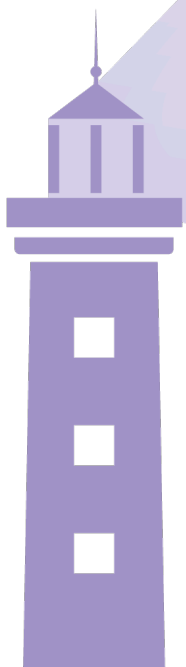


2025

SUSTAINABILITY REPORT



About This Report

Report Overview

This is the second Sustainability Report issued by Shanghai Zijiang Enterprise Group Co., Ltd. (“Zijiang Enterprise,” the “Company,” or “we”). It outlines the Company’s sustainability actions and progress during the reporting period. Prior to this, we had published ESG reports for four consecutive years. This report presents our strategic progress, management practices, and performance on sustainability matters in response to stakeholder concerns.

Scope of the Report

This report covers Shanghai Zijiang Enterprise Group Co., Ltd. and its subsidiaries, consistent with the scope of entities consolidated in the financial statements. It describes the Company’s sustainability management practices for the period from 1 January, 2025 to 31 December, 2025 (the “reporting period”). To enhance completeness, certain statements and data may, where necessary, refer to previous years.

Basis of Preparation

This report has been prepared in accordance with the relevant requirements of the Self-Regulatory Guidelines No. 14 for Listed Companies of the Shanghai Stock Exchange — Sustainability Reports (Trial), with reference to the GRI Standards, the United Nations Sustainable Development Goals (UN SDGs), and the Task Force on Climate-related Financial Disclosures (TCFD). It also reflects the sustainability priorities of investors, customers, and the industry, so that the disclosures respond to the information needs of key stakeholders.

Data Reliability Declaration

The information disclosed in this report is primarily derived from the Company’s internal management systems, operating statistics, and consolidated data. Necessary internal review procedures were completed during the compilation process. The report was approved by the Board of Directors on 27 April, 2026 following confirmation by management.

Report Access

This report is published as a standalone Sustainability Report in both Chinese and English. In the event of any discrepancy, the Chinese version shall prevail. The electronic version is available on the Shanghai Stock Exchange disclosure website and the official website of Zijiang Enterprise.

Reference

Terminology	Company / Business Unit	Terminology	Company / Business Unit
Container Packaging Business Unit	PET bottle and preform business, including Shanghai and regional subsidiaries	Hubei Zidan Food	Hubei Zidan Food Packaging & Printing Co., Ltd.
Paper Packaging Business Unit	Zidan Food, Zidan Packaging Technology, Zidan Printing, including Shanghai and regional subsidiaries	Ziquan Label	Shanghai Ziquan Label Co., Ltd.
Crown Caps & Labels Business Unit	Ziquan Packaging, Ziquan Label, including Shanghai and regional subsidiaries	Shenyang Ziquan Beverage	Shenyang Ziquan Beverage Industry Co., Ltd.
Beverage OEM Business Unit	Ziquan Beverage, including Shanghai and regional subsidiaries	Guilin Ziquan Beverage	Guilin Ziquan Beverage Industry Co., Ltd.
ZIRI Packaging	ZIRI Packaging, including Shanghai and regional subsidiaries	Zidan Packaging Technology	Shanghai Zidan Packaging Technology Co., Ltd.
Zijiang Color Printing	Shanghai Zijiang Color Printing & Packaging Co., Ltd.	Zidan Food	Shanghai Zidan Food Packaging & Printing Co., Ltd.
Anhui Zijiang Composite	Anhui Zijiang Composite Material Technology Co., Ltd.	Shaanxi Ziquan Beverage	Shaanxi Ziquan Beverage Industry Co., Ltd.
ZJMP	Shanghai Zijiang Metallization Environmental Protection Material Co., Ltd.	Shenyang Zijiang Packaging	Shenyang Zijiang Packaging Co., Ltd.
Ziyan Alloy	Shanghai Ziyan Alloy Application Technology Co., Ltd.	Guangdong ZIRI	Guangdong ZIRI Packaging Co., Ltd.
Zidong Nylon	Shanghai Zidong Nylon Material Technology Co., Ltd.	Meishan Zijiang	Meishan Zijiang Packaging Co., Ltd.
Zijiang Int'l Trade	Shanghai Zijiang International Trading Co., Ltd.	Hubei Zidan Packaging Technology	Hubei Zidan Packaging Technology Co., Ltd.
Zihua Technology	Shanghai Zihua Film Technology Co., Ltd.	Tangshan Zijiang	Tangshan Zijiang Packaging Materials Co., Ltd.
Nanjing Zile	Nanjing Zile Beverage Industry Co., Ltd.	Shenyang ZIRI Packaging	Shenyang ZIRI Packaging Co., Ltd.
Ziquan Beverage	Shanghai Ziquan Beverage Industry Co., Ltd.	Sichuan ZIRI Packaging	Sichuan ZIRI Packaging Co., Ltd.
Ziquan Packaging	Shanghai Ziquan Packaging Co., Ltd.	Qionglai Zijiang Packaging	Qionglai Zijiang Packaging Products Co., Ltd.
Anhui ZJMP	Anhui Zijiang Metallization Environmental Protection Material Co., Ltd.	Xi'an Zijiang	Xi'an Zijiang Enterprise Co., Ltd.
Zidan Printing	Shanghai Zidan Printing Co., Ltd.	Yichang Ziquan Beverage	Yichang Ziquan Beverage Industry Co., Ltd.
		Luohe Zijiang	Luohe Zijiang Packaging Co., Ltd.
		Shandong NewOpt	Shandong New Optimization Materials Technology Co., Ltd.

Feedback

For any questions about this report or requests for further information, please contact:

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Table of Contents

06 Message from the Executive

About Zijiang Enterprise

08 Company Overview

10 Awards and Recognitions

1 Sustainability Strategy

14 Sustainability Strategy

17 Double Materiality

2 Zero Carbon Transition

24 Climate Action

29 Energy Management

34 Building a Low-Carbon Value Chain

3 Innovative Packaging Solutions

38 Sustainable Products

4 Journey with Community

48 Industry Development

51 Community Engagement

53 Philanthropy

5 Integrated Resource Efficiency

56 Environmental Management

61 Resource Efficiency

6 Advanced Manufacturing

64 Product Quality

65 R&D and Innovation

67 Customer Collaboration

73 Lean Operations

7 Nurturing Workforce

80 Employee Rights and Interests

82 Career Development and Training

85 Compensation and Benefits

90 Health and Safety

8 Governance & Compliance Excellence

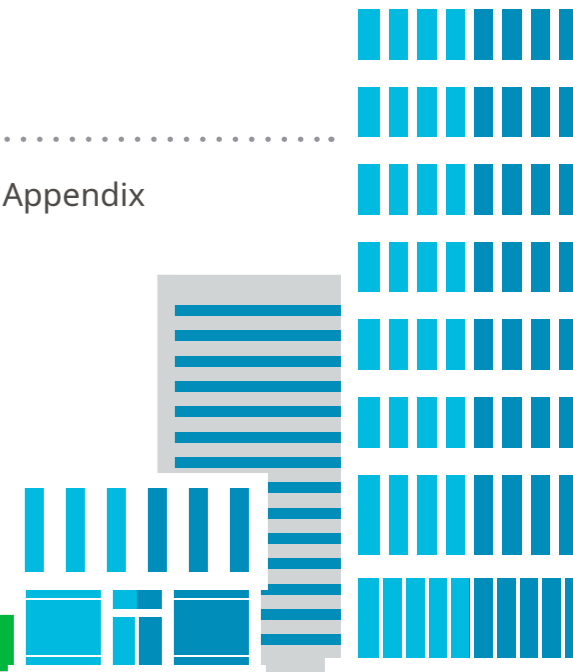
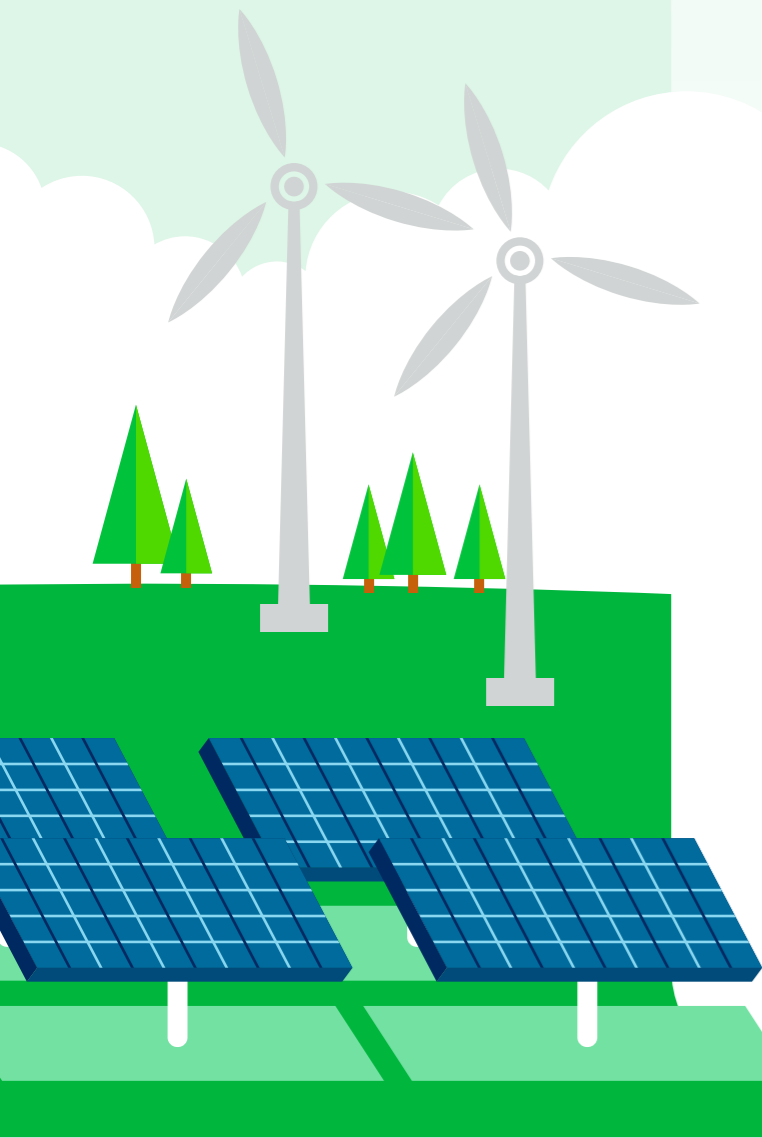
98 Corporate Governance

102 Business Ethics

102 Information Security

104 Supply Chain Management

106 Appendix



Message from the Executive

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As the global economy moves steadily toward a more sustainable future, a company's long-term competitiveness increasingly depends on its ability to remain resilient amid uncertainty, act responsibly, and continue creating long-term value. For traditional manufacturers, achieving sustained growth through economic cycles is no longer simply a matter of scale or efficiency. It is also a broader test of how resources are allocated, how the business is run, and how future development is defined.

”

Zijiang Enterprise is guided by a long-term perspective, with prudent operations and value creation at the heart of its development philosophy.

Since its founding, we have remained focused on our core business, respected industrial fundamentals, and continuously refined our development path in response to a changing external environment. As a company rooted in the packaging industry, we have always looked beyond short-term gains toward more durable value creation.

We believe corporate value lies in the ability to provide customers and society with stable and reliable product solutions in a more efficient, less resource-intensive, and more sustainable way. On this basis, we continue to embed sustainability into product design, manufacturing systems, and management decisions, making it an integral part of how we operate and translating it into stronger operational quality and service capability.

In 2025, we became even more convinced that sustainability must evolve from experience-led action to systematic planning, and from isolated practices to enterprise-wide coordination. Based on a comprehensive assessment of our development stage, industry trends, and long-term risks and opportunities, we carried out a group-level

review and upgrade of our ESG management system. We also formally introduced the Z-Value sustainability strategy framework, placing sustainability at the center of our future development agenda.

Centered on long-term value creation, the Z-Value sustainability strategy systematically integrates low-carbon transition and environmental responsibility, innovation-driven products and smart manufacturing upgrades, resource efficiency improvement, talent and organizational capability building, community impact creation, and sound, transparent, and responsible corporate governance. Z-Value represents a structured refinement of Zijiang Enterprise's established development logic. It is designed to embed sustainability into operations, management decisions, and business expansion in a more comprehensive and consistent way.

Zijiang Enterprise remains committed to becoming a leading packaging manufacturer and service provider in China, delivering high-quality and sustainable solutions to customers. Industry leadership is not the end goal; it is the baseline expectation for professional capability and corporate responsibility. More importantly, over the long course of business development, we seek to grow together with employees, customers, and value chain partners, and to help advance the industry toward a more efficient, low-carbon, and sustainable future.

Guided by long-termism and grounded in our business characteristics and stage of development, we will continue advancing the Z-Value sustainability strategy, strengthening our capability for sustainable operations, and creating lasting value in a prudent, transparent, and responsible manner — together shaping a more sustainable future.

About Zijiang Enterprise

Company Introduction

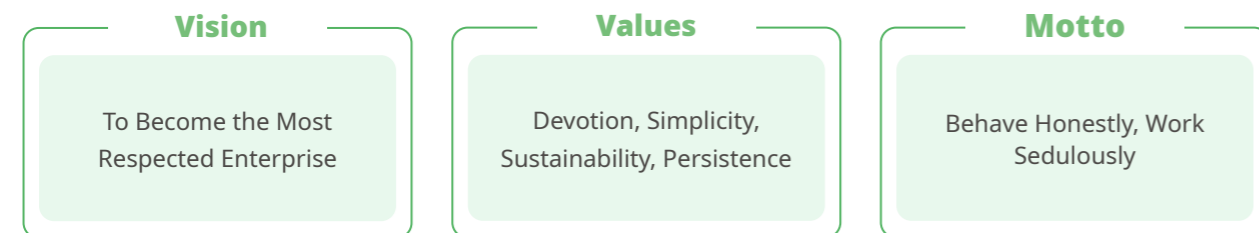
Shanghai Zijiang Enterprise Group Co., Ltd. (Stock Code: 600210) was founded in 1988 and listed on the Shanghai Stock Exchange in 1999. Based in Shanghai with a nationwide network and expanding overseas presence, it is a leading packaging manufacturer and service provider in China, delivering high-quality, sustainable solutions.

Company Overview

Built around packaging, Zijiang Enterprise also operates in import and export trade, real estate, and venture investment. It has interests in over 100 companies, nearly 7,000 employees, and a business network across China and overseas.

Guided by prudent operations and long-termism, the Company continues to invest in capacity, technology, and management to strengthen scale, quality, and service.

Core Values



Industrial Layout



Zijiang Enterprise Packaging Business

Business Segment	Business and Capability Overview
PET Bottles and Preforms	Seven regional clusters and over 50 plants nationwide. Annual capacity exceeds 20 billion units, serving beverages, water, dairy, edible oils, condiments, and personal care products, with PET solutions for Fortune Global 500 companies and leading domestic brands.
Beverage OEM	Operates nine production bases nationwide with annual capacity of nearly 5 billion bottles. Products cover carbonated drinks, tea beverages, juices, protein drinks, and health foods, with hot-fill, aseptic cold-fill, and carbonated-fill capabilities.
Crown Caps and Labels	Manufactures crown caps, ring-pull caps, shrink labels, high-transparency PE shrink film, and hygiene packaging. Annual capacity exceeds 30 billion labels, 30 billion crown caps, and 800 million hygiene packaging bags, supported by long-term partnerships with major industry players.
Tamper-Evident Plastic Caps	Equipped with advanced international production equipment, the business operates more than 60 production lines across six domestic and overseas production bases. With annual capacity approaching 30 billion units, it can meet diverse market needs such as laser coding, promotional labeling, and outer-cap printing, serving more than 600 customers, including leading players in beverages, bottled water, and dairy.
Color Paper Packaging	Provides direct food-contact packaging, folding cartons, takeaway boxes, and pre-printed cartons, supported by both offset and flexographic printing. Products serve food, pharmaceuticals, daily necessities, and cosmetics, with long-term multinational partnerships.
Plastic Composite Packaging	Develops and manufactures laminated flexible packaging for food, personal care, and pharmaceuticals. The business also participates in national and industry standards and exports to markets across the Americas, Asia, and Europe.
Metallized Paper and Paperboard	Provides end-to-end services from packaging design to vacuum metallization. Products include metallized board and waterproof label paper for premium and anti-counterfeiting packaging in tobacco, cosmetics, and food.
PE and PA Films	Integrates R&D, manufacturing, and sales in polyethylene film and serves leading hygiene product brands. Biaxially oriented nylon film capacity reaches 20,000 tons per year.
Water-Soluble Films	Focused on the R&D, production, and sale of water-soluble films, with capacity above 1,500 tons. Applications include laundry pods, agrochemical pods, dishwasher tablets, marble release films, and water-transfer printing films.

Awards and Recognitions

Zijiang Enterprise Awards



**Shareholder Return Award
for Investor Relations**

Securities Times



**2025 Outstanding Internal Control
Practice Case of Listed Companies**

China Association for Public Companies



**Shanghai Manufacturing
Single Champion**

Shanghai Municipal Commission of
Economy and Informatization



**No. 3 in the 2025 China Top 100
Printing & Packaging Enterprises**

Printing Manager



**2025 Best Sustainability Practice
Case of Listed Companies**

China Association for Public Companies



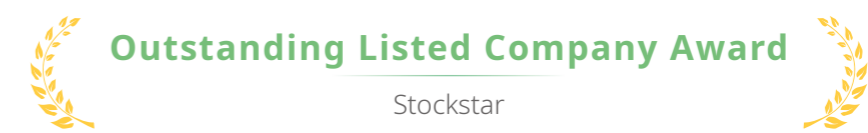
**Special Contribution Award
for Corporate Governance**

Directors & Boards Magazine



Carbon Path Practitioner Award

Stockstar



Outstanding Listed Company Award

Stockstar

ESG Ratings



A

Wind ESG Rating



BBB

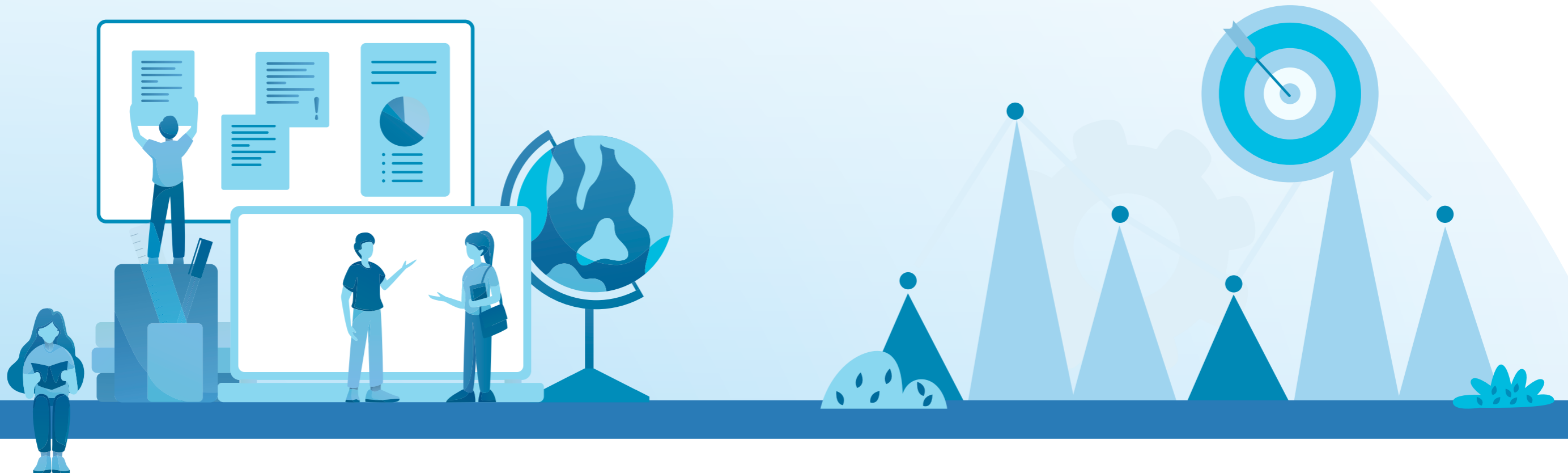
Huazheng ESG Rating

Sustainability Strategy

14 Sustainability Strategy

17 Double Materiality

Built on long-term operating practice, Zijiang Enterprise has elevated sustainability into a systematic strategic framework. Guided by long-termism, the Company regards sustainability as a core enabler of prudent operations and long-term value creation, and uses a clear framework to align priorities and actions.



