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Shanghai Yaohua Pilkington Glass Group Co., Ltd.

2025 Environmental, Social and Corporate Governance Report

Shanghai Yaohua Pilkington Glass Group Co., Ltd.

Upholding a Green Ambition, Advancing Steady
Development through Innovation



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Preparation Instructions

Report Overview

The 2025 Environmental, Social and Governance Report of Shanghai Yaohua Pilkington Glass Group Co., Ltd. (hereinafter referred to as “this Report”) is the second consecutive ESG report disclosed by Shanghai Yaohua Pilkington Glass Group Co., Ltd. (hereinafter referred to as “SYP,” “the Group,” “the Company,” or “we”). The purpose of this Report is to present to various stakeholders the Company’s actions and performance in environmental, social and governance aspects during 2025. During the preparation of this Report, we fully considered the reading expectations and concerns of different stakeholders and endeavored to make the Report concise, clear, and easy to understand.



Scope of the Report

This Report covers the ESG-related practices and performance of Yaohua Pilkington and its major production subsidiaries. The list is as follows:

Company Name	Abbreviation
Shanghai SYP Engineering Glass Co., Ltd.	SYPE
Tianjin SYP Engineering Glass Co., Ltd.	TSYPE
Jiangmen SYP Engineering Glass Co., Ltd.	JSYPE
Chongqing SYP Engineering Glass Co., Ltd.	CSYPE
Tianjin SYP Co., Ltd.	TSYP
Jiangsu Pilkington SYP Glass Co., Ltd.	JSYP
Dalian SYP Glass Co., Ltd.	DSYP
Changshu SYP Special Glass Co., Ltd.	CSYP
SYP Kangqiao Autoglass Co., Ltd.	SYPKA
Wuhan SYP Kangqiao Autoglass Co., Ltd.	WSYPA
Yizheng SYP Autoglass Co., Ltd.	YSYPA
Changshu SYP Autoglass Co., Ltd.	CSYPA
Tianjin SYP Autoglass Co., Ltd.	TSYPA
Tianjin NSG Safety Glass Co. Ltd.	TSG
Guilin Pilkington Safety Glass Co., Ltd.	GPS

Reporting Period

The reporting period is from January 1, 2025 to December 31, 2025. To ensure the continuity and comparability of disclosed information, the time scope for certain data has been extended both preceding and following this period.

Reporting Cycle

This Report is issued annually, consistent with the Company’s annual report disclosure cycle.

Data Description

All information and data cited in this Report are sourced from the Company’s official documents, statistical reports, financial statements, and other internal records, and have been reviewed by the relevant departments. Unless otherwise stated, the financial data herein are presented in RMB as the functional currency. Unless specified, this Report covers consolidated Group-level data. Where some data cannot fully cover all entities, relevant explanations are provided in the Report.

References / Basis of Preparation

- Global Reporting Initiative (GRI) Sustainability Reporting Standards (GRI Standards)
- Corporate Sustainability Disclosure Standards – Basic Standards (Trial) issued by the Ministry of Finance
- Shanghai Stock Exchange Self-Regulatory Guidelines for Listed Companies No. 4 – Sustainability Reporting
- Shanghai Stock Exchange Self-Regulatory Guidelines for Listed Companies No. 14 – Sustainability Reporting (Trial)
- ESG Indicator System (Version 1.0) for Shanghai State-controlled Listed Companies issued by the Shanghai State-Owned Assets Supervision and Administration Commission

Report Access and Availability

The electronic version of this Report is available on the Company’s official website (www.sypglass.com) and the Shanghai Stock Exchange website (www.sse.com.cn).

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Disclaimer

This Report strictly complies with the laws and regulations applicable to SYP and its subsidiaries at their respective operation locations, as well as the Group’s development strategies. The content of this Report aims to disclose the Company’s performance during the year in environmental, social, and governance aspects, and all information contained herein is for reference purposes only. Readers should independently assess the information presented and consult professional advisors before making any decisions. Yaohua Pilkington is not liable for any direct or indirect losses resulting from uses of this Report beyond its intended purpose.

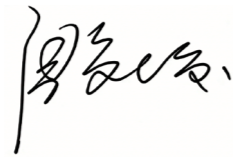
Message from Chairman

Yaohua Pilkington upholds the core value of "Pursuing New Aspirations Forever," continuously empowering the Company's high-quality development through technological innovation and green transformation. Over the years, we have focused on upgrading our product portfolio toward higher value-added and more technologically advanced offerings, consistently strengthening the foundation for sustainable corporate growth.

In 2025, the Company further advanced its strategic deployment in the fields of new energy and new technologies. With the SYP Research and Development Institute serving as the innovation engine, we deepened upstream-downstream industrial integration and concentrated our efforts on key green and low-carbon sectors such as solar TCO glass and high-end automotive glazing glass, thereby building a differentiated and competitive product matrix.

SYP will continue to firmly integrate ESG strategies into all operational processes, contributing to the national "dual carbon" goals through concrete actions. We are committed to supporting ecological protection with the strength of "SYP Power," and to working together with all sectors of society to strive for a brighter, more sustainable future.

Chairman:



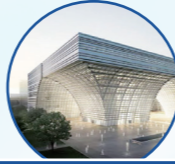


About SYP

Company Profile

Shanghai Yaohua Pilkington Glass Group Co., Ltd. (Stock Code: 600819) is a globally leading innovative glass technology enterprise. Adhering to the corporate philosophy of "Pursuing New Aspirations Forever," the Company focuses on the research, development, production, and sales of glass products, dedicated to providing customers with high-end, intelligent, and green glass solutions. Our product portfolio covers float glass, architectural processed glass, automotive glazing glass and specialty glass, supported by a global service network to meet diverse market needs.

Business Overview

As of 31 December 2025, the Group's business segments and major operating entities are as follows:

Business Segment	Major Operating Entities	Main Products and Services
 Float Glass	Three production bases in Changshu, Tianjin, and Dalian	Production of ultra-clear glass and online Low-E Glass coated glass, ultra-clear float WG conductive glass, online Low-E Glass coated glass for automobiles, TCO coated glass for BIPV and perovskite solar cells, CSP ultra-clear solar thermal glass, electronic glass, and float glass of various automotive-grade thicknesses. Products are widely used in buildings, automobiles, and household appliances.
 Architectural Processing Glass	Four production bases in Shanghai, Tianjin, Jiangmen, and Chongqing	Production of energy-saving and energy-generating glass, offline Low-E Glass coated glass, laminated insulated composite glass, ceramic frit glass, and a full range of high-performance, energy-efficient architectural processed glass. Key product development includes double-curved glass, bent tempered glass, fire-resistant glass, BIPV products, triple-silver Low-E Glass glass, laminated insulated glass, ultra-clear double-silver glass, and oversized/ultra-thick products.
 Automotive Glazing Glass	Seven production bases in Shanghai, Yizheng, Wuhan, Changshu, Tianjin (2), and Guilin	Production of conventional automotive glazing glass as well as development of energy-saving, heated, GPS-integrated smart glass, HUD-compatible coated automotive glazing glass large-size panoramic sunroof glass, digital intelligent automotive glazing glass and smart dimming roof glass featuring multi-functional integration.

Corporate Culture and Vision

The Company is committed to advancing sustainable development through technological innovation. Guided by the development of new quality productive forces, the Company adheres to a technology-driven approach, focusing on both technological and product innovation to enhance high-quality development. By introducing, absorbing, and building upon advanced technological achievements, the Company actively conducts independent R&D and continuously upgrades its innovations—seeking survival through innovation and growth through technology. In pursuit of technological leadership and breakthroughs, the Company has accumulated unique advanced technologies and continuously improves product quality and service levels to meet the diverse needs of global customers.

Guided by its core value of Pursuing New Aspirations Forever," the Company adheres to the business philosophies of "Upstream and Downstream Integration" and "Product Differentiation." It seeks opportunities amid stability to pursue development steadily. The Company is positioned to provide high-performance, high-quality, and environmentally friendly high value-added glass products. Centered around SYP Research and Development Institute as its innovation and R&D hub, the Company aims to achieve its strategic goals: refining float glass to support deep processing, Strengthening Architectural Processing Glass with low-carbon technology at its core, expanding automotive glass primarily focused on coated substrate glass, and pioneering specialty glass characterized by lightweight and intelligent features. These efforts are designed to further enhance the leading and supporting role of technological innovation, continuously improve the core competitiveness and profitability of its main business, consolidate and strengthen the Company's advantages in brand, technology, and market, and drive the Company to become larger, stronger, and better.

Sustainable Development Management

SYP places great importance on sustainable development by integrating ESG principles into corporate governance and daily operations. The Company continuously optimizes its management mechanisms to achieve balanced economic, environmental, and social value, advancing towards a sustainable future together with all stakeholders.

ESG Philosophy

Over the course of its development, SYP has cultivated a distinctive value system and organizational ethos. These principles serve not only as the foundation for steady corporate progress but also as critical pillars supporting the Company's ESG practices. Our ESG philosophy is demonstrated through:

<p>Accountability</p> <p>Accountability: Have the courage to take responsibility, with management personnel remaining flexible and willing to serve in either capacity as required by the organization.</p>	<p>Value</p> <p>Values: We regard customer satisfaction, employee self-fulfillment, corporate development, and social progress as our core values.</p>	<p>Business Philosophy</p> <p>Business Philosophy: Guided by customer experience, driven by meticulous management and differentiated competition, and aimed at increasing Economic Value Added (EVA).</p>
<p>Scientific Approach</p> <p>Scientific Approach: Grounded in facts and supported by data.</p>	<p>Corporate Principle</p> <p>Corporate Principle: Pursuing New Aspirations Forever.</p>	<p>Team Spirit</p> <p>Team Spirit: Align with a shared goal and uphold a commitment to a common belief.</p>

ESG Management System

To systematically advance ESG efforts, SYP has established a comprehensive ESG management system comprising the Board of Directors, the ESG Management Leadership Group, and the ESG Executive Working Group. This structure clearly defines key ESG priorities and responsibilities across all tiers, ensuring that ESG strategies and goals are embedded throughout the Company's operational processes.

SYP ESG Management System

Decision-Making Level

The Board of Directors is responsible for the review and decision-making of matters related to sustainable development. Its primary responsibilities include:

- Studies domestic and international industry trends and sustainability policies to ensure alignment with legal and market developments.
- Oversees ESG-related risk and opportunity assessment, ensuring integration of ESG factors into overall management.
- Reviewing sustainable development strategies and objectives, regularly evaluating key performance indicators (KPIs), and driving continuous improvement;
- Approves the annual Environmental, Social and Corporate Governance Report to ensure compliance and transparency.
- Supervises implementation of ESG work and provides guidance to enhance competitiveness and long-term value.

Management Level

Composed of senior executives, subsidiary leaders, technical and R&D center representatives, Party Affairs Office, HR, and functional department.

- Evaluates and manages material ESG topics, provides recommendations to the Board.
- Allocates key resources (personnel, technology) and identifies, mitigates, and manages sustainability-related risks and opportunities.

Execution Level

Formed by employees across business segments and functions with relevant ESG understanding:

- Coordinates stakeholder engagement and communication activities.
- Leads the preparation of the Environmental, Social and Corporate Governance Report.
- Builds capabilities in ESG management, data analytics, and investor communication.
- Reports progress and outcomes to management regularly.



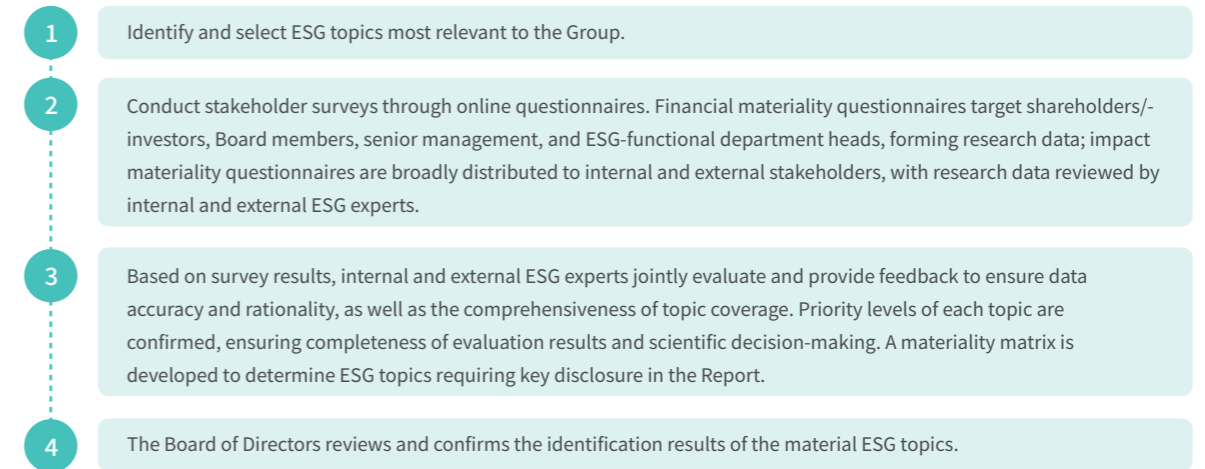
Stakeholder Communication

The company places great importance on the needs and expectations of all stakeholders, continuously optimizing effective and transparent communication channels with them. We attentively listen to stakeholder feedback and opinions, promptly adjusting our objectives based on their input to continually enhance the effectiveness of stakeholder engagement.

Stakeholders	Expectations and Concerns		Communication and Responses	
Government and Regulators	<ul style="list-style-type: none"> Tax compliance Lawful and compliant operations Alignment with national strategies Safe production 	<ul style="list-style-type: none"> Intellectual property protection Environmental protection Biodiversity conservation Anti-bribery and anti-corruption 	<ul style="list-style-type: none"> Comply with laws and regulations Respond to national strategic requirements Accept supervision, inspections, and audits Submit reports and filings 	<ul style="list-style-type: none"> Participate in workshops/seminars Establish internal compliance and control systems Reduce pollutant emissions Increase environmental protection investment
Shareholders and Investors	<ul style="list-style-type: none"> Stable business performance Enhanced shareholder returns 	<ul style="list-style-type: none"> Transparent and timely information disclosure Effective risk management 	<ul style="list-style-type: none"> Hold shareholders' meetings Publish periodic reports and announcements 	<ul style="list-style-type: none"> Uphold prudent operations Conduct investor relations activities
Employees	<ul style="list-style-type: none"> Fair compensation and benefits Safe working environment Career development and training 	<ul style="list-style-type: none"> Humanistic care Channels for democratic participation 	<ul style="list-style-type: none"> Employee representative congresses Employee communication meetings Occupational health and safety training Employee recognition programs 	<ul style="list-style-type: none"> Employee assistance and care initiatives Complaints and whistleblowing channels Factory bulletin boards Internal newsletters
Customers	<ul style="list-style-type: none"> Product quality assurance Stable and timely delivery 	<ul style="list-style-type: none"> Green and low-carbon solutions Responsible marketing 	<ul style="list-style-type: none"> Strengthen quality and safety inspections Customer visits and meetings Customer satisfaction surveys 	<ul style="list-style-type: none"> Product promotion activities Regular follow-up communication Customized solutions
Suppliers	<ul style="list-style-type: none"> Fair and transparent procurement Stable cooperative relationships 	<ul style="list-style-type: none"> Sustainable sourcing requirements 	<ul style="list-style-type: none"> Fair and open procurement processes Supplier surveys and on-site visits 	<ul style="list-style-type: none"> Strengthened qualification review and audits
Industry Peers and Partners	<ul style="list-style-type: none"> Ethical business conduct Mutual benefits and win-win collaboration 	<ul style="list-style-type: none"> Industry advancement 	<ul style="list-style-type: none"> Fair Competition Participation in industry associations 	<ul style="list-style-type: none"> Engagement in standards-setting activities Business exchanges and collaboration
Communities and NGOs	<ul style="list-style-type: none"> Public welfare initiatives Employment opportunities Harmonious community relations 	<ul style="list-style-type: none"> Environmental protection Minimizing disturbances 	<ul style="list-style-type: none"> Community open-day events Charitable donations Volunteer services 	<ul style="list-style-type: none"> Disclosure of environmental monitoring data Joint emergency response mechanisms
Media and the Public	<ul style="list-style-type: none"> Transparent information Brand communication 	<ul style="list-style-type: none"> Dissemination of sustainability practices 	<ul style="list-style-type: none"> Press conferences Updates through official website and social media 	<ul style="list-style-type: none"> Publication of Environmental, Social and Corporate Governance Report

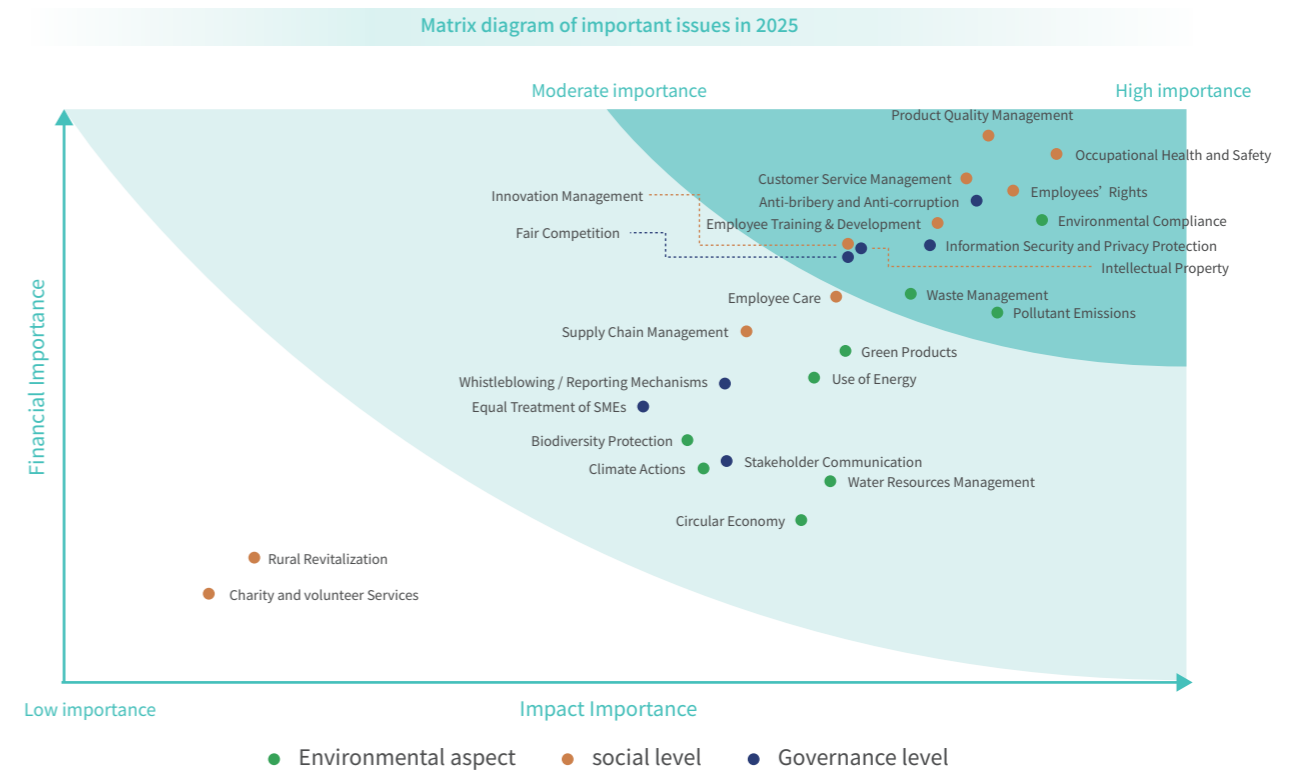
Materiality Analysis

The Company regards the management of sustainability-related topics as a core component of ESG governance and conducts materiality assessments annually, with final review and approval by the Board of Directors. To identify the ESG topics most relevant to the Group and most concerned by key stakeholders, we refer to the *SSE Self-Regulatory Guidelines for Listed Companies No. 14 – Sustainability Reporting (Trial)* and the *SSE Self-Regulatory Guidelines for Listed Companies No. 4 – Preparation of Sustainability Reports*. Through stakeholder questionnaires, feedback sessions, review discussions, and communication meetings, the Company actively gathers insights into stakeholder expectations. Combined with assessments of financial materiality and the significance of the Company's impacts on the environment and society, we determine the relative importance of each ESG topic.



