build a sustainable supply chain that is transparent, compliant, green, low-carbon, efficient, and stable.

Governance

The Company strictly complies with laws and regulations such as the *Tendering and Bidding Law of the People's Republic of China*. It has formulated and continuously improved procedures and systems including the *Material Procurement Management Procedures*, the *Tendering and Bidding Management Regulations*, the *Supplier Quality Performance and Daily Management Specifications*, and the *Supplier Blacklist Management Regulations* to constantly standardize its supply chain management system.

The Company has established a supply chain management structure characterized by clear divisions of labor and well-defined responsibilities, supervised by the Board of Directors, with decision-making by the Strategy and Sustainability Committee, management by the ESG Working Group, and execution by the Purchasing Department. Internally, the Purchasing Department adopts a collaborative, parallel structure with multiple divisions: the Integrated Procurement Department, Silicon Materials Purchasing Department, Equipment Procurement Department, Base-specific Procurement Departments, and the Quality Operations Department. For supplier management, the Purchasing Department employs a centralized certification combined with decentralized execution model, facilitating hierarchical segmentation across the procurement process to effectively minimize business ethics risks such as corruption.

Supply Chain Management Structure



Board of Directors

- Responsible for the overall management and supervision of the Company's supply chain-related ESG risks and strategies.

Strategy and Sustainability Committee

- Responsible for overseeing the implementation and completion of supply chain ESG work plans and targets.

ESG Working Group

- Reviews the accuracy of supply chain-related content and performance data in the ESG report.
- Coordinates the work of the ESG working group.
- Periodically reports on supply chain-related ESG work progress to the Strategy and Sustainability Committee.

Purchasing Department

- Periodically reports on supply chain ESG work progress to the ESG Working Group.
- Responsible for collecting supply chain-related data and preparing reports.
- Integrates sustainable supply chain management topics into the work and management processes of the Purchasing Department.

Procurement Department Executive and Coordinating Departments

- The Silicon Materials Procurement Department and the Integrated Procurement Department are respectively responsible for sourcing, qualifying, evaluating, and assessing suppliers of silicon materials and non-silicon centrally-procured materials, as well as for managing quotas and formulating corresponding procurement strategies.
- Each base's procurement department is responsible for managing the delivery of non-silicon raw materials to the site, ensuring that all approved suppliers at the base level comply with the Company's sustainable supply chain management requirements.
- The Equipment Procurement Department is responsible for the full lifecycle management of equipment and spare parts procurement.

Furthermore, Aiko has incorporated sustainable development management indicators into the PBC assessments for the Procurement Director, encompassing six indicators across four topics: supplier audits, conflict minerals management, ESG training, and greenhouse gas emissions.

Topic	Indicator
Supplier Audits	• 100% Of Production Material Suppliers⁹ Completed Self-Assessments. • Incidence of Supplier ESG Compliance Issues ≤1 Time, with Zero Major Violations.
Conflict Minerals Management	• 100% Of Suppliers of Tin-Containing Materials Responded to the CMRT Conflict Minerals Questionnaire. • 100% Of Suppliers of Tin-Containing Materials Provided a Source Mineral Declaration.
ESG Training	• Participation Rate ≥90%.
Greenhouse Gas Emissions	• 10% Of New Suppliers Provided GHG Emissions Inventory Reports.

⁹ The Company's production material suppliers (i.e., core suppliers) are suppliers that provide primary and major auxiliary materials for production, including silicon wafers, front-side silver paste, back-side silver paste, aluminum paste, screens, chemicals, gases, packaging materials, cells, backsheets, encapsulant films, aluminum frames, ribbons, junction boxes, glass, and potting compounds; non-production material suppliers are suppliers that provide materials other than those directly related to production and sales, primarily including fixed assets, intangible assets, spare parts, administrative supplies, production labor protection items, services, engineering projects, and maintenance items.

Strategy

The Company has formulated management systems including the *Supplier Development and Management Procedure*, the *Supplier Traceability Management Procedure*, the *Supplier Due Diligence Management Regulation*, the *Risk and Opportunity Management Procedure*, the *Supplier Code of Conduct*, and the *Supplier ESG Management Procedure* to fully integrate the concept of sustainable development into the Company's procurement principles and the entire supply chain management process. On the basis of ensuring a clean and compliant supply chain and high-quality raw materials, the Company is committed to building a diversified and sustainable supply chain.



Impacts, Risks, and Opportunities Management

— Supplier Management Process

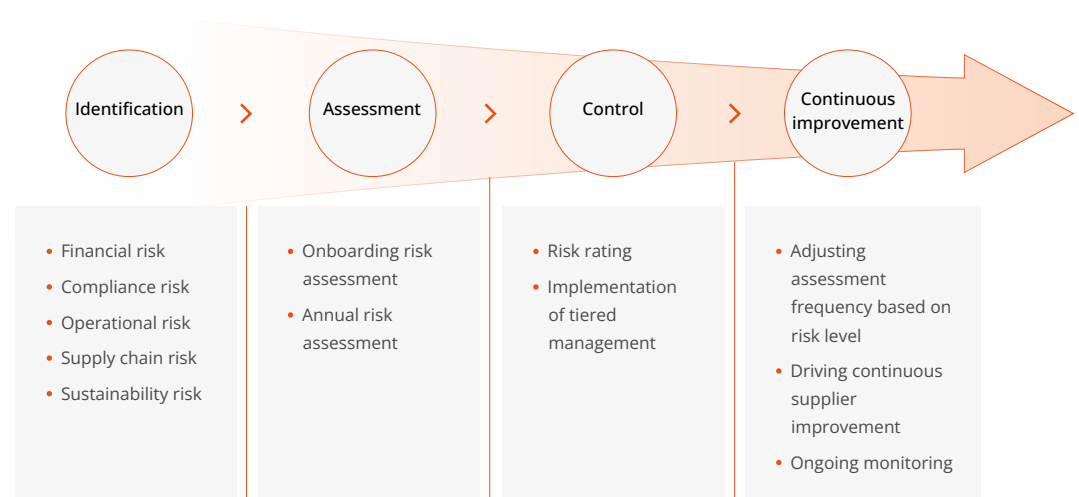
The Company has established a full supplier lifecycle management process, integrating ESG indicators into the supplier onboarding, evaluation, and offboarding stages.

Supplier Lifecycle Management Process	Supplier Admission	Basic Qualification Review and Registration - Basic Qualification Review and Risk Assessment: Conduct a preliminary review and risk assessment of new suppliers' basic information. - New Supplier Master Data Establishment: Complete basic information and upload qualification documents for approval. - Execution of Contracts and Agreements: Execute framework agreements (including social responsibility requirements such as environmental compliance, human rights protection, anti-conflict minerals, and anti-corruption and anti-bribery), non-disclosure agreements, and code of conduct agreements.	Supplier Qualification - System Certification: Conduct on-site audits and system certifications (quality, environmental, occupational health and safety, social responsibility, etc.) for suppliers in accordance with requirements for different product categories. - Material Qualification: Conduct material qualification activities including sample verification, small-batch and medium-batch trials based on the characteristics of different material categories, introduction timelines and process requirements.	Inclusion into the Qualified Supplier Pool Upon passing system certification and material qualification in accordance with the requirements of different material categories, suppliers are approved and included in the Company's qualified supplier list.	Key Audit Items - Qualification Certificates - Business Registration Information - Operational Risks - Legal Litigation - Raw Material Quality - ISO Management System Certification - ESG Risks Audit Methods - Material Evaluation - Sample Verification and Batch Testing - Supplier Questionnaire - Third-Party Due Diligence Platform - On-Site Audit
	Supplier Evaluation and Assessment	Supplier Self-Assessment - Suppliers are required to conduct self-assessments on social responsibility, EHS risks, and their environmental and social performance. Supplier Risk Assessment - Assess suppliers' risks related to finance, compliance, operations, conflict minerals, etc. High-risk suppliers shall implement corrective actions or suspend cooperation.	Supplier Audit - An annual audit plan shall be formulated based on suppliers' categories, grades and risk levels. Audit scope includes but is not limited to Company operations, environmental safety, social responsibility, process control, etc. - Conduct necessary on-site audits for any anomalies in material supply. - Qualified suppliers are audited across four dimensions: quality, price, service and delivery, and managed under an A/B/C/D tiered system. Measures including incentives, improvement support and penalties are implemented based on assessment results.	A Supplier Score ≥ 90 Appropriately increase their supply ratio. B Supplier Score 80–89 Maintain current transaction volume. C Supplier Score 60–79 Require suppliers to implement corrective actions and provide relevant support to assist their improvement.	Key Audit Items - Company Operations - Raw Material Quality - Service Quality - Price - Delivery - Process Control - Environmental Safety - Labor Rights - Business Ethics Audit Method - Supplier Performance Evaluation Form - Supplier Audit Evaluation Form - Supplier Self-Assessment - On-Site Audit
	Supplier Exit Mechanism	Exit Mechanism Cooperation shall be terminated with suppliers that are graded D (below 60 points) in routine assessments or that violate environmental and safety requirements.	Supplier Blacklist Mechanism In accordance with the Company's <i>Supplier Blacklist Management Regulations</i>, suppliers involved in violations such as falsified documents, counterfeit and shoddy products, safety accidents, quality accidents, environmental incidents and commercial bribery shall be subject to short-term or permanent blacklisting based on the severity of the violation. The supplier blacklist shall be publicized internally, and all Company employees are prohibited from any commercial cooperation or economic dealings with blacklisted suppliers.		

Supplier Risk Management

To ensure that risks related to quality, delivery, compliance, and sustainability for suppliers of production materials are systematically identified and controlled, the Company has established a supplier risk assessment mechanism to conduct regular risk screening and evaluations for potential and existing production suppliers. New suppliers must undergo an initial risk assessment prior to onboarding, led by the Purchasing Department in collaboration with departments such as the Quality Management Department. Existing suppliers shall undergo regular comprehensive risk assessments, or special assessments shall be initiated when significant changes occur (such as changes in equity, major litigation, or major quality incidents). The Purchasing Department is responsible for maintaining supplier risk assessment files and updating risk levels in a timely manner. High-risk suppliers that fail to rectify and meet standards on schedule will face suspension or even termination of cooperation.