Sustainability Strategy

Zijiang Enterprise's long-term development depends on systematic progress in resource efficiency, production models, organizational capability, and governance. Building on existing sustainability practices, the Company has further clarified its overall framework and core sustainability priorities to strengthen resilience and long-term value creation amid a changing external environment.



Zero Carbon Transition

Innovative Packaging Solutions

Journey with Community

Integrated Resource Efficiency

Advanced Manufacturing

Nurturing Workforce

Governance & Compliance Excellence

Z-Value Sustainability Strategy

The Z-Value Sustainability Strategy is a framework shaped by Zijiang Enterprise's long-term operating practice and corporate culture. It is designed to manage environmental, social, and governance priorities through a systematic approach and embed them into core business processes.

Zero Carbon Transition

Zijiang Enterprise focuses on low-carbon transition, treating climate and resource constraints as key conditions for long-term operations. It continues to optimize its energy mix, production methods, and operating model to better align environmental performance with business objectives.

Innovative Packaging Solutions

Driven by innovation, the Company continues to upgrade packaging materials, product design, and solutions. While meeting diverse customer needs, it enhances environmental performance and functional value, supporting higher-quality growth in its packaging business.

Journey with Community

Zijiang Enterprise values shared development with employees, partners, and communities. Through responsible operations and long-term collaboration, it promotes shared value creation across the value chain and builds relationships based on trust and mutual benefit.

Integrated Resource Efficiency

The Company improves the efficiency of water, raw materials, and other key resources through systematic management, advancing both resource allocation optimization and circular use. This helps reduce operating costs and environmental impact while enhancing overall operational efficiency.

Advanced Manufacturing

With advanced manufacturing and lean management at its core, Zijiang Enterprise continues to expand automation, digitalization, and smart manufacturing. This improves productivity, quality consistency, and safety, providing a stronger manufacturing foundation for sustainable operations.

Nurturing Workforce

The Company follows a people-centered approach, with strong emphasis on employee development and organizational capability. It fosters a safe, inclusive, and sustainable workplace, enhances employee skills and organizational vitality, and builds long-term talent strength.

Governance & Compliance Excellence

Zijiang Enterprise continues to strengthen its governance structure and compliance system, reinforce transparency and accountability, and improve risk management and internal control, laying a solid governance foundation for prudent operations and sustainable development.

Double Materiality




To identify sustainability topics that matter most to long-term development and stakeholders, Zijiang Enterprise introduced the double materiality principle in preparing its 2025 Sustainability Report. The Company systematically assessed sustainability topics from two perspectives: the Company's impact on the external environment and society, and the impact of these topics on business performance, risk management, and long-term value creation. A standardized process supports both sustainability decision-making and disclosure.

Assessment Process



Stakeholder Engagement

Zijiang Enterprise places strong importance on ongoing stakeholder engagement and views effective response to stakeholder concerns as a key foundation for sustainable development and long-term value creation. During the reporting period, the Company identified and continuously engaged seven key stakeholder groups — customers, shareholders and investors, government agencies, industry organizations, partners, employees, and communities — and adopted diversified communication channels based on their priority concerns to improve relevance and effectiveness.

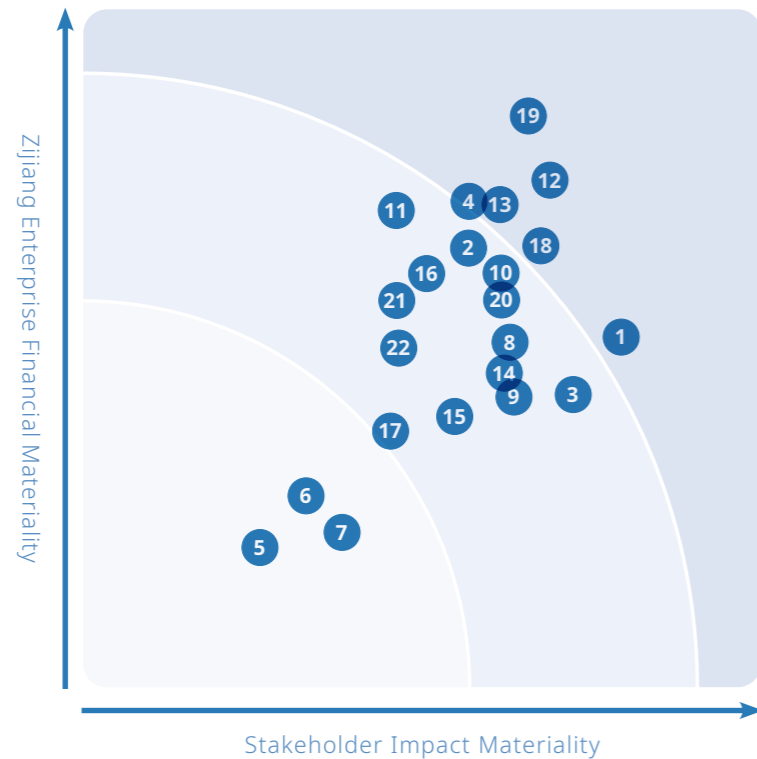
Stakeholder	Key Concerns	Engagement Channels	Core Commitment
 Customers	<ul style="list-style-type: none"> ★ Environmental Management ★ Climate Action ★ Customer Service ★ Information Security 	<ul style="list-style-type: none"> ★ Customer Visits ★ Calls ★ Product Carbon Footprint Verification 	<p>Integrate quality and low-carbon practices across product design, manufacturing, and service, and work with customers to support business growth and green transition.</p>
 Shareholders and Investors	<ul style="list-style-type: none"> ★ Corporate Governance ★ Risk Management ★ Digital Enablement ★ Lean Operations 	<ul style="list-style-type: none"> ★ Shareholder Meetings ★ Announcements ★ Emails ★ Investor Meetings ★ Online Investor Platforms ★ Investor Calls 	<p>Strengthen long-term value creation through sound governance forward-looking management, and continuous improvement in operations and strategy execution.</p>
 Government Agencies	<ul style="list-style-type: none"> ★ Environmental Management ★ Water Resource Management ★ Waste Management ★ Occupational Health and Safety ★ Employee Rights 	<ul style="list-style-type: none"> ★ Policy Communication ★ Regular Reporting ★ Daily Communication ★ Environmental Disclosure 	<p>Align closely with policy direction and regulatory expectations, integrate environmental and compliance management into daily operations, and promote coordinated progress in economic development and social responsibility.</p>

Stakeholder	Key Concerns	Engagement Channels	Core Commitment
 Industry Organizations	<ul style="list-style-type: none"> ★ Industry Development ★ Technological Innovation 	<ul style="list-style-type: none"> ★ Participation in Industry Standard-Setting ★ Industry Conferences 	<p>Contribute practical experience to industry exchange and standard development, support technological progress and collaboration, and promote the healthy evolution of the industry system.</p>
 Partners	<ul style="list-style-type: none"> ★ Supply Chain Management ★ Business Ethics 	<ul style="list-style-type: none"> ★ Tendering and Procurement ★ Business Communication and Collaboration 	<p>Build a transparent and responsible supply chain collaboration mechanism, integrate sustainability requirements into cooperation processes, and improve resilience and long-term reliability together with partners.</p>
 Employees	<ul style="list-style-type: none"> ★ Occupational Health and Safety ★ Employee Rights ★ Talent Development ★ Diversity, Equity and Inclusion ★ Fair Compensation and Benefits 	<ul style="list-style-type: none"> ★ Employee Representative Congress ★ Engagement Surveys ★ Internal Publications 	<p>Foster a safe, equitable, and inclusive workplace, combine employee growth with organizational capability building, and strengthen team cohesion and long-term development momentum.</p>
 Community	<ul style="list-style-type: none"> ★ Community Engagement ★ Public Welfare and Charity 	<ul style="list-style-type: none"> ★ Donations ★ Volunteer Activities ★ Employment for People with Disabilities 	<p>Support community development and public welfare while responding to environmental and social needs, promoting positive interaction between corporate growth and community development.</p>

Materiality Matrix

Through a systematic materiality assessment, Zijiang Enterprise identified the sustainability topics most relevant to its business and stakeholders, taking into account both industry characteristics and corporate strategy. The assessment considered not only the impact of topics on the environment and society, but also their potential effects on long-term operations, risk management, and financial performance, ensuring that disclosures reflect the Company's core sustainability priorities.

Based on the double materiality principle, Zijiang Enterprise assessed 22 ESG topics by analyzing impact scope, level of risks and opportunities, and relevance to operations and value creation, and developed a materiality matrix. Six highly material topics were ultimately identified as key disclosure priorities for the 2025 Sustainability Report.



Zero Carbon Transition	Innovative Packaging Solutions	Journey with Community	Integrated Resource Efficiency
1. Climate Action	4. Sustainable Products	5. Industry Development	8. Environmental Management
2. Energy Management		6. Community Engagement	9. Resource Efficiency
3. Low-Carbon Value Chain		7. Philanthropy	
Advanced Manufacturing	Nurturing Workforce	Governance & Compliance Excellence	
10. Product Quality	14. Employee Rights and Interests	19. Corporate Governance	
11. R&D and Innovation	15. Talent Development	20. Business Ethics	
12. Customer Collaboration	16. Fair Compensation and Benefits	21. Supply Chain Management	
13. Lean Operations	17. Diversity, Equity and Inclusion	22. Information Security	
	18. Occupational Health and Safety		

During the reporting period, we updated the following topics to better align with the Company's strategy and goals, while enhancing communication and responsiveness with stakeholders:

2024 Topic	2025 Update
Water Resource Management	Consolidated into Resource Efficiency under a unified framework for resource efficiency and integrated resource use
Waste Management	Consolidated into Environmental Management as part of the broader environmental management system
Digital Enablement	Consolidated into Lean Operations to reflect the role of digitalization in improving operational efficiency
Circular Economy	Upgraded to Sustainable Products to highlight circularity at the product level
Technological Innovation	Revised to R&D and Innovation to emphasize the role of R&D in long-term competitiveness
Risk Management	Consolidated into Corporate Governance to reinforce its role within the governance system

In the materiality assessment, Zijiang Enterprise evaluated not only each topic's environmental and social impact, but also its potential effect on business performance and long-term financial outcomes. These topics may affect value creation through cost structure, operating efficiency, competitiveness, compliance risk, and financing capability.

Material Topics and Financial Impact Analysis

Material Topic	Significance to Zijiang Enterprise	Financial Impact Analysis
Sustainable Products	Advance lightweight packaging design, improve recyclability, and gradually introduce circular and lower-impact materials to upgrade the product portfolio.	Improves resource efficiency, reduces raw material use and waste treatment costs, strengthens product differentiation, and supports long-term profitability.
Customer Collaboration	Build efficient customer collaboration mechanisms, improve customer management and service processes, and enhance partnership value.	Improves customer satisfaction and stickiness, supports market share and revenue stability, and optimizes cash flow and business continuity through long-term cooperation.
Lean Operations	Continuously optimize management systems and operating processes and strengthen data-driven performance management to improve efficiency and resource allocation.	Reduces production and operating costs through process optimization and smarter management, while improving asset utilization and returns.
Corporate Governance	Continue strengthening governance structure, institutional systems, and disclosure mechanisms to enhance transparency and oversight.	Helps reduce compliance and operating risks, strengthen investor confidence, improve financing capability, and optimize capital costs.
Climate Action	Establish climate governance mechanisms, identify climate-related risks and opportunities, and promote low-carbon operations and energy-saving measures.	Lowers emissions-related costs and potential compliance risks through energy efficiency and energy mix optimization, while enhancing brand value and competitiveness.
Occupational Health and Safety	Maintain a comprehensive occupational health and safety management system covering risk identification, health management, and safety training.	Reduces workplace accidents and occupational health risks, limits operational disruption and related costs, and improves long-term operating stability.

Zero Carbon Transition

- 24 Climate Action
- 29 Energy Management
- 34 Building a Low-Carbon Value Chain

From operations to the value chain, Zijiang Enterprise integrates low-carbon transition into every link through energy-saving innovation, process optimization, and green supply chain development. While improving energy efficiency and expanding renewable energy use, the Company works with upstream and downstream partners to support the industry's low-carbon transition.

Key Metrics

Companies with SBTi validation: **2**

Companies with PAS 2060 carbon neutrality certification: **6**

Companies with LEED Silver certification: **1**



ESG Strategic Targets

Reduce product carbon intensity by **10%** by 2030

Increase the share of clean energy use to **30%** by 2030

Achieve distributed solar PV coverage across **80%** of operating sites by 2030



Climate Action

Climate Governance

Zijiang Enterprise integrates climate action into business management under the overall leadership of the General Manager, ensuring close alignment with business development. Through clear division of responsibilities, the Company advances carbon inventory, data management, and low-carbon transition initiatives to support climate risk identification and emissions reduction.

Business units and subsidiaries implement measures suited to their own operations, including emissions identification, data collection, and energy-saving and carbon-reduction actions. Cross-functional coordination helps embed climate management across business units.

Climate Risk Identification

Considering the characteristics of packaging manufacturing, its multi-regional production footprint, and value chain position, Zijiang Enterprise has identified climate-related risks that may affect operations and long-term development, with a focus on transition risks and physical risks.

Transition Risk

Customer decarbonization requirements and changing collaboration models

As downstream customers tighten low-carbon requirements, the Company may face higher expectations in procurement, collaboration, and product design, increasing pressure on material substitution, green design, and process optimization.

Pressure on manufacturing segments during low-carbon transition

Ongoing investment in equipment, technology, and process upgrades may create challenges for cost control and operational efficiency.

Impact of energy transition and higher clean-energy use

A higher share of clean energy may affect production stability to some extent and raise requirements for responding to energy-price volatility.

Supply-chain carbon disclosure requirements

Stronger customer requirements on carbon information disclosure may increase pressure on value-chain suppliers in data transparency and system development, affecting supply-chain coordination and stability.

Impact on products and cost structure under carbon constraints

Some Zijiang Enterprise entities are subject to annual GHG accounting, reporting, verification, and carbon allowance compliance. Tighter allocation rules, carbon price volatility, and stricter emissions controls may increase compliance costs.

Physical Risk

Impact of extreme weather on production continuity

Heatwaves, storms, and typhoons may affect plant operations, employee safety, and production conditions, disrupting continuous production and delivery.

Regional differences in climate-related risks

Different production sites may face different climate risks, requiring more flexible local response measures.

Impact of logistics and external environments

Climate events may affect transport routes and logistics efficiency, influencing raw-material supply and delivery performance.

Higher requirements for adaptation to long-term climate change

Changes in temperature and extreme-weather patterns may require ongoing improvements in plant design, equipment selection, and operations.

Climate Risk Management

The Company has established a climate risk management framework that integrates climate-related requirements into production and energy management, continuously improving its climate response capability. It also extends low-carbon requirements across the value chain to strengthen overall low-carbon development and operational resilience.



Assessment

The Company assesses the potential impact of climate risks on operations and business development in light of industry trends and its own operating conditions, with a focus on the likelihood and severity of such risks.

Response and Management

For the key risks identified, Zijiang Enterprise clarifies management priorities and integrates corresponding measures into daily production, energy management, and supply chain management, with relevant teams responsible for implementation.

Continuous Improvement

The Company continues to track and review the implementation of climate risk response measures and, in light of changes in operating conditions, adjusts and improves them in a timely manner to strengthen overall response capability and operational resilience.

Climate Strategy

During the reporting period, Zijiang Enterprise completed carbon inventories for its manufacturing plants in accordance with the GHG Protocol, covering Scope 1 and Scope 2 emissions and providing the data foundation for subsequent emissions management.

Greenhouse Gas Emissions

Unit: tCO₂e

Emissions Scope	2025	2024	2023
Scope 1 (Direct Emissions)	47,461.27	50,949.15	31,882.31
Scope 2	350,026.25	325,620.37	294,790.95
Scope 1 + Scope 2	397,487.52	376,569.52	326,673.26

The Company provides carbon inventory training through both online and offline formats to continuously strengthen the expertise and practical capabilities of relevant personnel.

Key Metrics

Training Sessions

2

Total Participants

more than **100**

Zijiang Enterprise is steadily advancing the exploration and implementation of carbon reduction targets. Based on the development stage and decarbonization baseline of different business segments, the Paper Packaging Business Unit and Zijiang Color Printing have both obtained SBTi target validation, with targets aligned to global temperature pathways. This reflects the Company's systematic approach to emissions reduction and climate resilience.

Paper Packaging Business Unit: Long-Term and Interim Science-Based Targets

The Paper Packaging Business Unit has established clear GHG reduction targets tailored to its operations and production characteristics, supported by action plans for implementation.

Net-zero target

By 2050

reduce absolute Scope 1 + 2 emissions by **90%**
Scope 3 emissions by **90%**

Near-term target

By 2035

reduce absolute Scope 1 + 2 emissions by **63%**
Scope 3 emissions by **37.5%**

Carbon footprint accounting system



Energy-saving retrofit projects

- ★ Corrugator logistics motor upgrade
- ★ Workshop recirculated air system upgrade
- ★ HVAC duct energy-saving retrofit
- ★ Paper cup machine suction system optimization

Renewable energy

- ★ Accumulated solar PV capacity **9.982 MWp**
- ★ Total power generation **13,592.82 MWh**
- ★ Green certificates retired **9,890 MWh**
- ★ PPA green power purchased **5,549.526 MWh**
- ★ Renewable electricity as a share of total power use **66.81%**
- ★ Carbon reduction benefit **12,194 tCO₂e**

Carbon system certifications

- ★ GHG report preparation
- ★ Carbon neutrality certification
- ★ Carbon footprint certification for three product series

Zijiang Color Printing: Low-Carbon Transition and Emissions Reduction Targets

Zijiang Color Printing has set science-based GHG reduction targets and is advancing low-carbon transition through a series of specific measures.

Near-term target

by 2030

reduce absolute Scope 1 + 2 emissions by **42%**

Scope 3 emissions by **25%**

Carbon management recognition

- ★ Carbon management system certificate
- ★ Demonstration entity for carbon management system implementation
- ★ GHG verification certification
- ★ Product carbon footprint report

Professional capability

- ★ Multiple carbon reduction taskforces
- ★ Carbon management training certificates for the plastics industry
- ★ Carbon management qualification certificates

Energy-saving and carbon-reduction measures

- ★ Clean and low-carbon energy substitution
- ★ Waste heat recovery and cascading energy use
- ★ Energy efficiency improvement and equipment retrofits
- ★ Raw material reduction and circular resource management
- ★ Integration of energy-saving and carbon reduction into daily operations

Energy Management

Zijiang Enterprise continues to implement energy management across business units through energy-saving technical retrofits, process optimization, and expanded renewable energy adoption tailored to regional and operational conditions, reducing reliance on conventional energy. Built on institutional management systems, the Company continues to improve and certify its energy management framework.