Double Materiality Assessment Results

Based on regulatory requirements and questionnaire surveys, the dual materiality assessment results were synthesized through multi-tiered consultation and collaboration with external experts.



Note: The Company does not engage in scientific research or technology development activities in ethically sensitive fields such as life sciences or artificial intelligence. Therefore, technology ethics is not considered a material topic for the Company.

ESG Recognition and Honours

This group has always adhered to the concept of sustainable development and has been recognized by domestic and international stakeholders and rating agencies in multiple aspects. In 2025, the Group has received numerous ESG honors and awards, including but not limited to:

CIIF New Materials Award

China International Industry Fair (CIIF)



11th Polaris Architecture Award - Supreme Award

Alpha Architecture Technology Forum



Sustainability & Innovation Awards - Innovation Award

British Chamber of Commerce Shanghai, Australian Chamber of Commerce Shanghai, Canadian Chamber of Commerce Shanghai



Craftsman Star Award

The 2nd 910 Window & Door Craftsmanship Festival



Outstanding Supplier Award

Guangzhou Jiangho Curtain Wall System Engineering Co., Ltd



2024 Excellent Quality Award

SAMA Yachiyo (Zhongshan) Automotive Components Co., Ltd.



AA

Lianhe Equator ESG Rating



BBB

Wind ESG Rating



Commitment Medal

EcoVadis Sustainability Rating



ESG Recognition and Honours



Special Topic

Revitalizing Production Lines, Defining the Future: SYP Drives Dual Transformation of “Energy-Generating” and “Energy Efficiency” Through Technological Upgrades

Against the global backdrop of accelerating progress toward the “dual-carbon” goals and China’s rapid construction of a new energy system, SYP, as a leading manufacturer of high-end glass products in China, has embarked on integrating low-carbon concepts into its corporate development strategy. In 2025, the Group initiated a comprehensive technological overhaul of its float glass production line at DSYP. Rather than a routine equipment renewal or an incremental efficiency optimization, the upgrade represents a systemic transformation centered on “energy efficiency, carbon reduction, and production enabling.” Through this melting-section energy-efficiency enhancement and full automation upgrade project, DSYP aims to build a new benchmark for intelligent, green manufacturing in China’s glass industry. The initiative marks a key step toward improving energy utilization efficiency, advancing long-term green transformation, and unlocking synergy between “manufacturing + energy,” thereby propelling SYP into a new stage of innovation-driven development.

Technology-Driven Efficiency Enhancement

DSYP officially launched its melting-section energy-efficiency upgrade and float glass production line automation enhancement project on 23 June 2025. The energy-efficiency upgrade is not merely a short-term technical enhancement but a forward-looking strategic step that ushers DSYP into a new era of intelligent glass manufacturing.

- **Improved Pollutant Treatment Capability:**

Upgrading the core melting furnace comprehensively and adopting full-oxygen combustion technology to systematically reduce emissions of harmful substances such as sulfur dioxide, nitrogen oxides, and particulate matter.

- **Float Glass Production Line Upgrade:**

Advanced intelligent equipment has been introduced to enhance production line automation and intelligent process control, increasing operational stability while elevating the technical performance of the entire production line.

- **Enhanced Waste Heat Recovery:**

A new high-efficiency waste-heat boiler system has been installed, featuring 0.9 MPa steam pressure and steam output of 4.7 tons per hour. Beyond meeting internal production needs, the system also supplies steam to external facilities, effectively reducing carbon emissions.

This technological upgrade is not a simple “repair and replace” engineering effort but a strategic initiative centered on promoting high-quality development. By actively optimizing product structure and accelerating iterative innovation, the project boosts product added value and energy efficiency. It fully reflects SYP’s enduring corporate philosophy of “Pursuing New Aspirations Forever” and demonstrates the Company’s firm commitment to innovation-driven and sustainable development.



The Energy-Saving Upgrade of DSYP Glass Melting Furnace and Automation Modernisation of Float Glass Production Line Project Officially Commences

Driving Production and Efficiency: A Dual-Engine Approach

On 4 December 2025, DSYP held an official commissioning ceremony and global product launch for the “SYP Enabling Series,” unveiling the first “SYP Kunpeng” product lineup. This milestone further enriches the Group’s high-end glass product portfolio.

Solar Energy Glass

Releasing the “SYP Kunpeng GreenCore” TCO conductive glass. This product features high visible light transmittance, precisely controllable sheet resistance, excellent chemical stability, and uniform haze performance, serving as a key foundational material to enhance the photoelectric conversion efficiency of thin-film solar cells such as cadmium telluride (CdTe) and perovskite.

Energy-Efficient Glass

SYP introduced “SYP Kunpeng Warm Ice,” a high-performance online Low-E Glass glass. This product adopts advanced online coating technology with extremely low emissivity and high near-infrared reflectivity, effectively blocking heat transmission and significantly reducing building cooling and heating energy consumption.



Specialty Functional Glass

The Company introduced a new generation of ultra-clear online coated antibacterial glass known as “SYP Kunpeng Pure,” together with an antiviral functional glass named “SYP Kunpeng Shield.” These products extend glass functionality beyond traditional ultraviolet protection and enhance environmental health performance. They also offer innovative application solutions for sectors such as healthcare, household living, and education.

With the full launch of the “SYP Kunpeng” product series, SYP is now positioned at a new historical starting point. Leveraging technological advantages and driven by continuous innovation, the Company remains committed to enhancing product quality, creating value, and offering replicable and scalable models for high-quality green development.



DSYP’s Official Commissioning Ceremony and Launch Event for the SYP Energy-Saving and Energy-Generating Product Series

Beyond Repair, Advancing Toward Green Development

In the 2025 cold repair and upgrade project, DSYP carried out a series of energy-saving transformations. By enhancing the automated combustion control system and installing waste-heat boilers, heat pumps, and rooftop solar energy facilities, the Company significantly reduced carbon emissions while improving the energy-saving performance and efficiency of the melting production line. Looking ahead, SYP will continue to be guided by technological innovation and uphold green manufacturing as a fundamental principle. The Company remains committed to pursuing high-quality and low-carbon development, contributing steadfastly to the realization of China’s Dual-Carbon Goals.

Governance Chapter



Strengthening Foundation, Steering the Future

SYP remains committed to fully integrating Party leadership into all aspects of corporate governance in line with the principle of “Two Consistencies.” The Company has established a modern governance framework with Chinese characteristics, in which the Party Committee provides overall direction, ensures alignment, and oversees implementation; the Board of Directors formulates strategy, makes major decisions, and manages risks; and the management team focuses on business operations, execution, and strengthening managerial effectiveness. This clear division of responsibilities and coordinated operating mechanism serves as an institutional foundation that supports SYP’s steady progress toward long-term sustainable development.

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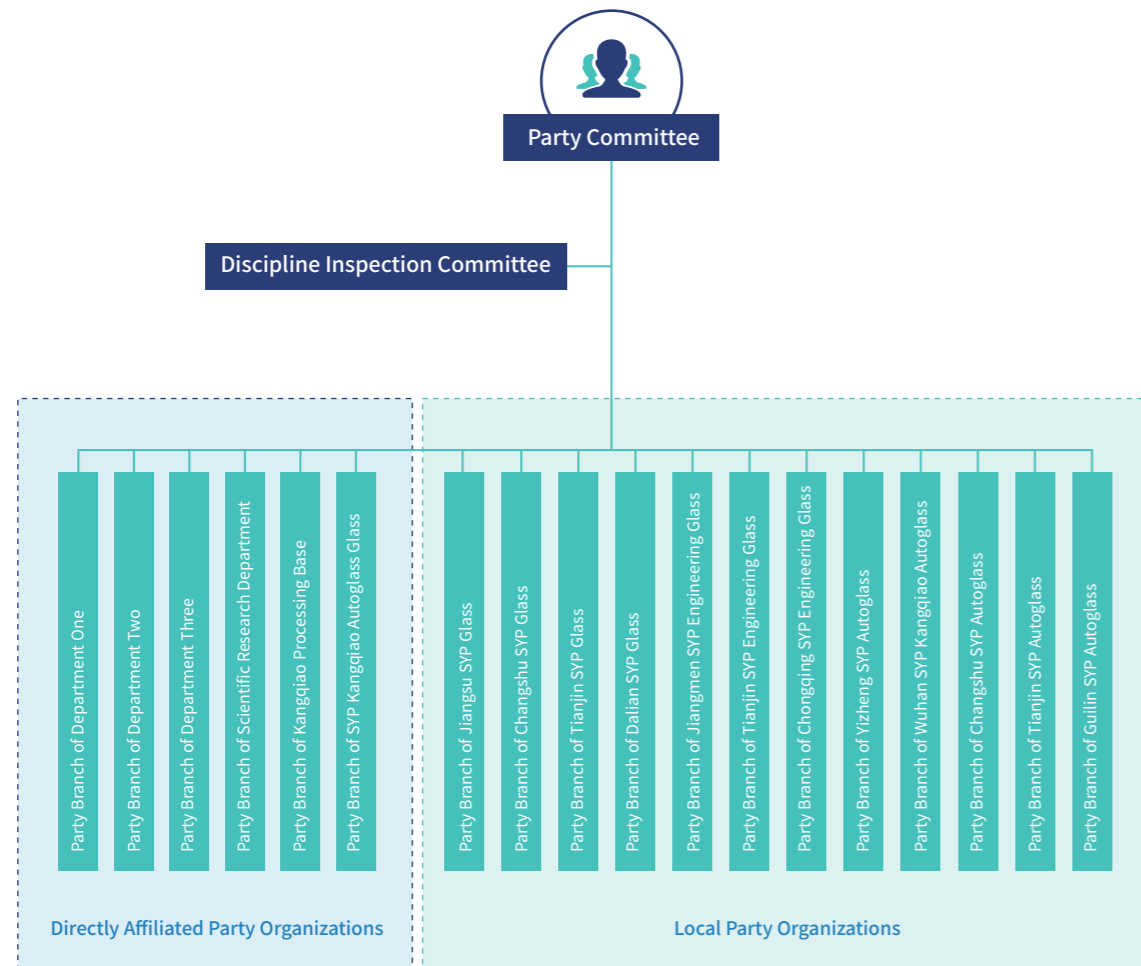
Party Building as the Guiding Force and Governance Foundation

SYP regards Party building as a fundamental pillar for improving the corporate governance system and enhancing governance effectiveness. By strengthening the organizational framework of Party institutions, promoting the deep integration of Party building with business operations, and reinforcing the Party Committee's role in providing direction and oversight on major decisions, the Company continues to consolidate the governance foundation required for high-quality development. This approach provides strong political assurance for stable operations and long-term sustainable growth.

Consolidating the Foundation of Party Building

Strengthening the Organizational System and Ensuring Comprehensive Coverage

The Company continues to refine the structure of its Party organizations to ensure effective coverage across the Group and its subsidiaries. This enables Party leadership to be embedded throughout the processes of reform, development, and production operations. As of the end of the reporting period, the Group Party Committee oversaw a total of 18 Party branches with 287 Party members. Among these, 6 Direct Party Branches comprised 111 members, while 12 Affiliated Party Branches comprised 176 members.



Organisational Structure Chart of the SYP Party Committee

Strengthening Accountability and Consolidating Grassroots Foundations

The Company continues to reinforce ideological and political development by promoting theoretical study through Party Committee study sessions, branch secretaries' lectures, and diversified learning activities. These initiatives guide cadres and young employees to deepen their understanding of President Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, internalize the spirit of the Party's key directives, and translate ideological strength into practical actions supporting green transformation and high-quality development.

Enriched and Diversified Learning Formats

<p>Central Group Study</p> <p>The Party Committee's theoretical study group serves as a key platform for political learning. By establishing regular mechanisms and adopting structured study formats, the Company organizes seminars on General Secretary President Xi Jinping's important speeches and major Party documents. Guiding members of the leadership team in deepening their theoretical understanding through an integrated approach of "study, reflection, deliberation, and action", thereby continuously enhancing their political judgment, political understanding, and political execution.</p>	<p>Party Lectures Delivered by Branch Secretaries</p> <p>Focusing on the exemplary and leading role of the "key minority", the Secretary of the Party Committee delivered thematic Party lectures to guide primary-level Party organizations and Party members and cadres in deeply comprehending the contemporary significance and practical requirements of the Central Eight-Point Regulations. This further solidified the primary responsibilities of primary-level Party organizations, forming a working pattern of top-down transmission and coordinated advancement.</p>
<p>Thematic Party Education</p> <p>By innovating learning formats such as themed film screenings and immersive education sessions, the Company engages Party members, probationary members, and active applicants. These activities deepen ideological alignment and enhance the appeal and influence of Party education.</p>	<p>Institutionalized Study and Research</p> <p>Organizing thematic learning sessions, briefings, and discussion exchanges focused on key management systems such as business travel, official vehicles, and official office spaces. By integrating the requirements for system implementation with the principles of the Central Eight-Point Regulations and its implementation rules, the Company further clarified behavioral boundaries and management expectations, ensuring that grassroots employees and cadres are well-versed in rules and discipline and perform their duties in strict compliance with regulations.</p>

Case Study

Expanded Session of the Central Theoretical Study Group and Fourth Plenary Session Thematic Party Lecture

On October 24, the Group's Party Committee invited Professor Hu, Director of the Research Center for High-Quality Economic Development at China Executive Leadership Academy Pudong, to deliver a thematic Party lecture to all Party members on the current macroeconomic situation and policy analysis. Through this dedicated learning session, the Group further unified its understanding and enhanced the management's capability to analyze and assess the macroeconomic environment, industry development trends, and potential risks. This initiative provided a strong intellectual foundation and decision-making support for scientifically formulating development strategies and prudently advancing the green transformation and high-quality development.



Integration of Party Building and Business Operations

The Company continues to integrate Party building with reform and development, leveraging political advantages to guide the business' s economic growth. Emphasizing green transformation as the priority for high-quality development, Party building efforts are aligned with key strategic tasks, ensuring that Party leadership plays a pivotal role in safeguarding corporate strategy and value creation.

Upholding Party Leadership in Decision-Making

The Company adheres to the detailed implementation of the Party' s "preliminary program" and strengthens its governance framework to ensure that Party committees and boards of directors effectively address the key issues of business development, long-term planning, and the integration of labor and environmental interests. By enhancing the role of decision-making committees, scientific strategy formation, and governance at the board and executive level, the Company continuously improves its governance structure. This ensures that all major issues are considered with both strategic direction and operational execution, fostering effective decisions in business management.



Deepening the Integration of Party Building and Business Operations

The company maintains the principle of integrating Party building with its development strategy through joint planning, deployment and advancement, guiding Party members and officials to play a leading and exemplary role in high-quality development and transformation and upgrading.

Case Study

Leveraging Strategic Development to Build the "Light Chaser" Party Building Brand

The Company has actively built the "Light Chaser" Party building brand, incorporating Party leadership into the corporate development philosophy and innovation practices. "Light" symbolizes Party leadership, which also represents the Company' s deep engagement in the solar glass industry. Under Party leadership, the Company will continue to drive technological innovation, product upgrades, and industry collaboration, while exploring ways to align energy efficiency and green manufacturing with the national carbon strategy.



Brand Logo

Case Study

"One Branch, One Initiative" – Party Building Activities Illuminate the Frontline of SYP

The Company thoroughly implements the spirit of the Central Committee' s eight-point regulations and, through initiatives such as "One Branch, One Initiative," has successfully transformed Party work from "visible coverage" to "effective services." This approach ensures that Party care reaches the production frontline, the research teams, and the everyday lives of employees. For example:

- ▶ Focusing on employees' daily needs, the Company, in collaboration with the union, installed automatic beverage dispensers at the workshop site. Through in-depth negotiations with suppliers, drinks were provided at prices far below the market rate, delivering "small-scale services" to meet "large-scale public needs."
- ▶ During the hot summer months, the Company upgraded the meal offerings in the cafeteria, increasing the number of dishes per meal and offering free green bean soup. Additionally, it distributed cooling products such as essential oils and nasal decongestants, effectively preventing heatstroke risks and reinforcing the safety production line.
- ▶ In response to the political and career development needs of young employees, each branch regularly invites young workers to participate in thematic study sessions, volunteer services, and red education activities, guiding them to align ideologically with the Party and inject continuous "red energy" into the team.
- ▶ For sales employees stationed in remote areas, the Party branches carefully organized the "Warmth Delivery Action," offering thoughtful care packages. From providing daily necessities to mental health support, from holiday greetings to family connections, the initiative turned "working away from home" into "feeling secure on the job."
- ▶ Furthermore, the Company carries out employee leisure and recuperation programs, offering frontline employee' s opportunities to relax and recharge. This initiative transforms the Party' s concern and care into tangible and heartfelt actions that employees can see and feel.

Each of these "small initiatives" has a deep emotional impact, uniting the workforce. SYP, through Party building, has turned organizational strengths into effective services for employees, fostering harmony, and stabilizing the team. This continues to enhance employees' sense of gain, happiness, and belonging, laying a solid "human foundation" for the Company' s high-quality development.

Upholding Integrity and Strengthening Party Discipline

The Company adheres to the principle of strict Party governance and continues to advance Party conduct, integrity building, and anti-corruption efforts. By reinforcing discipline awareness and rules consciousness, improving supervisory mechanisms, conducting integrity talks, implementing warning education, and carrying out special self-inspections on work styles, the Company guides Party members and cadres to perform their duties lawfully and compliantly, fostering a clean, upright, and efficient environment for sustainable development.

Anti-Corruption

SYP strictly complies with the Code of Integrity and Self-Discipline of the Communist Party of China, the Implementation Regulations of the Supervision Law of the People' s Republic of China, and the Provisions on Integrity and Self-Discipline for Leaders of State-Owned Enterprises, among other Party-discipline regulations and national laws. The Company advocates a culture of integrity and explicitly prohibits misconduct such as bribery, embezzlement, extortion, fraud, and money laundering. It places particular emphasis on strengthening oversight in key areas and critical processes, including "three majors and one large" matters, personnel appointments, procurement, and tendering. SYP upholds zero tolerance for violations by discipline-inspection and supervisory personnel, continuously deepening its work on Party conduct and anti-corruption.

During the reporting period, SYP proactively addressed new challenges arising from cross-border operations—such as insufficient procedural standardization, limited supervisory penetration, transparency risks in overseas commission payments, and complexities in managing cross-cultural intermediary partners. In response, the Company worked to establish a practical, effective, and exemplary cross-border anti-corruption governance system aligned with international operations. These efforts enhance SYP' s capability to identify and mitigate cross-border business risks, safeguard state-owned assets, protect national interests and the Company' s reputation, and lay a solid foundation for long-term stability amid an increasingly complex global environment.