Supplier Risk Management Process



Supply Chain Risk and Opportunity Identification Results

Potential Risks and Opportunities	Description of Impact	Value Chain Stage	Impact Timeframe	Financial Impact	Management Measures
Risk					
Supply chain resilience	Factors such as climate change and changes in supplier production capacity may lead to supply chain disruptions or fluctuations in raw material prices, thereby affecting business continuity.	Upstream in the value chain Own operations	Short-term	Decrease in revenue	Strengthen localized procurement and supplier diversification management to reduce logistics costs and delivery risks.
Opportunity					
Supply chain digitalization	Efficient digital management helps the company integrate internal resources, strengthen collaboration, improve supply chain management efficiency, reduce costs, and enhance competitiveness.	Upstream in the value chain Own operations	Short-term/Mid-term/ Long-term	Decrease in operating costs	Promote the development of a supply chain digital system, launch multiple supply chain management platforms such as SRM and Portal, and achieve IT enablement of key processes.

Supplier Due Diligence and Traceability Management

The Company has formulated the *Supplier Due Diligence Management Regulations* and the *Supplier ESG Management Procedures*. The Procurement Department regularly develops and updates the annual supplier due diligence plan, and conducts at least one on-site audit or online document review each year to proactively identify, assess, prevent, mitigate or eliminate actual or potential negative impacts arising from suppliers.

For traceability management, the Company has established the *Supplier Traceability Management Procedures*, covering supplier development and onboarding, daily management, performance evaluation and application. The Company commits that traceability management along the silicon material chain shall cover at minimum the polysilicon supplier level, so as to continuously improve supply chain transparency and traceability. While strengthening its own supply chain traceability management, the Company also encourages and guides suppliers to conduct due diligence on their upstream partners, promoting the overall improvement of responsible management across the supply chain.

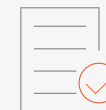
Supplier Traceability Management Process



Conflict Minerals Management

The Company has gradually established a conflict minerals management system with reference to the *OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas*, covering policy formulation and commitment signing, traceability management, risk assessment and management, information disclosure, and whistleblowing. The Company commits not to purchase or use any mineral resources from conflict-affected areas, so as to protect human rights, health and the environment in production regions. It has formulated and implemented the *Responsible Sourcing and Conflict Minerals Policy*, which requires the Company and all suppliers to strictly abide by it. In terms of traceability management, since the Company's production only involves a small amount of tin, its conflict minerals management focuses on traceability management of tin suppliers. The Company traces the origin of relevant minerals to the smelter level by collecting and reviewing the Conflict Minerals Reporting Template (CMRT), supplier maps and certificates of origin submitted by suppliers. For high-risk suppliers, the Company supervises their rectification to ensure a closed-loop management.

During the reporting period



The Company conducted conflict minerals due diligence on 100% of its tin material suppliers (14 in total). All materials supplied by these tin suppliers met the conflict-free requirements, with no irregularities recorded.

Supplier Conflict Minerals Management Initiatives

System and Commitments	Traceability Management	Risk Assessment and Management	Information Disclosure	Supervision and Reporting
- Formulate the <i>Responsible Sourcing and Conflict Minerals Policy</i> and the <i>Supplier Code of Conduct</i>, requiring suppliers to strictly comply with relevant requirements - Require suppliers to sign the <i>Conflict-Free Minerals Declaration</i>	- Conduct traceability management, tracing 100% of suppliers involved in 3TG materials back to the smelter level - Require suppliers to complete the CMRT questionnaire - Require suppliers to provide supplier maps and certificates of origin	Classify supplier risks into high, medium, and low categories based on supplier traceability investigations and risk assessments, requiring high- and medium-risk suppliers to implement corrective actions and increasing monitoring frequency	Regularly disclose traceability results and related information through public channels such as ESG reports and the official website	The Company has established a reporting email for conflict mineral issues: Aikoprocurement@aikosolar.com, to enable timely feedback from relevant stakeholders on the compliance status of mineral raw materials.

Supplier ESG Audits

The Company regularly conducts online ESG audits, focusing on conflict minerals and chemical substances.

Topic	Audit Format and Content	Scope	2025 Audit Results
Conflict Minerals	- Online - Certificate of origin, CMRT questionnaire, etc.	All suppliers of materials involving 3TG (tantalum, tin, tungsten, gold)	Audits were conducted for all 3TG suppliers; 100% of suppliers are not involved in conflict minerals
Chemical Substances	- Online - RoHS and REACH reports	All suppliers of materials involving hazardous substance control	A total of 116 RoHS reports have been collected from 68 suppliers; 100 REACH reports have been collected from 59 suppliers

Building a Resilient Supply Chain

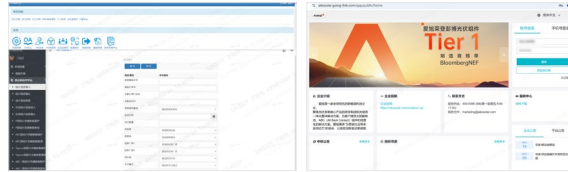
The Company is committed to building a resilient supply chain. Through measures such as localized procurement, green and low-carbon transition, and supplier diversification, the Company enhances the safety, stability and sustainability of the supply chain, providing support for business continuity and long-term development.

Key Initiatives for a Resilient Supply Chain

Key Initiatives	Main Content	2025 Progress
Integrity in the Supply Chain	- Require suppliers to sign the <i>Integrity Cooperation and Anti-Corruption Agreement</i> - Conduct integrity awareness campaigns for suppliers via our official WeChat account. - Email the <i>AIKO's Integrity Initiative Letter</i> to suppliers, inviting them to fill out the <i>Integrity Survey Questionnaire</i> and provide feedback on whether AIKO employees perform their duties with integrity.	All 398 major suppliers actively studied the <i>Integrity Initiative Letter</i> and completed the <i>Integrity Survey Questionnaire</i>. The questionnaire results indicated that AIKO employees perform their duties with integrity.
Localized Sourcing	The Company actively promotes a localization strategy for production material suppliers, prioritizing the development of cooperative suppliers within a 500-kilometer radius of its factories to reduce the impact of uncertainties such as long-distance transportation, cross-regional coordination and extreme weather on costs and delivery efficiency.	The local procurement ratio reached 51%.
Green Supply Chain	- To control the environmental and safety attributes of purchased materials at the source, the Company requires all suppliers involved in hazardous substance use to provide RoHS and REACH reports at least once a year to ensure product safety and environmental compliance. - Focusing on key material suppliers, the Company continuously promotes the green and low-carbon transition of the supply chain by guiding and supporting suppliers in implementing green energy-saving, water-saving and water recycling projects. - The Company actively practices a circular economy by implementing the recycling of raw materials and packaging materials.	- Supplier water conservation projects achieved a cumulative water savings of 25.37 million metric tonnes. - One of the Company's chemical suppliers achieved an industrial water reuse rate of 99.1%, significantly reducing freshwater consumption, and implemented green factory projects such as waste heat recovery, achieving annual energy savings of approximately 12,000 metric tonnes of standard coal. - One of the Company's gas suppliers optimized its electricity structure by switching part of its power supply to a nearby power plant, achieving annual electricity savings of approximately 7.89 million kWh. - The recycling rates of chemical IBC totes, glass-iron pallets and film packaging materials all reached 100%. - The Company cooperated with the world's top three glass manufacturers to develop lead-free photovoltaic glass, reducing the risk of heavy metal leaching.
Supplier Diversification	On the premise of ensuring basic conditions such as product quality, the Company prioritizes cooperation with SMEs and enterprises owned by women, ethnic minorities, veterans, persons with disabilities and other minority or disadvantaged groups.	Supplier diversification indicators have been integrated into the Company's supplier qualification process.

Digital Supply Chain Management

The Company actively promotes the development of a digital supply chain system and has launched multiple supply chain management platforms including SRM and Portal to IT-enable key processes. In 2025, digital bidding and pricing were implemented for all materials, laying a solid foundation for the Company to build a long-term, stable, compliant and transparent supply chain.



Supply Chain Empowerment

To strengthen supply chain ESG management capabilities, the Company conducts specialized training to continuously improve the understanding and practical ability of employees in supply chain-related departments such as the Procurement Department and suppliers on sustainable development concepts, and promotes the construction of a responsible, collaborative and sustainable supply chain system.



The Company Conducts SA8000 Labor and Human Rights Training for Procurement Employees and Suppliers

In July 2025, the Company organized specialized SA8000 labor and human rights training for employees from the Human Resources Department, Procurement Department and representatives of core suppliers. The training clarified key topics including “prohibition of forced labor”, “anti-workplace discrimination” and “guarantee of reasonable working hours and remuneration”. It conveyed AIKO’s responsible sourcing philosophy to suppliers and required them to establish sound employee file management and complaint feedback mechanisms in production and operations, promoting continuous improvement and standardization of human rights management in all links.



The Company Conducts ESG Training to Improve ESG Awareness of All Employees

In November 2025, the Company conducted ESG-themed training for all employees to further promote the implementation of sustainable development concepts within the Company. Through continuous relevant training, the Company continuously strengthens employees’ understanding of sustainable development, integrates ESG concepts into daily work practices, and supports the achievement of the Company’s sustainable development goals.

Indicators and Targets

Key Performance | In 2025

398

The Company had a total of major suppliers

65

The Company conducted onsite ESG reviews for a total of suppliers

18

including qualification audits for new suppliers

100 %

The percentage of suppliers that signed contracts including clauses on environmental, labor and human rights requirements was

0

The number of suppliers requiring rectification or termination due to poor ESG performance was

100 %

of production material suppliers participated in environmental risk assessments

100 %

of production material suppliers participated in social risk assessments

Customer Service Management

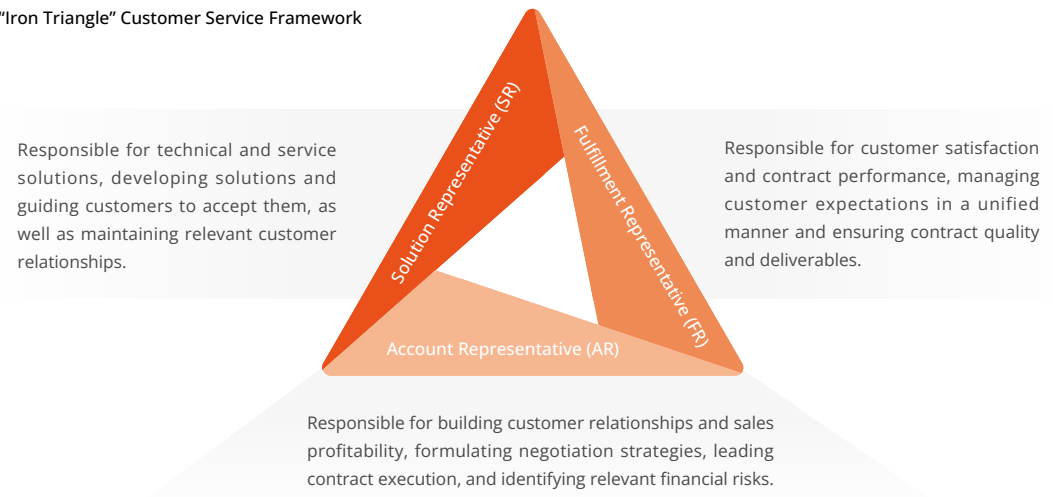
AIKO upholds a “customer-centric” cultural philosophy and adheres to the principle of “from the customer, to the customer,” sincerely listening to customer voices and deeply understanding their needs and expectations. The Company has established end-to-end management processes and is committed to providing customers with high-quality, personalized and differentiated service experiences, winning customer satisfaction and trust through attentive and professional services.