Key Metrics

Companies with ISO 50001 energy management certification:

14

Clean energy generation in 2025:

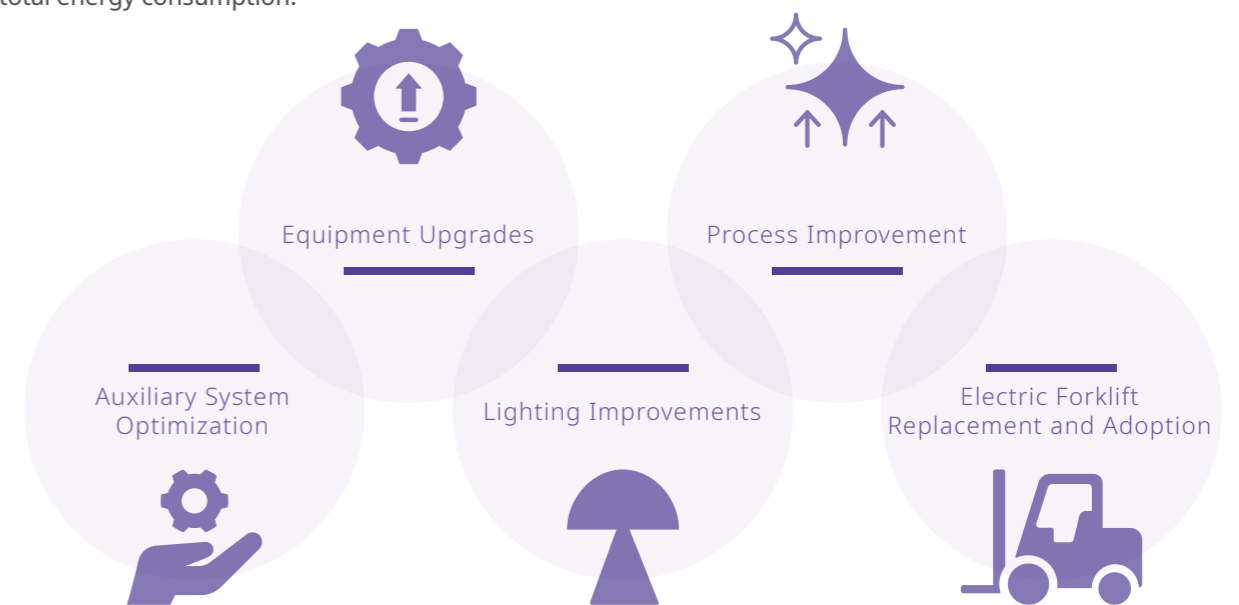
63,736 MWh

Share of non-fossil energy in 2025:

17.36%

Energy-Saving Measures

Energy-saving measures are the foundation of the Company's energy management and emissions reduction efforts. Through equipment upgrades, process improvement, and operational optimization, Zijiang Enterprise embeds energy-saving requirements into daily operations and progressively reduces both energy intensity and total energy consumption.



Equipment Upgrades

Case **Container Packaging Business Unit: Refrigeration efficiency upgrades**

Centralized retrofits of aging refrigeration systems delivered energy savings of up to **45%** in some plants and over **3,920 MWh** in total. Shenyang Zijiang saved **900 MWh**, while Meishan Zijiang reduced energy use by over **15%** through air-compressor pipeline upgrades.

Case **Beverage OEM Business Unit: High-Efficiency Magnetic Bearing Chiller + AI Optimization**

At Guilin Ziquan Beverage, a high-efficiency magnetic bearing chiller, combined with piping optimization, automatic supply-demand matching, and AI-based supply optimization, helped keep plant cooling COP above 5. This delivered about **45%** energy savings and cut annual electricity use by over **1,580 MWh**.




Case **Crown Caps & Labels Business Unit: Heating and equipment efficiency**

Ziquan Label optimized printing-machine heating and introduced waste heat recovery, cutting electricity intensity by about **50%** and saving about **440 MWh** annually.

Ziquan Packaging and Ziquan Label also replaced old motors and pumps, saving about **20 MWh** per year.

Case **ZJMP: Refrigeration and PCW upgrades**

At the Anhui plant, refrigeration and PCW system upgrades reduced pump-room energy use by **45.6%** in phase I and **24.5%** in phase II, with **17 MWh** saved in October versus the first-half monthly average.




Process Improvement

Case **Paper Packaging Business Unit: Multi-point upgrades**

At Zidan Food, workshop air recirculation upgrades cut AC operating time by about **4.5 hours** per day, saving **339 MWh** annually.

At Zidan Packaging Technology, corrugator logistics optimization saved about **1.8 MWh** per year.



Case **Zijiang Color Printing: Solvent-free lamination**

Solvent-free lamination reduced solvent use and VOC emissions while improving efficiency. In 2025, the process saved about **3,000 tons** of steam, about **280 MWh** of electricity, and cut about **3,200 tons** of CO₂.

Auxiliary System Optimization

Case **Paper Packaging Business Unit: Auxiliary system upgrades**

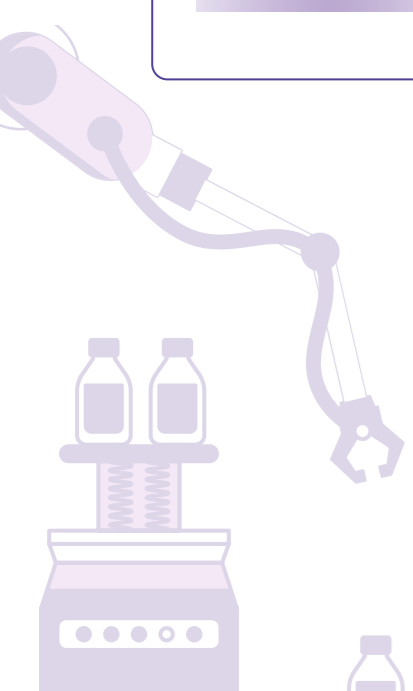
At Hubei Zidan Food, HVAC duct optimization saved **340 MWh** annually.

At Hubei Zidan Packaging Technology, paper-cup machine suction optimization saved **267 MWh** per year.

Lighting System Improvements

Case **Crown Caps & Labels Business Unit: Daylighting improvements**

Shanghai Ziquan Packaging introduced daylighting systems in selected production areas, reducing reliance on artificial lighting during the day and improving the working environment. Estimated annual electricity savings are about **20 MWh**.



Case

ZIRI Packaging: LED lighting upgrades

Guangdong ZIRI replaced traditional lighting with LED fixtures across the plant, reducing annual electricity use by about **1.2 MWh** and corresponding CO₂ emissions by about **0.64 tons**.

Case

ZJMP: Lighting retrofit at the Anhui plant

Lighting retrofit reduced lighting energy use by **17.4%** year on year and **9.5%** quarter on quarter, saving about **2.75 MWh** of electricity.

Electric Forklift Replacement

Case

Container Packaging, Caps & Labels, and ZIRI Packaging: Replacing fuel forklifts with electric models

Over the past two years, the Container Packaging Business Unit phased out 7 fuel forklifts and purchased 35 new-energy electric forklifts.

Crown Caps & Labels Business Unit has continued replacing older internal-combustion forklifts, adding **5** electric forklifts during the reporting period.

ZIRI Packaging also introduced electric forklifts, achieving **75%** lower carbon emissions while improving operating efficiency.

Optimizing Energy Use

Building on continuous energy-saving upgrades, Zijiang Enterprise has structurally optimized its energy mix by introducing renewable energy and reducing dependence on fossil fuels. Through distributed solar and green power procurement, the Company is gradually advancing the green transition of energy use.

Solar Power

Renewable energy deployment is assessed based on feasibility, stability, and alignment with production needs. Zijiang Enterprise ensures effective use of renewable energy under different regional and business conditions while maintaining reliable supply and improving production efficiency.

Year	2021	2022	2023	2024	2025
Solar Panel Area (m ²)	117,300	210,519	291,567	467,333	620,865
Solar Coverage Rate (%)	18.36	31.72	40.51	56.64	72.02

Case

Container Packaging Business Unit: Energy Storage Supports Green Power Use

To improve energy efficiency, optimize the power structure, and strengthen green power capability, the Container Packaging Business Unit built an energy storage station at its South China plant. The project was connected to the grid in June 2025, with an installed scale of **1.15 MW / 2.33 MWh**, making it Zijiang Enterprise's first self-built energy storage station.

Based on the plant's existing energy management foundation, the system coordinates storage with electricity load to create a dynamic peak-shaving and valley-filling model. Electricity is stored during off-peak periods and released during peak periods, reducing peak power demand and electricity costs while improving grid stability.



Digital Energy Management

Zijiang Enterprise combines energy management with digital platforms by building and continuously improving energy dashboards. Through real-time monitoring and analysis of energy consumption data, the Company optimizes resource allocation and improves energy efficiency.



Group Platform: Container Packaging Energy Overview



Group Platform: Beverage OEM Energy Overview



Group Platform: Caps & Labels Energy Overview



Paper Packaging Business Unit Energy Management Platform



ZIRI Packaging Energy Management Platform



ZJMP Energy Management Platform

Low-Carbon Value Chain

Zijiang Enterprise extends low-carbon transition from its own operations to every stage of the value chain. By working with value chain partners, it is promoting the systematic implementation of low-carbon principles across the value chain.

Green Logistics

In advancing its low-carbon value chain, Zijiang Enterprise works closely with suppliers and customers to gradually promote the circular use of packaging materials and lower-carbon logistics.

Case

Crown Caps & Labels Business Unit: Reducing outer packaging through structural optimization

Outer packaging upgrades improved carton loading efficiency. In 2025, carton use per case fell by **14 kg**; 2,434 large cartons were used, reducing paper consumption by **7.25 tons** and carbon emissions by **7.32 tCO₂e**.

The business unit also implemented multiple circular logistics models, including self-purchased pallets + regular recovery and customer-provided pallets + regular recovery, reducing one-time pallet use and improving pallet turnover efficiency. In 2025, it recovered **2,810** plastic pallets.




Case

Zijiang Color Printing: Circular packaging and reuse

Zijiang Color Printing promotes green procurement and works with suppliers and customers to recover and reuse pallets, wooden boxes, and plywood packaging materials. In 2025, the Company internally recovered and reused **83,900** auxiliary items and, together with customers and suppliers, recovered and reused **23,400** additional items.

Case

ZJMP and Zidong Nylon: Pallet recovery

ZJMP recovered **6,515** raw paper pallets and **1,171** semi-finished product pallets, totaling **7,686** pallets

Zidong Nylon reused **3,745** recovered pallets, further promoting circular use of packaging materials and resource savings.

Case

ZIRI Packaging: Reverse logistics and circular recovery

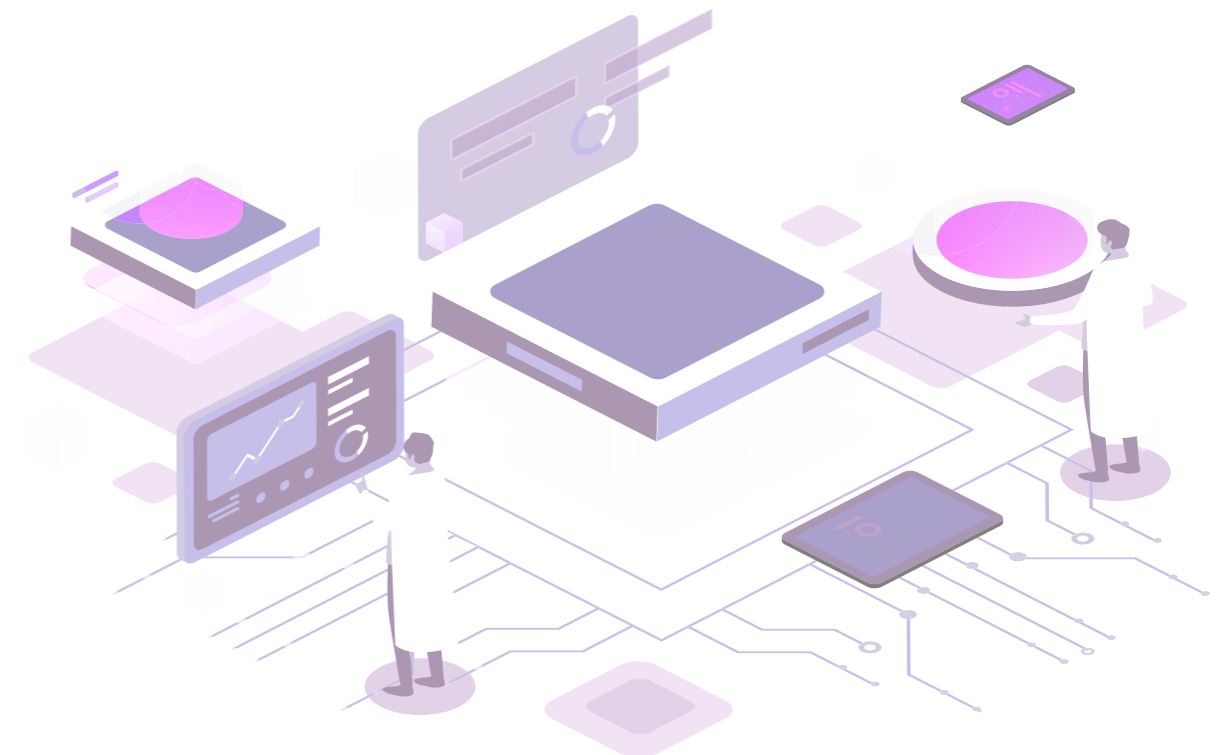
At Shenyang ZIRI, carton packaging was replaced with reusable iron cages, reducing carton use by about **14,000** units; the cages can be reused for five years. Plastic pallets also replaced wooden pallets.

Sichuan ZIRI established a reverse logistics system for the recovery and reuse of iron cages, pallets, and cartons.

Case

Zidong Nylon: Green logistics and transportation

The Company introduced electric transport vehicles to reduce carbon emissions during transportation. By optimizing warehouse layout and implementing smart dispatch systems, Zidong Nylon significantly reduced empty-load rates, improved transport efficiency, and further reduced energy use and environmental impact.



Innovative Packaging Solutions

38 Sustainable Products

Zijiang Enterprise advances packaging transformation through circular innovation, promoting a shift from a linear model to a more sustainable circular model. The Company continues R&D and application in recyclability, reusability, lightweighting, and material reduction, embedding green principles into product design, production, and use to improve both environmental and operational performance.

ESG Strategic Targets

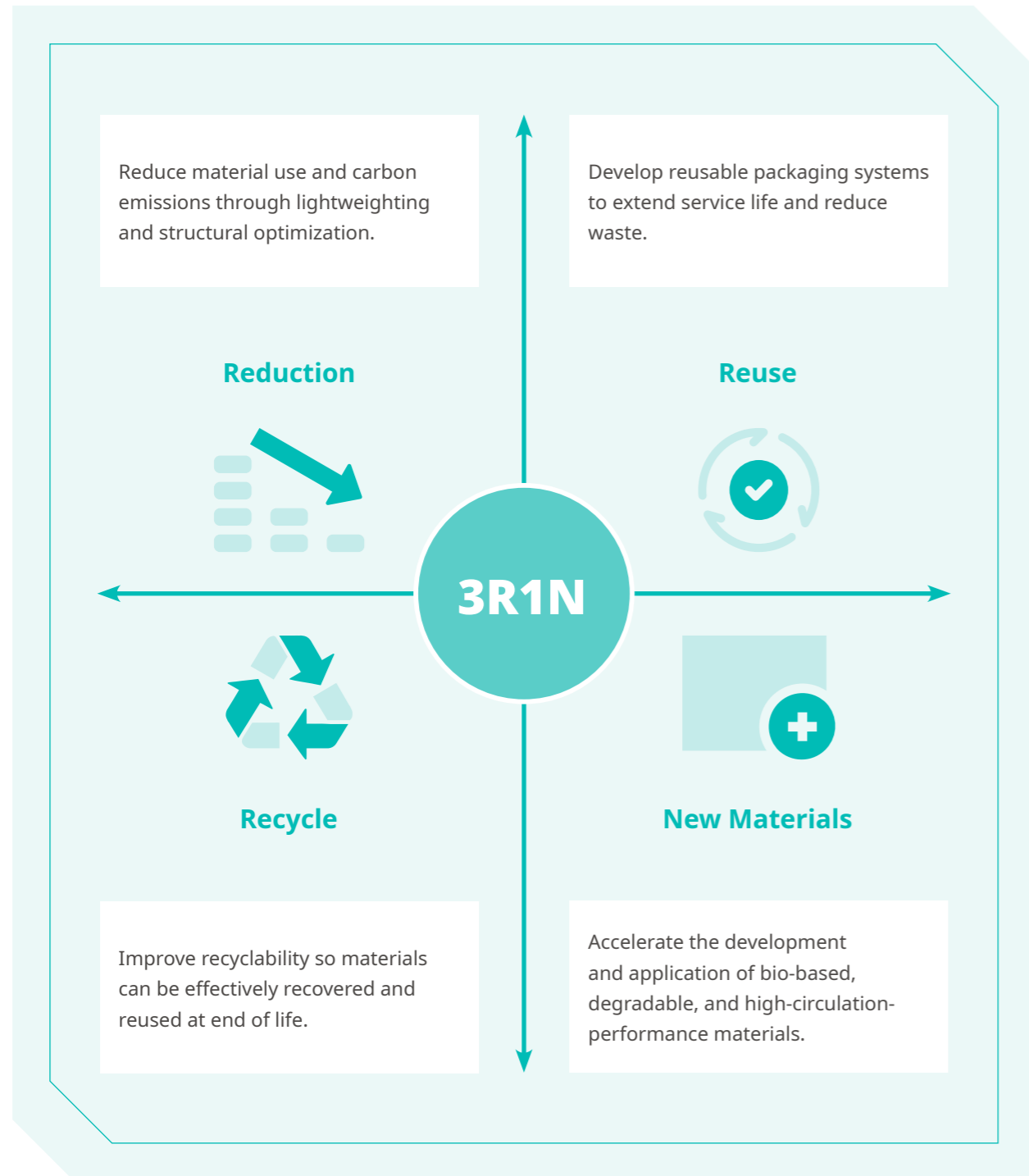
Achieve recyclable design capability for **90%** of newly developed products by 2030

Establish a green materials and circular packaging innovation platform to co-develop low-carbon packaging solutions with key customers



Sustainable Products

Zijiang Enterprise uses Reduction, Reuse, Recycle, and New Materials as the core framework for sustainable packaging innovation. By combining green principles with technological innovation, the Company continues to improve the sustainability of its packaging products.



Case

Zero-Waste Circular Action

In partnership with Leju Technology, Zijiang Enterprise launched an employee recycling platform with collection equipment in offices and plants. Collected bottles, plastics, paper, and metals enter a standardized recycling system and are sent to recycling plants for conversion into green materials.

The Company has deployed **8** empty-bottle recycling machines and smart recycling bins. In 2025, it recovered about **33,220** empty bottles and cans, weighing **956.21 kg**, along with **906.2 kg** of paper and metals, delivering total carbon reduction of about **2,500 kg**.



Container Packaging Business Unit
Factory Recycling Equipment



Crown Caps & Labels Business Unit
Factory Recycling Equipment



Paper Packaging Business Unit
Factory Recycling Equipment



Zijiang Color Printing Factory
Recycling Equipment



ZJMP Factory Recycling Equipment



Zidong Nylon Factory Recycling
Equipment

Reduction

Zijiang Enterprise systematically optimizes packaging structures and material configurations through coordinated improvements in process design and manufacturing, reducing material use while maintaining performance and safety.

Case

Container Packaging Business Unit: Lightweight bottle neck and preform design

For carbonated beverage customers, the bottle neck was light-weighted by **1.02 g per unit**, cutting PET use by about **5,100 tons** based on output of **5 billion** preforms.

For a functional water preform, weight was reduced from 7.23 g to **5.58 g**; every 2 billion units save about **3,300 tons** of PET.

A customer's 1L energy-drink bottle was redesigned from a 37 g copied preform to a **35 g** new preform, with interchangeable mold-core components enabling adaptation to multiple bottle types and further lightweighting.

Case

Crown Caps & Labels Business Unit: Raw material reduction

Film thickness was reduced from 0.045 mm to 0.04 mm, lowering film consumption by 11% year on year at equivalent output. In 2025, **355 tons** of thinner film were applied.

Tinplate thickness for crown caps was reduced from 0.23 mm to **0.20 mm**; output of 1 billion caps saves **260 tons** of tinplate and cuts carbon emissions by about **819 tons**.