In 2025, the Company conducted a risk assessment and identified no significant risks related to corruption. Anti-commercial bribery and anti-corruption training achieved full coverage:

- ◆ Board of Directors coverage
100 %
- ◆ Senior management coverage
100 %
- ◆ All employees coverage
100 %

Cross-border Corruption Governance Programme

Establish a "1+N" overseas integrity and compliance management system

- "1": Formulate and issue the overarching SYP Group Cross-Border Integrity and Compliance Guidelines, clarifying fundamental principles, management frameworks, core requirements and accountability systems.
- "N": The system shall revise or establish core supporting regulations, including but not limited to the SYP Integrity Officer Mechanism, SYP Overseas Commission Management Standards (focusing on payment criteria, procedures, approvals, etc.), SYP Cross-Border Travel Management Measures, SYP Internal Control Management, SYP Business Entertainment Implementation Rules, and SYP Outbound Travel Management System.

Enhancing the Identification and Prevention of Integrity Risks in Overseas Operations

- Launch deployment. The Group Party Committee member shall serve as the head of the leading group, organising the specific implementation by core business units and functional departments including the Float Glass, Processing, and Automotive Glass divisions' Export Departments and Finance Department of SYP.
- Precise investigation. Integrating findings from historical audits and special rectification campaigns, we conducted thorough identification and repeated validation of potential integrity risks and internal control deficiencies across the entire chain of SYP's overseas operations, ensuring investigations were accurate, comprehensive and exhaustive.
- Targeted risk prevention and control. For identified risk points, formulate specific, actionable and effective control measures in accordance with relevant regulatory requirements and operational realities. Pay particular attention to high-risk areas and key positions.
- Mechanisms refined. A comprehensive review and assessment of existing internal control systems have been conducted. Through measures such as refining regulations, optimising procedures, and strengthening safeguards, a robust long-term risk prevention mechanism has been established, encompassing source prevention, process monitoring, and post-event accountability. Relevant outcomes have been consolidated into the "N Core Supporting Systems".

Continuously develop and deepen the Integrity Officer Mechanism

- The mechanism has been formalised. Strictly benchmarking against the requirements for "Integrity Officers for Overseas Branches of State-Owned Enterprises", the "Integrity Officer Mechanism" has been established and refined, clearly defining eligibility criteria, duty lists, reporting channels, and assessment standards.
- Implementation of the system. Establish a tripartite integrity officer team integrating business departments, functional departments and supervisory departments. Prioritise the deployment or designation of officers for key overseas business projects.
- Deep integration. Incorporate the performance and outcomes of integrity officers into Party building assessment metrics. Utilise quarterly review and analysis meetings to ensure integrity requirements are deployed, inspected and implemented alongside operational activities. This guarantees oversight reaches the frontline of operations, overcoming the "last mile" challenge to achieve early detection, early warning and early resolution of risks.

Promote ethical business practices

To further implement integrity management requirements, SYP has established a four-pillar responsibility framework comprising the Party Committee's principal responsibility, the Discipline Inspection Committee's supervisory responsibility, the Party Secretary's primary responsibility, and the "dual-responsibility" obligations of management members. The Company has also developed a comprehensive internal audit and rectification mechanism that operates as a closed loop, enabling systematic and effective prevention and control of integrity-related risks.

In addition, SYP strengthens ideological and political education, reinforces the promotion of integrity culture, and improves personnel selection and appointment mechanisms to ensure rigorous integrity screening for cadres. Measures such as signing the Commitment Letter on Integrity in Professional Conduct help ensure that self-discipline and ethical conduct run through the entire management process.

For all reports and complaints received, the Company adheres to the principle of "mandatory review and mandatory response," ensuring prompt reaction and thorough investigation. This mechanism helps identify and address issues in a timely and effective manner, and the closed-loop rectification process further advances the Company's governance capabilities and continuous improvement.

Case Study

Higher-Level Party Committee Convenes Collective Integrity Talk for Newly Appointed Cadres

On July 9, newly appointed cadres and key personnel of SYP participated in an integrity talk and special study session on work style construction organized by the higher-level Party Committee. The session focused on the spirit of the Central Committee's eight-point regulations and the requirements for integrity in fulfilling duties, providing warning education to guide cadres in strengthening discipline awareness and risk-prevention consciousness at the outset of their new roles.

The meeting emphasized embedding integrity requirements throughout all aspects of duty performance, laying a solid foundation for the Company's standardized governance and high-quality development.



Newly appointed officials attend integrity talks to strengthen the integrity defense line at key positions

Anti-corruption Reporting Mechanism

To maintain an atmosphere and business environment that is clean, honest, and fair, the company encourages employees and relevant parties to actively participate in anti-corruption supervision and jointly build a culture of integrity within the enterprise. Reporters can report any individuals within the company who violate party discipline, national laws, company regulations, or any other actions that harm the company's interests through phone calls, mail, letters, or visits.

The company strictly keeps the personal information of reporters confidential and allows reporters to choose various ways to submit the reporting information, effectively safeguarding the rights of reporters. The company promises not to inquire about the identity of reporters under any circumstances and will not conduct reverse investigations on them. This ensures that reporters have no worries in the future from the institutional perspective.

- Reporting hotline: 86-21-6163 3599
 - Reporting email: stock@syglass.com/dzlxx@syglass.com
- Letter submission method: No. 4-5 Building, 1388 Zhangdong Road, Pudong District, Shanghai (Indicate "Reporting")
- Other methods: Contacting disciplinary committee personnel or reporting in person to the Company's Disciplinary Committee.



Furthermore, the company has strengthened integrity constraints within its legal compliance management framework. Integrity clauses are incorporated into contracts valued below RMB 5 million, while contracts exceeding this threshold are supplemented with integrity agreements. A dedicated whistleblowing hotline is publicly disclosed, enabling partners to report instances of solicitation or acceptance of bribes. This approach effectively safeguards the fairness and integrity of collaborative arrangements.

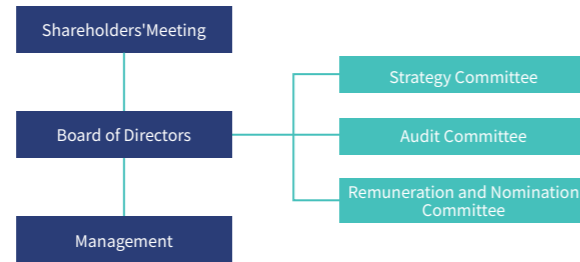
Standardized governance, scientific decision-making

SYP regards a standardized, transparent, and efficient governance system as the cornerstone of sustainable development. The Company adheres to lawful and compliant operations, continuously improves its corporate governance structure, strengthens the Board of Directors' leadership and decision-making functions, and enhances its clearly defined and effectively balanced decision-making and supervisory mechanisms. These efforts build a solid governance foundation that supports the Company's long-term growth.

Governance Structure

SYP has established and continuously refined a corporate governance framework comprising the Shareholders' Meeting, the Board of Directors, and the Management, with clearly defined responsibilities and operating mechanisms for each governance body. The Shareholders' Meeting serves as the Company's highest authority and exercises decision-making power over major matters in accordance with the law. Within the scope authorized by the Shareholders' Meeting, the Board of Directors and its specialized committees deliberate on and oversee matters such as corporate development strategy, significant operational decisions, and risk management. The Management is responsible for implementing the Board's resolutions and carrying out daily business operations.

Through the improvement of deliberation procedures and internal authorization systems, SYP ensures standardized operations of its governance structure, forming a governance mechanism characterized by clear responsibilities, effective checks and balances, and efficient execution. This provides strong institutional assurance for the Company's stable operations and sustainable development.



SYP Governance Structure Diagram

The Board of Directors has established three specialized committees—the Strategy Committee, the Audit Committee, and the Remuneration and Nomination Committee. Each committee has clearly defined responsibilities, operates independently yet in coordination with one another, and supports scientific and objective decision-making, thereby safeguarding the legitimate rights and interests of shareholders.

During the reporting period, the Company revised its *Articles of Association, Rules of Procedure of the Board of Directors, and the Terms of Reference* of each specialized committee. These documents set out clear provisions regarding the authority, responsibilities, and procedural requirements for nomination, appointment, re-election, and removal of directors.

Each Board committee performs its duties in strict accordance with these procedural rules, ensuring that decision-making for major corporate matters is standardized and efficient, thereby strengthening the Company's competitiveness and capacity for sustainable development.

The revision of the composition and management system of the board of directors and its various specialized committees

	Membership Composition	2025 Revised Institutional Documents
Strategic Committee	Comprising five directors, including one independent director.	<i>Rules of Procedure for the Strategic Committee</i>
Audit Committee	Comprising three directors, including two independent directors.	<i>Rules of Procedure of the Audit Committee</i>
Remuneration and Nomination Committee	Comprising three directors, including two independent directors.	<i>Detailed Rules for the Operation of the Remuneration, Assessment and Nomination Committee</i>

Board Development

The Company attaches great importance to the rational composition of the Board of Directors and continues to strengthen its independence and diversity to enhance the comprehensiveness and objectivity of decision-making. The roles of Chairperson and General Manager are held by different individuals. The two positions operate independently with clearly defined responsibilities: the Chairman is primarily responsible for corporate planning and strategic decision-making and presides over the work of the Board; the General Manager reports to the Board of Directors, leads the Company's production and operational management, and voluntarily accepts the Board's oversight.

Aspect of Independence Development

In 2025, the Company revised the Independent Director System and the Rules of Procedure for Special Committees of Independent Directors, requiring that independent directors account for no less than one-third of all Board members, including at least one accounting professional. The revision clarifies the qualification requirements, responsibility boundaries, and role expectations of independent directors, ensuring that they maintain the necessary independence in major decision-making and oversight processes.

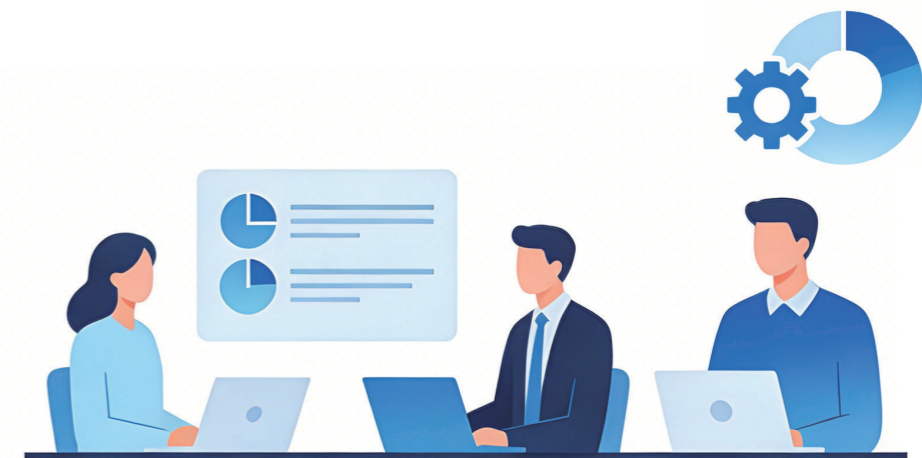
Aspect of Diversity Development

The Company actively promotes a diverse Board structure by comprehensively considering candidates' industry experience, technical expertise, professional background, and alignment between their career stages and the Company's governance needs. This approach supports more professional and diverse perspectives, enhances the Board's capacity in strategic decision-making and risk management, and contributes to the Company's stable and sustainable development.



In 2025

- ◆ the Board consisted of **9** members
- ◆ including **5** shareholder representatives, **1** employee director, and **3** independent directors. Independent directors accounted for one-third of the total Board membership, with professional backgrounds in accounting, law, management, and finance; one director was appointed from overseas.
- ◆ The Board held **10** meetings, deliberated **76** major matters including strategy, planning, budgeting, risk management, and ESG topics. The average attendance rate of Board members reached **100** %.





SYP places strong emphasis on strengthening and enhancing the Board's performance capabilities. The Company has established a Board training mechanism and an annual performance evaluation system to continuously improve the Board's professionalism in strategic decision-making and supervisory functions.

In 2025, the Board conducted one ESG-related training session, and both independent directors residing in China participated in the "Ongoing Training Program for Independent Directors of Listed Companies" organized by the Shanghai Stock Exchange. All directors attended Board and Shareholders' Meetings with diligence and responsibility, actively participated in legal compliance training on the newly amended Company Law of the People's Republic of China, and studied the Company's revised internal regulations. Each director conscientiously fulfilled their duties and exercised prudent judgment in all decision-making processes.

Executive Remuneration Management

SYP places great importance on the remuneration management of senior executives. The Company has established *the Measures for Assessing the Performance and Remuneration of Senior Management*, forming a remuneration distribution mechanism that is closely linked to performance evaluation results and aligned with corresponding levels of risk and responsibility.

The performance appraisal system covers multiple dimensions, including business performance, managerial competence, and contributions to the Company's sustainable development, ensuring that remuneration incentives are aligned with SYP's long-term value and ESG objectives. The Remuneration and Nomination Committee is responsible for supervising the implementation of remuneration policies and reviewing performance appraisal results and remuneration proposals before submitting them to the Board for deliberation and approval, ensuring fairness and transparency.

For example, the 2024 performance assessment results for senior management and their corresponding remuneration allocation plans were reviewed by the Remuneration and Nomination Committee before being submitted to the Board and ultimately approved. During reviews, directors with related-party interests abstained from discussions and voting. In addition, the remuneration of Board members and senior executives is determined based on the established appraisal mechanisms and the Company's operating conditions.

Protection of Shareholder Rights and Interests

SYP highly values the rights and interests of all shareholders, especially the lawful rights of minority shareholders. The Company safeguards shareholders' participation, information access, and voting rights in governance in strict accordance with laws, regulations, and supervisory requirements.

Since its listing, the Company has strictly followed legal and regulatory requirements to convene Shareholders' Meetings, ensuring that shareholders can exercise their rights lawfully. For major matters such as profit distribution, significant investments, and related-party transactions, SYP fully adheres to decision-making procedures and disclosure requirements.

The Company continues to improve internal governance communication mechanisms, promoting effective interaction between shareholders and the Company. By upholding shareholders' rights and aligning them with the Company's long-term value creation, SYP ensures that shareholders can share in the Company's development outcomes.



In 2025

- ◆ General meetings of shareholders convened **1** meeting
- ◆ Reviewed and approved **27** proposals
- ◆ Implemented profit distribution **2** times
- ◆ Total cash dividends distributed amounted to RMB **32.7221** million (Implemented in July and September respectively)

Information Disclosure and Investor Communication

SYP strictly complies with the Administrative Measures for Information Disclosure of Listed Companies and the relevant regulations of stock exchanges, fulfilling its information disclosure obligations in accordance with the law. The Company ensures that all disclosed information is truthful, accurate, complete, timely, and fair. Through periodic reports and ad hoc announcements, SYP discloses information on its operations, financial performance, and material matters in a standardized manner, ensuring that investors fully enjoy their lawful right to information.

The Company continues to enhance its internal information disclosure management and review mechanisms. In 2025, SYP revised its Information Disclosure Management System and Internal Reporting Procedures for Material Information and designated the Board Secretary as the responsible person for information disclosure. By continuously strengthening compliance management and risk control, the Company improves the quality and transparency of information disclosure, upholds fairness and credibility in the capital market, maintains investor confidence, and supports standardized and steady corporate development.

In addition to lawful and compliant disclosure, the Company attaches great importance to communication with investors. During the reporting period, SYP revised its Investor Relations Management Measures to further improve the investor relations management system. Maintaining an open, transparent, and proactive communication approach, the Company strengthened investor engagement through investor briefings, telephone inquiries, the SSE "E-Interaction" platform, and the corporate email channel. SYP carefully addressed questions raised by investors and received investor visits for on-site research, enhancing the effectiveness and transparency of information transmission. These efforts support positive and productive communication between the Company and investors, contributing to the orderly and healthy functioning of the capital market.



Receiving investors visiting the company for research purposes



In 2025

- ◆ Investor hotline calls answered Over **60** calls
- ◆ Performance briefings held **2** sessions
- ◆ Joint institutional investor research meetings **1** meeting
- ◆ Regular institutional research visits **5** visits
- ◆ Private placement roadshows **10** roadshows
- ◆ Achieved, through telephone, SSE E-interactive, and investor briefings, a response rate of **100%**

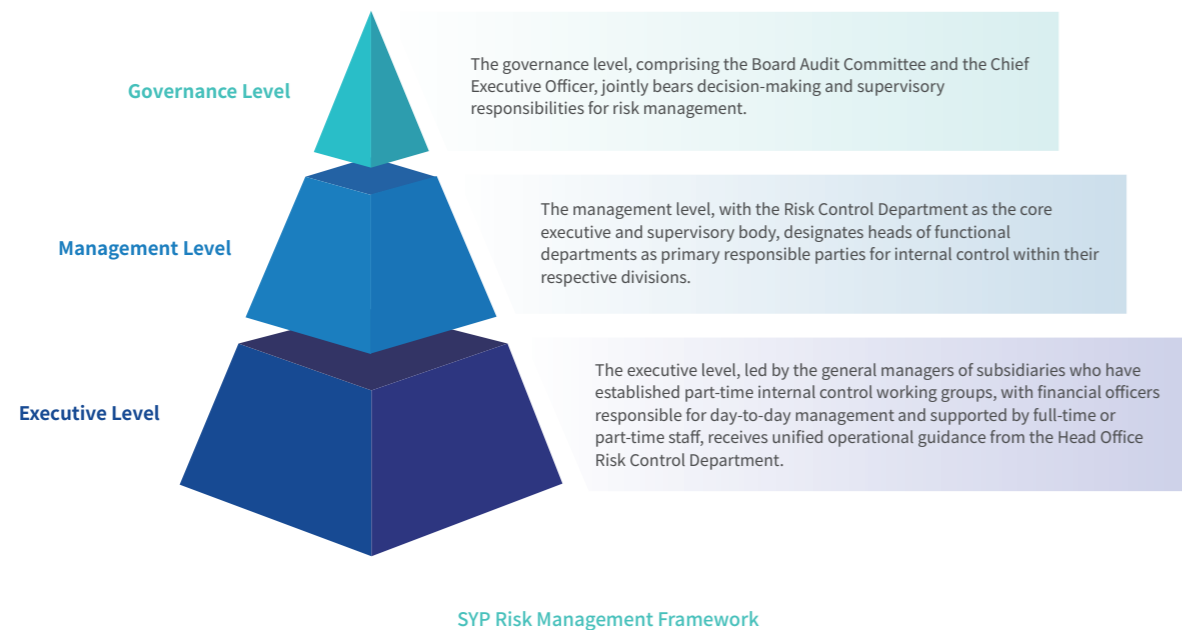
Prudent Management and Risk Prevention

Sound and prudent operations form a crucial safeguard for the company's high-quality development. The Group places great emphasis on compliance management, continuously enhancing its risk management capabilities while strengthening oversight mechanisms. Upholding professional integrity and ethical values, the company embraces the principle that "risk control is the lifeline of the enterprise." This approach effectively mitigates diverse risks, elevating service standards and bolstering market competitiveness.

Comprehensive Risk Management

The company continues to refine its comprehensive risk management system covering both the group headquarters and subsidiaries. It has appointed dedicated risk control and internal audit personnel to strengthen internal risk management and compliance frameworks, embedding risk management throughout corporate governance and daily operations. This approach drives a shift in risk prevention from reactive post-event responses towards proactive identification and ongoing control.

Regarding governance structure, the company has established a three-tier risk management framework comprising:



SYP adopts a combined approach of annual risk assessment and ongoing monitoring to systematically identify and evaluate risk factors related to strategy, operations, finance, compliance, and reputation. Sustainability topics with potential financial impact—including climate change response, environmental compliance, waste management, Water Use Efficiency, product quality, occupational health and safety, employee rights, innovation management, Anti-Commercial Bribery and Anti-Corruption—have all been integrated into the Company's risk management scope. Corresponding control measures and management requirements have been established based on SYP's business characteristics.