Governance

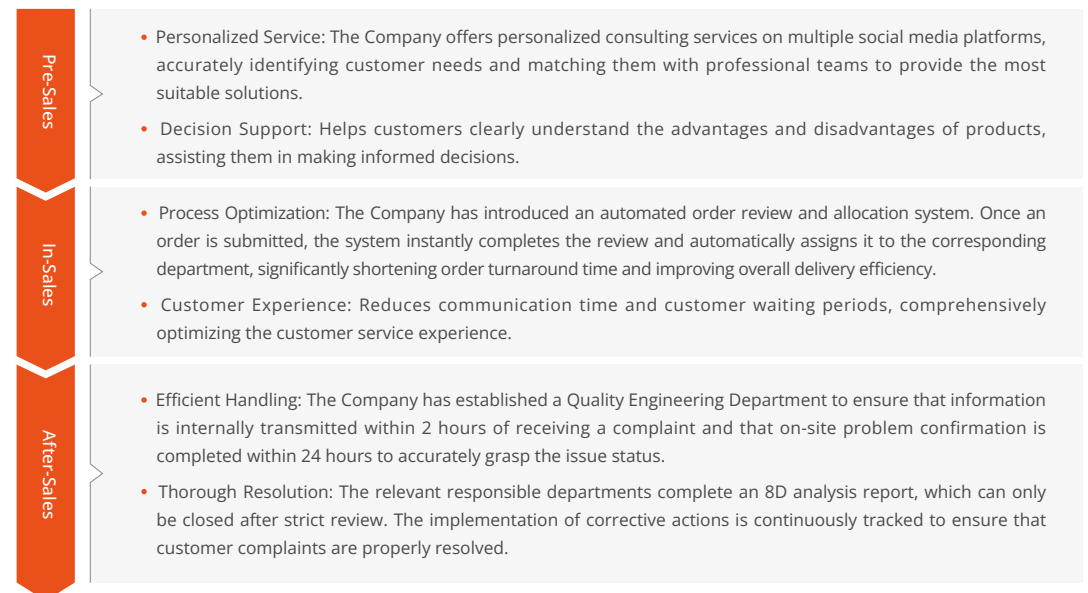
The Company has formulated standardized processes including the *Management Specification for Customer Needs Collection*, the *Customer Requirement Management Process*, the *Control Procedure for Cell Customer Satisfaction Survey*, the *Control Procedure for Module Customer Satisfaction*, the *Sales Process Management Regulation* and the *Product Packaging Requirement Management Process*, to ensure product development follows market-oriented and customer-centric principles. Meanwhile, the Company has comprehensively improved customer service capabilities by promoting the advanced CRM customer relationship management system.

The Company continuously improves its customer service system and establishes diversified communication channels to thoroughly understand and proactively respond to customer needs. It further enhances the “Iron Triangle” customer service structure, aiming to provide customers with safe, efficient, full lifecycle products and personalized solutions.

“Iron Triangle” Customer Service Framework



Customer Management Process



Management Initiatives

Customer Satisfaction

The Company has established a customer satisfaction evaluation system through on-site customer visits, telephone follow-ups, a 24-hour service hotline, and satisfaction surveys for module and cell customers. This system systematically collects customer feedback, resolves complaints and opinions in a timely manner, and provides professional service support. To further improve customer service and satisfaction, the Company launched the “Liguang Program” training initiative to enhance capabilities including marketing tool application and business communication, with the goal of optimizing the customer service experience.



The Company Conducts a Partner Capability Development Program

Customer Health and Safety

The Company attaches great importance to customer health and safety, and is committed to creating maximum value for customers with high-quality products to achieve win-win development. In strict accordance with management system standards such as ISO 9001, ISO 14001 and ISO 45001, the Company has established a full-chain service quality management system covering customer demand management, product design and R&D, procurement, manufacturing and after-sales service, defining standardized customer service management workflows from group functional departments to each production base.

Full-Chain Service Management System

Product Design and R&D Stage

- Systematically assess product design, material selection and production process reliability to ensure product quality and safety meet the highest standards.
- Identify key safety and health risks such as electric shock, fire and mechanical safety in accordance with PV module safety and hazardous substance control standards including IEC 61215, IEC 61730 and RoHS, to identify and continuously improve potential product hazards.

Raw Material Selection

- Implement strict audits and evaluations on suppliers and their supplied raw materials.
- Prioritize materials that meet environmental and safety standards and avoid using substances harmful to human health.

Production and Manufacturing Stage

- Introduce automatic inspection equipment (EL crack detectors, IV testers) on production lines for 100% inspection to ensure non-conforming products do not leave the factory.

Post-Sales Stage

- Provide customers with necessary environmental, health and safety information and conduct corresponding usage training.
- Regularly collect customer feedback on product usage and actively respond to customer demands regarding product performance, delivery cycle, price level, customer service, health and safety.
- The Company has established a complete traceability system, through which the full production information of each module can be traced via the module serial number, enabling timely traceability and analysis if quality or safety issues occur.

In terms of product safety assurance, the Company has formulated product testing standards and conducts reliability and safety tests on products and raw materials. Meanwhile, it proactively provides customers with product safety usage information during sales and has published the *AIKO PV Module Installation Manual* on its official website for customers to download and review at any time. In addition to basic guidance on installation and usage, the manual systematically lists precautions for general safety, electrical safety, operation safety and fire safety to ensure customers fully grasp key points of product installation and operation as well as health and safety-related information.

Furthermore, in response to fire risks in PV systems (e.g., modules ignited by high-temperature hot plates or external heat sources), the Company independently developed ABC module products with fire-resistant properties. Under actual operating conditions, ABC modules feature lower operating temperatures and stronger flame retardancy, effectively improving module safety and reliability. Meanwhile, the Company focuses on potential light pollution caused by PV products during usage, striving to balance environmental friendliness while improving power generation efficiency.

To address the pain point that glare disturbs residents' lives, leading to complaints and affecting the normal operation of power stations and community relations, the Company has developed a series of anti-glare module products through technological innovations such as glass material upgrading and front-side busbar-free design, including 72 Comet single-glass, 72 Stellar double-glass and 66 Stellar double-glass modules, providing customers with safer and greener PV application solutions.

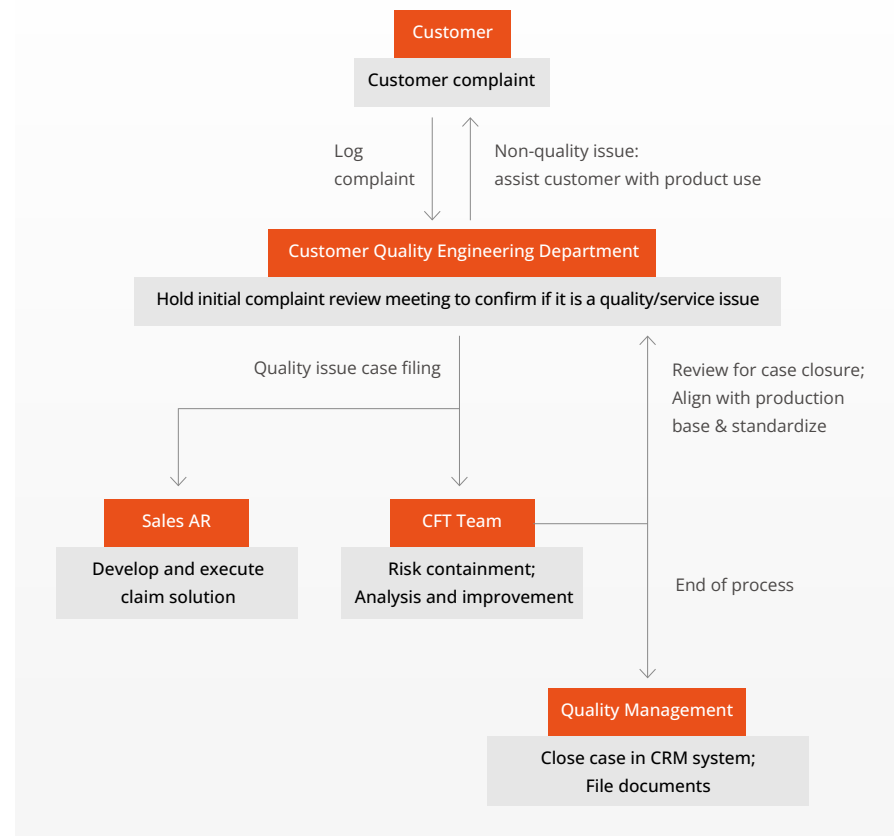
Introduction to Fire-Resistant and Anti-Glare Products

Scenario/Module Product Category	Features
Fire Prevention	- Compared with TOPCon modules, this product features a bypass diode-like function, resulting in lower hot-spot temperatures. - The adoption of copper grid lines combined with copper ribbon technology effectively enhances micro-crack resistance and further reduces the risk of hot-spots. - This fire-resistant module has obtained “Module-Level Fire Risk Resistance” certification from TÜV Rheinland and a Class A fire rating certification.
Anti-Glare	- The anti-glare module series has a reflectance more than 34% lower than that of conventional modules. - It has passed the anti-glare test conducted by the National Center of Supervision and Inspection on Solar Photovoltaic Products Quality (CPVT). At incident angles of 0–68°, its average reflectance in the 380 nm–1100 nm band is only 5.21%, far lower than that of conventional modules.

Customer Complaint and Communication Mechanism

The Company highly values customer feedback and has established a systematic customer complaint and communication management mechanism. It strictly implements the *Customer Complaint Handling Control Procedure*, ensuring that every customer request receives a timely, fair and efficient response and resolution through standardized and hierarchical processes.