Case

ZIRI Packaging: Lightweight products and lower material use through standard-operation improvement

At Sichuan ZIRI, cap weight was reduced from 1.91 g to **1.88 g** through mold optimization. Reduced sterilization frequency in the aseptic workshop also cut annual cap use by about **29.95 million** units, corresponding to about **65 tons** less material consumption.

Case

ZJMP: Transfer base-film reduction project

ZJMP launched a project to replace 14.3 μm PET transfer base film with **12 μm** PET. Through optimized coating and embossing and staged validation from pilot to mass production, the project replaced **300,000 meters** of base film and reduced CO₂ emissions by about **3 tons**.

Case

Zihua Technology: Ultra-light breathable film

Zihua Technology developed ultra-light breathable blown film, reducing the basis weight of diaper and sanitary-pants backsheet film from 14 gsm and 15 gsm to **8 gsm** and **10 gsm**, equivalent to overall reductions of about **43%** and **33%**.



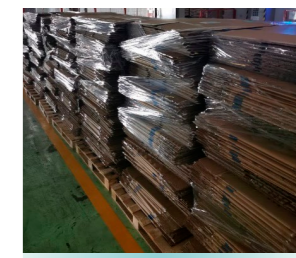
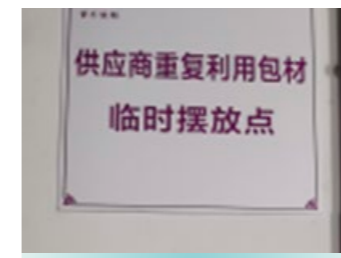
Reuse

Zijiang Enterprise improves the way packaging and auxiliary materials are used in production and logistics by promoting repeated use and circular turnover. Without changing material properties or performance, the Company extends service life, reduces single-use consumption and waste, and improves overall operating efficiency.

Case

Beverage OEM Business Unit: Reuse of packaging and logistics materials

Nanjing Zile promotes the repeated use of label cores, cap cartons, wooden pallets, and carton cover boards. The plant has reused about **25,000** label cores, **51,000** cap cartons, and **1,200** wooden pallets, with a combined weight of about **82.59 tons**. It also promoted the reuse of wooden cover boards by external suppliers, with cumulative weight of about **168.59 tons**.



Case

ZIRI Packaging: Reuse of plastic turnover boxes

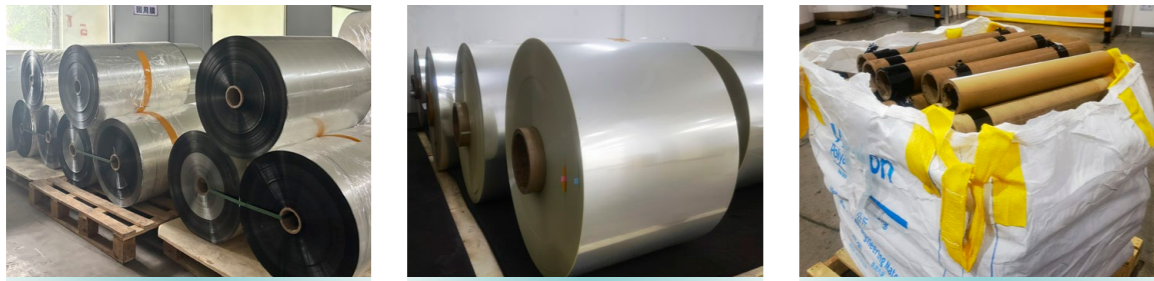
Guangdong ZIRI uses plastic turnover boxes to deliver materials to production lines, reducing discarded cartons and liner bags. Semi-finished products are transferred on reusable plastic pallets, reducing wood-board loss and contamination risk from wooden boards.



Case

ZJMP: Reuse of production auxiliaries

ZJMP reuses 3-inch paper cores internally instead of buying new ones. Recovered cores are processed through trimming, dust removal, and sorting to ensure reuse quality and efficiency. During the reporting period, more than **4,700** paper cores were recovered and reused.



Case

Zihua Technology: Closed-loop solvent recovery and reuse

Zihua Technology applies waste-solvent distillation and regeneration to build a closed-loop “generation-recovery-reuse” system. In 2025, the waste-solvent recovery rate reached **90%**, improving resource reuse while reducing hazardous-waste disposal costs and solvent procurement needs.

Recycle

Zijiang Enterprise continues to improve material-use efficiency through closed-loop production management. By recovering and reusing plastic scraps and other offcuts, the Company reduces reliance on virgin resources and better controls waste generation. In recycled PET applications, recovered plastics are converted into recycled materials that meet quality and stability requirements and are then reintroduced into production, making the “recovery-regeneration-reapplication” path more controllable and scalable.

Case

Crown Caps & Labels Business Unit: rPETG labels and cPETG recyclable labels

The Company applies rPETG shrink labels containing recycled PET. While maintaining performance similar to conventional PETG labels, the material includes more than **30%** post-consumer recycled PET, reducing virgin plastic use. Annual use of recycled PET raw material exceeds **200 tons**.

The Company also promotes cPETG recyclable shrink labels, which can be recycled together with PET bottles, improving overall packaging recyclability. Annual use exceeds **16 tons**.

Case

ZJMP: Reusable film recycling project

ZJMP established a reuse process for PET release base film generated during production, reapplying stripped PET base film in regular production. Through closed-loop management, cumulative regenerated film volume reached **5.7 million m²**.

Case

Zihua Technology: 100% recycling and reuse of cast breathable-film edge trim

Zihua Technology optimized slitting and unwinding processes so edge trim can be collected online and reused in production, achieving **100%** reuse of trim material and reducing trim loss by about **4%**.



New Materials

Zijiang Enterprise introduces lower-impact new materials in practical application scenarios. Focusing on areas such as soybean-oil ink and bio-based materials, the Company continues R&D-led exploration to expand sustainable packaging options while balancing performance, compatibility, and sustainability.

Case

Paper Packaging Business Unit: Coated paper bags replacing non-woven bags

Zidan Food independently developed coated paper bags using environmentally friendly coatings and kraft paper. The bags offer strength close to non-woven bags, are repulpable and degradable, and can effectively reduce environmental burden.



Case

Zijiang Color Printing: Expanded application of all-polyolefin structures

The Company expanded the application of all-polyolefin structures, and two products obtained design evaluation for easy recycling and regeneration of plastic products.

Dishwasher-tablet pouches and laundry-pod pouches supplied to multinational consumer-goods customers in Europe use mono-material laminates, improving recycling value and secondary-use potential while meeting packaging performance requirements.



Case

ZJMP: Plastic-free high-barrier food packaging materials

ZJMP developed and applied plastic-free high-barrier food packaging materials based mainly on paper and directly recyclable through existing papermaking processes. The product's overall carbon footprint fell by about **55%** and it is expected to reduce annual use of plastic by about **120 tons** and aluminum foil by about **40 tons**.



Case

Shandong NewOpt: Alkali-resistant water-soluble film

To meet customer demand for improved alkaline performance in dishwasher and laundry pods, the Company developed alkali-resistant film with good water solubility and aging resistance in alkaline environments. The product has already been exported in volume to overseas markets.



Journey with Community

- 48 Industry Development
- 51 Community Engagement
- 53 Philanthropy

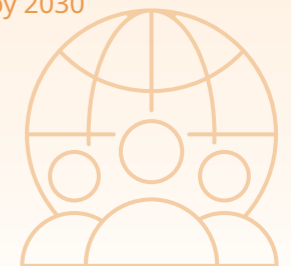
Building on prudent operations, Zijiang Enterprise continues exploring pathways for shared value creation with society. Through industry collaboration, community engagement, and philanthropy, the Company connects its capabilities with social needs and extends the value of its development to a broader social context.

ESG Strategic Targets

Reach **10,000** cumulative employee volunteer hours by 2030

Establish a public-interest project evaluation mechanism to shift from donation-based support to impact-driven value creation

Strengthen integration between Shanghai Zijiang Foundation and the business to support broader industry ecosystem development



Industry Development

Zijiang Enterprise contributes to industry development through standards research, industry exchange, and industry-academia-research collaboration. By sharing practical experience in technology, product application, and operations with industry organizations, customers, and research institutions, the Company helps build consensus and strengthen capabilities on key issues such as safety, quality, and sustainability.

Business Unit / Subsidiary	Standard No.	Standard Title
Shanghai Ziquan Label	20240305-T-607	General Technical Requirements for PETG Film
Shanghai Ziquan Packaging	20241946-T-607	General Quality Requirements for Ring-Pull Caps for Beer and Beverages
Shanghai Zidan Food	GB/T 17934.6-2025	Graphic Technology — Process Control for the Production of Halftone Colour Separations, Proofs and Prints — Part 6: Flexographic Printing
Anhui Zijiang Composite	GB/T 45453-2025	Tamper Verification Features for Pharmaceutical Packaging
Zijiang Color Printing	T/CPF 0095-2025	Uniaxially Oriented Co-Extruded Polyethylene Film for Packaging
Zijiang Color Printing	T/CPF 0096-2025	Mono-Material Uniaxially Oriented Polyethylene Laminated Film and Pouches for Packaging

Case

SJTU SAIF-Zijiang Lecture Series: New Materials and Sustainable Futures

Company executives took part in the SJTU SAIF-Zijiang Lecture Series under the theme New Materials Forging a Sustainable Future. Together with industry experts, they shared frontline insights on new-material development, industrial opportunities, and challenges, contributing to knowledge exchange and technical collaboration across the industry.



Case

Carbon Talk: "Path to Net Zero" Forum

As a participant in the value chain, Zijiang Enterprise attended the launch of a strategic customer's climate action white paper. The General Manager joined the Carbon Talk: Path to Net Zero forum and discussed green practices across the value chain from farm to table.



Case

SJTU SAIF-Zijiang Lecture Series at the China International Import Expo

The Deputy General Manager and Board Secretary joined a roundtable on Corporate Strategies and Practices in Responding to International Carbon Constraints, sharing views on business response and decarbonization practice under evolving global carbon requirements.



Case

Crown Caps & Labels Business Unit: Participation in drafting a ring-pull-cap industry standard

Working with the National Technical Committee for Standardization of Food Contact Materials and Articles, the business unit participated in drafting the General Quality Requirements for Ring-Pull Caps for Beer and Beverages, carrying out technical research on quality requirements for top-pull and side-pull ring caps.

Case

Zijiang Color Printing: Industry exchange to promote sustainable packaging consensus

Zijiang Color Printing participated in exchanges organized by the China Packaging Federation, the Plastics Industry Association, and Guangdong Packaging Association, discussing circular economy, food packaging safety, and low-carbon development while integrating these concepts into products and solutions.



Case

Zidong Nylon: Local substitution R&D in cooperation with a chemical group

Zidong Nylon worked with relevant business units of a leading global chemical group on a localization R&D project for additives. The project has completed multiple rounds of testing and delivered phased progress in exploring local application of related materials in film products.

Community Engagement

Zijiang Enterprise values the link between business development, the community environment, and social responsibility. Based on local operating realities, the Company continues community programs and volunteer activities, encouraging employees to participate in environmental protection and community service and supporting local environmental improvement and sustainable development.

Case

Future Teacher Impact Program for Rural Education

In partnership with Shanghai Zijiang Foundation and leveraging university resources, the Company launched the Future Teacher Impact Program to support rural education and youth development. In the summer of 2025, multiple teams carried out activities across several provinces and cities, providing diverse educational support through community innovation courses, student summer camps, cloud-based classes, and cultural outreach.

The program introduced social-emotional learning tracking and mentor guidance, supporting rural education while strengthening participants' teaching practice and overall capabilities. Through dedicated scholarships and role-model outreach, it also encouraged greater youth participation and expanded program impact. Integrated with the Future Teacher training framework, the program further promoted themed practice activities and teaching competitions focused on adolescent mental health and social-emotional development, building a long-term mechanism that links public-interest action with education development and provides sustained talent and educational support for rural revitalization.

Case

"Finding the Great You" Rural Children Growth Program

Working with the Shanghai Zijiang Foundation and social organizations, Zijiang Enterprise carried out the Finding the Great You program for rural children in places including Yuxi, Yunnan. The program helped urban and rural children improve expression and social awareness through real interaction. Volunteer participation, learning-equipment donations, and continued support also helped improve local learning conditions and children's confidence.

Case

Container Packaging Business Unit: Planting trees for a greener community

Luohe Zijiang joined a Tree-Planting Day public-welfare activity organized by Swire Coca-Cola. Employees carried out tree planting and litter clean-up around the site, contributing to local environmental improvement through hands-on community action.



Case

Paper Packaging Business Unit: "Little Orange Lamp" Public Reading Program

The business unit joined the Little Orange Lamp reading initiative organized by the Zizhu Youth League Committee. Volunteers regularly read picture books to primary-school students at a school for migrant workers' children, supporting reading habits and learning development through sustained reading companionship.



Case

Zijiang Int'l Trade: Bottle Recycling Initiative for Urban Greening

Zijiang International Trade launched a bottle recycling initiative by placing collection bins in office areas and using the proceeds to sponsor trees in Shanghai Gongqing Forest Park. Under the theme Finish the Last Drop, Leave Green for the Earth, the initiative turned everyday recycling into practical urban greening action.



Philanthropy

Guided by the belief that what comes from society should return to society, Zijiang Enterprise treats public welfare and philanthropy as an important part of sustainable development. Working closely with the Shanghai Zijiang Foundation, the Company systematically carries out projects in community care, youth development, rural revitalization, and post-disaster relief, sharing development outcomes with society and fulfilling its responsibilities as a corporate citizen.

Key Metric

Zijiang Enterprise charitable donations:
RMB 3.09 million

Case

"New Green Youth Talent Development Program"

Together with the Shanghai Zijiang Foundation and the Zizhu High-Tech Zone, Zijiang Enterprise participated in the New Green Youth Talent Development Program. The program provided green-career training and practical opportunities to 46 university students, helping strengthen professional skills and cultivate talent for green industries.



Case

Huajiao Village infrastructure restoration for rural revitalization

Zijiang Enterprise supported infrastructure improvement in Huajiao Village, Yunnan. The project completed about 1,000 m of drainage-ditch repair, about 50 cu m of concrete pouring, about 150 m of reinforced cover slabs, about 20 m of gravel bedding (4 cu m), and about 10 cu m of backfilling, effectively improving drainage conditions and infrastructure stability in the village.

Case

Earthquake relief for Dingri County, Tibet

After the earthquake in Dingri County, Shigatse, Tibet, Zijiang Enterprise and the Shanghai Zijiang Foundation made an immediate donation to support emergency rescue, temporary settlement, and post-disaster recovery and reconstruction. Coordinated through the Shanghai Office for Cooperation and Exchange, the donation helped ensure efficient and transparent use of funds in support of affected communities.

Integrated Resource Efficiency

- 56 Environmental Management
- 61 Resource Efficiency



Environmental management and resource efficiency are essential to Zijiang Enterprise's prudent operations. The Company advances both environmental risk control and efficient resource use by strengthening management systems, optimizing pollution control, and improving resource-use practices across operations, supporting a more intensive, efficient, and sustainable operating model.

Key Metrics

Companies with ISO 14001 certification: **22**

National Green Factories: **4**

Shanghai Zijiang Enterprise Group Co., Ltd.
Shanghai Ziquan Beverage Industry Co., Ltd.

Guilin Ziquan Beverage Industry Co., Ltd.

Anhui Zijiang Metallization Environmental Protection Material Co., Ltd.

Provincial Green Factories: **9**

Shenyang Zijiang Packaging Co., Ltd. Shenyang Ziquan Beverage Industry Co., Ltd. Shanghai Zijiang Color Printing Co., Ltd.
Hubei Zidan Packaging Technology Co., Ltd. Yichang Ziquan Beverage Industry Co., Ltd. Shenyang ZIRI Packaging Co., Ltd.
Nanjing Zile Beverage Industry Co., Ltd. Shaanxi Ziquan Beverage Industry Co., Ltd. Shanghai ZIRI Packaging Co., Ltd.



ESG Strategic Targets

Reduce water consumption per unit of output by **10%** by 2030 compared with 2025

Achieve an **85%** recycling rate for production waste by 2030

Increase the utilization rate of raw materials per unit of output by **5%** by 2030



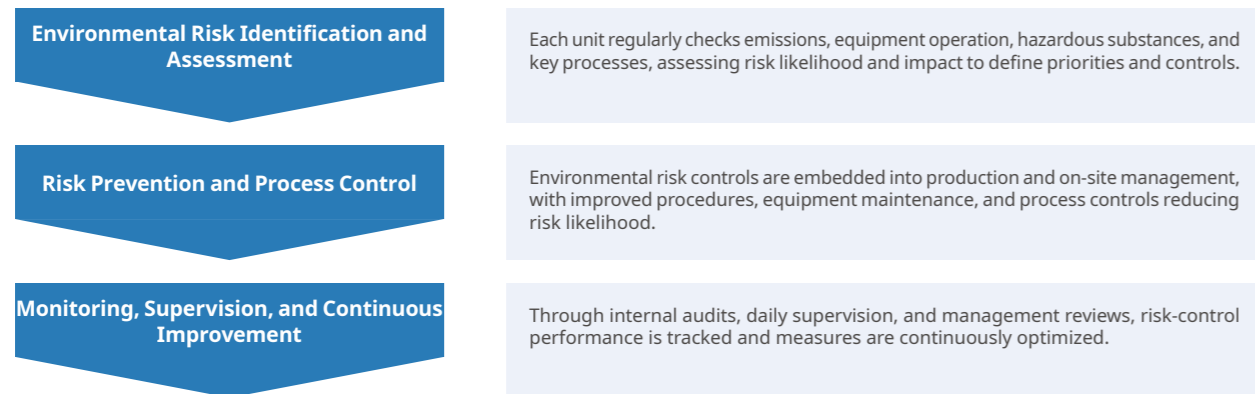
Environmental Management

Through the Zijiang Enterprise EHS Management Manual and the Zijiang EHS Management Evaluation System, the Company has clarified management requirements, standardized evaluation criteria, and strengthened process oversight, continuously improving the consistency and effectiveness of environmental management.

Headquarters is responsible for overall system design and continuous improvement, identifying key environmental management priorities for each business unit based on regulatory requirements and industry practice, and providing management guidance and tools. Through a unified evaluation mechanism, headquarters regularly reviews environmental performance across subsidiaries to ensure consistent implementation.

Environmental Risk Identification

Under group-wide requirements, subsidiaries establish environmental management mechanisms tailored to their own operations and assign responsibilities to specific roles and day-to-day activities. Through internal audits, risk assessments, compliance checks, and performance review, environmental execution is continuously monitored and reinforced. During the reporting period, neither Zijiang Enterprise nor its subsidiaries recorded any environmental violations.



Environmental Emergency Management

Zijiang Enterprise has established an environmental emergency response system covering prevention, response, and follow-up improvement. Emergency plans for potential environmental incidents are continuously refined, with response procedures and responsibilities clearly defined to ensure rapid and effective action.

The Company also conducts regular drills and cross-factory inspections to test preparedness and improve coordination, reducing potential operational and environmental impacts.

Case Beverage OEM Business Unit: Hazardous chemical spill drill

Nanjing Zile conducted a dedicated emergency drill for a nitric acid leak, improving response efficiency and strengthening compliance awareness across departments.

Management of Air, Water and Waste

Air Emissions Management

Zijiang Enterprise continues to improve the management of air emissions through a combination of source control and end-of-pipe treatment. Through standardized operations and equipment maintenance, the Company ensures stable compliance and continues to reduce emissions through process optimization and technology upgrades.

Case Crown Caps & Labels Business Unit: UV varnish process substitution

Traditional solvent-based varnish was replaced with UV varnish, reducing both high-temperature curing and solvent use. The upgrade cut energy use and reduced VOC generation by about **96.4 tons** annually.

Case Zijiang Color Printing: Source substitution for VOCs reduction

Low-VOCs inks replaced high-VOCs inks to reduce pollutant generation at source. In 2025, older VOCs treatment facilities were also upgraded with new zeolite wheels to improve adsorption and desorption efficiency.

Case Zihua Technology: RTO upgrade for stronger exhaust treatment

A new-generation RTO system was installed to upgrade the original exhaust treatment system, increasing treatment capacity by about **1.5 times**.