In terms of institutional development, the Company has formulated and implemented internal systems such as the SYP Internal Control Management Measures. These systems cover key business processes including capital management, procurement and sales, inventory management, and contract performance, enabling the Company to systematically identify and assess operational risks, clarify risk prevention and control requirements, and define corresponding responsibilities. This supports the standardized and normalized operation of risk management.

During the reporting period, SYP continued to conduct risk identification and assessment in alignment with its operational realities. Regular internal meetings were held to review and summarize the Company's risk management status. Overall, relevant operational risks remained under effective control, providing strong support for the Company's stable operations and sustainable development.



In 2025

- ◆ The Company organized training sessions conducted by professional institutions on risk management and professional capability enhancement, **4** in total.
- ◆ Learning hours completed with professional institutions: **86**. ◆ Legal training sessions participated in: **13**.

Continuously enhanced risk identification, assessment, and response capabilities, providing professional support for the Company's high-quality development.

Strengthening Supervision Through Internal Audit

Building on its risk management and compliance framework, SYP continues to reinforce internal audit supervision to ensure the effective implementation of governance requirements and to establish a closed-loop mechanism for risk prevention and control.

The Company has established a well-developed internal audit system and formulates a detailed annual internal audit plan at the beginning of each year. Before being submitted to the Board Audit Committee for filing, the plan undergoes preliminary deliberation by the Party Committee in accordance with the Company's "three majors and one large" decision-making procedures. Under the guidance and oversight of the Board Audit Committee, internal audit work is carried out independently and covers all departments as well as wholly owned and majority-owned subsidiaries. Audit priorities include the effectiveness of internal control systems and risk management, the accuracy and completeness of financial information, and the efficiency and effectiveness of operational activities.

SYP has formulated and implemented systems such as *the SYP Internal Audit Standards and the SYP Measures for Economic Responsibility Audits*. Internal audit efforts focus on key areas including financial audits, internal control audits, and special audits. The audit process consists of four stages—pre-audit preparation, audit implementation, issuance of the audit report, and follow-up audit—forming a closed-loop cycle of "issue identification – recommendation – rectification supervision – continuous improvement."

During the reporting period, the Company conducted internal audits focusing on key business processes such as credit management, procurement management, inventory management, and sales management. Targeted audit recommendations and risk alerts were issued for identified issues, and the audit team continuously followed up on the progress of rectifications to ensure effective implementation.

SYP attaches great importance to the independence and professionalism of its audit function. The Company arranged for audit personnel to participate in various external training programs, including offline training courses by Polaris, programs offered by the Institute of Management Accountants (IMA) and internal auditors' associations, as well as corporate legal training sessions. These efforts continuously enhance professional capabilities and provide strong support for the Company's stable operations and compliance management.



In 2025

- ◆ Conducted internal audits across **9** production bases and issued **10** audit report
- ◆ Put forward 44 audit recommendations and **39** risk reminders.
- ◆ Recorded incidents of major disciplinary or compliance violations, operational risks, or workplace safety risks: **0** incidents.



Upholding Business Ethics

SYP attaches great importance to business integrity and ethical conduct. The Company strictly abides by the principles of compliance, fair competition and self-discipline, treating integrity as a fundamental requirement for all production and business activities. SYP continuously strengthens its business ethics management system to prevent improper business practices and compliance risks.

SYP strictly complies with the *Criminal Law of the People's Republic of China, the Anti-Unfair Competition Law, the Anti-Money Laundering Law* and other applicable regulations. The Company has established the *Accountability Guidelines* and implemented corresponding anti-fraud and anti-corruption rules to guide employees in correctly handling business dealings with stakeholders such as customers and suppliers. SYP firmly prohibits bribery, money laundering, kickbacks, coercion or any other misconduct that violates business ethics. The Company strengthens management and supervision of key roles and functions including procurement, subcontracting, construction, sales, equipment maintenance, financial management and quality inspection, ensuring strict integrity requirements throughout major processes and critical positions to foster a standardized, orderly and fair market environment.

In managing conflicts of interest, SYP has clearly defined conflict-of-interest scenarios and requires employees to avoid personal gain that may conflict with the Company's interests. Reporting and avoidance mechanisms are in place to prevent improper connections and communication risks. The Company prohibits employees from engaging in part-time employment or external investments that may affect independence or compliance. If misconduct is identified, SYP will act in accordance with the Employee Code of Conduct and the Supplier Management Regulations, and involved suppliers may be blacklisted.



By 2025

- ◆ The employee coverage rate of anti-commercial bribery and anti-corruption training reached **100 %**
- ◆ Contracts with business partners terminated due to commercial bribery or embezzlement **0**
- ◆ Litigation cases related to unfair competition **0 cases**

Intellectual Property Protection

SYP regards intellectual property (IP) as a strategic asset essential to core competitiveness and long-term development. The Company has built an integrated IP management system covering creation, utilization, protection and management. SYP strictly complies with the *Patent Law, Trademark Law, Regulations on Patent Cooperation Treaty (PCT)* and other domestic and international IP regulations and has formulated and continuously refined the IP Management Measures, establishing a risk-controlled IP protection system across R&D, production and sales.

Leveraging its robust protection system, SYP has been recognized as a "National Intellectual Property Advantage Enterprise" and a "Shanghai Intellectual Property Demonstration Enterprise."

Intellectual Property Management Architecture

IP Management Committee

1. Implement national IP laws, administrative regulations, and government IP strategies.
2. Formulate corporate IP strategy and management system.
3. Approve annual IP plans and supervise execution; 4. Review IP transfers and licensing.
5. Review IP-related rewards;
6. Oversee external IP matters including litigation.

Professional Management Team

1. Implement corporate IP strategy.
2. Supervise execution of IP management.
3. Handle patent applications, trademark registration, software copyrights, technical secrets and related work.
4. Manage IP confidentiality.
5. Handle IP disputes and litigation.
6. Monitor global IP trends and prevent infringement.
7. Participate in IP transfers, licensing and contract review.
8. Manage import/export IP matters.
9. Maintain patent/trademark documentation.
10. Support employee innovation.
11. Review IP confidentiality agreements.
12. Conduct employee IP training.

IP Liaison Officers

1. Assist execution of IP tasks within departments.
2. Maintain statistics and reporting for patents, trademarks, software and copyrights.
3. Support IP management processes.



In 2025

- ◆ Newly granted patents added **22 patents in total**
- ◆ Invention patents granted **4 patents**
- ◆ Utility model patents granted **17 patents**
- ◆ Design patents granted **1 patent**

Patent portfolio focused on core areas such as energy-efficient glass, automotive glazing glass, and intelligent manufacturing, advancing sustainable development through intellectual property protection.

- ◆ Software legalization rate as of the end of 2025 **100 %**
- ◆ Valid granted patents held as of the end of 2025 **336 patents in total**
- ◆ Invention patents held **58 patents**
- ◆ Trademarks held **66 trademarks**
- ◆ Trademarks registered domestically **63 trademarks**
- ◆ Trademarks registered overseas **3 trademarks**

Case Study

TSYPE Secures New Patent for "Low-E Glass Coated Glass Colouring Layer, Its Preparation Method and Applications"

On 29 August, TSYPE was granted an invention patent entitled "Low-E Glass Coated Glass Colouring Layer, Its Preparation Method and Applications". This invention provides a color-tuning layer for Low-E coated glass, along with its preparation method and application. It enables a coat-first-temper-later process, supports off-site processing, and avoids issues such as oxidation and peeling of the coating layer after tempering heat treatment. The invention reduces reprocessing, lowers coating scrap rates, and extends product lifespan. It facilitates the widespread application of energy-efficient glass in the construction sector, thereby promoting building energy conservation and carbon emission reduction across the entire lifecycle.

Information Security Management

The company attaches great importance to information security and data protection, considering it as a crucial foundation for stable operation and digital development. The company has established an information security management organizational structure under the overall coordination of the information security leadership group and the specific execution of the information security working group. It has formulated and continuously improved relevant management systems for network security and information security, clearly defined responsibilities and divisions of labor, implemented the information security responsibility system, and promoted the standardized operation of the information security management system.

Information Security Leadership Group

Comprises the Company's President as the Group Leader, the Leader in charge of informatization as the Deputy Group Leader, and the respective heads of various departments and subsidiaries as Group Members.

Information Security Working Group

Comprises the IT Manager of the Company's Information Department as the Group Leader, the respective heads of various departments/subsidiaries and IT engineers from the Information Department as Group Members.

Information Security Officer

A dedicated position held by an IT engineer from the Company's Information Department.

Database Administrator

A dedicated position held by an IT engineer from the Company's Information Department.

System Administrator

A dedicated position held by an IT engineer from the Company's Information Department.

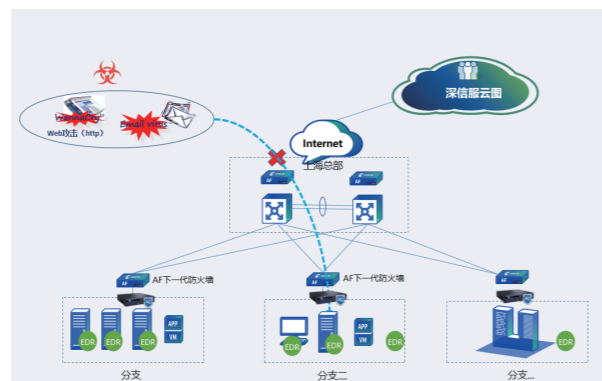
Network Administrator

A dedicated position held by an IT engineer from the Company's Information Department.

耀皮玻璃网络安全组织机构



At the technical and management levels, the company has established an information security protection system covering networks, endpoints, and application systems tailored to its business characteristics. Through measures such as firewalls, endpoint protection, and behavior management, it has strengthened defenses against cyberattacks and abnormal activities. Concurrently, the company is advancing its cybersecurity level protection efforts in compliance with regulations. Its portal website, ERP system, and office systems have passed Level 2 assessments under the cybersecurity level protection framework, with ongoing efforts to maintain compliance through periodic re-evaluations. Recognizing the high sensitivity of data and technical information in its automotive glass business, the company has obtained the highest TISAX certification level, AL3, demonstrating information security management capabilities that meet international automotive industry standards.



Corporate Security Planning and Implementation

In terms of data security and protection of customer privacy, the company has legally formulated and implemented various systems such as the Personal Information Management System and Account and Password Management. It adheres to the principle of minimum authorization, implements classified management, encrypted storage, and strict access control for customer and employee information, effectively ensuring the compliance and transparency of information usage. At the same time, the company continuously strengthens the construction of data backup and emergency response capabilities, conducts cybersecurity drills and information security training, enhances employees' safety awareness and risk response capabilities, and promotes the integration of information security requirements into daily business operations, providing strong support for the company's digital transformation and sustainable development.



In 2025

◆ Information security incidents with significant impact experienced

0

◆ Training sessions conducted on information security and customer privacy protection

2 sessions

◆ Customer privacy leakage incidents occurred

0

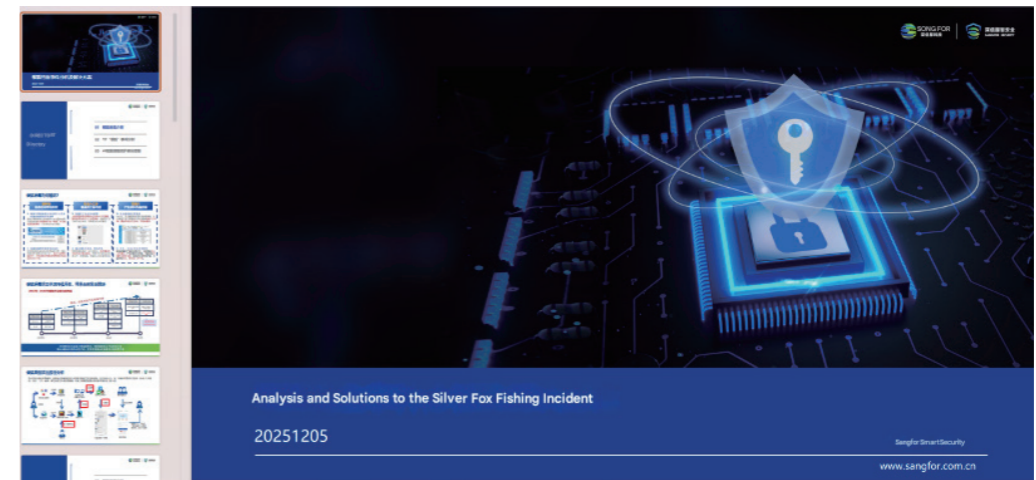
◆ Employee participation coverage rate reached

94%

Case Study

Rapidly Respond to Phishing Risks and Build a Robust Information Security Barrier

In December 2025, SYP identified a phishing email risk incident during its routine information security management. The company immediately activated the information security emergency response mechanism, isolated and handled the related terminals, and simultaneously conducted system checks to promptly block the potential risk spread, without affecting business operations and important data. After the incident, the company jointly analyzed the incident with professional security service institutions and completed the upgrade of the security protection system based on the new attack characteristics. At the same time, by improving security policies and strengthening employees' cybersecurity awareness training, the overall information security defense and risk response capabilities were continuously enhanced. The effective handling of this incident further verified the reliability of the company's information security management system and emergency mechanism, providing a strong guarantee for the stable operation and digital development of the enterprise.



The company conducted a post-mortem analysis of the incident.

In the realm of digital transformation, the company has established a digital management platform that comprehensively covers its entire business chain. This has resulted in an information architecture centered on ERP, underpinned by MES, and featuring multi-system collaboration. Initial internal data interoperability has been achieved, propelling SYP's transition from traditional manufacturing to a digital enterprise.

Environment Chapter



Green Development and Low Carbon Responsibility

SYP places environmental protection at the core of its development strategy and strictly complies with national and local environmental laws and regulations. The company not only incorporates environmental impact assessment requirements into project design and construction but also promotes comprehensive standardization and lean management during production and operations. By continuously optimizing processes and improving energy efficiency, the company strives to enhance productivity while reducing resource consumption and mitigating environmental pollution, thereby fulfilling its commitment to green development.

Energy Conservation and Resource Efficiency	33
Emission Management and Clean Operations	40
Climate Action and Proactive Carbon Management	45

Energy Conservation and Resource Efficiency

SYP strengthens integrated environmental management, enhances the efficiency of energy and water resource utilization and promotes the green and circular use of packaging materials. Through continuous efforts to reduce energy consumption and pollutant emissions, SYP ensures stable production operations while supporting the company's low-carbon transition and sustainable development.



Environmental Compliance Management

Environmental Management System Development

SYP fully adopts ISO 14001 environmental management system standards and rigorously implements the Cleaner Production Audit mechanism to strengthen compliance with national and local environmental regulations. Each subsidiary develops an environmental management system aligned with its production characteristics, regional policies and operational needs. Environmental protection work generally follows a tiered management structure under the supervision of the Safety and Environmental Protection Committee, while the Environmental Protection Department takes responsibility for organizing implementation, awareness promotion, data collection and reporting procedures. All departments cooperate to ensure routine inspection and supervision of environmental protection tasks.

Many of the company's production bases have awarded ISO 14001 environmental management system certification. Following the principles of prevention first and full-process control, SYP has formulated and implemented the *Environmental Protection Management Measures*, *Environmental Incident Management Measures*, *Environmental Management Manual*, *Hazardous Chemicals Safety Management Measures* and *SYP Pollution Incident Emergency Response Plan*. These systems form a comprehensive environmental management framework covering daily environmental protection, hazardous material control and emergency handling of environmental incidents. The framework supports business units in achieving stable emissions in line with standards and ensures the effective implementation of cleaner production requirements. The company has also established a structured environmental management and supervision mechanism to reduce energy consumption and emissions per unit of product, strengthen environmental risk management and safeguard stable operations, thereby forming an important foundation for long-term compliant and sustainable development.

Environmental Emergency Response and Awareness Enhancement

The company embeds environmental risk prevention and control into daily operations and strengthens source prevention and process management through system building to reduce uncertainties arising from environmental risk factors. All subsidiaries follow regulatory requirements to establish emergency response mechanisms for sudden environmental incidents, formulate emergency response plans such as the *Emergency Response Plan for Sudden Environmental Incidents*, complete scenario-based plans and provide institutional support for tiered response and standardized handling of environmental emergencies.

Represented by JSYP, the company promotes digital transformation in environmental management by implementing real-time monitoring and automated alerts for key emission indicators such as wastewater and exhaust gas. This enables the shift from post-incident handling to early warning and process control, significantly improving abnormal discharge detection and the accuracy of environmental management.

At the same time, the company continues to strengthen employees' environmental awareness by routinely organizing training on environmental protection knowledge, hazardous chemical spill handling and energy conservation and emission reduction, ensuring that staff develop strong environmental risk management skills. The company also promotes regular emergency drills for hazardous chemical leaks. Among these initiatives, JSYPE leveraged World Environment Day to organize environmental volunteer activities, using diverse forms of engagement to deepen employees' environmental protection awareness.

Case Study

JSYPE Special Clean-Up Campaign for World Environment Day

In June 2025, in response to World Environment Day and to practice green development principles, the company organised a volunteer service team to conduct an internal environmental clean-up campaign at the JSYPE factory premises. During the event, volunteers worked in groups to conduct comprehensive inspections and clean-ups of core public areas including production workshops, raw material and auxiliary storage zones, and green belts within the factory grounds. They focused on collecting scattered litter such as cigarette butts, paper scraps, and plastic bottles, while also organising the arrangement of various production materials and operational tools.

This initiative not only effectively purified the production and office environment at the JSYPE site but also reinforced environmental responsibility awareness among all staff through practical action, embedding the principle that "green production is everyone's responsibility" at the operational level.



Case Study

SYPE Conducts Emergency Drill for Chemical Spill Response

In May 2025, the subsidiary SYPE conducted a specialized emergency drill for chemical spill incidents at the wastewater treatment station and hazardous waste storage area. Led by the Safety and Environmental Protection Management Department, the drill involved operators from the wastewater treatment station as well as emergency rescue and communication personnel, simulating a scenario in which chemical waste liquid leaked during storage.

Immediately after the simulated incident occurred, on-site personnel stopped operations and reported the situation, triggering a rapid emergency response. The rescue team quickly established a safety perimeter, evacuated personnel and used containment dikes and absorbent materials to control and clean the leaked waste liquid to prevent the spread of contamination. Meanwhile, the communication team promptly completed the dissemination of information and coordinated necessary resources. The entire drill was executed in an orderly manner and resulted in no injuries or secondary environmental impacts.

The post-drill review confirmed that the emergency response plan demonstrated strong operability. This exercise significantly enhanced employees' risk awareness and standardized response capabilities, strengthening the practical foundation for the company's environmental compliance management and risk prevention.



During the reporting period,

- | | | |
|--|---|---|
| ◆ Environmental compliance risk incidents recorded
0 incidents | ◆ Pollutant detection compliance rate stood at
100 % | ◆ Environmental protection facilities operated at
100 % |
| ◆ Implementation rate of the "three simultaneous" for construction
100 % | ◆ Conducted environmental protection training
64 sessions | ◆ Environmental protection training
48.5 hours |

Efficient Utilization of Resources

SYP has always adhered to the concept of energy conservation and reduced consumption, as well as alleviating environmental burden. It takes standardized management as the starting point and continuously improves the management processes of energy and water resources. By promoting lean production, it not only enhances labor productivity but also reduces energy waste and pollution, achieving the dual goals of resource conservation and environmental improvement.