Customer Complaint Handling Process



Indicators and Targets

Customer Service and Satisfaction Targets	Target	Progress In 2025	
First-Pass Rate for Customer Audits	Ensure a 100% first-pass rate for customer audits through process development and a management accountability system.	100%	✓
On-Time Closure Rate for Customer Requirements	Establish a customer request management process to ensure seamless transmission of requests, achieving a 100% on-time closure rate for customer requirements.	100%	✓
Timely Response Rate for Customer Requirements	Establish and monitor customer service baselines to ensure a 100% timely response rate for customer requests.	100%	✓

Key Performance | In 2025

94.4¹⁰

The Company achieved an annual customer satisfaction score of

100%

The Company achieved a customer complaint resolution rate

¹⁰ The Company's customer satisfaction surveys are conducted semi-annually for module and cell customers, respectively. The value disclosed in this report is the average of the survey results from the second half of 2025.

Empowering Industry Development

While continuously developing its core technologies, AIKO actively strengthens collaboration with industry partners to promote the integration of industrial resources and form synergistic innovation forces. This initiative aims to help the entire industry overcome common technical challenges and jointly promote the sustainable and healthy development of the photovoltaic industry.

Industry-Academia-Research Cooperation

In 2025, during the SNEC PV Power Expo in Shanghai, AIKO entered into a strategic cooperation with the Optoelectronics Laboratory of the University of Science and Technology of China and Jinan Shengquan Group to jointly conduct research on the application of AIKO's ABC technology in the agricultural and construction sectors. The Company collaborated with university research teams to explore optical homogenizing and diffusing material solutions for crop lighting issues in agrivoltaic systems, aiming to improve land use efficiency and crop yields. In the building-integrated photovoltaic sector, AIKO joined hands with Shengquan Group to advance material innovation, integrating bio-based resins with AIKO's ABC technology to jointly develop new photovoltaic building materials such as PV curtain walls and PV roof tiles, promoting the transformation of buildings from energy consumers to energy producers.



AIKO Signing a Strategic Cooperation Agreement with the University of Science and Technology of China

Industry Cooperation

AIKO actively builds industry exchange platforms to promote the coordinated development of the entire BC technology industrial chain. In November 2025, the Company participated in the Global BC Technology Innovation Summit held in Yiwu, Zhejiang, which gathered more than 600 expert representatives from universities, testing institutions and industrial chain enterprises. The summit held systematic discussions on BC technology manufacturing processes, application scenarios and reliability, facilitating the commercialization of technological achievements and industrial collaboration. In the same period, TÜV Rheinland awarded AIKO the Module-Level Fire Resistance certification, verifying the excellent safety performance of the Company's BC modules under high-temperature and shaded conditions. In terms of industrial layout, the Company's holding subsidiary Zhejiang AIKO has cooperated with local governments and Skyworth PV to build the Southwest ABC Cell Base, and provides full-process technical services to the joint venture project, extending its core technologies from independent R&D to empowering the industrial chain and accelerating the development of the BC ecosystem.



Global BC Technology Innovation Summit

International Cooperation

AIKO continuously advances its international development strategy and actively builds a multi-level cooperation network covering Europe, Australia and regions along the Belt and Road Initiative. In the European market, the Company has established the European Zero-Carbon Research Institute based on its German research institute and put it into independent operation, enabling it to independently undertake EU zero-carbon projects and apply for research subsidies, providing an important platform for the localized implementation of the Company's technologies and solutions in Europe. Meanwhile, through Sino-French economic and trade exchange channels, the Company has established cooperative relations with projects such as the "Zero-Carbon Town" in Perpignan, France and the "Zero-Carbon Island" in French overseas territories, laying a sound foundation for high-end market expansion. In Australia, the Company actively promotes the establishment of a joint innovation center with the University of Melbourne, carrying out joint R&D in zero-carbon agriculture, zero-carbon water services and other fields through the asset-light model of "Technology Export + Scientific Research Cooperation", and exploring an international innovation path supported by research funding. Furthermore, the Company participates in Belt and Road-related international R&D programs such as the carbon neutrality project in Burgenland, Austria, strengthening collaborative innovation with overseas research institutions and industrial partners. By continuously deepening global cooperation, the Company continuously enhances its international influence in the fields of zero-carbon technologies, digital energy and integrated solutions, laying a solid foundation for achieving technology going global and global business development.

Supporting Community Development

While expanding its business, AIKO actively fulfills its social responsibilities and supports community development and public welfare causes through diverse forms. The Company actively participates in the “One-Day Charity Donation” campaign, donates to the Yiwu Charity Federation every year, and donates a batch of emergency defense supplies to public welfare social organizations to support the development of local charity causes. Meanwhile, the Company organizes a variety of cultural and sports activities to build positive interaction between the enterprise and the community. In the environmental sector, the Company has established a green service volunteer team, which jointly launches themed activities with communities such as “Low-Carbon Living, Protect the Earth” and “Environmental Public Welfare Tour” to promote the implementation of green concepts. In addition, the Company supports summer employment practice programs for universities, assisting the growth of young talents.



The Yiwu Base Donating Emergency Supplies



The Company Donates Modules to Integrate Renewable Energy Innovation with Wildlife Conservation

Leveraging its technological advantages in clean energy, AIKO extends its sustainable development practices to the fields of ecological protection and community support. The Company provided a high-efficiency photovoltaic system to the Tasmanian Raptor Refuge in Australia, offering stable, low-carbon off-grid energy support for wildlife rescue and rehabilitation facilities. This has enhanced the energy accessibility and operational reliability of the public welfare organization in remote areas. By empowering ecological conservation projects with renewable energy, AIKO not only promotes the application of green energy but also helps enhance local community public service capabilities and protect biodiversity, achieving synergy between corporate technological value and social value.



The Company Donating PV Modules to an Australian Animal Rescue Center



Key Performance | In 2025

Since 2022, AIKO has participated in the “One-Day Charity Donation” event for four consecutive years, donating RMB 200,000 annually to the Yiwu Charity Federation to support local charitable causes.

ESG Indicator Performance

Governance Indicators		Unit	2025	2024	2023
Governance Performance					
Number of Members of the Board of Directors		Persons	7	7	6
Number of Independent Directors		Persons	3	3	3
Integrity Training Coverage Rate for New Employees		%	100	100	100
Total Number of Employees Trained on Anti-Commercial Bribery and Anti-Corruption		Persons	6,535	7,566	14,240
Coverage Rate of Employees Trained in Anti-Commercial Bribery and Anti-Corruption		%	100	100	100
Number of Reported Business Ethics Violations via Internal or External Whistleblowing Channels		Cases	14	43	/
Number of Legal Cases Filed for Business Ethics Violations		Cases	0	0	0
Social Indicators		Unit	2025	2024	2023
R&D and Innovation					
R&D Expenditure		RMB 100 million	3.52	6.94	12.24
Proportion of R&D Investment in Operating Revenue		%	2.25	6.22	4.50
Intellectual Property Patents	Number of Patents Granted Annually	Cases	36	199	260
	Cumulative Number of Patent Applications	Cases	3,788	2,649	1,970
	Cumulative Number of Patents Granted	Cases	1,346	1,310	1,111
Information Security					
Coverage Rate of Employees Trained on Data Security and Privacy Protection		%	100	100	100

Social Indicators		Unit	2025	2024	2023
Number of Incidents Related to Information Security, Data Security, Customer Privacy or Data Leakage		Cases	0	0	0
Supplier Management					
Percentage of Suppliers That Have Signed the <i>Supplier Code of Conduct</i>		%	100	100	100
Number of Supplier Defaults		Times	0	0	0
Supplier Communication Meetings		Times	650	600	260
Supplier Training	Total Sessions	Times	650	120	104
	Total Duration	Hours	650	240	208
	Total Participants	Persons	800	2,300	2,100
Circular Economy ¹¹					
Packaging Materials	Total Packaging Consumables Used	Tonnes	27,467.89	/	/
	Packaging Consumables Used: Wood	Tonnes	20,753.45	/	/
	Packaging Consumables Used: Plastic	Tonnes	1,453.96	/	/
	Packaging Consumables Used: Paper	Tonnes	5,260.47	/	/
	Percentage of Recyclable Packaging Consumables	%	94.71	/	/
Recyclable Raw Materials	Percentage of Glass Used	%	78.30	70	/
	Percentage of Aluminum Used	%	9.28	18	/
	Percentage of Silicon Materials Used	%	2.82	3.5	/
	Percentage of Non-Ferrous Metal Copper Used	%	0.90	1.5	/
	Percentage of Rare Metals Used	%	0.47	1	/
	Percentage of Recyclable Raw Materials Used	%	91.76	/	/

¹¹ Data for packaging consumables and recyclable raw materials is only collected for the Yiwu, Zhuhai, and Jinan bases.

Social Indicators		Unit	2025	2024	2023
Employment					
Total Number of Employees	Total Number of Full-Time Employees	Persons	6,535	7,566	14,240
Number of Employees by Gender	Total Number of Male Employees	Persons	5,013	5,828	10,976
	Total Number of Female Employees	Persons	1,522	1,738	2,868
Number of Employees by Age	Total Number of Employees Aged 29 and Below	Persons	2,618	3,424	7,731
	Total Number of Employees Aged 30–49	Persons	3,878	4,105	6,067
	Total Number of Employees Aged 50 and Above	Persons	39	37	46
Number of Employees by Region	Total Number of Employees in Chinese Mainland	Persons	6,404	7,435	13,761
	Total Number of Employees in Hong Kong, Macao and Taiwan	Persons	2	10	8
	Total Number of Employees in Other Regions	Persons	129	121	75
Number of Employees by Ethnicity	Total Number of Ethnic Minority Employees	Persons	587	659	1,553
	Total Number of Non-Minority Employees	Persons	5,948	6,907	12,291
Total Number of New Hires		Persons	1,352	1,645	4,702
Labor Contract Signing Rate		%	100	100	100
Social Security Coverage Rate		%	100	100	100
Health and Safety ¹²					
Coverage Rate of Employee Physical Examinations and Health Records		%	100	100	100
Number of Environmental and Safety Training Sessions		Times	467	930	1,158
Number of Participants in Environmental and Safety Training		Person-times	62,542	51,978	44,047

¹² During the reporting period, the Chuzhou Base was undergoing upgrades and renovations; therefore, occupational health and safety-related data from this site was not included in the statistical scope for this period.