Case ZJMP: Water-based coatings to reduce VOCs

Water-based coatings replaced traditional solvent-based coatings in production. Treatment efficiency remained above **99%**. During the reporting period, about **50 tons** of water-based coatings were used, reducing VOC emissions by over **20 tons**.

Wastewater Management

Production and domestic wastewater are collected separately and treated in a standardized manner. Zijiang Enterprise ensures compliant discharge while improving the stability and efficiency of wastewater treatment systems.



Solid Waste Management

Zijiang Enterprise has established a solid waste management system. The Company strengthens the management of both general and hazardous waste while continuing to promote waste reduction and recycling under compliant disposal practices.

Key Metrics

Three-Star Zero Waste to Landfill Management System Certification

Shanghai Ziquan Beverage Industry Co., Ltd.

Nanjing Zile Beverage Industry Co., Ltd.

Case

Zijiang Color Printing: Reduced waste adhesive and standardized disposal

The Anhui composite plant introduced explosion-proof cold storage for residual adhesive to reduce spoilage. During the reporting period, only **18.6 kg** of waste adhesive was declared for disposal, down about **96%** from **451.81 kg** in 2024.



Case

ZJMP: "Zero-Waste Factory" practice

Anhui ZJMP systematically advanced zero-waste-factory practices. As a result, hazardous waste at source was reduced by about **41%**, and the resource utilization rate of solid waste increased to **21%**.

Case

ZIRI Packaging: Hydraulic oil filtration and reuse to reduce waste oil

Guangdong ZIRI introduced a hydraulic oil filtration unit to recycle used oil from 48-cavity equipment. The measure reduces new oil input by about **840 liters** per year and lowers waste oil discharge.



Case

Zidong Nylon: Precise hazardous-waste management

A full-lifecycle traceability ledger was established for hazardous waste, covering generation, classification, collection, transfer, transport, and final disposal.

The Company also adopted a one-item-one-code model, assigning a unique QR code to each batch or category of hazardous waste and linking it to data such as source, storage location, and handling requirements, enabling more precise and digitalized storage management.

Zihua Technology: Upgraded hazardous-waste containers

Iron pails previously used in printing were replaced with reusable IBC containers, reducing hazardous-waste disposal volume by about **35%** through more standardized and recyclable packaging containers.




● Noise Management

Zijiang Enterprise continues to reduce the environmental impact of operational noise through a combination of source control, operating optimization, and facility upgrades.

Case Beverage OEM (Shenyang plant): Noise control and environmental impact reduction

- Source control: The high-noise water-tower equipment near residential areas was shut down, and silencers were added to cooling fans outside the power room.
- Operating optimization: Variable-frequency drives were added to air compressors to reduce frequent starts and stops and lower noise during operation.
- Facility upgrades: Sound insulation was added to cooling towers, including soundproof panels and improved enclosure sealing.

- Results: After the upgrade, daytime noise was controlled below **55 dB** and nighttime noise below **50 dB**, well better than the applicable standard.



Case Zijiang Color Printing: RTO fan noise control retrofit

At the Anhui composite plant, localized protection and soundproofing were added to the incineration-unit fan, reducing noise to below **60 dB**.

Resource Efficiency


Zijiang Enterprise continues to improve the refined management of water, raw materials, and auxiliary resources across the full use cycle. By optimizing processes, strengthening process control, and improving circular use, the Company reduces resource intensity and promotes a more intensive and efficient operating model.

Water Resource Utilization

Water management is advanced in line with process needs and regional water conditions. Through optimized water-use structures, higher recirculation rates, and stronger process control, Zijiang Enterprise reduces water intensity per unit of output and improves overall water-use efficiency.

Case Container Packaging Business Unit: Cooling-system upgrade for water efficiency

The original open cooling system was upgraded to a closed-loop recirculation model, with optimized cooling-water operation. The upgrade improved cooling-water efficiency while reducing both water consumption and wastewater discharge.



Case Beverage OEM Business Unit: Multi-point water-efficiency improvements

Tiered water-use management was introduced in the hot-fill bottle-rinsing process, saving about **26,726 tons** of water annually. Self-cleaning filters were also installed, saving about **2,494 tons** of water per system each year. In addition, backwash-water recovery improved production-water recirculation, saving about **1,247 tons** per system annually.

Case Zijiang Color Printing: Variable-frequency retrofit for process-water systems

Variable-frequency drives were installed on process-water pumps to match pump speed, flow, and head more precisely with process needs, reducing throttling losses and improving both water-use efficiency and system stability.

Case ZIRI Packaging: Condensate recovery and reuse

Guangdong ZIRI recovers condensate from air-conditioning systems and reuses it in production and auxiliary water-use processes, reducing freshwater demand. The measure saves about **120 tons of water annually**.



Advanced Manufacturing

- 64 Product Quality
- 65 R&D and Innovation
- 67 Customer Collaboration
- 73 Lean Operations

Through product quality management, R&D, and lean manufacturing, Zijiang Enterprise continues to build stable, scalable, and sustainable manufacturing capability to support the delivery of innovative packaging solutions. Advanced manufacturing is not only about efficiency, but also about quality consistency, technical replicability, and operational resilience.

ESG Strategic Targets

Achieve real-time collection of key production data across **70%** of production lines by 2030

Increase the amount of recognition and incentive awards for technological innovation by **20%** over 2025 levels by 2030



Product Quality

By continuously strengthening management systems, improving production processes, and advancing lean manufacturing, Zijiang Enterprise continues to enhance product performance and delivery reliability while aligning quality management with sustainable development.

Quality Management System

Zijiang Enterprise has established a product quality management system covering raw materials, manufacturing processes, and delivery outcomes. Through a unified quality framework and key control requirements, the Company improves process consistency, strengthens control over critical processes, enhances quality-data tracking, and closes the loop on quality issues to reduce production variability.

The Company also continues to digitalize and smarten quality management. By embedding quality control requirements into design, procurement, production, inspection, and delivery, and by enabling real-time collection of critical parameters and closed-loop process monitoring, Zijiang Enterprise improves accuracy and responsiveness, reduces defect risk, and enhances product consistency and delivery reliability.

Case

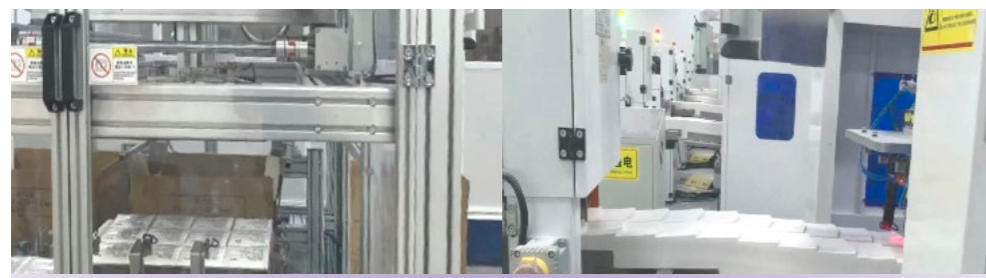
Container Packaging Business Unit: Quality culture and capability building

Quality culture campaigns were launched across East and Central China. The initiatives strengthened quality awareness and problem-solving capability across both management teams and frontline employees.



Paper Packaging Business Unit: Automation upgrades to strengthen manufacturing capability

Hubei Zidan Food introduced a fully automated tissue production line and carried out a systematic upgrade of traditional packaging processes. By replacing manual operations with automated equipment, the business achieved more continuous and standardized packaging processes, reducing manual intervention while improving operational stability and consistency. Through standardized control and automated operation, Hubei Zidan Food effectively reduced human error and strengthened finished-product quality assurance.



Case

Beverage OEM Business Unit: Error-proofing system for ingredient dosing

A barcode-based material identification system was introduced to improve material accuracy and full-process traceability across warehousing, weighing, and feeding. Automated verification, color alerts, and audio-visual alarms help reduce manual errors and support standardized formula execution.



ZIRI Packaging: Four-site integrated quality management

ZIRI Packaging advanced a quality integration plan across four sites under the principles of resource integration, information sharing, unified systems, and regional collaboration. Standardized quality workflows and themed quality-culture activities were rolled out simultaneously across the four factories.



R&D and Innovation

Zijiang Enterprise takes technology innovation as a key growth driver. Through industry-academia-research collaboration, expert workstations, and multiple innovation platforms, the Company accelerates the industrial application of R&D outcomes. Continuous innovation has supported better product-market fit, higher production efficiency, and improved raw-material use.

Key Metrics

R&D investment:
RMB 344 million

New patents granted in 2025:
142

New invention patents granted in 2025:
13

Total granted patents:
1,502

Total invention patents granted:
150

Total national high-tech enterprise certifications obtained: **27**

Strengthening Technology R&D

Zijiang Enterprise continues to increase R&D investment to enhance advanced manufacturing capability through product development and process innovation. Focusing on packaging materials, structural design, and process optimization, the Company keeps upgrading products and technologies to improve performance, efficiency, and application adaptability.

Case **Container Packaging Business Unit: Preform design optimization**

By redesigning the preform structure, the weight of a 900 ml tea-drink preform was reduced from 50 g to **48 g**. Mold-component upgrades shortened development time by about 50% and reduced mold investment to about **25%** of a full cold-half mold set.

Case **Container Packaging Business Unit: Co-developing customized bottle solutions with customers**

New developments included a 1.0 L condiment bottle without handle, a 1.33 L rear-handle bottle, and a 666 ml hot-fill tea bottle. By combining bottle-structure design with existing mold resources, the business unit accelerated validation and shortened product launch cycles.

Case **Beverage OEM Business Unit: Formula innovation for plant-based and functional drinks**

The business unit continued formula and processing R&D. It developed six naturally flavored coix-seed water products by identifying and suppressing volatile off-notes, and also developed a low-allergen refreshing dairy drink after screening low-sensitivity strains and filing one invention patent.

Process adjustments also extended stable production from 24h to 72h, improving product appearance.

Case **Zijiang Color Printing: Patent commercialization to support innovation**

Several utility-model patents, including a method for improving ink filtration, a slitting-knife device and slitting machine, and a film tensile-strength test fixture, have been applied in production. Other patented solutions have entered pilot-scale trials for new products.

Case **Ziyan Alloy: Precision-alloy product R&D and industrial application**

Ziyan Alloy continued R&D and innovation in precision-alloy products. In 2025, the Company promoted the development of several products for medical and industrial equipment and expanded into new customers and application areas.

Customer Collaboration

Zijiang Enterprise treats customer needs as a key input for both R&D and manufacturing innovation. By staying close to application scenarios and user feedback, the Company continues to improve products and services. Recognition from customers validated Zijiang's capabilities in product performance and service reliability.

Key Metric

Subsidiary CSR audits passed by customers: **26**

Case **Packaging Innovation Day ESG sharing**

The General Manager and Deputy General Manager / Board Secretary attended a 2025 Packaging Innovation Day, sharing Zijiang's latest sustainable packaging solutions, including lightweight bottle-cap and neck design, preform and bottle-modeling analysis, and environmental-benefit labeling.

Case **Container Packaging Business Unit: Expanding "packaging manufacturing services" for strategic customers**

Leveraging its self-developed intelligent management platform and specialized teams, the business unit has continued to earn the operational trust of strategic customers. It has secured long-term outsourced operation of preform centers for multiple bottling plants of COFCO Coca-Cola and Swire Coca-Cola, as well as supporting cooperation for several additional preform centers. This further validates Zijiang Enterprise's large-scale manufacturing capability, operational stability, and quality assurance system in the PET preform business, while elevating its level of collaboration with strategic customers.

Case **Crown Caps & Labels Business Unit: Supplier conference collaboration with customers**

Shanghai Ziquan Packaging hosted a supplier strategic alliance semiannual meeting for AB InBev under the theme "Win-Win Cooperation, Shared Future." The meeting reviewed seven years of alliance, discussed practices such as precision manufacturing and one-factory-one-strategy, and included a plant visit to review the application of VPO tools.



Case

ZIRI Packaging: Integrating into customer technical systems

As a core cap supplier, Shenyang ZIRI joined supplier technical workshops and specialized training organized by strategic customers. Through deeper integration with customer technical systems, it strengthened responsiveness to customer quality requirements and end-use applications.



Case

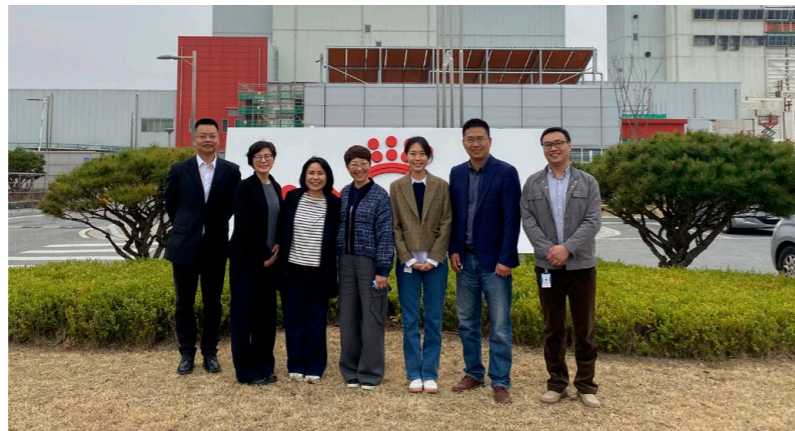
Paper Packaging Business Unit: Long-term strategic collaboration with an international restaurant chain

The business unit has maintained more than 26 years of stable cooperation with an international restaurant chain group. Paper Packaging Business Unit continues to respond to customer needs in innovation, efficiency, and supply coordination.

Case

Zijiang Color Printing: Deeper collaboration on quality and new projects with a leading pet-health nutrition brand

Zijiang Color Printing visited the customer's Korea plant to review cooperation results and discuss quality performance and new-project planning, with plans to further strengthen supporting capacity and customer support.

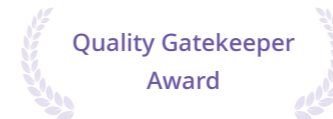


Customer Recognition Awards

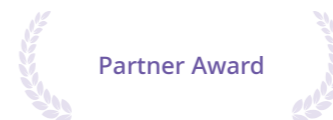
Container Packaging Business Unit

Danone China	COFCO Coca-Cola	
2025 Innovation Award	Best Collaboration Award for Line 2622 Upgrade	2025 Best Contractor Award
Swire Coca-Cola Zhengzhou	New Hope Qinpai Dairy	Yili Group
2025 Outstanding Supplier Award	2025 Outstanding Partner Award	Global Supply Chain Low-Carbon Pioneer Award

Classy-Kiss



BEE & FLOWER



Coca-Cola



Paper Packaging Business Unit

McDonald's

2025 TMS' APAC Outstanding Supplier Award
2024 TMS APAC Supply Chain Transformation Support Award



1. Total Management System (TMS): McDonald's supplier assessment system evaluating performance in quality, safety, supply chain management, and operations.

Paper Packaging Business Unit

By-health

2024 Innovation-Empowered Supply Chain Award

Dewu

Pioneering Innovation Award

Domino's China

2024 Outstanding Supplier Award

McDonald's China

Grade-A Quality Supplier Award

Dewu

Excellence in Quality Award

Yum China

Outstanding Supply Chain Award

McDonald's China

Digital Innovation Award

Yihe Tang

Outstanding Partner Award

Crown Caps & Labels Business Unit

AB InBev

Green Supplier Recognition

Genki Forest

2025 Innovation Contribution Award

Xiangjin Health Beverage

2025 Outstanding Supplier Award



Nielsen

2025 IQ BASES New Product Trendsetter Award

Beverage OEM Business Unit

Danone

2025 Best Blow-Fill Equipment Management Award



2025 Silver Award for Energy Management



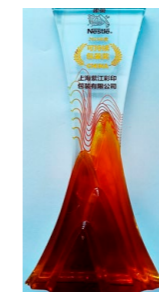
Fujian Shengji Food & Beverage Co., Ltd.

2025 Outstanding OEM Partner Award

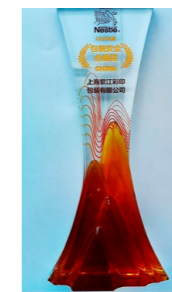
Zijiang Color Printing

Nestlé

2025 Sustainable Packaging Award



2025 Packaging Safety and Compliance Award



Weikang Probiotics

2025 Outstanding Supplier Award



CR Sanjiu

2024 Preferred Supplier Award

Dong-E-E-Jiao

2024 Outstanding Supplier Award

ZIRI Packaging

Eastroc Beverage

Outstanding Contribution Award





Classy-Kiss

Quality Gatekeeper Award



Zihua Technology

Winner Medical

2025 Best Delivery Award at Winner Group Supply Chain Ecosystem Sustainability Conference





Ziyan Alloy

Shenzhen Edan

Edan 30th Anniversary Outstanding Quality Award





Zidong Nylon

HOA QUANG Technology Co., Ltd.

Outstanding Partner Recognition



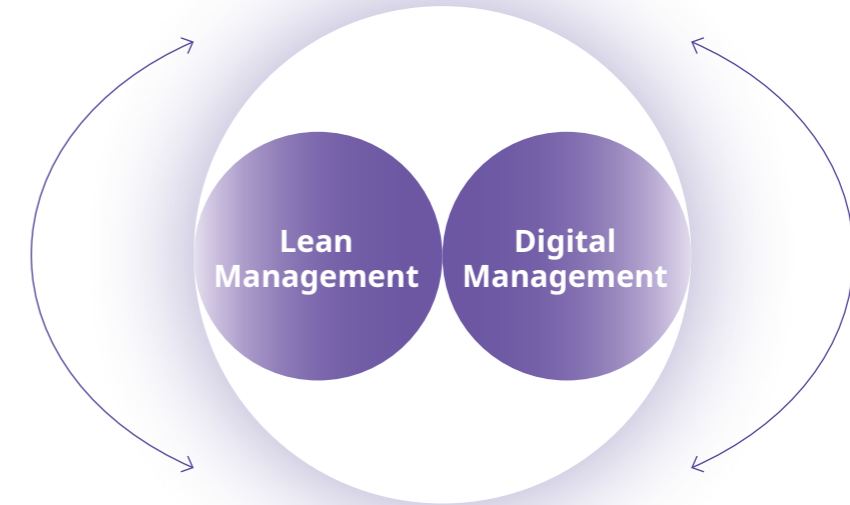
HANH CHUNG Trading & Service Co., Ltd.

Outstanding Supplier Certification



Lean Operations

Across a multi-business-unit, multi-site manufacturing network, Zijiang Enterprise systematically advances lean operations with the core goal of improving all-time OEE and operating efficiency. Lean management serves as the methodology, while digital management provides essential support, bringing production planning, equipment operation, and coordinated management into one unified framework to improve resource allocation and strengthen manufacturing resilience.



Lean Management

The Company takes all-time OEE as a key lever for lean management. By using planning to optimize production organization and by strengthening coordination across production lines and factories, Zijiang Enterprise continues improving equipment utilization and capacity matching to release the potential of large-scale manufacturing.

Key Metrics

Lean projects submitted: 3,342	QCC projects: 303
Estimated financial benefits in the year: RMB 91.48 million	Improvement proposals: 1,025
Six Sigma projects: 18	Rationalization proposals: 1,996


Case **Paper Packaging Business Unit: Order-driven improvement in all-time OEE**

The business unit used stronger order-taking capability as the entry point for improving all-time OEE and shifting production from intermittent operation to steadier running.

- **Order-driven capacity release:** Broader multi-SKU order acceptance supported more continuous production and better use of equipment and labor.
- **Sales-production coordination:** Optimized scheduling and coordination reduced waiting and downtime and stabilized operating rhythm.
- **Positive OEE cycle:** Continued improvement in all-time OEE supported higher production efficiency, more stable quality, and better operating performance.

Case **ZIRI Packaging: Planning-led all-time OEE improvement**

By integrating four manufacturing bases into one coordinated management framework, ZIRI Packaging explored a systematic path to all-time OEE improvement and improved equipment utilization and capacity matching.