Energy Management

The company continuously enhances its energy management system with reference to the ISO 50001 standard. Each subsidiary has established a management mechanism led by an Energy Management Center and assigned dedicated personnel to oversee energy-related tasks, forming a three-tier energy management network covering the company, departments and workshops. Supported by an online energy monitoring system, SYP enables real-time monitoring and refined control of major energy sources including electricity, natural gas and fuel oil. In parallel, the company has developed and implemented a series of standards such as the *Energy Statistical Data Quality Management System, Energy Measurement Management System, Energy Conservation Management System and Guidelines for Setting Energy Targets and Indicators*, which clearly define requirements for statistical data quality, measurement management, baseline establishment and target allocation. These measures promote institutionalized and normalized energy management. At present, most subsidiaries of the company have obtained ISO 50001 energy management system certification and routinely carry out energy audits.

Based on the specific production and operational conditions of each subsidiary, SYP formulates differentiated and precise energy planning and management targets to promote efficient energy use and green transformation. TSYPE was the first to complete the calculation of key energy baselines such as comprehensive energy consumption per unit of product for 2025 and, on this basis, established its 2026 energy control target requiring a two percent reduction relative to the baseline.

Focusing on four key areas, namely equipment energy-saving upgrades, cascade utilization of energy, refined energy consumption control and clean energy substitution, the company has formulated and implemented a series of energy-saving and carbon-reduction actions as follows.

Iterative upgrading of energy-saving equipment

Energy-saving equipment upgrades include procuring and deploying energy-efficient production equipment and completing energy-saving transformations for key equipment such as tempering furnace blowers, laminated glass high-pressure air systems and circulating air ducts in laminated glass production rooms. The company has also replaced halogen and fluorescent workshop lighting with LED lighting to reduce energy consumption at the point of use.

Case Study

Energy-Saving Upgrades at Changshu Base

In 2025, SYP's Changshu base implemented systematic energy-saving upgrades to its float glass production line, focusing on reducing energy consumption and enhancing energy efficiency. By optimizing the combustion system, heat recovery, and key equipment operating parameters, the initiative effectively lowered natural gas and electricity usage while boosting production efficiency. Through continuous refinement, the line's comprehensive energy consumption per unit of product now significantly outperforms industry averages. It has been recognized as a national "energy efficiency leader" in key sectors, providing robust support for the Group's green manufacturing initiatives and the global expansion of its low-carbon products.



Production Layout of Changshu Base

Optimization of energy consumption control system

Optimization of energy consumption control system: Establish an energy consumption monitoring, analysis and benchmarking management mechanism. Through process optimization and energy-saving technology transformation, continuously improve the energy utilization level.

Promotion of clean energy substitution

Promotion of clean energy substitution: Install photovoltaic power generation facilities, participate in green electricity certificate trading, steadily increase the proportion of clean energy in the power consumption structure, and reduce indirect carbon emissions from production and operation. Among them, TSYP has been the first to achieve full coverage of green electricity.



During the reporting period,

- The company's total consumption of clean energy, including energy generated by its own solar power systems and purchased green electricity, amounts to:

76,154,400 kWh

- Clean energy usage accounted for

17.37%

Certificate Display:



TSYP Green Electricity Consumption Voucher



TSYP Energy Management System Certification Certificate

Water Resource Utilization

The Company places a high priority on the efficient use and circular management of water resources. It requires all subsidiaries to establish dedicated management departments, strictly comply with national and local water conservation laws and regulations, and develop supporting policy documents such as the *Water Conservation Management Responsibility System and the Water Conservation Management Quota Reward and Punishment System*. Through standardized management, the Company aims to reduce water resource consumption and improve water use efficiency.

Concurrently, the company adheres to the principles of water conservation and scientific water usage, systematically undertaking risk and opportunity analysis within the field of water resource management.

Category	Risk / Opportunity	Assessment Description	Response Measures	Impact Timeframe	Materiality Level
Risk	Water supply infrastructure weakness	Supply disruptions caused by accidents at external water suppliers or pressure fluctuations may significantly impact production operations.	<ol style="list-style-type: none"> 1. Increase the company's self-reserve of backup water. 2. Adjust water storage based on enterprise scale and operational needs to enhance backup water efficiency. 3. Increase the circulating use of water resources. 	short-term	High
Risk	Water pollution	Production processes may generate wastewater, and improper treatment may result in contamination of nearby water bodies.	<ol style="list-style-type: none"> 1. Maximize wastewater recycling and treatment to reduce discharge. 2. Invest in higher quality wastewater treatment equipment to improve treatment efficiency and quality. 3. Conduct regular monitoring of water quality and strictly control discharge to ensure early detection and prevention of potential risks. 	Long term	Medium
Risk	Planned water use	Local authorities may implement tiered water pricing or adjust annual water quotas. Exceeding quotas may increase operating costs and reduce profitability.	<ol style="list-style-type: none"> 1. Regularly track and measure industrial water use and analyze the efficiency of production water consumption. 2. Optimize activities with low water-use efficiency. 	Long term	Low
Risk	Water treatment system overflow	Water treatment systems may overflow due to extreme weather events such as heavy rain or flooding, potentially causing contamination of surrounding water bodies.	<ol style="list-style-type: none"> 1. Install monitoring devices and activate drainage equipment in advance to reduce the impact of overflow on water treatment systems. 2. Monitor weather alerts and implement targeted measures to reduce the impact of adverse weather on the water recycling system. 	short-term	High
Opportunity	Water recycling and reuse	By employing water treatment and recycling systems, the company can achieve water resource reuse, reduce freshwater consumption and lower environmental impact.	<ol style="list-style-type: none"> 1. Select high-quality equipment for wastewater, concentrated water and reclaimed water recycling and reuse. 2. Measure water consumption precisely and improve the efficiency of water recycling. 	Long term	Medium

The company adopts process optimization; facility upgrades and rainwater resource utilization as core approaches to continuously reduce the intensity of new water extraction and lower its dependence on external water resources by improving water reuse systems and developing rainwater collection infrastructure. All subsidiaries have established targets for planned water use and recycled water use and advance implementation year by year.

In practice, CSYPE has built supporting systems for sedimentation and reuse of wastewater from edging processes and for the recycling of cooling water used in coating processes. At the same time, the subsidiary has constructed rooftop rainwater collection pipelines and storage facilities, enabling the collected rainwater to be used across multiple scenarios including cleaning, landscaping irrigation and water required for edging operations. TSYP has introduced innovative refined water-saving measures, including using concentrated reject water from reverse osmosis systems for filter backwashing, raising the temperature of municipal raw water in winter to increase output efficiency of the reverse osmosis system, applying precise metering of raw material preparation water, recycling glass washing water into the circulating water system for secondary use and prioritizing rainwater for road spraying and landscaping irrigation using water trucks, thereby significantly reducing municipal water consumption.

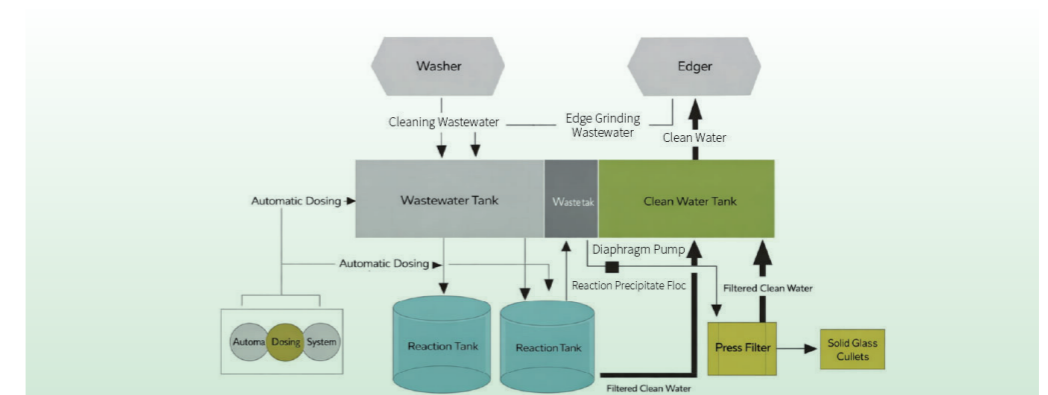
At the same time, the company implements full-process control of production water use by leveraging water metering and monitoring systems to continuously track water consumption across key processes and critical points, accurately identify water-saving potential and optimize operational management. In addition, SYP promotes water conservation awareness among all employees through various forms of communication such as internal briefings, leaflets and posters under the theme of “transforming water-use concepts, promoting water recycling and building a water-saving enterprise,” thereby strengthening company-wide commitment to water conservation.



Case Study

Optimization of Water Resource Recycling at the TSG

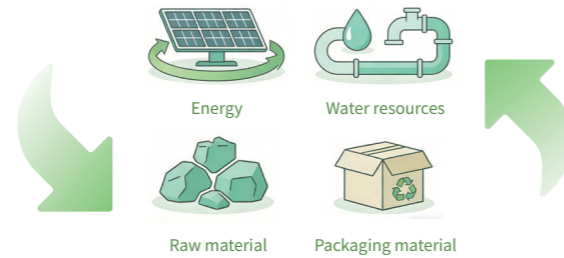
In 2025, TSG launched an upgrade project for grinding wastewater treatment to address issues related to aging sedimentation equipment, unstable water quality and high consumption of new water. The project transformed the existing water tanks into an aeration tank, clean water tank and sludge tank and added new facilities including reaction tanks and a dosing system. These enhancements enabled chemical dosing reactions for grinding wastewater, separation of wastewater and sludge and the recycling and reuse of treated water. After commissioning, the upgraded system delivered stable, compliant grinding water quality capable of supporting expanded production capacity. The use of domestic water supplementation was eliminated, and the consumption of new water was reduced by approximately 1,400 tons per month. Through a low-cost technical upgrade, the project realized closed-loop water resource management and demonstrated the effective integration of water-saving practices with production operations, delivering significant green practice outcomes.



TSG Panel Grinding Water Treatment Upgrade Project

Circular Economy

The company enhances resource utilization efficiency and reduces resource consumption per unit of product as its core objective, establishing a circular economy model that focuses on energy, water, raw materials and packaging materials to advance reduction and recycling across four major domains. Clear implementation plans have been formulated to guide this work.



Through process optimization, SYP minimizes waste generation at the source and achieves 100 percent recycling and reuse of cullet. The company also collaborates with downstream enterprises to sign agreements for the recycling of discarded raw materials, building a closed-loop raw material reuse system. At the same time, by introducing front-end flue gas detection technology and optimizing the batching process with precise control of raw material inputs, the desulfurization team advances projects for the recycling of desulfurization ash and is expected to reduce raw material loss rates by approximately 15%.

Taking SYPKA as an example, the Company advances its circular economy practices by anchoring quantitative targets: achieving a 100% recycling and utilization rate of solid waste from production, and increasing both the comprehensive utilization rate of grinding waste residue and the recycling rate of production water to 80%. To ensure implementation, the Company has established a dedicated support mechanism, including allocating a special circular economy budget of no less than 10% of its operating revenue, setting up cost ledgers to account for benefits separately, and integrating the recycled material input ratio and the energy consumption reduction rate into departmental KPIs. These measures are expected to drive cost reductions of over RMB 8 million for SYPKA and achieve a return on investment of no less than 5% for circular economy projects, thereby realizing synergistic improvements in both environmental and economic performance.

Green Packaging Circularity

The Company has incorporated the green recycling of packaging materials into its Group-level resource efficiency and circular economy governance system. Dedicated departments, such as the Finished Product Departments of its subsidiaries, are designated to manage packaging materials specifically. By issuing policy documents including the *Specifications for Packaging Material Recycling*, *Regulations on the Inbound and Outbound Management of Steel Packaging Racks*, and the *Management Process for U-Frames in Finished Product Warehouses*, the Company has established a standardized and regulated mechanism for packaging circular management.

The company takes green packaging circularity as its entry point and focuses on reducing single-use packaging and improving the efficiency of circular packaging. In logistics and distribution, reusable circular packaging is prioritized, adopting simplified packaging methods and replacing traditional wooden crates with metal racks to reduce material usage. Subsidiaries also apply localized logistics practices to progressively promote lightweight packaging and circular reuse.

Each factory develops tailored packaging optimization solutions based on its product characteristics, resulting in multiple practical outcomes. JSYPE prioritizes low-carbon and green packaging concepts to reduce logistics and packaging costs by shifting from wooden crate packaging to steel rack transportation. By increasing rack turnover frequency, reducing disposable packaging and optimizing packaging procurement and disposal, the factory achieves both economic efficiency and environmental benefits. TSG optimized its packaging material selection by replacing large foam blocks with cushion pads, achieving a reduction in packaging consumables while improving loading efficiency (for example, the loading capacity per box of the DA9 product increased from 90 to 97 pieces), simultaneously reducing the procurement cost of wooden crates. SYPKA comprehensively adopts circular packaging made from durable materials, using steel racks as the core structure and incorporating components such as glass isolation frames and protective foam materials to achieve circular reuse. TSYP upgrades its packaging rack structure to a U-shape design, further improving packaging convenience, handling efficiency and reusability.



TSYPn changed its packaging material from plug boxes to U-frames

Emission Management and Clean Operations

The company has consistently prioritised and committed to environmental protection, maintaining a balanced approach to corporate development and environmental stewardship. We strictly adhere to national and local environmental laws, regulations, and relevant provisions. Environmental impact assessment procedures are rigorously implemented during project development, while production operations strictly comply with environmental requirements. The company continuously refines its environmental standardisation management system to achieve multiple objectives: pollution prevention, resource conservation, and ecological preservation.

Pollution Discharge Management

Most subsidiaries under SYP have established and obtained certification for the ISO 14001 environmental management system. Under the Group's coordinated strategic deployment, each subsidiary cooperates with its Safety and Environmental Protection Committee and Safety and Environmental Protection Department to advance pollution prevention and control work, supported by internal regulations such as the *Environmental Protection Management Measures* and the *Online Monitoring System Management Measures*.

Water Pollution

The company strictly complies with national and local wastewater discharge standards, including the *Integrated Wastewater Discharge Standard*, and treats wastewater based on classification. By adopting circular use and combining reuse with compliant discharge, SYP effectively manages domestic and production wastewater while emphasizing resource recovery. Third-party environmental monitoring organizations are commissioned for regular inspections to ensure wastewater meets discharge standards as required by national laws and regulations. For example, TSYP adopts a treatment process consisting of aeration, biological contact oxidation, fine filtration, activated carbon absorption and membrane filtration. After treatment, COD can be reduced by 64%, BOD by 55%, SS by 84% and ammonia nitrogen by 30%.



Air Pollution

The company actively responds to supervision from environmental authorities by installing waste gas treatment facilities and adopting compliant operational practices throughout production. Measures include reinforced mechanical ventilation, activated carbon adsorption treatment and installation of oil fume purification equipment. Dust generated during grinding and polishing is collected through bag filters, and third-party environmental monitoring firms are engaged for routine testing to ensure emissions meet national legal requirements. For example, DSYP's newly constructed ceramic honeycomb catalytic desulfurization and denitrification system achieves a desulfurization efficiency of over 85% and SO2 removal efficiency of 95%.



The company consistently prioritizes pollution prevention as its core objective, actively advancing the development of a digital management system to achieve pollutant reduction through precise control. It vigorously promotes clean production models and continuously upgrades existing projects with technological enhancements, thereby minimizing environmental impact at source. Concurrently, the company regularly organizes specialized environmental awareness training to deepen environmental consciousness among all personnel. Routine emergency response drills for simulated environmental incidents are conducted to continually enhance practical capabilities in preventing and managing such occurrences, thereby ensuring pollutant emissions pose no adverse effects on employees or local community residents.

Case Study CSYP Environmental Cleaning Production

In 2025, CSYP actively carried out environmental governance improvement efforts, applying advanced clean production technologies. By introducing advanced integrated desulfurization, denitrification, and dust removal technologies, the company's smoke emissions were significantly lower than the national emission standards. At the same time, it actively configured the utilization of renewable energy, equipped with photovoltaic power generation systems, partially replacing traditional electricity. In the fuel for the melting kiln, the use of clean natural gas was increased to replace part of the ethylene tar. The company established a three-level management system of "overall coordination by the Safety and Environmental Committee, implementation by the Safety and Environmental Department, and implementation by departments". In 2024, it was awarded the title of "Outstanding Enterprise in Environmental Management", and in 2025, it was commended by the Suzhou Environmental Protection Department for its outstanding results in environmental self-examination and self-correction.

Waste Management

The company strictly complies with laws and regulations such as the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste* and the *Measures for the Prevention and Control of Environmental Pollution by Waste Hazardous Chemicals*. A standardized waste management system has been established by the Safety and Environmental Protection Department, supported by a series of internal documents including the *Hazardous Chemicals Safety Management System*, the *Solid Waste and Domestic Waste Management Regulations* and the *Waste Management Operating Manual*.

For general industrial solid waste

SYP adheres to compliant waste disposal as its core objective and has built a clearly categorized and well-regulated full-process disposal system. For general industrial solid waste, the company implements full-cycle management in strict accordance with legal procedures, from standardized collection and compliant storage to orderly transfer, all of which are carried out by professionally qualified third-party institutions to ensure that every step meets industry standards. For recyclable waste such as glass powder, SYP actively promotes resource recycling by reintegrating recovered materials into production processes, achieving both resource value conversion and environmental benefits.

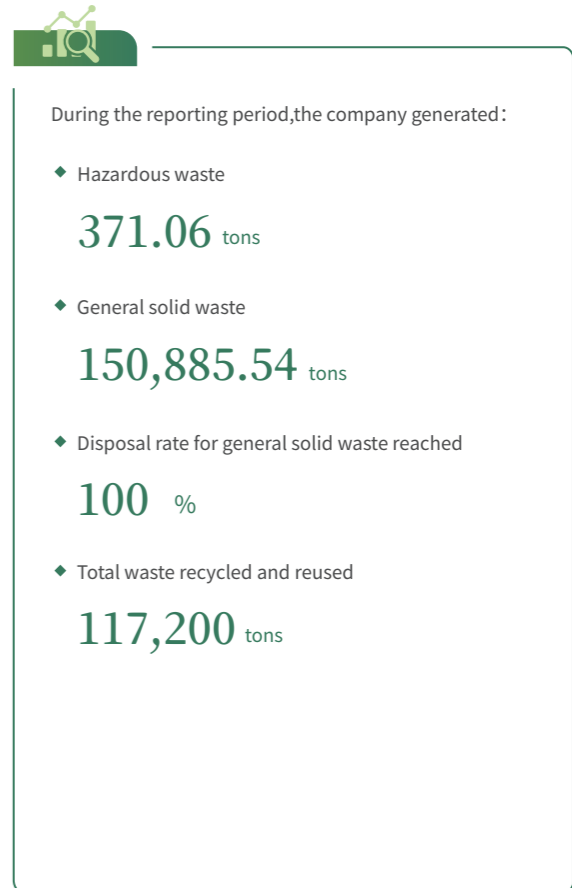
For hazardous waste

For hazardous waste, a lean management mechanism has been established. By setting up dedicated ledgers for hazardous waste utilization and disposal, as well as transfer manifests for hazardous waste, the company ensures precise categorization and dynamic tracking of various hazardous waste types. SYP further strengthens the management of collection, storage, reporting and transfer processes in strict accordance with regulatory standards and cooperates with licensed third-party disposal organizations to ensure the harmless treatment of hazardous waste through specialized disposal technologies.

In addition, the company places strong emphasis on capacity building and risk prevention related to waste disposal. On the one hand, SYP provides specialized training on hazardous chemicals and hazardous waste management, covering safety management systems, hazardous waste classification, post-packaging treatment and emergency response procedures. On the other hand, the company organizes targeted emergency drills for hazardous waste leakage incidents, such as simulations of oil drum spills, using systematic training and practical exercises to reinforce its environmental safety defenses.