Social Indicators	Unit	2025	2024	2023
Number of Safety Emergency Drills	Times	261	542	307
Number of Participants in Safety Emergency Drills	Person-times	14,526	21,763	23,738
Development and Training				
Total Training Hours	Hours	100,955.22	128,790.46	620,254
Average Training Hours Per Employee	Hours	15.45	17.02	39.33
Average Training Hours for Management Leadership	Hours	35	56	41.15
Employee Training Coverage Rate	%	100	100	100
Total Training Participants	Person-times	42,308	10,606	15,769
Employee Benefits and Care				
Number of Employee Clubs	Number	20	19	29
Total Members in Employee Clubs	Members	1,190	1,220	1,267
Total Number of Employee Activities	Events	516	516	386
Organizational Atmosphere Satisfaction Score	Points	92	91	90
Customer Service				
Customer Complaint Resolution Rate	%	100	100	100
Customer Satisfaction ¹³	Points	94.40	94.8	91
Social Welfare				
Total Charitable Donations	RMB 10,000	220	525	570

¹³ The Company's customer satisfaction surveys are conducted semi-annually for module and cell customers, respectively. The value disclosed in this report is the average of the survey results from the second half of 2025.

Environmental Indicators ¹⁴		Unit	2025	2024	2023
Greenhouse Gas Emissions ¹⁵					
Total Greenhouse Gas Emissions		Tonnes carbon dioxide equivalent	1,021,954.89	1,073,142.01	1,050,161.35
Greenhouse Gas Emissions Intensity		Tonnes carbon dioxide equivalent/MW	21.77	32.63	26.20
Scope 1 Greenhouse Gas Emissions		Tonnes carbon dioxide equivalent	16,148.69	1,807.42	5,521.33
Scope 2 Greenhouse Gas Emissions		Tonnes carbon dioxide equivalent	1,005,806.20	1,071,334.59	1,044,640.02
Energy Consumption					
Direct Energy Consumption	Gasoline	Kg	23,046.27	121,839.16	4,486.30
	Diesel	Kg	11,912.03	61,138.01	15,195.33
	Natural Gas	Cubic meters	63,596.17	575,543	2,525,168
	Total Direct Energy Consumption	10,000 tonnes of standard coal	0.01	0.1	0.31
Indirect Energy Consumption	Purchased Steam	Tonnes	20,578.56	4,891.69	/
	Purchased Electricity	MWh	1,871,572.51	1,996,313.47	1,831,737.71
	Total Indirect Energy Consumption	10,000 tonnes of standard coal	23.20	24.7	22.51
Comprehensive Energy Consumption		10,000 tonnes of standard coal	23.21	24.79	22.82
Comprehensive Energy Consumption Intensity		Tonnes of standard coal / MW	4.94	7.54	5.69

¹⁴ During the reporting period, the Chuzhou Base was undergoing upgrades and renovations; therefore, environment-related data from this site was not included in the statistical scope for this period.

¹⁵ The calculation of Scope 1 Greenhouse gas emissions follows the coefficients specified in China's *Guidelines for Accounting and Reporting of Greenhouse Gas Emissions for 24 Industries*; the main source of Scope 2 emissions is purchased electricity, calculated using the 2023 national average CO₂ emission factor for electricity of 0.5306 tCO₂/MWh.

Environmental Indicators		Unit	2025	2024	2023
Renewable Energy	Purchased Green Electricity	MWh	462,666.43	37,190	16,880
	Photovoltaic Power Generation (Self-Generated and Self-Consumed)	MWh	50,031.51	13,030.18	5,581.30
	Renewable Energy Consumption ¹⁶	MWh	512,697.94	50,220.18	22,461.3
	Percentage of Renewable Energy Consumption	%	27.15	2.49	1.21
Pollutant and Waste Emissions					
Wastewater Discharge	Total Wastewater Discharge	10,000 tonnes	1,034.40	1,047.70	1,110.52
	Wastewater Discharge Intensity	Tonnes / MW	220.33	318.55	277.02
	COD Emissions	Tonnes	258.38	462.87	456.19
	Ammonia Nitrogen Emissions	Tonnes	8.73	20.56	21.53
Exhaust Gas Emissions	Total Exhaust Gas Emissions	Million cubic meters	34,310.30	27,652.09	23,373.15
	Exhaust Gas Emission Intensity	Million cubic meters / MW	0.73	0.84	0.58
	Nitrogen Oxides (NO _x) Emissions	Tonnes	12.74	19.46	5.62
	Sulfur Oxides (SO _x) Emissions	Tonnes	0.0017	0.59	0.046
	Particulate Matter (PM) Emissions	Tonnes	8.58	5.41	4.60
	Fluoride Emissions	Tonnes	3.43	15.63	3.07
	Chlorine Gas Emissions	Tonnes	1.77	2.68	3.63
	Ammonia Gas Emissions	Tonnes	126.18	76.82	5.73
	Other Exhaust Gas Emissions (Hydrogen Chloride, Sulfuric Acid Mist, Non-Methane Total Hydrocarbons)	Tonnes	72.95	68.52	18.65

¹⁶ Renewable energy consumption includes purchased green electricity and newly added self-generated, self-consumed rooftop photovoltaic power during the reporting period.

Environmental Indicators		Unit	2025	2024	2023
Solid Waste Discharge	Total Waste Generated	Tonnes	43,932.27	69,885.74	84,645.49
	Waste Generation Intensity	Tonnes / MW	0.94	2.12	2.11
	Total Non-Hazardous Waste Generated	Tonnes	38,419.65	66,118.23	75,954.78
	Non-Hazardous Waste Generation Intensity	Tonnes / MW	0.82	2.01	1.89
	Total Non-Hazardous Wastes Disposed	Tonnes	38,419.65	66,118.23	60,945.58
	Total Hazardous Wastes Generated	Tonnes	5,530.62	3,767.51	8,690.71
	Hazardous Wastes Generation Intensity	Tonnes / MW	0.12	0.11	0.22
	Total Hazardous Wastes Disposed	Tonnes	5,532.32	3,767.96	8,690.71
Water Consumption					
Total Water Withdrawal		10,000 tonnes	1,242.11	1,341.47	1,354.80
Total Water Use Intensity		Tonnes / MW	264.57	407.87	337.96
Total Water Consumption		10,000 tonnes	207.71	/	/
Water Consumption Intensity		Tonnes / MW	44.24	/	/
Total Freshwater Use		10,000 tonnes	777.48	755.86	957.20
Freshwater Use Intensity		Tonnes / MW	165.61	229.82	238.77
Total Alternative Water Source Use		10,000 tonnes	464.63	585.61	397.60
Percentage of Alternative Water Sources in Total Water Use		%	37.41	43.65	29.35
Water Savings		10,000 tonnes	186.58	195.22	47.00

Yiwu Base ESG Indicator Performance

Business ethics

Indicator	Unit	2025
Business Ethics		
New Employee Integrity Training Coverage Rate	%	100
Anti-Corruption Training Coverage Rate for Employees	%	100
Number of Concluded Legal Cases for Corruption or Violations of Business Ethics Principles	Cases	0
Number of Reported Business Ethics Violations via the Company's Internal or External Whistleblowing Channels	Cases	6

Information security and privacy protection

Indicator	Unit	2025
Information Security and Privacy Protection		
Number of Information Security Audits (or Information Security Risk Assessments)	Number	1
Percentage of Operating Sites Certified to ISO 27001 Information Security Management System	%	100
Number of New Employees Covered by Information Security Onboarding Training	Persons	2,816
Number of Data Security and Privacy Protection Training Sessions Conducted	Number	1
Number of Reported Information Security Incidents via the Company's Whistleblowing Channels	Cases	0
Number of Confirmed Information Security Incidents	Cases	0

Product and customer service

Indicator	Unit	2025
Product Quality and Service		
Number of Product Recalls Due to Quality, Safety and Health Issues	Number	0
Product Recall Rate Due to Quality, Safety and Health Issues	%	0
Value of Damages Arising from Major Liability Incidents Related to Product and Service Safety and Quality in the Reporting Period	RMB 10,000	0

Sustainable supply chain

Indicator	Unit	2025
Supplier Management		
On-Site ESG Review Coverage Rate for Core Suppliers at the Admission Stage	%	34
Number of Supplier Defaults	Number	0
Percentage of Suppliers with Contracts Including Environmental, Labor and Human Rights Clauses	%	100
Percentage of Suppliers That Have Signed Non-Disclosure Agreements and Integrity Agreements	%	100
Percentage of Target Suppliers Who Have Signed the <i>Supplier Code of Conduct</i>	%	100
Percentage of Target Suppliers That Have Undergone Corporate Social Responsibility (CSR) Assessments	%	100
Number of Production Material Suppliers That Underwent Environmental Risk Assessments	Number	202
Percentage of Production Material Suppliers That Underwent Environmental Risk Assessments	%	100
Number of Production Material Suppliers That Underwent Social Risk Assessments	Number	202
Percentage of Production Material Suppliers That Underwent Social Risk Assessments	%	100
Number of Suppliers Identified as Having Actual and Potential Significant Negative ESG Impacts	Number	0
Number of Suppliers with Negative ESG Impacts That Completed Corrective Actions	Number	0

Indicator		Unit	2025
Number of Suppliers Terminated Due to Significant ESG Incidents		Number	0
Participation Rate of Procurement Personnel in Sustainable Procurement Training		%	100
Supplier Communication Meetings		Number	19
Supplier Sustainable Supply Chain Training	Total Number of Sessions	Sessions	19
	Of Which: Anti-Corruption Training	Sessions	2
	Total Duration	Hours	19
	Training Participation Rate	%	100

Labor rights

Indicator		Unit	2025
Employment			
By Job Level	Number of Senior Managers	Persons	8
	Number of Middle Managers	Persons	70
	Number of Female Managers	Persons	6
Labor Contract Signing Rate		%	100
Social Insurance Coverage Rate		%	100
Number of Employee Representatives		Persons	150
Percentage of Employee Representatives		%	5

Indicator	Unit	2025
Human Rights		
Collective Agreement Signing Coverage Rate	%	100
Number of Identified Discrimination or Harassment Incidents or Corrective Actions Taken	Instances	0
Percentage of Operational Sites That Have Undergone Human Rights Impact or Risk Assessments	%	100
Percentage of Employees Trained on Anti-Discrimination and Anti-Harassment	%	100
Health and Safety		
Percentage of Operational Sites with Employee Health and Safety Risk Assessments	%	100
Percentage of Employees Covered by Health and Safety Risk Assessments	%	100
Employee Physical Examination and Health Record Coverage Rate	%	100
Number of Environmental and Safety Training Sessions	Sessions	364
Number of Participants in Environmental and Safety Training	Person-times	27,173
Number of Safety Emergency Drills	Times	187
Number of Participants in Safety Emergency Drills	Person-times	9,807
Percentage of Operating Sites Certified to ISO 45001 Occupational Health and Safety Management System	%	100
Number of Work-Related Injuries	Persons	0
Number of Work-Related Injury Accidents	Instances	0
Injury Rate per Million Working Hours	%	0
Number of Work-Related Fatalities	Persons	0
Number of Working Days Lost Due to Work-Related Injuries (Note: Absence days due to work-related injuries)	Days	0
Work-Related Fatality Rate	%	0
Investment in Employee Occupational Health and Safety (Including Work Safety)	RMB 10,000	1,100