Digital Management

To support lean operations with higher-quality data, Zijiang Enterprise has built a unified digital operations platform. By defining data granularity according to management needs and integrating key operating data at machine, team, or real-time machine level, the Company enables centralized visualization of production. Automatic collection and management of equipment and process parameters continue to create new room for efficiency improvement and cost savings.

- Efficiency-oriented digital strategy** Digitalization is closely aligned with the Company's core strategy, focusing on operating efficiency and human-machine collaboration to strengthen cost and delivery advantages.
- Unified operations platform and centralized control** A unified platform based on OEE and energy management strengthens group-level visibility of key operating indicators and cross-company coordination
- Data-driven operating decisions** Management is shifting from experience-based judgment to data-driven decision-making in production organization, quality control, and resource allocation.
- Secure digital foundation** Information security standards and data governance aligned with national and international standards provide a secure system environment for digital operations.

All subsidiaries are advancing digital operations systems, using real-time production data to continuously enhance efficiency, quality, and energy performance.

Key Metrics

National-level smart factories: **1**

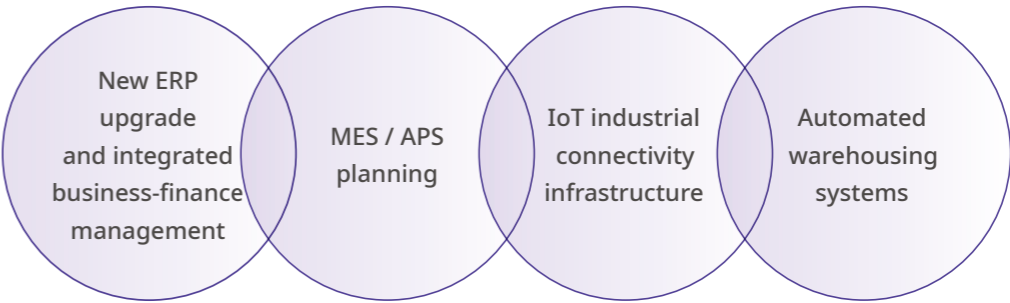
Provincial / municipal-level smart factories: **3**

Case **Paper Packaging Business Unit: Deepening smart-manufacturing capability**

- **Smart plate-roller library management system:** QR-code scanning links roller-library management with ERP/MES systems, reducing version-mismatch risk and improving labor efficiency.
- **One-click digital weighing system:** Built on the self-developed ZDIMS system, it captures raw-material and product weighing data in real time and links them automatically to multiple information systems.
- **Digital color management platform:** A full-life-cycle digital color management platform for flexographic printing improves agile delivery and color consistency across sites and machines.
- **New ZDIMS functions:** New modules for employee performance management and ink-path management were added and deployed in new factories.

Case **Zijiang Color Printing: Digital factory and smart-manufacturing development**

Digital foundations continued to strengthen around:



Case Beverage OEM Business Unit: Accelerating industrial digital platforms

After building earlier systems for energy use and all-time OEE data management, the business unit independently developed APL data ports covering key equipment systems and built a full-line industrial digital platform to improve quality and cost management. Functions include:

1. Self-developed APL data ports for major equipment
2. Digital error-proofing for feeding
3. Digital equipment management
4. Factory task management
5. Critical process management

Case Crown Caps & Labels Business Unit: Self-developed smart reporting system

A smart reporting system was developed for legacy equipment. Modules include:

- a base reporting module based on real-time equipment status
- order-progress management for shop-floor teams
- downtime benchmarking and analysis
- order-level energy-use and all-time OEE benchmarking

Case Container Packaging Business Unit: Digital benchmark factory development

In the Tianjin new-factory project, the business unit applied digitalization and AI to optimize production workflows. Key applications include:

1. High-Precision Automated Stacking Logistics
2. Smart Material Transfer and Quality-Information Linkage
3. Digital Process Quality Management
4. Smart Financial Accounting

Built around AGV-based automated logistics, the system connects machine scheduling with production orders to enable real-time data exchange and coordination between logistics equipment and production processes. It supports on-demand material ordering and just-in-time delivery, effectively reducing intermediate warehouse space requirements.



Case ZIRI Packaging: Digital cap-quality management system

ZIRI Packaging built a digital quality management system to improve product quality. Key functions include:

1. CVS anomaly monitoring from cap forming, printing, coding, slitting, to boxing
2. Real-time monitoring of key process parameters, including online product temperature and boxing temperature

Shanghai ZIRI Packaging was also included in the 2025 Shanghai Advanced-Level Smart Factory List.



Nurturing Workforce

- 80 Employee Rights and Interests
- 82 Career Development and Training
- 85 Compensation and Benefits
- 90 Health and Safety



Zijiang Enterprise regards employees as a core foundation for long-term development and competitiveness. Guided by a people-centered approach, the Company continues improving a fair and healthy workplace while systematically advancing talent development and capability building, aligning employee growth with corporate strategy.

ESG Strategic Targets

Achieve more than **25** hours of annual training per employee by 2030

Maintain zero serious safety accidents through 2030

Advance a dual career-path development system to provide all employees with clear, diversified, and sustainable growth pathways



Employee Rights and Interests

Zijiang Enterprise strictly complies with labor laws and regulations in all operating countries and continuously standardizes labor management to protect employee rights and interests.

In daily labor management, the Company fully implements internal policies such as the Human Resources Management Manual and the Headquarters Employee Handbook. Zijiang Enterprise does not discriminate on the basis of gender, nationality, ethnicity, or religion, firmly prohibits child labor and all forms of forced labor, and continues to foster a safe, fair, and respectful workplace.

Key Metrics

Workforce Overview

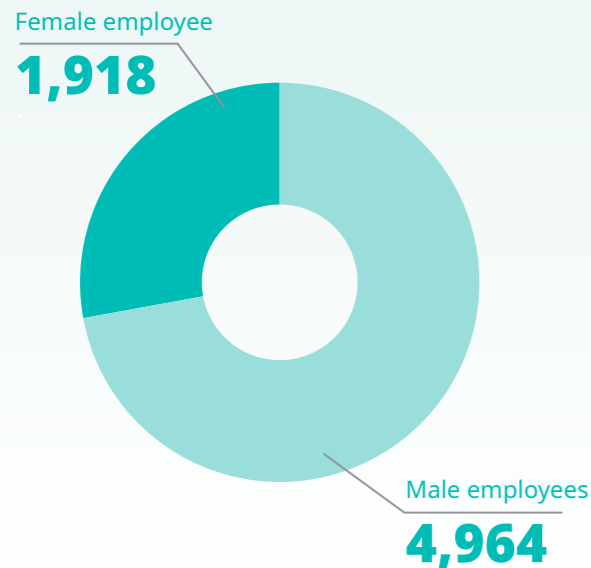
Total employees
6,882

Female senior executives in subsidiaries
18.33%

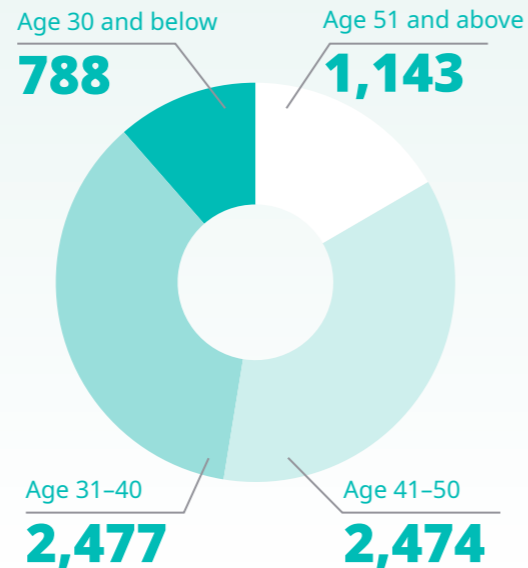
Employees with disabilities
30

Labor contract coverage
100%

Gender Structure



Age Structure



Employee Communication

Zijiang Enterprise values employee communication and consultation. Trade union structures have been established across operating locations to protect employees' lawful participation in democratic management and the expression of concerns. Based on different business-unit characteristics and employment scenarios, the Company continues enriching communication channels and encourages employees to share feedback and suggestions through multiple avenues while fostering an open and trust-based communication climate.

- Reasonable Suggestions
- Suggestion Box
- Zijiang Employee Report
- Union Activities
- Employee Engagement Survey
- Employee Forums
- Online Channels
- Regular Communication

Case

"Together All the Way" Long-Service Recognition Program

Zijiang Enterprise launched the "Together All the Way" long-service recognition program to honor employees in management positions who have completed 10, 20, or 30 years of service, recognizing their long-term contribution and reinforcing organizational identity and cultural continuity. Different commemorative gifts were presented for different service milestones: Blooming Sunflowers for 10 years, A Thousand Miles of Rivers and Mountains desk screen for 20 years, and National Deer for 30 years.

By linking employee development with corporate growth, the Company continues to strengthen employees' sense of belonging and honor, and build a stable, professional workforce committed to long-term contribution.



Employee Engagement Survey

To better understand employee experience and management feedback, Zijiang Enterprise has established and continued an employee engagement survey mechanism as a regular tool for communication and feedback. Each year, the Company conducts questionnaire-based surveys while also collecting open-ended suggestions.

Key Metrics

During the reporting period, **6,143** employees participated, representing **89.26%** of all employees, with an average engagement score of **94.67**

Career Development and Training

Employee Promotion

Zijiang Enterprise follows the principles of appointing people based on merit, capability, and performance, and continues to build a promotion system oriented toward ability and results. The Company provides employees with clearer and more predictable career pathways while aligning promotion with actual capability growth and business needs.

In promotion management, the Company focuses on professional capability, work performance, and actual contribution. It continues refining the performance evaluation system to help employees clarify goals and improve performance. Evaluation results are used to assess development potential and job fit, providing an important basis for job adjustment and promotion.

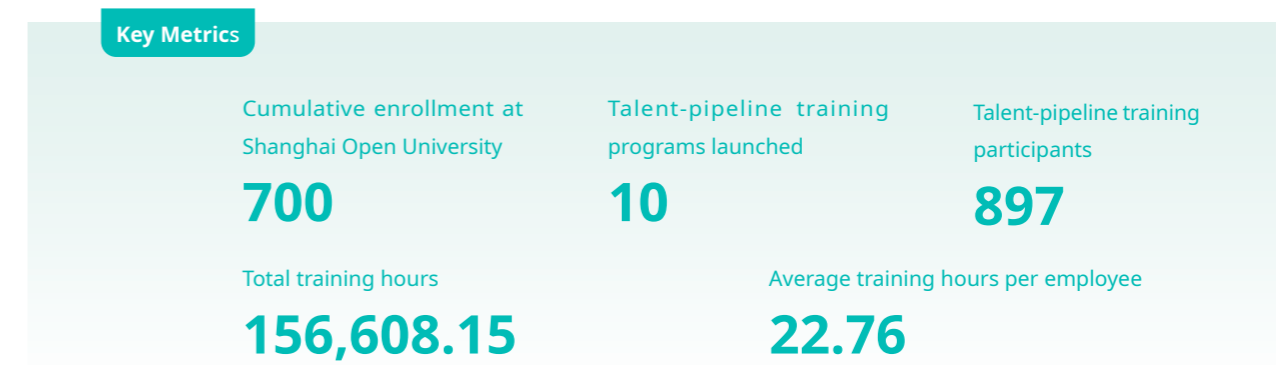
Employee Training

Zijiang Enterprise has built a systematic talent-empowerment system. The Company continues upgrading employee learning and development mechanisms and sets differentiated development paths for different scenarios, so that employee capability growth supports stronger organizational efficiency.

	Development Goal	Implementation Approach
Talent Pipeline Development for Sustainable Operations	Provide management training for senior key talent and continue strengthening management and leadership capabilities.	Establish a structured management and leadership development pathway, combining practical application with ongoing follow-up to translate capabilities into business practice and support long-term, stable operations.
Targeted Empowerment Based on Strategic Assessments at Different Stages	Enhance capabilities of operations management and professional staff in line with business priorities at different development stages.	Combine operations management methods, tools, and practices with project execution, knowledge sharing, and performance improvement to continuously enhance operational efficiency and execution.
Capability Enhancement for Frontline Employees	Support key frontline employees in strengthening their professional foundation through academic advancement and improved learning capabilities.	Work with external education resources based on role-development needs to build a stable, sustainable capability development system, enhancing role attractiveness and workforce stability.

Each business unit designs diversified development paths for employees at different career stages according to its own business characteristics, systematically supporting both employee growth and organizational capability building.

- 
Integration and Adaptation
 Through structured onboarding, including orientation training and mentor support, employees are helped to quickly understand the Company's culture and role requirements, enabling a smooth role transition and team integration.
- 
Role Competence
 Through continuous skill development and practical training, such as role-specific training and skill certification, employees are supported in building competence in their roles and ensuring operational professionalism and reliability.
- 
Capability Deepening
 Building on role requirements, employees are further supported in developing comprehensive capabilities, including advanced training and management/collaboration skills, with greater emphasis on communication, teamwork, and office software applications to enhance their ability to handle diverse work scenarios.
- 
Experience Sharing
 Through internal sharing, mentor guidance, and training-system development, such as trainer development and experience-exchange activities, business experience and professional knowledge are promoted across the organization.
- 
Development Expansion
 Employees are supported in pursuing diversified learning opportunities, including academic advancement, professional title applications, and external training such as school-enterprise cooperation programs, helping them broaden their career development pathways.



Case **Deepening university-enterprise cooperation to build a learning organization**

Zijiang Enterprise has established a long-term cooperation mechanism with Shanghai Open University to support employee academic advancement and capability development. In 2025, the 10th anniversary of the joint program and the new-semester opening ceremony marked a further deepening of this collaborative talent-development model. By 2025, the program had supported multiple cohorts of employees in continuing education and helped cultivate compound talent with both professional knowledge and practical experience.

Case

Container Packaging Business Unit: Empowering engineering and technical talent

The business unit established the Huachuang Studio in the Central China region to focus on improving the capability and knowledge accumulation of engineering, equipment, and technical personnel, creating a regional platform for technical innovation and talent incubation. The studio supports the formation of a technical talent pipeline for stable plant operations and efficiency improvement.

Case

Container Packaging Business Unit: AI efficiency training

In 2025, the business unit launched a special AI efficiency training program focused on smart office work and productivity improvement. With both online and offline learning formats, the program encouraged employees to apply AI tools in daily work. Daily attendance exceeded **100**, and post-training surveys showed that **92%** of participants believed the training could directly improve work efficiency.

Case

Paper Packaging Business Unit: Strengthening the talent pipeline

The business unit focused on key frontline production roles and developed machine-leader talent based on a competency model, linking theoretical training with performance goals and daily assessment to convert high-skill capability into production results.



Case

Crown Caps & Labels Business Unit: Building an internal trainer system

The business unit established a systematic employee-development mechanism centered on capability building and knowledge transfer. Through internal-trainer development programs, it has certified and cultivated internal lecturers with professional teaching capability and is gradually building factory trainer teams across multiple business areas.



Case

Zijiang International Trade: Workplace communication training

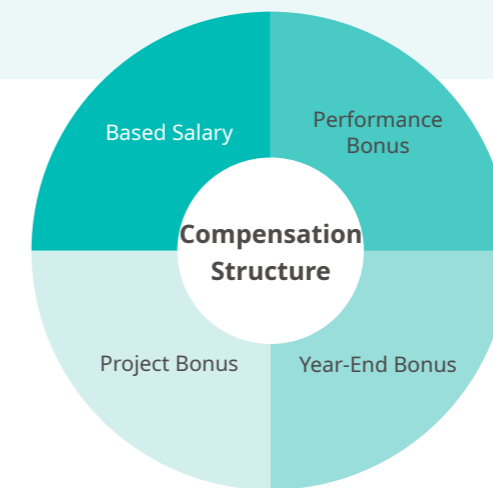
Zijiang International Trade organized workplace communication training that combined assessment tools with case sharing to help employees better understand differences between themselves and colleagues and improve workplace communication and teamwork.



Compensation and Benefits

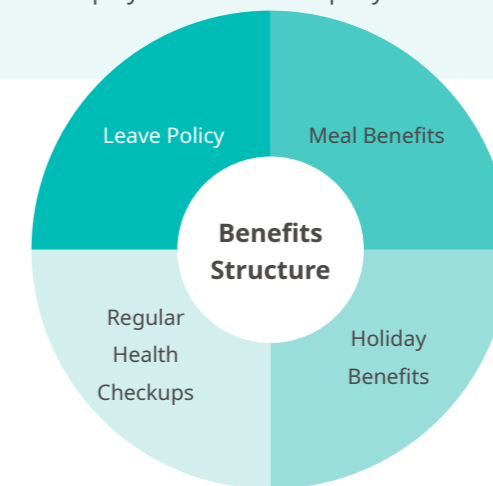
Compensation Overview

Zijiang Enterprise has built a compensation system with industry competitiveness to support talent attraction and long-term retention. Through scientific and fair performance evaluation, employee performance and contribution are connected with reward, while the performance-pay linkage continues to be improved to encourage stronger capability and results.



Employee Benefits

On top of statutory benefits, Zijiang Enterprise continues improving an institutionalized, company-wide employee welfare system based on business development needs and employee expectations. Stable and sustainable benefit arrangements provide employees with basic living and health protection and support long-term development for both employees and the Company.



Building on this system, the Company uses employee activities as a carrier with ongoing attention to physical well-being, team interaction, and workplace vitality.

Case

Zijiang Enterprise: First sports meeting

The Company successfully held its first sports meeting under the theme “Rivers Converge at Zijiang, Glory on the Field.” Eleven teams from across China took part. From preparation and training to competition and teamwork, the event demonstrated employees’ drive and collaboration while further promoting the idea of healthy work and joyful living.



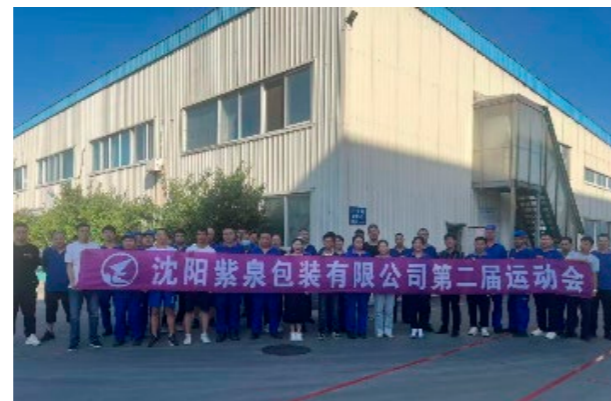
Across business units, Zijiang Enterprise also organized diverse activities to support employee well-being, communication, and teamwork, including:

Container Packaging Business Unit



Tug-of-War Competition

Crown Caps & Labels Business Unit



2nd Sports Meeting

Sichuan ZIRI



Outdoor Team-Building Trip

Anhui Zijiang Composite



Employee Trip

Zidong Nylon



Team-Building Activity

Zihua Technology



Trip for All Employees

ZJMP



Running-Group Activity

Zijiang International Trade



Coffee-Soap Workshop

Employee Care

Zijiang Enterprise regards employees and their families as long-term partners in corporate development. While supporting employee career development, the Company also pays attention to employees' family roles and practical needs at different life stages.

Through channels such as trade unions, the company provides targeted assistance and visit arrangements to relieve temporary pressure on employees and their families and help employees maintain work stability.

Case

Rainbow Plan: Warm support for employees

The Company continued the Rainbow Plan employee-care program, providing timely financial support and care for employees and families facing heavy pressure due to major illness or unexpected hardship. During the reporting period, the total amount of assistance exceeded **RMB 180,000**.

Case

Dream Fulfillment Plan: Supporting employees' children in education

Through the Dream Fulfillment Plan, Zijiang Enterprise provided educational assistance to children of employees with financial difficulties to support completion of university study. During the reporting period, the per-capita assistance standard was raised to **RMB 8,000**, coverage was expanded, and a cumulative **56** employees' children received support totaling **RMB 784,000**.