Ecological Management of Production Sites

SYP incorporates ecosystem and biodiversity protection into its strategic core and strictly complies with laws and policies such as the *Environmental Impact Assessment Law of the People's Republic of China* and the *Opinions on Further Strengthening Biodiversity Conservation*. The company actively responds to the *Opinions of the CPC Central Committee and the State Council on Advancing the Comprehensive Construction of a Beautiful China* and has established a full-process ecological protection system.



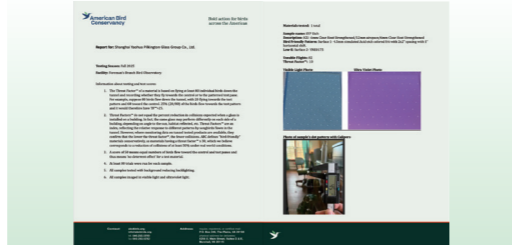
During the project planning stage, the company has implemented an ecological pre-assessment mechanism by engaging professional institutions to conduct biodiversity and habitat impact assessments to ensure that plant construction respects ecological redlines. In the production and operational phase, SYP enhances ecological performance through measures such as preserving native vegetation, building rainwater collection systems, constructing photovoltaic carports and implementing multi-layer landscaping to increase green coverage and habitat friendliness. The company also organizes routine tree-planting activities to continually improve the ecological environment of its production sites.

From a technological innovation perspective, SYP leverages its BIPV photovoltaic glass and bird-friendly special glass products to support carbon reduction, energy efficiency improvement and habitat protection in the construction sector. Looking ahead, the company will continue to enhance the diversity, stability and resilience of ecosystems and set an industry benchmark for ecological civilization development.

Case Study

SYP's Bird-Safe Glazing: Safeguarding Urban Lifelines Through Environmental Stewardship and Responsibility

In densely populated urban centres across North America and China—including Shenzhen and Hong Kong—bird collisions with glass curtain walls have emerged as a significant ecological concern. Annually, tens of thousands of birds perish before glass structures – not merely a cost of urban development, but a stark warning about humanity's relationship with nature. Guided by its commitment to life and the environment, SYP has integrated bird collision prevention technology into its product development framework. By optimising glass reflectivity and structural configuration, it significantly reduces bird collision risks without compromising natural light or visual aesthetics. Its bird collision prevention glass series has undergone testing at the American Bird Conservancy (ABC) laboratory. Results indicate its TF threat factor can be reduced to 10, meeting international standards for bird-friendly glass. In practical building applications, this reduces bird collision risks by over 50%. This not only demonstrates SYP's environmental commitment but also provides a tangible solution for sustainable urban development.



Case Study

JSYPE Special Greening Initiative for Arbor Day


To mark Arbor Day, JSYPE actively practiced the concept of green development by focusing on ecological protection and environmental enhancement within the plant area. The company organized employees to carry out a dedicated improvement project for the Phase II greenbelt, creating a model practice of corporate ecological stewardship. At the event site, participants collaborated efficiently with clear task allocation and advanced work such as replanting greenery, renewing soil, clearing weeds and trimming shrubs in an orderly manner. Through systematic ecological enhancement of the original greenbelt, the project enriched vegetation layers through scientific replanting and improved soil and plant growth conditions through refined maintenance, enabling the plant's landscaping to evolve from basic greening to higher-quality and more vibrant ecological greenery.



TSYP Arbor Day Tree-Planting Event

Environmental Culture Development


SYP is firmly committed to supporting the global climate governance objectives of the Paris Agreement and adhering to China's "Dual Carbon" goals. We have holistically integrated the philosophy of green development throughout our value chain. Furthermore, in alignment with the TCFD framework, we have developed a comprehensive climate change management system covering governance, strategy, risk management, and metrics & targets. This approach continuously strengthens our capacity to manage climate-related risks and reinforces our core competitiveness.



Promoting Green Offices and Practicing Energy Conservation

The company fully implements a green office model and adopts multiple measures to reduce resource consumption in office operations.

- Electricity conservation: SYP strictly enforces the "power off when leaving" rule, requiring employees to turn off air conditioning, lighting and personal office equipment when leaving their workstations to eliminate standby energy waste and enhance energy efficiency.
- Water conservation: Employees are encouraged to develop efficient water-use habits. For scenarios such as cafeteria dishwashing, SYP promotes a "remove residue before rinsing" method to reduce unnecessary water consumption.
- Paper conservation: The company actively advances paperless office practices by using digital office systems to optimize workflows and reduce the printing of paper documents, effectively lowering the consumption of office supplies.



Strengthening Environmental Training and Deepening Awareness of Cleaner Production

To reinforce the foundation of cleaner production, SYP places great importance on employee environmental training and awareness-building and has established a systematic training and practice framework.

- Policy education: Training sessions are used to communicate environmental laws, regulations and standards to all employees to strengthen compliance awareness and enhance environmental literacy and professional competency.
- Specialized Training Conducted: Prior to the clean production audit, industry experts were invited to organize specialized training, enabling the company's technical personnel to systematically study the background, development trends, core concepts, and practical methods of clean production. The training was closely integrated with the company's existing clean production achievements, focusing on enhancing problem identification and analysis capabilities. It helped employees deepen their understanding of the connotation and value of clean production, laying a solid ideological foundation for the audit process.
- Encouraging suggestions: The company simultaneously conducts a campaign to collect rational improvement suggestions for cleaner production, motivating employees to participate actively and fostering a culture in which "everyone contributes, everyone practices" green development.



Climate Action and Proactive Carbon Management

SYP has resolutely responded to the global climate governance goals set out in the *Paris Agreement*, deeply implemented the national "carbon neutrality" strategic deployment, and fully integrated the green development concept into the entire industrial chain operation. At the same time, the company referred to the TCFD disclosure framework and established a climate change management system from four dimensions: governance, strategy, risk management, and metrics and targets, continuously enhancing its ability to cope with climate risks and core competitiveness.

Strengthening Climate Governance

SYP has established a climate governance system with the Board of Directors as the highest decision-making body and promotes climate change management across the company through top-down governance. The system consists of the Board of Directors, management and the ESG working group. Based on the ESG management architecture, the company clearly defines responsibilities for climate governance to ensure orderly and effective implementation of climate-related initiatives.



Board of Directors

As the highest decision-making body in the climate governance system, the Board is responsible for formulating the company's climate-related strategies and providing overall guidance for climate governance.

Management

Serving as the core executive body for climate management, management is responsible for identifying, ranking, analyzing and managing climate risks and opportunities, formulating climate-related targets and supervising and supporting the implementation of climate initiatives. Progress and major climate responses are reported to the Board of Directors.

ESG Working Group

As the execution layer for climate-related tasks, the ESG Working Group is responsible for promoting and implementing specific climate initiatives, ensuring precise execution of climate actions and reporting progress and climate risk responses to management.

SYP anchors its commitment to the dual carbon goals, employing a dual-drive strategy of "energy generation and energy conservation" to establish a systematic climate change management framework. Through conducting annual specialised analyses of climate risks and opportunities, and integrating core business scenarios such as construction, photovoltaics, and automotive, it precisely identifies various climate-related risks and opportunities, implementing a tiered response mechanism.

Risk / Opportunity Type	Main Category	Specific Risk / Opportunity	Likelihood	Impact Magnitude	Timeframe	Affected Value Chain Segment	Priority Ranking	Potential Financial Impact
Transition Risk	Policy and Legal Risks	Subsidiaries may be included in local carbon markets. As dual-carbon policies tighten, more subsidiaries may enter carbon markets, increasing compliance requirements and costs.	High	Medium	Short and Long Term	Operations	Medium	Operating cost increase
		As climate policies continue to deepen, there is potential acceleration in the implementation of national mandatory energy policies. If the company fails to meet requirements, production and operations may be affected.	Medium	Medium	Medium-Term	Operations	Medium	Operating cost increase
	Technology Risks	Growing demand for green and low-carbon products will increase R&D and innovation costs for low-carbon technologies.	Medium	Medium	Medium and Long Term	Operations	Medium	Operating cost increase
	Market Risks	Customers increasingly demand lightweight glass products with high added value and energy efficiency. If SYP cannot meet downstream low-carbon requirements, market share and revenues may decline.	High	High	Short and Medium-Term	Downstream	High	Revenue decline
Increased procurement costs for low-carbon raw materials and renewable energy.		Medium	High	Short and Medium-Term	Upstream	High	Operating cost increase	
Physical Risk	Acute Physical Risks	Typhoons, rainstorms, flooding and snowstorms may impact plant facilities and logistics, leading to supply chain disruptions.	Medium	High	Short and Medium-Term	Upstream / Operations / Downstream	Medium	Fixed asset damage; higher operating costs
	Chronic Physical Risks	Rising average temperatures may affect long-term operational stability.	Low	Medium	Medium and Long Term	Operations	Low	Operating cost increase
Opportunity	Policy and Legal	Government incentives and subsidies promote industrial transformation and encourage low-carbon upgrades, potentially generating policy-driven benefits.	High	Medium	Short and Medium-Term	Operations	High	Operating cost reduction
		By strengthening energy-saving and emission-reduction efforts, surplus carbon allowances may generate economic benefits for SYP.	Medium	Medium	Short and Medium-Term	Operations	Medium	Revenue increase
	Product and Service	SYP continues to expand its market space by leveraging its differentiated product advantages and technological strengths, such as energy-efficient glass, TCO conductive glass, and smart dimming glass.	High	High	Medium and Long Term	Operations/Downstream	High	Revenue increase
	Energy Source	Utilizing renewable energy and improving resource efficiency to reduce operational costs.	Medium	Medium	Medium and Long Term	Operations	Medium	Operating cost reduction

Responding to Climate Risks

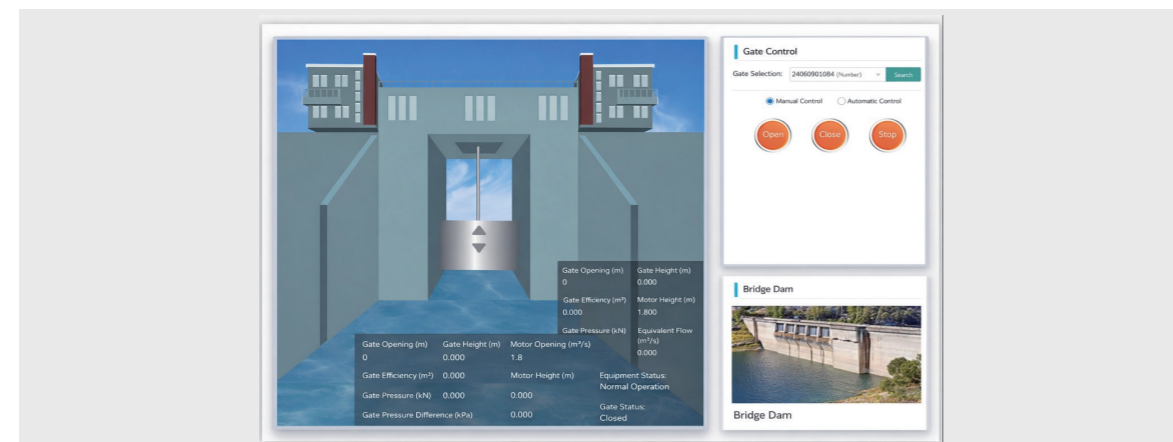
The company has established a full-cycle climate risk management system and developed documents such as the *Risk and Opportunity Control Procedure*, the *Identification and Evaluation Procedure*, the *Key Environmental Factors Checklist*, the *Environmental Objectives, Indicators and Management Plan* and the *Risk and Opportunity Response Procedure*. Led by the ESG Working Group, SYP has built a normalized mechanism for identifying, assessing, classifying and responding to climate-related risks and opportunities. Regular systematic research is conducted on climate-related risks and opportunities to form institutionalized and structured strategic responses, ensuring the company's stable and sustainable development.



Solutions

Implementing Intelligent Monitoring and Prevention

The company addresses climate change challenges through intelligent monitoring systems. On the one hand, it closely tracks extreme weather patterns, establishes rapid-response emergency management protocols, and develops preventative measures for chronic climate risks. On the other hand, it focuses on flood prevention requirements by implementing smart upgrades to the rainwater discharge gates at its Tianjin base. Leveraging IoT technology, these upgrades enable remote and local automated control, achieving "unmanned operation with second-level response" to effectively withstand heavy rainfall.



Enhance the carbon management system

The company has steadily established and refined its carbon management system. Both TSP and TSPY have been incorporated into the Tianjin carbon market trading scheme. Not only do they consistently meet their annual compliance obligations in full and on schedule, but they also cooperate with third-party verifiers to complete the carbon emissions verification process for the preceding year. Concurrently, the company actively organises and participates in training programmes to enhance carbon emissions management capabilities.

Promoting energy conservation and consumption reduction

SYP advances energy conservation and consumption reduction through multi-site collaboration: The Changshu facility focuses on process and equipment upgrades, optimising core components such as melting furnaces, recuperators and coolers, achieving significant energy savings and placing its production lines among the industry's most energy efficient. GPS implements air compressor technical upgrades and overhead crane extension projects, realising electricity savings, emissions reductions, cost reductions and efficiency gains. The company concurrently establishes green factories, actively responding to energy conservation and emissions reduction development plans.

Using clean energy

The company is implementing multiple measures to advance clean energy adoption and optimise its energy structure: promoting the use of green electricity, transitioning factory vehicles from petrol to electric power, and deploying photovoltaic power generation to increase its share of consumption; optimising the energy management system, introducing advanced energy-saving technologies, raising the proportion of low-carbon fuels used, and comprehensively expanding clean energy application scenarios.

Focusing on Green Technology

SYP concentrates on developing green, low-carbon technologies. Capitalizing on the construction industry's green transition and the automotive sector's intelligent development, it has created emission-reducing products such as TCO, Low-E Glass, and A-Green body-coloured glass. By refining production processes, upgrading production lines, and introducing intelligent systems, the company has reduced energy consumption and carbon emissions per unit of product. Its technological achievements have gained industry recognition.

Supporting the Circular Economy

SYP champions circular and green development. While ensuring product quality, it refines processes to minimise waste and achieves 100% recycling of broken glass. Innovative front-end detection technologies for denitrification and desulphurisation enable precise control of raw material usage. The company advances waste ash recycling projects to reduce raw material losses, employs reusable packaging materials, and enhances circulating water utilisation rates. These comprehensive measures maximise the value of waste materials.

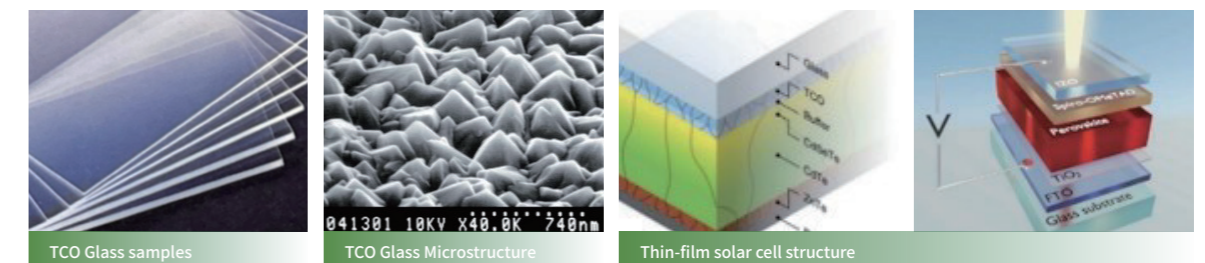
Developing Green Products

SYP adheres to its corporate philosophy of "Pursuing New Aspirations Forever", aligning closely with the demands of building energy efficiency, intelligent new energy vehicles, and energy transition. The company has established a green product system centred on "energy conservation and energy generation", achieving an upgrade from materials supplier to solutions provider. This has earned recognition both domestically and internationally, establishing SYP as a benchmark for green enterprises.

► TCO Conductive Glass (Float Process)

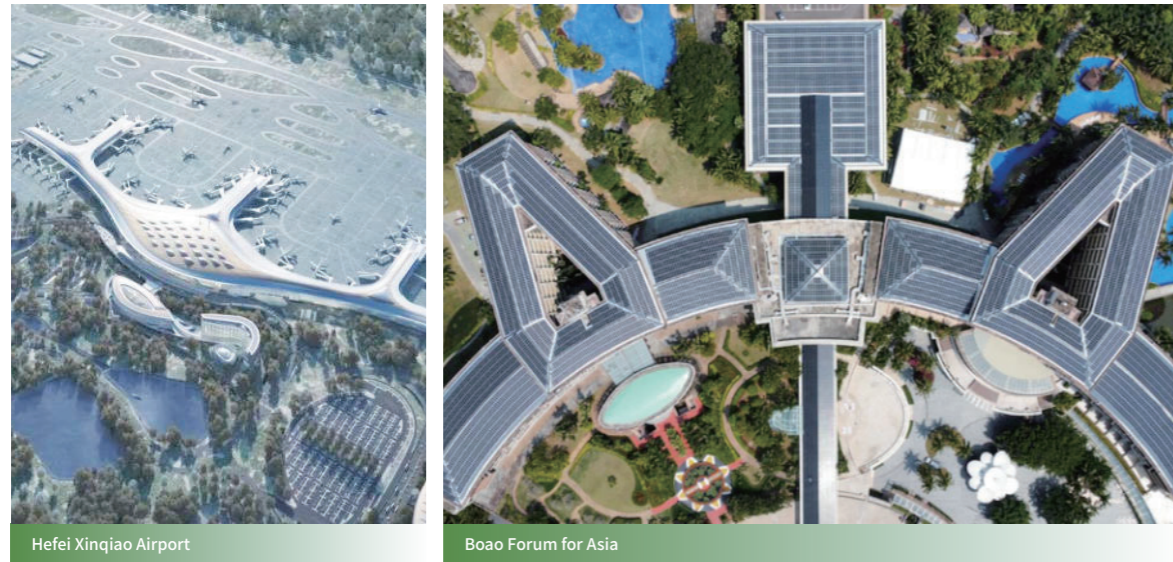
TCO (Transparent Conductive Oxide) glass is a transparent conductive coated glass produced through a Chemical Vapor Deposition (CVD) process. It features high optical transmittance, excellent electrical conductivity, and stable physicochemical properties, while also being environmentally friendly. These characteristics make it an ideal substrate material for thin-film solar cells such as cadmium telluride, perovskite, copper indium gallium selenide and amorphous silicon.

SYP's 1.8 mm TCO glass, compared with conventional 3.2 mm TCO glass, reduces weight by 35 percent. This lightweight advantage makes it well suited for photovoltaic applications with stringent weight requirements, including rooftop systems, agricultural greenhouses and vehicle-mounted solar modules.



► **SYP BIPV Power-Generating Glass (Architectural Processing Glass)**

Building-integrated photovoltaics refers to the integration of solar power generation materials onto the building's exterior glass; while maintaining the functions of the building's glass enclosure, lighting, viewing, and decoration, it also endows the building glass with the function of generating electricity, using the building's exterior area for power generation. This technology enables buildings to transition from being energy-consuming to energy-producing, unlocking new value for buildings, and becomes a new type of distributed photovoltaic power station, achieving immediate power generation and use, without long-distance transmission, with zero loss, and with peak and off-peak load balancing.