Indicator	Unit	2025
Development and Training		
Total Training Hours	Hours	61,167
Average Training Hours per Employee	Hours	23.8
Average Leadership Training Hours for Management	Hours	35
Employee Training Coverage Rate	%	100
Total Training Participant-Times	Person-times	26,894
Percentage of Employees That Received Skills-Related Training	%	100
Compensation		
Overall Gender Pay Gap of the Company's Employees	%	27.16
Gender Pay Ratio for Middle Management	/	1.05:1
Gender Pay Ratio for General Staff	/	1.28:1
Percentage of Employees Undergoing Performance Appraisals	%	100
Percentage of Direct Employees Covered by Living Wage Benchmark Analysis	%	100
Percentage of Direct Employees Earning Below the Living Wage	%	0
Percentage of All Employees Earning Below the Living Wage (Including Direct and Informal Employees)	%	0
Percentage Difference Between the Average Wage of Direct Employees Earning Below the Living Wage and the Living Wage Benchmark	%	0
Employee Benefits and Care		
Employee Engagement Score	Points	92
Social Welfare		
Total Charitable Donations	RMB 10,000	220

Environment

Indicator	Unit	2025
Greenhouse Gas Emissions ¹⁷		
Total Greenhouse Gas Emissions	Tonnes of carbon dioxide equivalent	3,612,007.85
Scope 1 GHG Emissions	Tonnes of carbon dioxide equivalent	14,196
Scope 2 GHG Emissions	Tonnes of carbon dioxide equivalent	464,375.56
Scope 3 GHG Emissions	Tonnes of carbon dioxide equivalent	3,133,436.29
Energy Consumption		
Renewable Energy Consumption ¹⁸	MWh	230,511.86
Gasoline	Kg	9,405.48
Diesel	Kg	10,329.86
Natural Gas	Cubic meters	0
Purchased Electricity Consumption	MWh	872,630.56
Of which: Purchased Green Electricity	MWh	208,676
Photovoltaic Power Generation	MWh	21,835.86
Comprehensive Energy Consumption	10,000 tonnes of standard coal	10.77
Pollutant and Waste Emissions		
Wastewater Discharge	Total Wastewater Discharge	10,000 tonnes
	Chemical Oxygen Demand (COD) Emissions	Tonnes
	Ammonia Nitrogen Emissions	Tonnes
	Total Nitrogen (TN)	Tonnes
	Total Phosphorus (TP)	Tonnes

¹⁷ The calculation of Scope 1 Greenhouse gas emissions follows the coefficients specified in China's *Guidelines for Accounting and Reporting of Greenhouse Gas Emissions for 24 Industries*; the main source of Scope 2 emissions is purchased electricity, calculated using the 2023 national average CO₂ emission factor for electricity of 0.5306 tCO₂/MWh.

¹⁸ Renewable energy consumption includes purchased green electricity and self-generated, self-consumed rooftop photovoltaic power.

Indicator		Unit	2025
Exhaust Gas Emissions	Total Exhaust Gas Emissions	Million cubic meters	29,887.41
	Particulate Matter (PM) Emissions	Tonnes	7.28
	Fluoride Emissions	Tonnes	0.88
	Chlorine Gas Emissions	Tonnes	0.40
	Ammonia Gas Emissions	Tonnes	4.29
	Nitrogen Oxides (NO _x) Emissions	Tonnes	2.92
	Other Exhaust Gas Emissions (Hydrogen Chloride, Sulfuric Acid Mist, Non-Methane Total Hydrocarbons)	Tonnes	49.91
Solid Waste Discharge	Total Waste Generated	Tonnes	12,664.43
	Total General Waste Generated	Tonnes	12,261.13
	Total General Waste Discharged	Tonnes	12,261.13
	Total Hazardous Waste Generated	Tonnes	403.30
	Total Hazardous Waste Discharged	Tonnes	403.30
	Percentage of Collected Waste Electrical and Electronic Equipment (WEEE) in Total Electrical and Electronic Equipment (EEE) Placed on the Market	%	12
	Percentage of the Company's Operational Waste Diverted from Landfills	%	38
Water Resource Consumption			
Total Water Consumption		10,000 tonnes	86.14
Freshwater		10,000 tonnes	27.45
Total Use of Alternative Water Sources		10,000 tonnes	464.63
Percentage of Alternative Water Sources		%	94.42
Water Savings		10,000 tonnes	97.78

Standard Index

GRI Content Index

Statement of Use	AIKO has reported the information cited in this GRI content index for the period from 1 January 2025 to 31 December 2025 with reference to the GRI Standards.
GRI 1 Used	GRI 1: Foundation 2021

GRI Standard	Disclosure Item	AIKO Response in this Report
GRI 2: General Disclosures 2021	2-1 Organizational Detail	About this Report, About AIKO
	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	Not Applicable
	2-5 External Assurance	Third-Party Assurance Report
	2-6 Activities, Value Chain and Other Business Relationships	About this Report, About AIKO
	2-7 Employees	Protecting Employee Rights and Interests
	2-8 Workers Who Are Not Employees	Responsible Procurement Management
	2-9 Governance Structure and Composition	ESG Governance, Enhancing Corporate Governance
	2-10 Nomination and Selection of the Highest Governance Body	Enhancing Corporate Governance
	2-11 Chair of the Highest Governance Body	Enhancing Corporate Governance
	2-12 Supervisory Role of the Highest Governance Body in Overseeing the Management of Impacts	ESG Governance, Enhancing Corporate Governance
	2-13 Delegation of Responsibility for Managing Impacts	ESG Governance, Enhancing Corporate Governance

GRI Standard	Disclosure Item	AIKO Response in this Report
	2-14 Role of the Highest Governance Body in Sustainability Reporting	ESG Management
	2-15 Conflicts of Interest	Enhancing Corporate Governance
	2-16 Communication of Critical Concerns	Stakeholder Communication, Enhancing Corporate Governance
	2-17 Collective Knowledge of the Highest Governance Body	Enhancing Corporate Governance
	2-18 Performance Evaluation of the Highest Governance Body	ESG Governance, Enhancing Corporate Governance
	2-19 Remuneration Policies	Enhancing Corporate Governance
	2-20 Process for Determining Remuneration	Enhancing Corporate Governance
	2-21 Annual Total Compensation Ratio	Talent Attraction and Retention
	2-22 Statement on Sustainable Development Strategy	Message from the Chairman, ESG Strategic Goals
	2-23 Policy Commitments	ESG Management, Risk and Compliance Management, Protecting Employee Rights and Interests, Responsible Procurement Management
	2-24 Embedding Policy Commitments	ESG Management
	2-25 Processes to Remediate Negative Impacts	Upholding Business Ethics, Information Security Management, Environmental Compliance Management, Protecting Employee Rights and Interests, Talent Attraction and Retention, Customer Service Management
	2-26 Mechanisms for Seeking Advice and Raising Concerns	Stakeholder Communication
	2-27 Compliance with Laws and Regulations	No Major Non-Compliance Incidents Occurred During the Reporting Period
	2-28 Membership of Associations	ESG Action Progress, Environmental Compliance Management
	2-29 Approach to Stakeholder Engagement	Stakeholder Communication
	2-30 Collective Bargaining Agreements	Talent Attraction and Retention
GRI 3: Material Topics 2021	3-1 Process to Determine Material Topics	Materiality Assessment
	3-2 List of Material Topics	Materiality Assessment
	3-3 Management of Material Topics	Materiality Assessment, Risk and Compliance Management, Lean Quality Management, R&D and Innovation Management, Talent Attraction and Retention, Responsible Procurement Management

GRI Standard	Disclosure Item	AIKO Response in this Report
GRI 101: Biodiversity 2024	3-3 Management of Material Topics	Materiality Assessment, Environmental Compliance Management
	101-1 Policy to Halt and Reverse Biodiversity Loss	Environmental Compliance Management
	101-2 Management of Biodiversity Impacts	Environmental Compliance Management
	101-3 Access and Benefit-Sharing	Not Applicable
	101-4 Identifying Biodiversity Impacts	Not Applicable
	101-5 Locations with Biodiversity Impacts	Not Applicable
	101-6 Direct Drivers of Biodiversity Loss	Not Applicable
	101-7 Changes in the State of Biodiversity	Not Applicable
	101-8 Ecosystem Services	Not Applicable
GRI 201: Economic Performance 2016	3-3 Management of Material Topics	Materiality Assessment
	201-1 Economic Value Generated and Distributed	ESG Action Progress
	201-2 Financial Implications and Other Risks and Opportunities Due to Climate Change	Response to Climate Change
	201-3 Defined Benefit Plan Obligations and Other Retirement Plans	Talent Attraction and Retention
	201-4 Financial Assistance Received from Government	Not Applicable
GRI 202: Market Presence 2016	3-3 Management of Material Topics	Materiality Assessment
	202-1 Ratios of Standard Entry Level Wage by Gender Compared to Local Minimum Wage	Talent Attraction and Retention
	202-2 Proportion of Senior Management Hired from the Local Community	Not Applicable
GRI 203: Indirect Economic Impacts 2016	3-3 Management of Material Topics	Materiality Assessment
	203-1 Infrastructure Investments and Services Supported	Feature: Leading Human Society into the Zero-Carbon Era
	203-2 Significant Indirect Economic Impacts	Feature: Leading Human Society into the Zero-Carbon Era
GRI 204: Procurement Practices 2016	3-3 Management of Material Topics	Responsible Procurement Management
	204-1 Proportion of Spending on Local Suppliers	Responsible Procurement Management