Case

Paper Packaging Business Unit: Care program for employees' children taking key school exams

The business unit organized a care initiative for employees' children taking high-school and college entrance examinations, preparing care gift boxes for **67** children and showing support to employee families at an important stage.

Case

Beverage OEM Business Unit: Emergency and development support for employees in hardship

Through annual hardship subsidies and the Rainbow Plan, the business unit maintained regular assistance for employees in need. In 2025, it supported one employee at the Shaanxi plant with family disaster relief and helped **5** employees at the Neijiang plant in Sichuan participate in the Dream Fulfillment program.

Case

Zijiang Color Printing: Visits and support for employees in hardship

In January, Zijiang Color Printing visited **11** families of employees in hardship. It also coordinated with group-level assistance programs covering **18** employees and provided dedicated subsidies to **2** employees through the Rainbow Plan, with total support exceeding **RMB 100,000**.

Case

Zihua Technology: Support for employee families and special-period assistance

Zihua Technology assisted 8 employees in applying for the Dream Fulfillment program for their children's education and helped **2** employees apply for hardship subsidies around the New Year and Spring Festival period. In 2025, the Company also visited **5** employees who were ill.

Diversity, Equity and Inclusion

Zijiang Enterprise values an organizational culture that respects differences and embraces diversity. The Company pays attention to the varied needs of different employee group, and continues to promote targeted support measures on issues related to female employees and employee families.

Case

Crown Caps & Labels Business Unit: Ongoing care for female employees

The business unit provides support arrangements for female employees during pregnancy, maternity leave, and breastfeeding. The business unit also distribute women-specific labor-protection supplies every six months and organize Women's Day activities with holiday gifts each year.

Case

Paper Packaging Business Unit: Women's health lectures

The business unit has set up Mothers' Rooms for breastfeeding employees, distributes women's supplies, provides Women's Day gifts, organizes women's health lectures, and offers annual health checkups for female employees.

Women's Day activities across business units and companies included:

Paper Packaging Business Unit



DIY Women's Day Activity

Beverage OEM Business Unit



Women's Day Event

Zijiang Color Printing



Lucky Blind-Box Activity

ZIRI Packaging



Care-Gift Boxes

Zihua Technology



Chenshan Botanical Garden Trip

Zijiang International Trade



Twins Mountain Trip

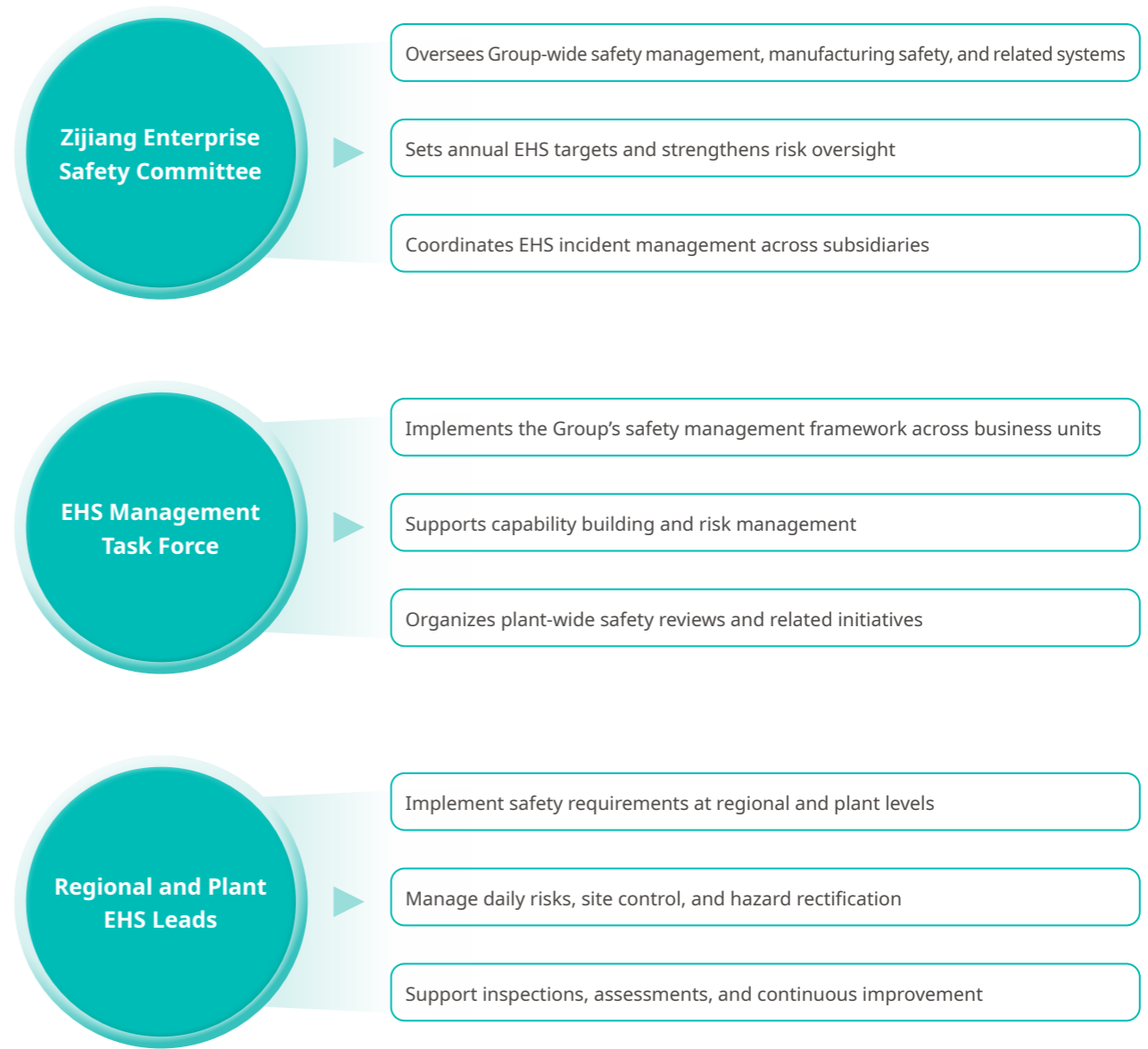
Health and Safety

Safeguarding Employee Safety

Zijiang Enterprise regards employee health and safety as a core foundation of prudent operations and sustainable development. Based on actual production and operating conditions, the Company continues improving its health and safety management system, strengthening governance mechanisms and process control, and systematically identifying and managing safety and health risks to protect employees in all work scenarios.

Safety Governance

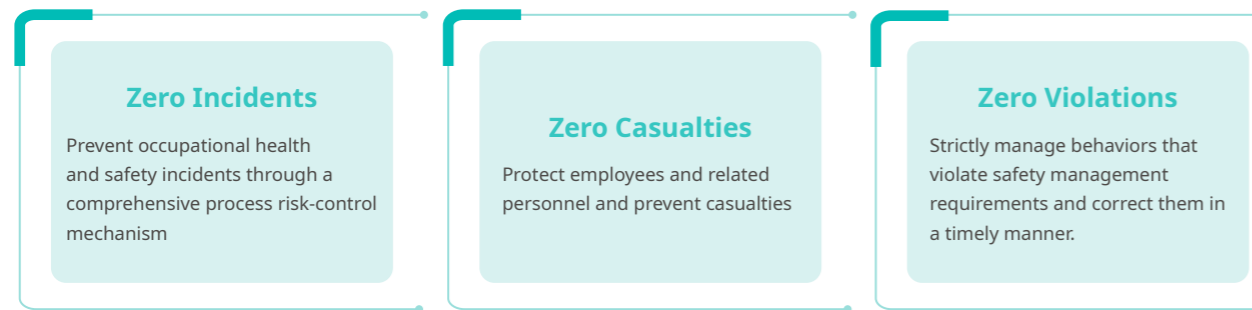
Guided by the principles of people first, safe development, safety first, and prevention first, Zijiang Enterprise has established a layered governance structure, forming a management system coordinated at group level and implemented by business units. The Company continues improving systems for safety planning, execution, inspection, and evaluation, as well as routine meetings, special meetings, fire drills, and dedicated training.



With Integrated EHS Excellence Management System (IEMS) as a core focus, the Company identified professionalism, standardization, and systemization as key priorities for annual improvement. It formally issued 12 EHS red-line rules to further clarify minimum safety and environmental requirements and strengthen company-wide risk awareness and compliance execution. During the reporting period, the Company improved and implemented on-site audit and evaluation mechanisms covering 14 factories, promoting the replication of EHS best practices and digital-management applications.



Zijiang Enterprise Safety Management Philosophy and Targets



To ensure effective delivery of health and safety objectives, the Company has also established a systematic safety-management audit mechanism. Through regular audits and process supervision, together with digital tools for tracking key risks and management processes, Zijiang Enterprise continues improving the standardization and effectiveness of safety management.

Key Metrics

Special investment in power-distribution rectification

RMB 11.69 million

Completing systematic safety upgrades at

8 key enterprises

0

Fatalities and serious injuries

0

Occupational disease incidence

12

Companies with ISO 45001 certification

Case

Container Packaging Business Unit: Comprehensive safety-learning platform

The business unit built a unified safety-learning platform providing standardized training and assessment for new employees, contractors, and external drivers. Personnel must pass the assessment before taking up work. The platform has been rolled out across more than **50** entities in the business unit.

Case

Beverage OEM Business Unit: Multi-Level Reinforcement of Safety Management

Safe operations are reinforced through a three-level approach. At the foundation level, themed activities, training, and broad employee coverage support self-managed safety. Special initiatives focus on confined-space management, with dedicated training, register reviews, signage improvement, and emergency rescue equipment deployment, while strictly enforcing the principle of ventilate first, test second, work last. Oversight is strengthened through unannounced inspections, cross-checks, and director-level inspections carried out by business-unit EHS, plant EHS, and functional directors.

Case

Paper Packaging Business Unit: Smart temperature-control loop to eliminate high-temperature operating risks

Zidan Food installed an intelligent temperature monitoring system on its high-speed flexographic printing line, covering **41 high-risk points with 7×24** real-time monitoring, multi-level alerts, and linked exhaust control. It achieved **100%** high-temperature risk detection, cut response time to under one minute, and recorded zero heat-related equipment downtime.

Case

ZIRI Packaging: Safety culture and production safety management

Since start-up, ZIRI Packaging has adhered to the principle of safety first in production and strictly implemented safety-management systems. Guangdong ZIRI Packaging has recorded **850** consecutive days without any employee work-injury accident.

Case

Zidong Nylon: Smart safety-monitoring system development

Zidong Nylon introduced a smart safety-monitoring system integrating video monitoring, gas detection, and equipment operation monitoring to enable real-time risk identification and early warning.

Zijiang Enterprise treats health and safety training as an important lever for implementing safety management. Through training, drills, and themed activities, the Company continues improving employee awareness of and response to safety risks. Business units combine safety knowledge with practical operating scenarios to encourage active participation in safety management.

Health and safety training activities

Paper Packaging Business Unit



7th "Safety, You and Me" Activity

Beverage OEM Business Unit



Accident-Specific Emergency Drill

Crown Caps & Labels Business Unit



Health and Safety Training

Zijiang Color Printing



First-Aid Training

Zidong Nylon



Heatstroke Emergency Drill

Zihua Technology



Fire Drill

Occupational Disease Management

Zijiang Enterprise continues improving occupational disease management. By optimizing production processes and equipment configuration, the Company reduces potential occupational health hazards generated during operations. It also conducts occupational-health training to improve employee awareness and self-protection capability.

The Company regularly arranges professional health examinations and maintains occupational health surveillance files. For employees with abnormal examination results or those no longer suitable for original work, timely intervention measures and reasonable job adjustments are arranged to protect health rights and reduce occupational disease risks.

Case

Paper Packaging Business Unit: On-post physical examinations for occupational-hazard positions

In 2025, the business unit organized on-post physical examinations for occupational-hazard roles at its Shanghai factories. Doctors and equipment were brought on site to improve efficiency and reduce inconvenience, covering 389 employees.



Case

Zijiang Color Printing: Strengthening occupational disease prevention and contingency mechanisms

The Shanghai plant updated occupational health files and revised the special contingency plan for occupational disease hazards. On-post and exit examinations were implemented, covering hazard factors such as noise and TDI were all compliant.

At the Anhui Composite plant, Occupational Hazard Notice Cards were posted prominently in workshops, and annual hazard-factor testing and occupational health examinations continued.

Case

Zidong Nylon: Dust-control improvement in workshops

In trim pelletizing and waste-film recovery processes, engineers improved dust overflow by enlarging the pressure-relief opening, significantly improving dust conditions in the pelletizing workshop.



Case

ZJMP: Source control of occupational disease risks

ZJMP systematically identified high-risk materials and work processes. Material substitution reduced occupational health risks from organic solvents, while engineering controls were applied to high-noise equipment and dust- and exhaust-emission points to improve the work environment

Governance & Compliance Excellence

- 98 Corporate Governance
- 102 Business Ethics
- 102 Information Security
- 104 Supply Chain Management



Guided by its aspiration to become a highly respected enterprise, Zijiang Enterprise regards sound governance and compliance as a core foundation. The Company continues to improve corporate governance, strengthen business ethics, reinforce information security, and advance responsible supply chain management, building a transparent, efficient, and trusted governance system.

ESG Strategic Targets

Achieve **100%** employee coverage in anti-corruption training by 2030

Maintain zero major information security incidents through 2030

Achieve **100%** sign-off on the Supplier Code of Conduct among core suppliers by 2030

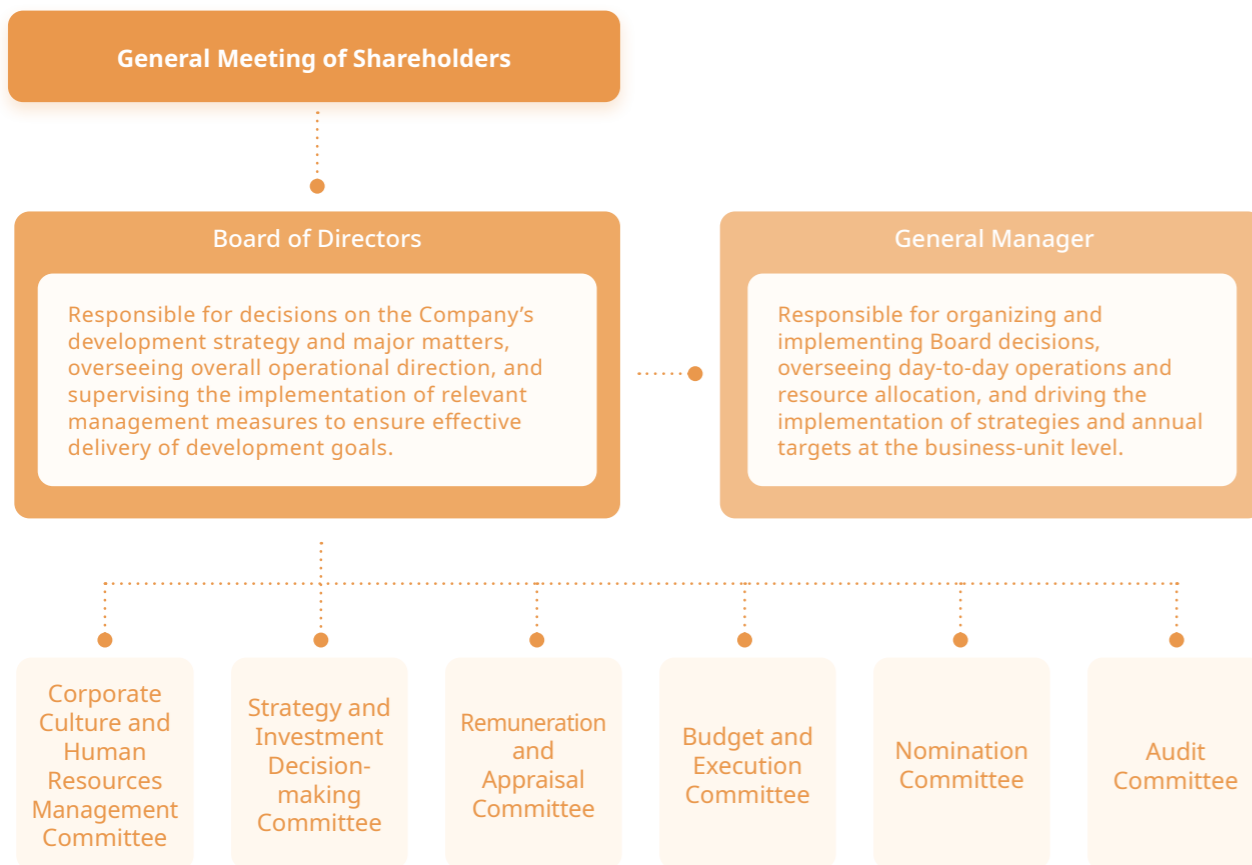


Corporate Governance

Governance Structure

Zijiang Enterprise continues to improve its governance structure and institutional system, optimize decision-making and management processes, and build a governance system with clear responsibilities and standardized operation. By strengthening strategic management, risk control, and internal control, the Company further enhances governance transparency, professionalism, and effectiveness, laying a solid foundation for prudent operations and long-term value creation.

The General Meeting of Shareholders serves as the highest authority. Under the leadership of the Board of Directors, management is responsible for day-to-day operations. The Board oversees development strategy and major decisions, while specialized committees provide professional review and supervision on key governance issues. Management is responsible for implementation, supporting effective delivery of strategy, risk control, and sustainability objectives.



At board level, the Company has established six specialized committees covering strategy and investment, audit, remuneration and appraisal, nomination, budget and execution, and corporate culture and human resources. These committees conduct pre-review, deliberation, and oversight on relevant matters, helping the Board identify and assess important issues in operations, risk control, and sustainable development, and supporting more prudent, scientific, and efficient major decision-making.

The Company has further strengthened the responsibilities of the Board and its committees in risk oversight and internal control. In particular, the Audit Committee plays a more prominent supervisory role, reviewing financial disclosure, overseeing internal audit and internal control, and examining key financial and risk matters.

The internal audit function reports to the Board and operates under the guidance of the Audit Committee, independently supervising operations, risk management, and internal control and reporting major issues in a timely manner. This further enhances transparency, standardization, and risk prevention capability.



Key Metrics

General Meetings of Shareholders held: 2	Board meetings held: 5
Proposals approved: 16	Proposals approved: 28

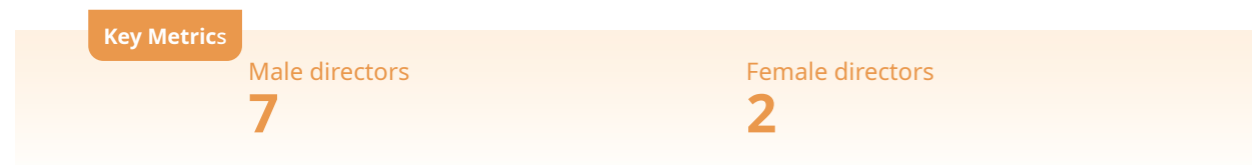
Board Independence

Zijiang Enterprise safeguards independent judgment and effective checks and balances in Board by improving the participation mechanism for independent directors. As an important part of the Board, independent directors play a key role in corporate governance by providing independent and professional advice for Board decisions.

At the institutional level, the Company has formulated the Independent Director Work System, which clearly defines the appointment requirements, scope of duties, working procedures, and rights and obligations of independent directors. During the reporting period, Zijiang Enterprise had 3 independent directors, providing important support for major decision-making and standardized operations.

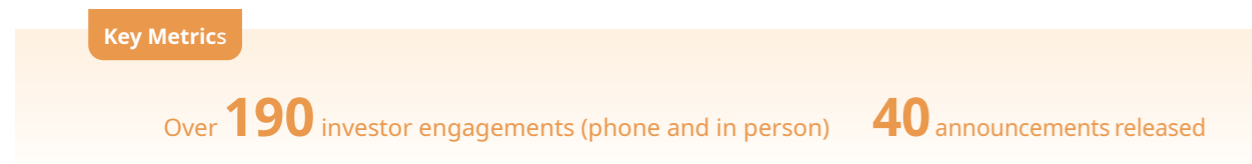
Board Diversity

In the appointment of Board members, Zijiang Enterprise takes into account factors of various professional capabilities, while emphasizing diversity in Board structure. Through full exchange of diverse perspectives and rational discussion, the Company continues to enhance the Board's comprehensiveness judgment in strategic assessment and major decision-making. During the reporting period, the Board elected a woman as General Manager, reflecting the continued efforts to promote diversity in its management team.