► **Extra-large size coated energy-saving Low-E Glass skylight glass: (Automotive Glazing Glass)**

SYP's ultra-large-sized coated energy-saving Low-E Glass sky curtain glass. The main product size reaches 2×1.3 meters, which can meet the maximum size application requirements of current automotive industries for sky curtain glass. The company has continuously increased investment in equipment research and production capacity construction. Now, it has the production capacity for 2.2×1.5-meter ultra-large-sized products, precisely matching the panoramic sky curtain customization needs of new energy vehicle manufacturers, and creating SYP's distinctive product solutions with differentiated competitive advantages.

► **Intelligent dimming glass: (Automotive Glazing Glass)**

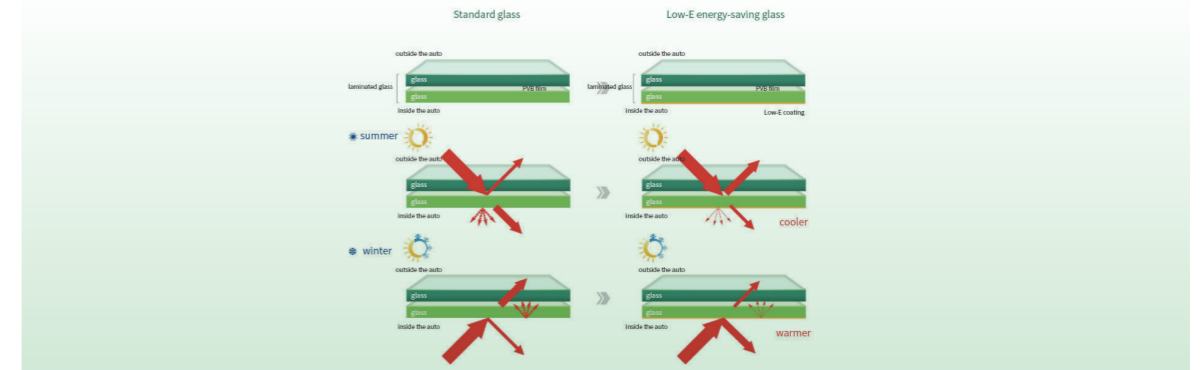
The company has laid out three core light control technology routes: PDLC, EC, and LC. Leveraging its profound coating technology foundation, it adopts the "double silver + Low-E Glass + light control film" composite process, which enables intelligent regulation and precise management of visible light, infrared rays, and ultraviolet rays. This enables it to precisely meet the diverse needs of new energy vehicles in the fields of low energy consumption, high energy efficiency, and intelligent control.

► **Chemical tempered laminated car door glass: (Automotive Glazing Glass)**

The outer layer of the chemical tempered laminated car door glass is made of 4 mm tempered glass, while the inner layer is 1.1 mm laminated glass. Through the PVB interlayer, it can effectively reduce the noise inside the vehicle under extremely high rigidity, meeting the development requirements of frameless car doors for new energy vehicles.

► **Low-E Glass Glass for Automotive Applications: (Automotive Glazing Glass)**

DSYP introduced the online coating technology from Grav Iburg in Europe. Using the chemical vapor deposition process, the gas-phase raw materials are deposited on the surface of the high-temperature glass to form a highly adhesive and durable coating layer. Its products A2PG and A2PGAR, with their outstanding Low-E Glass energy-saving properties, can block the outdoor solar heat from entering the vehicle in summer, reducing the heat load inside the vehicle (PBS) and alleviating the heat sensation on the driver's and passengers' heads; in winter, they effectively lock in the interior heat, reducing the energy consumption of the air conditioning. Currently, these two products have been applied to the full roof windows of over 40 models of car brands such as SAIC, GAC, FAW, Toyota, and Honda, and have received excellent market feedback.



► **Heat-activated electrically heated snow-melting glass: (Architectural Processing Glass)**

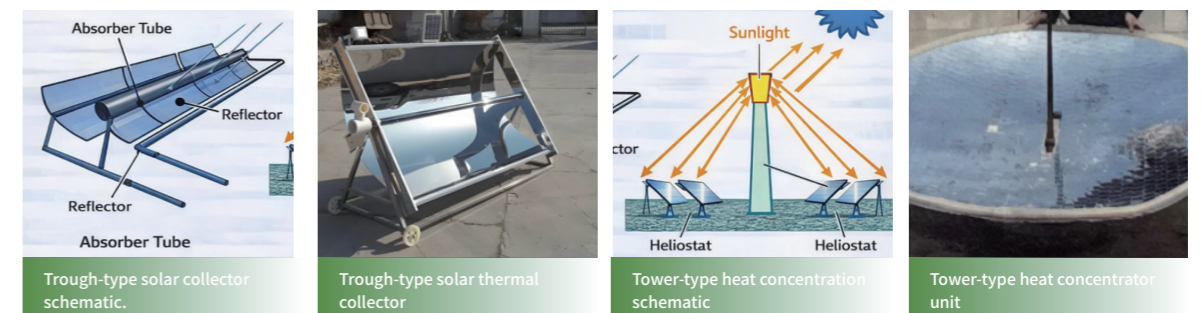
SYP electric heating snow-melting glass has three core functions: snow melting, defrosting, and defogging. It can be customized with electric heating film according to individual customer needs, and the power density of 200-800 watts can be matched with specific application scenarios to precisely meet various heating requirements. A thermistor is built into the bottom of the glass, which can provide real-time temperature data feedback. The accompanying digital electrical control cabinet supports temperature range setting and automatic operation, ensuring continuous power supply and displaying real-time temperature simultaneously. The system supports local LCD screen control and is equipped with a WIFI connection function, allowing for remote real-time monitoring through a mobile app.

► **SYP ultra-low energy consumption glass: (Architectural Processing Glass)**

SYP ultra-low energy consumption glass combines three core advantages: high light transmittance, high shading coefficient, and low heat transfer coefficient (U value). It can precisely meet the requirements of near-zero energy consumption building standards and the latest energy-saving regulations. This product has a light transmittance of up to 70%, a shading coefficient of ≥ 0.60, and a heat transfer coefficient (U value) as low as 0.72 or below. It significantly improves the energy efficiency of buildings, achieving a dual energy-saving effect of efficient shading and heat insulation in summer and strong heat preservation and temperature retention in winter.

► **SYP CSP thermal glass: (Float Glass)**

SYP has developed ultra-clear glass specifically for concentrated solar power (CSP) applications. It has undergone special process optimization based on the characteristics of solar thermal power generation. The solar thermal transmission rate of this glass is 1.5% higher than that of architectural ultra-clear glass. It has excellent weather resistance, a smooth and easy-to-process optical surface, and an extremely low self-burst rate. It is the optimal substrate for the concentrating reflectors of solar thermal power generation.



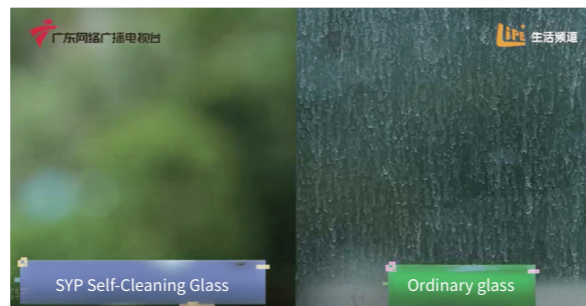
► Gradient-coated ultra-low energy consumption glass: (Architectural Processing Glass)

The gradient-coated ultra-low energy consumption glass adopts advanced nanoscale multi-layer gradient coating technology, breaking through the limitations of traditional processes. This technology coats the glass surface with multiple layers of nanoscale-thick films, achieving a perfect combination of high light transmittance and ultra-low emissivity. Its heat transfer coefficient is as low as 0.68W/(m·K), with an energy-saving efficiency that is over 30% higher than that of conventional products. It can effectively reduce the heating and cooling energy consumption of buildings, helping to achieve the "near-zero energy consumption" goal.



► SYP Self-Cleaning Glass: (Architectural Processing Glass)

SYP Self-Cleaning Glass is an eco-friendly coated product featuring photocatalytic properties and excellent durability. The technology originates from Pilkington's "Activ self-cleaning glass" in the UK. It meets the performance requirements of "Industry Standard JC/T 2168-2013 Self-Cleaning Coated Glass" and "BS EN 1096-2 and BS EN 1096-5". Utilizing atmospheric CVD coating and high-temperature sintering, the durable and robust coating layer undergoes photocatalytic degradation of pollutants under sunlight. Rainwater rinses away contaminants, leaving surfaces clean and streak-free.



Advancing Low-Carbon Transformation

SYP positions "dual-carbon" goals as a strategic compass and advances carbon-emission control and low-carbon transformation across three key dimensions: energy conservation and emission reduction, green products and technological innovation. Through a dual-driven model of "brand + technology", the company provides innovative solutions based on energy-saving and energy-generating glass products as well as high-performance glass system applications, contributing to a carbon-neutral future.

In its low-carbon transition practices, the company regards low-carbon products as a core lever for high-quality development and focuses on full-process carbon footprint management for key categories such as building energy-efficiency glass. SYP strictly adheres to internationally recognized standards including ISO 14067 and PAS 2050 when conducting product carbon-footprint accounting. This work covers major production bases in Shanghai, Tianjin and Jiangmen and is independently verified by China National Accreditation Service approved third-party agency, CTC Group, ensuring scientific rigor and credibility of the results.

Through lean management of product life-cycle carbon emissions, the company continues to accelerate green substitution of raw materials, optimize energy-saving measures in production processes and strengthen low-carbon collaboration across its supply chain, thereby enhancing both environmental value and market competitiveness of its products. These achievements strongly support SYP's strategic presence in green building and low-carbon urban development, demonstrating the company's commitment and responsibility in driving green manufacturing and contributing to the realization of the national "14th Five-Year Plan" green and low-carbon development goals.



SYPE Products Carbon Footprint Certificate



TSYPE Products Carbon Footprint Certificate



JSYPE Products Carbon Footprint Certificate

Case Study

Leveraging High-Performance Coated Glass to Support Green Manufacturing and Low-Carbon Development in New Energy Vehicles

SYP promotes material innovation, process upgrading and life-cycle management to build a low-carbon technology system that covers procurement, production and recycling, driving carbon reduction across the full lifecycle of coated glass. Focusing on coating technology innovation and taking the Changshu base as a benchmark, the company has optimized coating structures to enhance thermal insulation performance to 85 percent, enabling a 15 percent reduction in air-conditioning energy consumption and lowering per-vehicle life-cycle carbon emissions by 1.2 tons—equivalent to the annual carbon absorption of 67 trees.

High-performance coated glass has been widely applied in new energy vehicles and green buildings. Supported by SYP's intelligent and environmentally friendly production lines, these products are exported to countries along the Belt and Road, providing low-carbon solutions made in China and contributing to global green transition efforts.



High-performance coated glass

Driven by technological innovation and green intelligent manufacturing, SYP continues to upgrade its product portfolio toward greener and more energy-efficient solutions, strengthening its competitive edge in the high-end glass sector. Actively responding to China's dual-carbon strategy, the company is deeply aligned with the green industrial transformation pathway for the "15th Five-Year Plan" period, which is guided by dual-carbon objectives. SYP has formally committed to fully implementing the national strategy of "peaking carbon emissions before 2030 and achieving carbon neutrality before 2060".



During the reporting period, the company's carbon emissions

◆ Scope 1	◆ Scope 2 (market-based)
416,500 tons	195,200 tons

Calculation standards: *Guidelines for the Calculation and Reporting of Greenhouse Gas Emissions by Enterprises in Other Industrial Sectors (Trial)* and ISO 14064-1: 2018

Calculation methods

- Determine the calculation boundary;
- Determine the emission sources and gas types to be calculated;
- Collect activity data and emission factors related to the emission sources;
- Use appropriate calculation methods to calculate the greenhouse gas emissions;
- Summarize and calculate the total greenhouse gas emissions of the enterprise for the calculation year.

Social Chapter



Caring for People and Shared Progress

SYP integrates business advancement with social responsibility, fostering employee cohesion and empowering partners through a win-win philosophy. While creating economic value, the company demonstrates its commitment to corporate citizenship through concrete actions.

People-Centered Approach, Talent-Driven Growth	55
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People-Centered Approach, Talent-Driven Growth

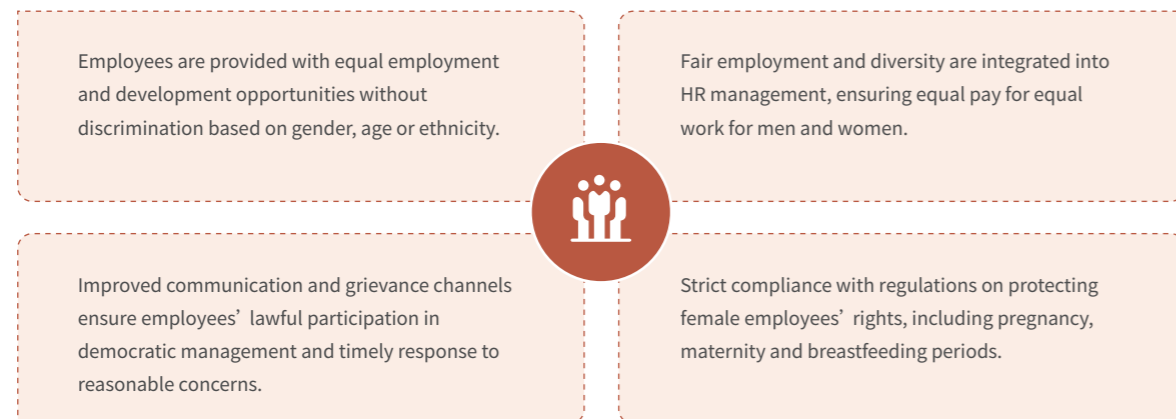
SYP regards its employees as core resources for sustainable development. On the one hand, the company continuously strengthens compliant employment and labor protection mechanisms, systematically promotes capability enhancement and career development pathways, reinforces occupational health and safety management and builds a safe, healthy and harmonious working environment. On the other hand, it improves communication and employee-care initiatives to enhance organizational cohesion and employee satisfaction, thereby establishing a solid talent foundation for high-quality corporate development.

Ensuring Compliance with Employment Practices

The company has always adhered to the employment philosophy of being legally compliant and people-oriented. It strictly complies with relevant laws and regulations such as the *Labor Law of the People's Republic of China* and the *Labor Contract Law of the People's Republic of China*. It focuses on key aspects such as recruitment and employment, labor relationship management, salary and welfare protection, and formulates and implements systems such as the *Employment Management Measures*, *Position Rotation Management Measures*, and *Employee Attendance and Salary Determination and Settlement Measures*. It effectively safeguards the legitimate rights and interests of employees and creates a fair, stable, and harmonious labor relationship conducive to growth and development.

SYP adheres to the bottom line of compliant employment and strictly avoids any form of recruitment discrimination. It selects talents based on job requirements and does not treat employees differently based on factors such as race, skin color, gender, age, or belief. It provides equal employment and development opportunities for every employee. Before recruitment, the company fully informs employees of key information such as job responsibilities, salary and benefits in writing to ensure that employees sign labor contracts under the condition of knowing and voluntarily. During the reporting period, all regular employees were over 18 years old, and the contract signing rate was 100%.

For some auxiliary and temporary positions, the company legally and compliantly adopts a flexible employment model and signs legal and valid agreements with labor personnel, clearly defining job content, labor remuneration, and settlement methods. At the same time, it standardizes the settlement process of labor costs to ensure timely payment of remuneration and reliable settlement, effectively safeguarding the basic labor rights and interests of flexible employment personnel.



Compensation Management

SYP has established a standardized and transparent salary management system with hierarchical approval procedures. The salary is dynamically managed based on job value and performance results. The salary is uniformly calculated by the Human Resources Department and is transferred through bank transfer after review and approval to ensure compliance and accuracy. The company manages performance-based salaries by categorizing and layering positions: The compensation for senior management follows the senior management performance compensation management method, non-sales staff are calculated based on attendance and salary settlement methods, and sales staff are paid according to the subsidiary company's assessment methods. Through an institutionalized process, the company ensures fair and impartial salary distribution, enhancing employee enthusiasm and the governance level of the company.

Employee Benefits and Security

SYP strictly complies with national and local policy requirements, legally contributing to pension, medical, unemployment, work-related injury, maternity insurance, and housing provident fund for all employees, ensuring that all social insurances are fully covered. The company fully implements the paid annual leave system, determining the number of leave days based on the cumulative working years of employees, and legally safeguarding employees' rights to rest and vacation. For special working environments, the company provides eligible employees with full amounts of special subsidies such as high-temperature allowances, effectively safeguarding employees' salary and welfare rights. During the reporting period, no labor disputes occurred in the company, and the average number of paid annual leave days per employee reached 8 days.



Women's Rights Protection

SYP attaches great importance to the protection of women's rights and interests. It adheres to the principle of equality throughout the entire process of recruitment, position allocation, and career development, ensuring that female employees have fair development opportunities. Currently, female employees are widely distributed in various positions such as management, technology, production, and sales, contributing significantly to the company's operation and business expansion.

The company strictly implements the relevant regulations on female workers' labor protection and fully implements welfare systems such as maternity leave and parental leave, effectively safeguarding the legitimate rights and interests of female employees during their maternity period. During the reporting period, the enjoyment rate and return-to-work rate of maternity leave and parental leave for female employees reached 100%. Among them, 39 employees legally enjoyed parental leave and returned to work smoothly. With solid institutional implementation and humanistic care, the company demonstrates comprehensive protection of women's rights and interests.

Empowering Growth and Development

SYP regards employee capability enhancement as a core driving force for growth. The company advances a multi-level and full-chain development system through the combined efforts of internal and external training and has established an institutionalized and systematic promotion management framework that supports both employee development and the implementation of corporate strategy.

The company has formulated the *Employee Training Management Measures*, establishing a clear authority and responsibility system and a hierarchical and categorized training management structure. The Human Resources Department takes the lead in coordinating the annual training plan, combining the business needs of each department and the job competency model to form a training system covering all employees and running throughout the entire career cycle of employees. The company adopts a model that combines internal practical training with external professional improvement: internally, it conducts case discussions and on-the-job mentoring in core areas such as product knowledge, process flow, and financial risk control; for new employees, it implements a three-level training mechanism of "cultural integration - general institutional knowledge - job competency", achieving a deep alignment between skill transformation and business requirements. Externally, it collaborates with industry authoritative institutions to conduct specialized training, customizing personalized training programs for middle and senior-level reserve cadres, and promoting the organic integration of industry cutting-edge concepts and the company's strategic goals. At the same time, the company focuses on the construction of the youth team, innovating the "rotation training + position assignment" composite training model, through cross-departmental collaboration, project practice, and management empowerment, accelerating the transformation of young key talents into comprehensive talents.

The company has established a systematic promotion (demotion) management mechanism covering all employees. The core assessment basis is performance and business capabilities. The promotion and demotion standards and ratio requirements are clearly defined to ensure the fairness and scientificity of talent selection and adjustment. A standardized process of "departmental assessment application - human resources department review - president approval" has been set up. Through dynamic management that allows for both promotion and demotion, the talent structure is optimized, effectively stimulating the internal motivation of employees, and providing a solid talent guarantee for the implementation of the enterprise strategy.



During the reporting period

- ◆ Employee training investment RMB
1.25 million
- ◆ Training sessions
305 sessions
- ◆ Total number of employees trained
3,572 employees
- ◆ Training participants
41,078 person-times
- ◆ Employee training coverage rate
92.16 %
- ◆ Total training hours
89,148 hours



Cadre Development



Production Training



Lean Operations System Training



SYP Deep Blue Initiative: Management Capability Enhancement for Middle and Senior Managers

Occupational Health and Safety

SYP adheres to the occupational health management principles of *people-oriented management, prevention first, regulatory compliance and continuous improvement*. The company strictly complies with the *Work Safety Law of the People's Republic of China* and has formulated and implemented regulations such as the *Occupational Disease Prevention Responsibility System, the Occupational Health Management System and the Environmental and Occupational Health and Safety Operation Control Procedures*, thereby establishing a comprehensive occupational health management framework.