GRI Standard	Disclosure Item	AIKO Response in this Report
GRI 205: Anti-Corruption 2016	3-3 Management of Material Topics	Materiality Assessment, Upholding Business Ethics
	205-1 Operations Assessed for Risks Related to Corruption	Upholding Business Ethics
	205-2 Communication and Training About Anti-Corruption Policies and Procedures	Upholding Business Ethics
	205-3 Confirmed Incidents of Corruption and Actions Taken	Upholding Business Ethics
GRI 206: Anti-Competitive Behavior 2016	3-3 Management of Material Topics	Materiality Assessment
	206-1 Legal Actions for Anti-Competitive Behavior, Anti-Trust, and Monopoly Practices	Upholding Business Ethics
GRI 207: Tax 2019	3-3 Management of Material Topics	Materiality Assessment
	207-1 Approach to Tax	Stakeholder Communication
	207-2 Tax Governance, Control, and Risk Management	Stakeholder Communication
	207-3 Stakeholder Engagement and Management of Concerns Related to Tax	Stakeholder Communication
	207-4 Country-By-Country Reporting	Not Applicable
GRI 301: Materials 2016	3-3 Management of Material Topics	Materiality Assessment
	301-1 Materials Used by Weight or Volume	ESG Indicator Performance
	301-2 Recycled Input Materials Used	Green Production and Operations, ESG Indicator Performance
	301-3 Recycled Products and Their Packaging Materials	Green Production and Operations, ESG Indicator Performance
GRI 302: Energy 2016	3-3 Management of Material Topics	Materiality Assessment, Green Production and Operations
	302-1 Energy Consumption Within the Organization	Green Production and Operations, ESG Indicator Performance
	302-3 Energy Intensity	Green Production and Operations, ESG Indicator Performance
	302-4 Reduction of Energy Consumption	Green Production and Operations, ESG Indicator Performance
	302-5 Reduction of Energy Requirements of Products and Services	Green Production and Operations, R&D and Innovation Management, ESG Indicator Performance

GRI Standard	Disclosure Item	AIKO Response in this Report
GRI 303: Water and Effluents 2018	3-3 Management of Material Topics	Materiality Assessment, Green Production and Operations
	303-1 Interaction with Water as a Shared Resource	Green Production and Operations
	303-2 Management of Water Discharge-Related Impacts	Green Production and Operations
	303-3 Water Withdrawal	ESG Indicator Performance
	303-4 Water Discharge	ESG Indicator Performance
	303-5 Water Consumption	ESG Indicator Performance
GRI 305: Emissions 2016	3-3 Management of Material Topics	Materiality Assessment, Response to Climate Change, Green Production and Operations
	305-1 Direct (Scope 1) Greenhouse Gas Emissions	Response to Climate Change
	305-2 Energy Indirect (Scope 2) Greenhouse Gas Emissions	Response to Climate Change
	305-3 Other Indirect (Scope 3) Greenhouse Gas Emissions	Response to Climate Change
	305-4 GHG Emissions Intensity	ESG Indicator Performance
	305-5 Reduction of Greenhouse Gas Emissions	Green Production and Operations
	305-6 Emissions of Ozone-Depleting Substances (ODS)	Not Applicable
GRI 306: Waste 2020	305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	ESG Indicator Performance
	3-3 Management of Material Topics	Materiality Assessment, Green Production and Operations
	306-1 Waste Generation and Significant Waste-Related Impacts	Green Production and Operations
	306-2 Management of Significant Waste-Related Impacts	Green Production and Operations
	306-3 Waste Generated	ESG Indicator Performance
	306-4 Waste Diverted from Disposal	ESG Indicator Performance
GRI 306: Effluents and Waste 2016	306-5 Waste Directed to Disposal	ESG Indicator Performance
	306-3 Significant Spills	Environmental Compliance Management

GRI Standard	Disclosure Item	AIKO Response in this Report
GRI 308: Supplier Environmental Assessment 2016	3-3 Management of Material Topics	Materiality Assessment, Responsible Procurement Management
	308-1 New Suppliers That Were Screened Using Environmental Criteria	Responsible Procurement Management
	308-2 Negative Environmental Impacts in the Supply Chain and Actions Taken	Responsible Procurement Management
GRI 401: Employment 2016	3-3 Management of Material Topics	Materiality Assessment
	401-1 New Employee Hires and Employee Turnover	Protecting Employee Rights and Interests
	401-2 Benefits Provided to Full-Time Employees That Are Not Provided to Temporary or Part-Time Employees	Talent Attraction and Retention
	401-3 Parental Leave	Talent Attraction and Retention
GRI 402: Labor/Management Relations 2016	3-3 Management of Material Topics	Materiality Assessment
	402-1 Minimum Notice Periods Regarding Operational Changes	Confidentiality
GRI 403: Occupational Health and Safety 2018	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 Worker Participation, Consultation, and Communication on Occupational Health and Safety	Occupational Health and Safety
	403-5 Worker Training on Occupational Health and Safety	Occupational Health and Safety
	403-6 Promotion of Worker Health	Occupational Health and Safety
	403-7 Prevention and Mitigation of Occupational Health and Safety Impacts Directly Linked by Business Relationships	Occupational Health and Safety
	403-8 Workers Covered by an Occupational Health and Safety Management System	Occupational Health and Safety
	403-9 Work-Related Injuries	Occupational Health and Safety
	403-10 Work-Related Ill Health	Occupational Health and Safety

GRI Standard	Disclosure Item	AIKO Response in this Report
GRI 404: Training and Education 2016	3-3 Management of Material Topics	Materiality Assessment, Fostering Employee Growth Together,
	404-1 Average Hours of Training per Year per Employee	Fostering Employee Growth Together, ESG Indicator Performance
	404-2 Programs for Upgrading Employee Skills and Transition Assistance Programs	Fostering Employee Growth Together
	404-3 Percentage of Employees Receiving Regular Performance and Career Development Reviews	Fostering Employee Growth Together
GRI 405: Diversity and Equal Opportunity 2016	3-3 Management of Material Topics	Materiality Assessment, Protecting Employee Rights and Interests
	405-1 Diversity of Governance Bodies and Employees	Protecting Employee Rights and Interests
	405-2 Ratio of Basic Salary and Remuneration of Women to Men	Talent Attraction and Retention
GRI 406: Non-Discrimination 2016	3-3 Management of Material Issues	Materiality Assessment, Protecting Employee Rights and Interests
	406-1 Incidents of Discrimination and Corrective Actions Taken	Protecting Employee Rights and Interests
GRI 407: Freedom of Association and Collective Bargaining 2016	3-3 Management of Material Issues	Materiality Assessment, Talent Attraction and Retention
	407-1 Operations and Suppliers Where the Right to Freedom of Association and Collective Bargaining May Be at Risk	Talent Attraction and Retention
GRI 408: Child Labor 2016	3-3 Management of Material Issues	Materiality Assessment, Protecting Employee Rights and Interests
	408-1 Operations and Suppliers with Significant Risk for Incidents of Child Labor	Protecting Employee Rights and Interests
GRI 409: Forced or Compulsory Labor 2016	3-3 Management of Material Issues	Materiality Assessment, Protecting Employee Rights and Interests
	409-1 Operations and Suppliers with Significant Risk for Incidents of Forced or Compulsory Labor	Protecting Employee Rights and Interests, Responsible Procurement Management
GRI 410: Security Practices 2016	3-3 Management of Material Issues	Not Applicable
	410-1 Security Personnel Trained in Human Rights Policies or Procedures	Not Applicable
GRI 411: Rights of Indigenous Peoples 2016	3-3 Management of Material Issues	Materiality Assessment
	411-1 Incidents of Violations Involving Rights of Indigenous Peoples	Not Applicable

GRI Standard	Disclosure Item	AIKO Response in this Report
GRI 413: Local Communities 2016	3-3 Management of Material Issues	Materiality Assessment
	413-1 Operations with Local Community Engagement, Impact Assessments, and Development Programs	Responsible Procurement Management
	413-2 Operations with Significant Actual and Potential Negative Impacts on Local Communities	Responsible Procurement Management
GRI 414: Supplier Social Assessment	3-3 Management of Material Issues	Materiality Assessment, Responsible Procurement Management
	414-1 New Suppliers That Were Screened Using Social Criteria	Responsible Procurement Management
	414-2 Negative Social Impacts in the Supply Chain and Actions Taken	Responsible Procurement Management
GRI 415: Public Policy 2016	3-3 Management of Material Issues	Not Applicable
	415-1 Political Contributions	Not Applicable
GRI 416: Customer Health and Safety	3-3 Management of Material Issues	Materiality Assessment, Customer Service Management, Lean Quality Management
	416-1 Assessment of the Health and Safety Impacts of Product and Service Categories	Lean Quality Management, Customer Service Management
	416-2 Incidents of Non-Compliance Concerning the Health and Safety Impacts of Products and Services	Lean Quality Management
GRI 417: Marketing and Labeling 2016	3-3 Management of Material Issues	Not Applicable
	417-1 Requirements for Product and Service Information and Labeling	Not Applicable
	417-2 Incidents of Non-Compliance Concerning Product and Service Information and Labeling	Not Applicable
	417-3 Incidents of Non-Compliance Concerning Marketing Communications	Not Applicable
GRI 418: Customer Privacy	3-3 Management of Material Topics	Materiality Assessment, Information Security Management
	418-1 Substantiated Complaints Concerning Breaches of Customer Privacy and Losses of Customer Data	Information Security Management

Shanghai Stock Exchange *Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)* - Topic Index

Disclosure Requirements	Corresponding Clause	AIKO Response in this Report
Climate Change Tackling	Articles 21 To 28	Response to Climate Change
Pollutant Discharge	Article 30	Green Production and Operations
Waste Disposal	Article 31	Green Production and Operations
Ecosystem and Biodiversity Protection	Article 32	Environmental Compliance Management
Environmental Compliance Management	Article 33	Environmental Compliance Management
Energy Usage	Article 35	Green Production and Operations
Usage of Water Resources	Article 36	Green Production and Operations
Circular Economy	Article 37	Green Production and Operations, Responsible Procurement Management
Rural Revitalization	Article 39	No Related Activities During the Reporting Period
Contributions to the Society	Article 40	Supporting Community Development
Innovation-driven	Article 42	R&D and Innovation Management, Empowering Industry Development
Ethics of Science and Technology	Article 43	Not Applicable
Supply Chain Security	Article 45	Responsible Procurement Management
Equal Treatment to Small and Medium-Sized Enterprises	Article 46	Not Applicable
Safety and Quality of Products and Services	Article 47	Lean Quality Management
Data Security and Customer Privacy Protection	Article 48	Information Security Management
Employees	Article 50	Protecting Employee Rights and Interests, Talent Attraction and Retention, Fostering Employee Growth Together, Occupational Health and Safety
Due Diligence	Article 52	Responsible Procurement Management
Communication with Stakeholders	Article 53	Stakeholder Communication
Anti-Commercial Bribery and Anti-Corruption	Article 55	Upholding Business Ethics
Anti-Unfair Competition	Article 56	Upholding Business Ethics

International Financial Reporting Sustainability Disclosure Standard No. 2 (IFRS S2) Index