Investor Relations Management

The Company values investor relations and maintains regular communication through email, hotline calls, investor meetings, postal mail, and the SSE interactive platform. It also holds quarterly results briefings via the SSE Roadshow Center to present business performance and strategy and respond to investor concerns. A dedicated IR team and formal management system help ensure efficient and standardized communication. In 2025, the Company revised 25 policies and introduced 5 new ones.



Shareholder Returns

The Company places high importance on shareholder returns and has paid cash dividends every year for 27 consecutive years since listing. Balancing investor returns with development and funding needs, it maintains a stable dividend policy and seeks to create long-term shareholder value.



Risk Management

Zijiang Enterprise has formulated the Zijiang Enterprise Internal Control Manual, which serves as an important institutional foundation for internal control and risk management. Centered on business processes, the manual systematically covers 29 business cycles and 82 sub-cycles, comprehensively identifying risk points in various business activities. In this way, risk management requirements are embedded into daily operations and management decision-making, supporting standardized operations and prudent development.

Zijiang Enterprise systematically identifies risks that may arise in operations and management and classifies them into the following five major categories:



Zijiang Enterprise has established a risk management process covering the full course of operations and manages risks dynamically through a systematic and standardized approach.

Systematic Risk Identification	Scientific Risk Assessment	Tiered Risk Response	Robust Emergency Response	Continuous Improvement and Optimization
Identify major risks around core business and key management activities, and clarify the primary risks, impact areas, and risk factors.	Based on internal and external risks, assess possible impacts on operations and long-term development to support follow-up response decisions.	For identified risks, define management priorities and implement targeted measures.	Establish a sound emergency-response mechanism to reduce the impact of sudden risks.	Regularly review risk management operations and continuously refine the risk management system.

Case Selected as a 2025 Outstanding Internal Control Practice Case of Listed Companies

Zijiang Enterprise was selected as an outstanding case in the 2025 Best Practice in Internal Control of Listed Companies. The evaluation reviewed system completeness, effectiveness of operation, and risk prevention and control performance, reflecting external recognition of the Company's standardized governance and governance capability.

Business Ethics

Anti-Unfair Competition

The Company upholds fair competition and does not tolerate improper competition practices. By clarifying conduct boundaries in business activities and external cooperation, Zijiang Enterprise seeks to maintain a compliant and trustworthy market environment.

Anti-Bribery and Anti-Corruption

Guided by the Corporate Culture Handbook, Zijiang enterprise continues corporate-culture communication and internal awareness-building to strengthen honest and standardized professional conduct. On this basis, it has established internal reporting channels and early-warning mechanisms for prevention of fraud risks.

The Company has established multi-channel communication mechanisms for business ethics and compliance, encouraging employees, partners, and other stakeholders to report potential misconduct, fraud risks, or compliance concerns. A dedicated business-ethics and compliance mailbox is in place, ensuring timely, prudent, and confidential handling of reports.

Reporting Channel

 Business ethics and compliance email:
hgjb@zijiangqy.com

Information Security

Zijiang Enterprise benchmarked against China's cybersecurity regime (MLPS 2.0) and formulated the Information Security Management Standard, while carrying out corresponding remediation actions. The standard sets unified requirements covering information-security governance, infrastructure, system operations, and the protection of data and information assets.

Zijiang Enterprise advances information security through centralized group coordination and tiered responsibility, covering both headquarters and subsidiaries. Responsibilities and management requirements are clearly defined, and embedded into daily operations and management processes.

Data and Information Asset Security Management

Zijiang Enterprise regards data as an important corporate asset and places strong emphasis on the systematic management and protection of core business data and information resources.

The Company manages two categories of data assets: Zijiang Enterprise's own core commercial secrets and customer commercial information that requires enhanced protection. Through institutionalized management, the Company continues to improve its information assets.

Data Asset Category	Management Focus	Management Measures
Corporate Information	Identification and protection of core data	Establish an information-asset identification mechanism, maintain a register of core data assets, and apply graded management based on materiality
	Access and usage control	Define data access permissions and usage boundaries, standardize authorization procedures, and prevent unauthorized access
	Business continuity assurance	Include customer commercial information within the scope of key protection and strengthen usage rules and confidentiality requirements
Customer Information	Confidentiality and compliant use	Include customer commercial information within the scope of key protection and strengthen usage rules and confidentiality requirements
	Security of data access and transmission	Apply stricter access controls and security measures to data access and transmission involving customer information
	Risk prevention and accountability	Define data-security responsibilities for relevant roles and reduce the risk of information leakage and improper use

Information Security Incident Management and Emergency Response

Zijiang Enterprise continues improving its ability to identify, respond to, and recover from information-security risks, reducing the impact of unexpected incidents on business operations.

Emergency Response Mechanism	<ul style="list-style-type: none"> Establish information security incident emergency response and handling procedures Define incident classification, response requirements, and handling criteria
Internal Reporting and Closed-Loop Management	<ul style="list-style-type: none"> Improve incident reporting and high-level notification mechanisms Promote issue resolution, review, and experience sharing to build a closed-loop management process
Strengthening Organizational Response Capability	<ul style="list-style-type: none"> Integrate information security incident management into daily operations Continuously enhance the organization's overall capability to respond to information security risks

Digital System Operations

Zijiang Enterprise continues strengthening information infrastructure management. By standardizing data-center management, network architecture, and system O&M requirements, the Company improves overall system reliability and resilience.

Management Module	Management Focus	Management Measures
Data Center Management	Operating environment standards	<ul style="list-style-type: none"> Standardize data-center grading and baseline operating standards; define O&M requirements for key equipment
Network Architecture	Stability and redundancy	<ul style="list-style-type: none"> Review and optimize network architecture; strengthen management of cross-regional network connections
System O&M	Daily operation assurance	<ul style="list-style-type: none"> Strengthen routine O&M for servers and endpoint devices; enhance disaster-recovery backup of server resources
O&M Model	Efficiency improvement	<ul style="list-style-type: none"> Shift from manual inspection to platform-based, visualized monitoring; improve visibility of system status and anomalies

Standardized Digital Platforms and Data Governance

Zijiang Enterprise embeds information-security requirements throughout data collection, system integration, and platform operation, ensuring that data applications continue to deepen under secure and controllable conditions.

Secure Data Integration

- Integrate information security requirements into data collection systems and workflows
- Standardize the management of data sources, transmission, and access

Key Data Governance

- Strengthen the management of key operational data such as OEE and energy consumption
- Clarify data usage boundaries and governance responsibilities

Secure Digital Enablement

- Support digital transformation under a secure and controlled environment
- Enable the continuous development and deeper application of digitalization

Supply Chain Management

Supplier Management

Based on the Supplier Evaluation Procedure, Zijiang Enterprise has established a standardized mechanism covering supplier admission, evaluation, supervision, and exit, helping ensure supply-chain stability and sustainability through institutionalized processes and tiered management.

Based on its unified supplier management system, the Company conducts qualification review and on-site assessment of potential suppliers, with comprehensive evaluation across quality management, environmental management, technical capability, compliance, and service assurance.

Supplier Admission

Based on material importance and business impact, suppliers are classified into A, B, and C categories, with corresponding procurement priorities and management requirements to improve resource allocation.

Supplier Classification

Non-Compliance Management

Suppliers are regularly evaluated on indicators such as quality pass rate, on-time delivery, and service responsiveness, together with performance in areas including environmental management and production safety. The results serve as an important basis for cooperation adjustment and continuous improvement.

Supplier Performance Evaluation

For non-compliance issues identified in evaluation, suppliers are required to complete corrective actions within a specified timeframe, and results are tracked and verified. Suppliers with persistent underperformance or serious violations are removed in accordance with regulations and placed on the supplier blacklist.

Key Metric

Total number of suppliers: **1,146**

Supplier Enablement and Collaborative Development

Zijiang Enterprise emphasizes collaborative development with suppliers and integrates capability improvement into supply-chain practice. Through exchange activities, the Company communicates with suppliers on industry trends and management practices, promoting information sharing and coordinated operations.

The Company guides suppliers to optimize raw-material selection, production processes, and logistics methods, improving environmental management and resource efficiency across the supply chain.

Case

Crown Caps & Labels Business Unit: Supplier ESG management and review

The business unit incorporates ESG performance into supplier selection and management criteria. Its review system covers environmental management, energy consumption, resource use, labor rights, health, and safety, ensuring that suppliers meet sustainability requirements in their operations.

Case

Paper Packaging Business Unit: Mock recall to strengthen food safety management

During the reporting period, the business unit's central quality department, together with the procurement department and factory quality teams, organized a mock supplier recall exercise for major material suppliers. All suppliers completed recall actions and report submission within the required timeframe.

Appendix 1

Index to the SSE Self-Regulatory Guidelines No. 14 for Listed Companies — Sustainability Reports

Dimension	Topic	Relevant Provisions	Corresponding Section
Environment	Climate Change	Articles 21–28	Climate Action
	Pollutant Emissions	Article 30	Environmental Management
	Waste Management	Article 31	Waste Management
	Ecosystems and Biodiversity Protection	Article 32	Not Applicable
	Environmental Compliance Management	Article 33	Environmental Management
	Energy Use	Article 35	Energy Management
	Water Resources Use	Article 36	Resource Utilization
	Circular Economy	Article 37	Sustainable Products
Social	Rural Revitalization	Article 39	Community Engagement
	Social Contribution	Article 40	Philanthropy
	Innovation-Driven Development	Article 42	R&D and Innovation
	Technology Ethics	Article 43	R&D and Innovation
	Supply Chain Security	Article 45	Supply Chain Management
	Fair Treatment of SMEs	Article 46	Supply Chain Management
	Product and Service Safety and Quality	Article 47	Product Quality
	Data Security and Customer Privacy Protection	Article 48	Information Security
Sustainability Governance	Employees	Article 50	Nurturing Workforce
	Due Diligence	Article 52	Corporate Governance
	Stakeholder Communication	Article 53	Stakeholder Engagement
	Anti-Bribery and Anti-Corruption	Article 55	Business Ethics
	Anti-Unfair Competition	Article 56	Business Ethics

Appendix 2

GRI Content Index

GRI Standard	Disclosure Title	Corresponding Section
GRI 1: Foundation 2021		
GRI 2: General Disclosures 2021		
2-1	Organizational details	About Zijiang Enterprise
2-2	Entities included in the organization's sustainability reporting	About This Report
2-3	Reporting period, frequency and contact point	About This Report
2-6	Activities, value chain and other business relationships	About Zijiang Enterprise
2-7	Employees	About Zijiang Enterprise
2-9	Governance structure and composition	Corporate Governance
2-10	Nomination and selection of the highest governance body	Corporate Governance
2-11	Chair of the highest governance body	Corporate Governance
2-12	Role of the highest governance body in overseeing the management of impacts	Corporate Governance
2-13	Delegation of responsibility for managing impacts	Corporate Governance
2-14	Role of the highest governance body in sustainability reporting	Corporate Governance
2-15	Conflicts of interest	Corporate Governance
2-16	Communication of critical concerns	Stakeholder Engagement
2-22	Statement on sustainable development strategy	Sustainability Strategy

GRI Standard	Disclosure Title	Corresponding Section
2-29	Approach to stakeholder engagement	Stakeholder Engagement
GRI 3: Material Topics 2021		
3-1	Process to determine material topics	Double Materiality
3-2	List of material topics	Double Materiality
3-3	Management of material topics	Double Materiality
GRI 201: Economic Performance 2016		
201-2	Financial implications and other risks and opportunities due to climate change	Climate Action
GRI 205: Anti-corruption 2016		
205-1	Operations assessed for risks related to corruption	Business Ethics
205-2	Communication and training about anti-corruption policies and procedures	Business Ethics
205-3	Confirmed incidents of corruption and actions taken	Business Ethics
GRI 302: Energy 2016		
302-1	Energy consumption within the organization	Energy Management
302-4	Reduction of energy consumption	Energy Management
302-5	Reductions in energy requirements of products and services	Energy Management
GRI 303: Water and Effluents 2018		
303-3	Water withdrawal	Water Resource Utilization
303-4	Water discharge	Water Resource Utilization

GRI Standard	Disclosure Title	Corresponding Section
303-5	Water consumption	Water Resource Utilization
GRI 305: Emissions 2016		
305-1	Direct (Scope 1) GHG emissions	Climate Strategy
305-2	Energy indirect (Scope 2) GHG emissions	Climate Strategy
305-3	Other indirect (Scope 3) GHG emissions	Climate Strategy
GRI 306: Waste 2020		
306-1	Waste generation and significant waste-related impacts	Management of Air, Water and Waste
306-2	Management of significant waste-related impacts	Management of Air, Water and Waste
306-3	Waste generated	Management of Air, Water and Waste
306-4	Waste diverted from disposal	Management of Air, Water and Waste
306-5	Waste directed to disposal	Management of Air, Water and Waste
GRI 401: Employment 2016		
401-1	New employee hires and employee turnover	Employee Rights and Interests
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	Compensation and Benefits
GRI 403: Occupational Health and Safety 2018		
403-1	Occupational health and safety management system	Health and Safety
403-2	Hazard identification, risk assessment, and incident investigation	Health and Safety
403-4	Worker participation, consultation, and communication on occupational health and safety	Health and Safety

GRI Standard	Disclosure Title	Corresponding Section
403-5	Worker training on occupational health and safety	Health and Safety
403-9	Work-related injuries	Health and Safety
GRI 404: Training and Education 2016		
404-1	Average hours of training per year per employee	Career Development and Training
404-2	Programs for upgrading employee skills and transition assistance programs	Career Development and Training
GRI 405: Diversity and Equal Opportunity 2016		
405-1	Diversity of governance bodies and employees	Employee Rights and Interests
GRI 406: Non-discrimination 2016		
406-1	Incidents of discrimination and corrective actions taken	Employee Rights and Interests
GRI 407: Freedom of Association and Collective Bargaining 2016		
407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	Employee Rights and Interests
GRI 408: Child Labor 2016		
408-1	Operations and suppliers at significant risk for incidents of child labor	Employee Rights and Interests
GRI 409: Forced or Compulsory Labor 2016		
409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	Employee Rights and Interests
GRI 414: Supplier Social Assessment 2016		
414-1	New suppliers that were screened using social criteria	Supply Chain Management
414-2	Negative social impacts in the supply chain and actions taken	Supply Chain Management

Appendix 3

SDGs Content Index

Sustainable Development Goals (SDGs)	Initiative	Corresponding Section
SDG 3. Good Health and Well-being	Ensure healthy lives and promote well-being for all at all ages	Employee Rights and Interests; Compensation and Benefits; Employee Care; Health and Safety
SDG 4. Quality Education	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	Career Development and Training
SDG 5. Gender Equality	Achieve gender equality and empower all women and girls	Employee Rights and Interests; Diversity, Equity and Inclusion
SDG 6. Clean Water and Sanitation	Ensure availability and sustainable management of water and sanitation for all	Environmental Management; Resource Efficiency
SDG 7. Affordable and Clean Energy	Ensure access to affordable, reliable, sustainable and modern energy for all	Climate Action; Energy Management
SDG 8. Decent Work and Economic Growth	Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	Employee Rights and Interests; Compensation and Benefits
SDG 9. Industry, Innovation and Infrastructure	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	R&D and Innovation; Lean Operations
SDG 10. Reduced Inequalities	Reduce inequality within and among countries	Employee Rights and Interests; Diversity, Equity and Inclusion
SDG 12. Responsible Consumption and Production	Ensure sustainable consumption and production patterns	Sustainable Products
SDG 13. Climate Action	Take urgent action to combat climate change and its impacts	Climate Action; Energy Management
SDG 16. Peace, Justice and Strong Institutions	Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels	Corporate Governance
SDG 17. Partnerships for the Goals	Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development	Supply Chain Management; Customer Collaboration

Appendix 4

Key Performance Indicators

Indicator	Unit	2023	2024	2025
Economic				
Total assets	RMB 100 million	136.94	131.89	131.75
Revenue	RMB 100 million	91.16	106.37	96.04
Total profit	RMB 100 million	7.40	9.72	12.62
Social contribution value per share	RMB	2.07	2.36	2.48
Cash dividends (tax inclusive)	RMB	379,184,039.50	455,020,847.40	530,857,655.30
Penalties or warnings imposed by the CSRC or the Shanghai Stock Exchange	times	0	0	0
Environmental Performance				
Environmental Governance				
Environmental governance investment	RMB 10,000	4,888.85	2,592.03	4,419.06
Compliance rate of waste gas and wastewater discharge	%	100	100	100
Air Emissions				
Total air emissions	tons	157.74	186.85	166.44
NOx emissions	tons	12.48	19.19	12.89
Non-methane hydrocarbon emissions	tons	143.81	160.10	146.74
Sulfur dioxide and other particulate matter	tons	1.45	7.56	6.81

Indicator	Unit	2023	2024	2025
Non-Hazardous Waste				
Total non-hazardous waste	tons	25,693.20	29,641.77	29,172.71
Non-hazardous waste recycled	tons	25,138.52	28,366.37	27,225.00
Non-hazardous waste disposed of	tons	554.68	1,275.40	1,947.71
Hazardous Waste				
Total hazardous waste ²	tons	1,273.74	1,574.63	1,654.02
Hazardous waste recycled	tons	173.58	167.51	192.66
Hazardous waste disposed of	tons	1,100.16	1,407.12	1,461.36
Direct Energy Consumption				
Gasoline consumption	liters	136,287.62	116,844.23	115,570.36
Diesel consumption	liters	84,743.74	81,966.38	67,304.50
Natural gas consumption	standard m ³	8,038,036.06	9,072,021.91	9,871,391.98
LNG consumption	tons	39.95	33.73	25.96
Indirect Energy Consumption				
Purchased electricity	MWh	548,125.80	572,539.20	638,351.46
Purchased steam	tons	88,293.54	105,016.38	106,397.67

2. In 2025, the Company optimized the accounting methodology for total hazardous waste disposed of, and the 2023 and 2024 figures were adjusted accordingly.

Indicator	Unit	2023	2024	2025
Renewable Energy				
Solar power generation	MWh	19,856.00	33,750.00	63,736.00
Electricity Savings				
Annual electricity savings	MWh	3,555.00	3,765.00	8,547.00
Water Consumption				
Total water use	tons	2,837,925.16	3,284,127.48	3,860,834.66
Total wastewater discharge	tons	1,577,121.45	1,892,370.20	2,323,235.50
Total water consumption	tons	1,260,803.71	1,391,757.28	1,537,599.16
Total recycled water use	tons	153,672.00	167,868.00	208,734.00
Social Performance				
Total number of employees	people	6,936	6,791	6,882
Total number of male employees	people	4,855	4,815	4,964
Total number of female employees	people	2,081	1,976	1,918
Percentage of female employees	%	30.00	29.10	27.87
Number of employees with disabilities	people	26	21	30
Female board members	%	11	22	22
Return-to-work rate after childcare leave	%	100	100	100
Social insurance coverage	%	100	100	100

Indicator	Unit	2023	2024	2025
Labor contract coverage	%	100	100	100
Occupational disease incidents	cases	0	0	0
Total training hours	hours	-	131,760.86	156,608.15
Average training hours per employee	hours	-	19.40	22.76
Health and Safety				
Number of employee work-related injury incidents	cases	57	43	42
Lost work hours	hours	25,640	26,152	18,769
Lost-time injury frequency rate per million hours worked	/	4.13	3.15	3.08
Total number of employees trained in EHS	people	6,070	6,512	6,576
Suppliers				
Total number of suppliers	companies	1,157	1,135	1,146
Number of suppliers in mainland China	companies	1,109	1,090	1,102
Number of overseas suppliers	companies	48	45	44



Promoting Green Development Shaping a New Future Together



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