Recommended Disclosures		AIKO Response in this Report
Governance	The governance body (including the Board of Directors, committees, or other equivalent governance bodies) or individual responsible for overseeing climate-related risks and opportunities.	Response to Climate Change
	Disclose management's role in the governance processes, controls, and procedures used to monitor, manage, and oversee climate-related risks and opportunities.	Response to Climate Change
Strategy	Disclose the climate-related risks and opportunities that could reasonably be expected to affect the entity's prospects.	Response to Climate Change
	Disclose the current and anticipated effects of climate-related risks and opportunities on the entity's business model and value chain.	Response to Climate Change
	Disclose the effects of climate-related risks and opportunities on the entity's strategy and decision-making, including information about climate-related transition plans.	Response to Climate Change
	Disclose the effects of climate-related risks and opportunities on the entity's financial position, financial performance, and cash flows for the reporting period, and the anticipated effects on financial position, financial performance, and cash flows over the short, medium, and long term; when disclosing anticipated effects, the entity should consider how it reflects these climate-related risks and opportunities in financial planning.	Response to Climate Change
	The climate resilience of the entity's strategy and business model to climate-related changes, developments, and uncertainties, considering the climate-related risks and opportunities the entity has identified.	Response to Climate Change
Risk Management	Disclose the entity's processes and related policies for identifying, assessing, prioritizing, and monitoring climate-related risks.	Response to Climate Change
	Disclose the entity's processes for identifying, assessing, prioritizing, and monitoring climate opportunities, including information about whether and how the entity uses climate-related scenario analysis to help identify climate opportunities.	Response to Climate Change
	Disclose the extent to which and how the processes for identifying, assessing, prioritizing, and monitoring climate-related risks and opportunities are integrated into and inform the entity's overall risk management process.	Response to Climate Change
Metrics and Targets	Disclose information related to cross-industry metric categories.	Response to Climate Change
	Disclose industry-specific metrics associated with particular business models, activities, or other common features that characterize participation in an industry.	Response to Climate Change
	Disclose the targets set by the entity to mitigate or adapt to climate-related risks or to capitalize on climate opportunities, as well as any targets the entity is required to meet by law or regulation, including the metrics used by the governance body or management to measure progress toward achieving these targets.	Response to Climate Change

Third-Party Assurance Report



Independent Assurance Statement

Introduction

TÜV Rheinland (Shanghai) Co., Ltd., a member of TÜV Rheinland Group (hereinafter "TÜV Rheinland" or "We"), was entrusted by Shanghai Aiko Solar Energy Co., Ltd. (hereinafter "Aiko" or "the Company") to conduct an independent third-party assurance of its 2025 Environmental, Social and Governance Report (hereinafter, "Report"). The Report disclosed Aiko's sustainability information for the fiscal year 2025 (from 1 January 2025 to 31 December 2025).

Responsibilities

Aiko is not only responsible for the preparation of sustainability report and the collection and reporting of sustainability information in accordance with applicable reporting standards but also has the obligation to implement and maintain effective internal control of information and data to support the report compilation process.

TÜV Rheinland implements sustainability information assurance activities under a quality management system that complies with the requirements of the ISO/IEC 17029:2019 Standard and adheres to the TÜV Rheinland Global Code of Ethics and Compliance Program. Our assurance service follows the principles of independence and impartiality and does not participate in the preparation of the Report of Aiko. The assurance project was implemented by a team with expertise and assurance experience in the corresponding sustainability issues. The role of TÜV Rheinland is to carry out independent assurance work in accordance with the assurance agreement and the agreed scope of assurance work, and to make independent and impartial professional judgments on sustainability reporting.

Assurance Standard

TÜV Rheinland undertook assurance work for specified performance indicators (see Appendix in this statement) and non-financial qualitative information (including materiality assessment, stakeholder engagement, topics management related to material impacts, risks and opportunities (IRO), etc.) selected by Aiko in accordance with the AccountAbility AA1000 Assurance Standard 3rd edition (AA1000AS v3) on a Type-2 and Moderate level.

Assurance Objectives

The purpose of the assurance was to provide management of Aiko and stakeholders concerned with the Company's sustainability information and performance with an independent view of the assurance, including that we review and assess the content of the report adherence to the AA1000AP (2018) Assurance Principles (including inclusivity, materiality, responsiveness and impact), and review and evaluate the reliability and quality of specified performance information.

Assurance Criteria

The following assessment criteria (including reporting frameworks or standards) were used in undertaking the work:

- Global Reporting Initiative (GRI) Sustainability Reporting Standards (GRI Standards)
- Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies - Sustainability Reporting (Trial)
- Guidelines No. 1 of Shanghai Stock Exchange for Self-Regulation of Listed Companies - Standardized Operation
- International Sustainability Standards Board (ISSB) IFRS 1 - General Requirements for Disclosure of Sustainability-related Financial Information (IFRS S1) and IFRS 2 - Climate-related Disclosures (IFRS S2)
- United Nations Sustainable Development Goals (UN SDGs)
- Greenhouse Gas Accounting System Enterprise Accounting and Reporting Standards (GHG Protocol)
- Adherence to the AA1000AP AccountAbility Principles, i.e., *Inclusivity, Materiality, Responsiveness, and Impact*

Methodology



Our assurance activities and procedures include:

- Interviewing with management to understand and assess key processes, systems and internal controls for operations and sustainability management.
- Interviewing with key personnel responsible for sustainability execution to understand the non-financial information reporting system, including the collection, integration and reporting of specified performance data and non-financial qualitative information, and to evaluate the data integration process at the group level.
- Applying analytical procedures to review the reasonableness of the data.
- Testing the source of information based on the sampling principle to check the accuracy of the data.
- Reviewing the consistency and reliability of specified performance indicators and quantitative and qualitative information within assurance scope.
- Collecting and inspecting supporting evidence to assess the extent to which relevant disclosures within the scope of the assurance engagement and sustainability reporting support and adherence to AA1000AP assurance principles.
- Reporting assurance observations or recommendations to give the company's management an opportunity to correct errors before the assurance process is completed.

Limitations

TÜV Rheinland planned and executed the verification in accordance with the scope of the assurance agreed upon and obtained evidence information and necessary explanations to provide the basis for the conclusion of the assurance in accordance with the moderate level of AA1000AS v3. The nature and extent (scope) of the procedures involved in moderate level assurance engagement are lower than those required to obtain high level assurance.

Forward-looking information relates to events and actions that have not yet occurred and may never occur. Actual results are likely to be different because expected events often do not occur as expected. We did not guarantee the availability of forward-looking information.

The information and performance relating to the assurance is limited to the disclosure of the contents of this Report. Our assurance did neither cover annual financial reports and financial data and nor cover other topics or matters that are not related to sustainability topics beyond the scope of this assurance.

Conclusions

Based on the above assurance procedures implemented and the evidence obtained, we believe that:

- 2025 ESG Report of Aiko adhered to the AA1000AP AccountAbility Principles.
- Sustainability information was prepared in accordance with Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies - Sustainability Reporting (Trial), and GRI Standards.
- Specified performance indicators (see Appendix) and non-financial qualitative information (including the assessment of material issues) within the scope of the assurance were evaluated and there were no material misstatements.

TÜV Rheinland shall not bear any liability or responsibility to any third parties for perception and decision on Aiko based on this Assurance Statement.

Adherence to the AA1000AP AccountAbility Principles

Inclusivity

Aiko has identified six major stakeholders, including government and regulatory authorities, shareholders and investors, employees, customers, suppliers and communities.

Materiality

Aiko adopted the principle of "double materiality" to analyse the issue from the two dimensions of "impact materiality" and "financial materiality". The materiality matrix showed the double materiality issues of the year (such as climate change, scientific and technological innovation, product quality management, etc.), which is highly consistent with the characteristics of the industry.

Responsiveness

The communication channels between Aiko and key stakeholders usually included information disclosure, employee



training, supplier review, reporting and complaint mechanisms, etc. This report adopted the four-element framework of "governance-strategy-risk management-indicators and goals" for most issues. The evidence indicated that the Company has set quantitative targets for the current year in the areas of energy, water resources and occupational health and safety management, and the report discloses the progress of the targets and specific actions. The report also disclosed data on key performance indicators (e.g., greenhouse gas emissions and energy, water resources, emissions and waste management, etc.), where environmental data is historically comparable and responded to significant stakeholder concerns in a timely manner.

Impact

The management of Aiko paid attention to the environmental and social impact assessment of operations and also managed potential material ESG risks through risk management and compliance management processes. We recommend that Aiko continue to conduct impact assessments on key environmental and social issues such as water resources, supply chain labour, and community relations.

Disclosure of Specified Performance Information

TÜV Rheinland reached conclusions on the verification of reliability and quality of specified performance information (see Appendix) based on Type-2 and Moderate level assurance engagement:

- TÜV Rheinland observed that Aiko has implemented relevant internal control processes, and appropriate measures to collect and provide source data related to selected specific performance indicators for verification.
- During the verification process, all errors identified have been corrected. We believe that the data finally presented within the scope of the assurance is accurate. We recommend that Aiko enhance level of data management (including gathering, calculation and aggregation) at the group and operational levels.

A full management report was submitted to management of Aiko for consideration, detailing the findings and recommendations for continuous improvement of the sustainability report.

Daniel Pan
Technical Manager of Corporate Sustainability Services
TÜV Rheinland (Shanghai) Co., Ltd
Shanghai, China, 7 April 2026



Appendix:



Selected specific performance indicators in the table as follows:

Indicator (s)	Unit
Environment	
Total renewable energy consumption	MWh
Total hazardous waste generated	t
Total wastewater discharge	t
Total exhaust gas emission	Mm³
Total water withdrawal	t
Social	
Total number of employees	employees
Coverage of employee physical examination and health records	%
Total training participants	person-times
Percentage of suppliers signing the Supplier Code of Conduct	%
Coverage of data security and privacy protection training for employees	%
Governance	
Number of lawsuits filed for violation of business ethics	cases
Coverage of integrity training for new employees	%

Feedback Form

Dear Readers:

Thank you for reading this Report. We highly value and look forward to your feedback on this Report. Your opinions and suggestions are an important basis for us to continuously improve our corporate ESG information disclosure and advance our corporate ESG management and practices. We welcome and sincerely thank you for your valuable comments!

1. What is your overall rating of our ESG performance: ☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

2. What is your overall rating of this Report: ☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

3. How would you rate our performance in stakeholder communication? ☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

4. How do you rate our performance in sustainable development? ☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

5. How do you rate our performance in green development? ☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

6. How do you rate our performance in digitalization? ☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

7. How do you rate our performance in social contribution? ☐ Excellent ☐ Good ☐ Fair ☐ Poor ☐ Very Poor

8. What comments or suggestions do you have regarding our ESG performance and this Report?