Subsidiaries follow the requirements of the ISO 45001 standard to establish and maintain occupational health and safety management systems that are systematically integrated into all stages of production and operations. Most subsidiaries have already awarded ISO 45001 certification.

The company focuses on risk prevention and control, operating at the departmental level to comprehensively identify routine and non-routine occupational health and safety risks across all processes, equipment, operational activities, and work environments. This is achieved through on-site inspections, task analysis, and employee interviews, with particular emphasis on managing critical areas such as working at height and hazardous chemical usage. Identified hazards undergo risk grading assessments based on likelihood of occurrence, frequency of exposure, and severity of consequences, resulting in a risk register and corresponding control measures. Based on these risk assessments, the company formulates annual occupational health and safety objectives and management plans, clearly defining responsible departments and performance requirements to achieve dynamic risk control and continuous improvement.



Workplace safety measures

Digitalised Control Model

To enhance the precision of safety production management, the company has innovatively established a "two-tier grid + digitalised control" management model. Safety grids are delineated based on production units and operational zones, with clear responsibilities and management duties assigned at each level. Leveraging a digital platform, the model integrates hazard identification, work permit approval, safety training, and risk alerts, enabling real-time recording of safety information, dynamic tracking, and closed-loop rectification. This fortifies the digital safety defenses.

Regular Hazard Identification

In response to the newly issued *Criteria for Identifying Major Accident Hazards in Special Equipment*, TSYP promptly formulated a special equipment hazard identification plan and conducted targeted inspections. Detailed verification was carried out on critical aspects such as the operational status and safety accessories of boilers, pressure vessels, overhead travelling cranes, and other equipment. A comprehensive inspection has been completed with no major hazards identified. Concurrently, management systems have been refined to ensure regular self-assessment and rectification, thereby safeguarding the safe and stable operation of equipment.

Emergency Drill Implementation

The company has strengthened its end-point safety protection capabilities by conducting targeted safety training and practical emergency drills tailored to the specific risk characteristics of each role. Training content aligns closely with production realities, while drill scenarios encompass all potential safety hazards. Through a combination of theoretical instruction and hands-on practice, this approach tangibly enhances employees' safety awareness and emergency response capabilities, continuously optimising on-site control mechanisms.

Dual Safeguard Mechanism

TSYPE prioritises the safe handling of large-format glass panels by establishing a dual-layered safety protocol. This involves upgrading hardware configurations with a numbered management system for handling equipment, alongside refining operational procedures to establish stringent standards for transporting large glass panels. For high-risk processes, "dual-insurance" protective measures are incorporated into work instructions and reinforced through photo-verified check-ins, eliminating potential hazards at source.

Rigorous adherence to detail control

During confined space operations for oil removal from daily-use tanks at DSYP during the cold repair period, the company strictly observed principles of safety detail control. Prior to commencement, a specialised plan was jointly formulated with multiple departments and subjected to repeated validation through kick-off meetings. Operatives were equipped with protective gear including anti-static suits and long-tube respirators, while the site employed explosion-proof fans and multi-gas detectors to ensure environmental safety. This high-standard detail control exemplified the management philosophy of "safety first".

Occupational Health and Safety Training

The company consistently delivers occupational health and safety training in accordance with its annual safety training programme. Training focuses on key areas including the proper use of personal protective equipment, safety protocols for working at height, equipment operating procedures, prevention of occupational hazards, and industry standards for major accident hazards. This comprehensive approach addresses all workplace safety requirements, systematically enhancing employees' safety awareness and their ability to manage position-specific risks.

Safety Responsibilities Reinforced

CSYPE has prioritised defining clear safety objectives and reinforcing accountability, achieving full coverage in signing safety responsibility agreements, safety commitment letters, and relevant safety protocols. By regularly convening safety meetings, the company has strengthened the dissemination of safety management principles, driving personnel at all levels to diligently fulfil their safety duties. This ensures safety responsibilities are assigned to specific posts and individuals, thereby solidifying the foundation of safety management.



Scenario rehearsal photographs

Certification Rate of Special Operations Personnel

100 %

Coverage Rate of Occupational Injury Insurance for Employees

100 %

Employee Physical Examination Coverage Rate

100 %

Hidden Hazard Rectification Rate

100 %

Safety Training Coverage Rate

100 %

Number of Work Safety Incidents

0 cases

Number of Work-Related Fatalities

0 persons



Shanghai SYP Engineering Glass Co., Ltd. Occupational Health and Safety Management System Certificate

Case Study

DSYP AED First Aid Skills Training

From June to October 2025, DSYP entered a comprehensive shutdown and cold repair phase. Addressing risks including high personnel concentration, an older workforce, and high-temperature operations, the company launched the "Life Safeguard" initiative. This involved deploying AEDs and conducting first aid skills training for employees, covering frontline staff, team leaders, and safety management personnel in key roles to establish a multi-tiered emergency response capability system. Training focused on cardiopulmonary resuscitation (CPR), AED operation, and high-temperature emergency response. Through repeated practical exercises under professional instructors, employees transitioned from merely observing to effectively utilising these skills. Concurrently, the project established a "First Aid Volunteer Team," deployed AEDs in critical areas, and integrated relevant training into the safety management system. This shifted the project's approach from reactive response to proactive protection.



Case Study

GPS Safety Management Experience Sharing Special Training

In September 2025, the controlling shareholder, Shanghai Building Materials (Group) Co., Ltd., in collaboration with SYP, organized the "GPS Advanced Safety Management Experience Sharing Special Training." The training was led by Mr. Shen, Safety Manager of GPS, who provided a systematic overview of the overall safety management system at GPS. The session focused on sharing three key practices: safety culture development, energy isolation and safety visualization. Through extensive use of photographic materials, the training vividly demonstrated the entire process from planning and training to implementation and gaining employee recognition, offering actionable professional guidance for member companies of the group and helping each unit further understand and master scientific safety management models.



Case Study

GPS Fully Advances Team Safety Management

GPS actively implements its safety culture enhancement strategy, comprehensively promoting safety inspections at all levels. The establishment of the "GPS Production Safety Duty Group" brings together multi-tiered management personnel including the General Manager, department heads, directors, and team leaders, collectively building a robust safety defence line. As the primary safety officers, each shift supervisor rigorously inspects employees' protective equipment during pre-shift meetings and conducts safety training to ensure all personnel comply with operational standards. Throughout production, supervisors maintain close oversight of critical elements—personnel, machinery, materials, methods, and environment—implementing targeted controls over key areas and facilities.



During the reporting period

- ◆ Total investment in workplace safety RMB **20.2 million**
- ◆ Safety emergency drills conducted **150 times**
- ◆ Investment in safety education and training RMB **0.30 million**
- ◆ Safety education and training hours **13,698 hours**
- ◆ Safety education and training coverage rate **100 %**
- ◆ Investment in occupational injury insurance for employees RMB **1.7027 million**

Creating a Harmonious Culture

SYP places great importance on employee care and democratic management. The company fosters a harmonious and stable corporate culture by strengthening communication mechanisms, ensuring effective channels for expressing concerns, safeguarding employee rights and interests, and enriching care initiatives to continuously enhance employees' sense of belonging and cohesion.

The company has legally established an employee congress and a labor union, forming diversified communication channels. During the reporting period, four employee congress meetings were convened to discuss topics such as the renewal of collective contracts, recommendations for model workers, the election of employee directors, and the annuity plan. Opinions from employee representatives were extensively collected, and democratic consultation was advanced through representative group meetings, enabling management to respond precisely to employee concerns. At the same time, the company has established a well-defined employee feedback mechanism, including forums, suggestion boxes, and online surveys, along with a standardized grievance system that ensures smooth channels for employee appeals. No labor disputes or employee complaints occurred during the reporting period. The grievance mechanism operated effectively, safeguarding employees' lawful rights and interests regarding compensation, benefits, and working conditions.

The company implements diversified care initiatives that support employees' physical and mental well-being and promote work-life balance, genuinely conveying corporate care and warmth. During the reporting period, the company provided RMB 20,000 in assistance funds to employees facing hardship.



- ◆ Union members **3,876 members**
- ◆ The coverage rate of collective negotiation agreements is **100 %**
- ◆ Employee engagement and engagement survey participation rate is **100 %**

Case Study

The 13th SYP Cup National Team Badminton Championships Conclude Successfully

On 1 November 2025, the 13th SYP Cup National Team Badminton Tournament concluded successfully. Sixteen teams comprising 113 employee athletes from across the nation competed in a series of group matches, knockout rounds and finals, collectively presenting a sporting spectacle characterized by tenacious effort and collaborative spirit. The athletes' tenacity and perseverance on the court exemplified the positive, enterprising spirit of SYP employees, vividly embodying the company's philosophy of "Always Pursuing New Heights".



Case Study

"Crossing a Century of Storms, Revisiting the Turbulent History of the Workers' Movement" Red Workers' Movement-themed Fitness Walk Activity

In May 2025, the group's trade union organized a "Crossing a Century of Storms, Revisiting the Turbulent History of the Workers' Movement" red-themed fitness walk event, as an important practice to celebrate the 100th anniversary of the establishment of the All-China Federation of Trade Unions and to promote the red workers' movement spirit. The event lasted for 30 days and was divided into two sections: "Offline daily fitness activities + Online virtual station knowledge quizzes". The content focused on knowledge related to the red workers' movement. Employees were considered to have reached the standard if they achieved 8,000 steps per day for 30 consecutive days. Participants gradually unlocked the key milestone moments in China's workers' movement history during the walk and gained a deeper understanding of the magnificent and tumultuous history of the workers' movement over the past century. 2,500 employees participated in the event, and the number of those who reached the standard reached a new high.



Employees participating in the activity
2,500



Case Study

JSYPE Glass Hosts Parent - Child Activity

On the morning of May 25, 2025, the JSYPE Glass labor union launched a lively Children's Day parent-child event for employees and their families. More than thirty families gathered to enjoy interactive activities in the forest-themed ball pool and the shrimp-fishing zone. Children excitedly fished for lively shrimp by the water and played freely among the colorful balls, while parents captured moments of joy and companionship with their cameras.

The event also featured freshly cooked seafood and food truck snacks, along with the distribution of festive gifts that brought both surprise and warmth to every family. The activity not only brought happiness to the children but also created a heartfelt connection between the company and employees' families.



Case Study

Launching the "Star-Rated Employee Canteen" Excellence Program

In September 2025, the second "SYP Cup" Star-Rated Employee Canteen Excellence Competition, organized by the Group, concluded successfully. With the theme "Food Safety First and Freshness as the Priority," a total of eleven employee canteens across the Group participated in the program.

A dedicated evaluation panel was formed by the Group labor union, the Human Resources Department, canteen management personnel and employee representatives. The panel conducted inspections and compliance assessments on facilities, daily management practices and operational standards. During the preparation phase, participating canteens learned from one another and continuously improved their performance. In the first round of assessments, all canteens achieved a compliance rate above 80 percent, with five canteens exceeded a 95 percent compliance rate.

The initiative effectively enhanced the quality of dishes and service standards and further improved employees' dining satisfaction and overall well-being.



Case Study

Launching a Themed Event for International Women's Day

In March 2025, the Group's labor union initiated the themed series "A Date with Spring" for headquarters and multiple subsidiaries. Guided by local conditions, unions at all levels designed and organized diverse activities, including cultural visits, spring outings, recreational sports, floral arrangement workshops and social networking events. These activities encouraged female employees to relax, rejuvenate and strengthen connections through nature, culture and interactive engagement.

At the same time, the Group organized festive greetings and caring outreach activities to express sincere respect and appreciation for female employees. These efforts highlighted the company's strong recognition of the professional value and significant contributions of women in the workplace.

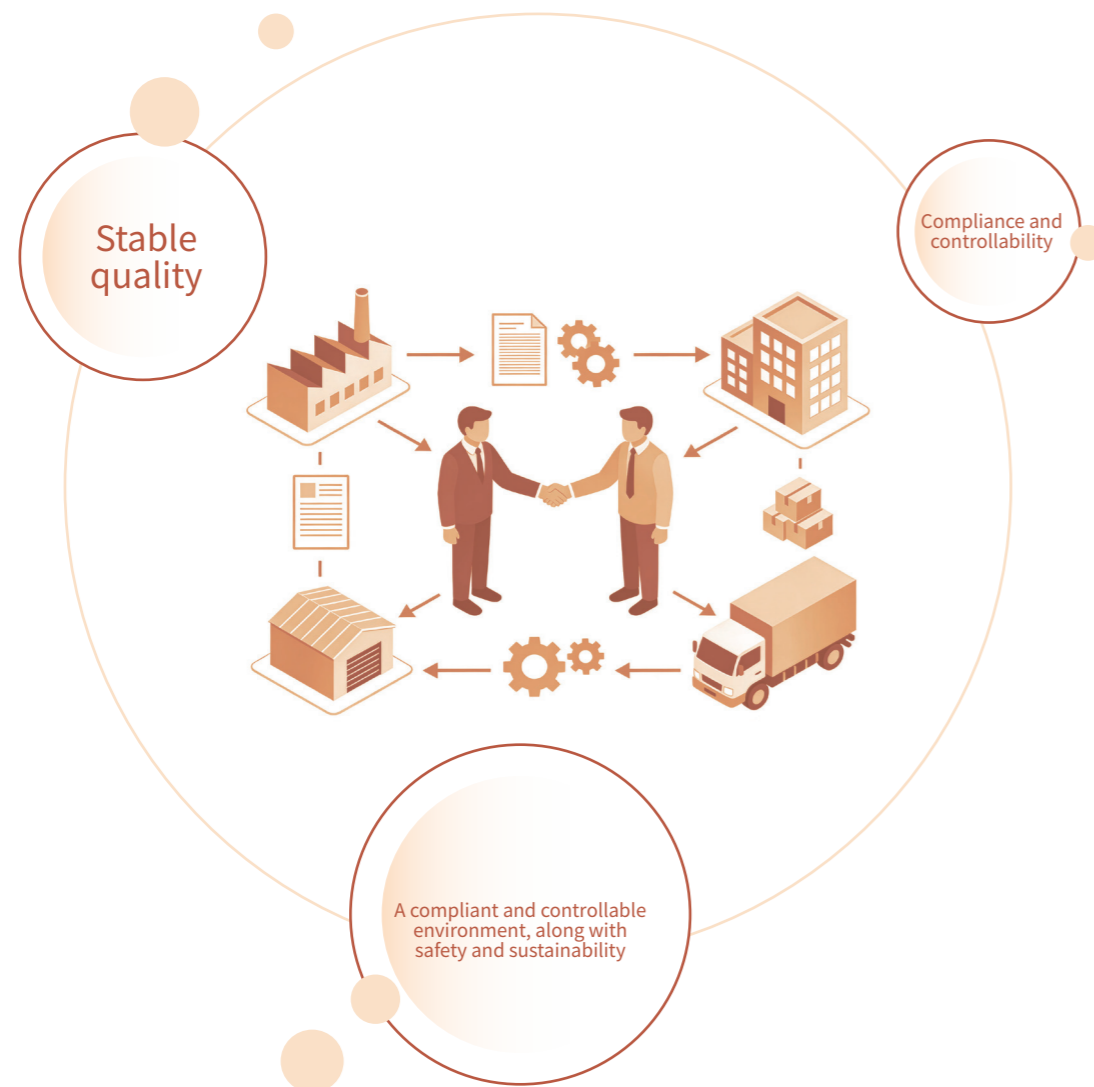


Responsible Supply, Co-Creating the Future

SYP has established a clear strategic framework for supply chain management. Through refined, full-process oversight encompassing supplier selection, access reviews, performance evaluations and dynamic portfolio management, the company carries out ongoing compliance and efficiency assessments. At the same time, SYP deepens collaborative research, development and value co-creation with upstream and downstream partners to strengthen supply chain resilience and to build a sustainable and highly adaptive industrial ecosystem.

Sustainable Supply Chains

SYP focuses on standardized procurement and the construction of a responsible supply chain, establishing an ESG-oriented supplier management system. The company achieves unified control over the entire supply chain process by relying on core regulations such as the *Supplier Management Specifications* and the *Company Headquarters Material Procurement Management Specifications*. The Group Logistics Department collaborates with the R&D Center and subsidiaries to establish a horizontal collaborative and hierarchical responsibility management structure. This system adheres to the principles of "stable quality, controllable compliance, and sustainable environment and safety", and is supported by unified standards provided by relevant departments in Shanghai. At the same time, subsidiaries can flexibly adjust management priorities based on local conditions, effectively ensuring the compliance and stability of the supply chain in various scenarios.



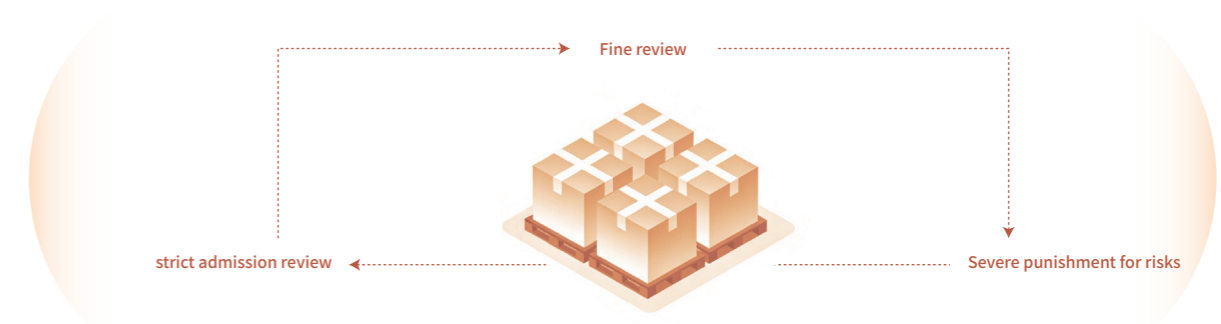
Social Chapter

Supply Chain Risk Management

The company has established a risk prevention and control system covering the entire life cycle of suppliers. Through the dual drive of "source due diligence and full-process dynamic control", it systematically prevents quality, performance, compliance and operational risks.

In the source admission stage, relying on policies such as the *Single Source Procurement Approval Form* and the *Supplier Selection and Evaluation System*, strict due diligence is implemented: new suppliers must undergo unified qualification pre-review and technical and commercial inspections by the group, and their qualifications, quality systems, business conditions and other core information will be systematically verified; after the inspection, they must complete the trial use to meet the standards, and only those qualified can be included in the qualified supplier list; even for sporadic suppliers, they also need to pass the basic qualification review, so as to avoid risks at the source.

In the full-process control stage, a complete dynamic management mechanism is established: for suppliers with quality, delivery, compliance or integrity risks, they will be subject to freezing (half a year to three years), blacklisting or permanent prohibition of cooperation penalties. Blacklisted suppliers are not allowed to cooperate within the group and their losses caused will be prioritized deducted; at the same time, relying on cross-department evaluation committees, continuous control is carried out through public bidding/bidding, annual graded evaluation (A-D levels). The evaluation covers core indicators such as product quality, supply stability and after-sales service. Unqualified or non-winning suppliers will automatically lose the qualification for supply in the next year, forming a "strict admission review - detailed evaluation during use - strict punishment for risks" closed-loop management to ensure the stability and sustainable development of the responsible supply chain.



Sustainable Procurement

As a pivotal component in the implementation of its ESG strategy, SYP has deeply integrated sustainable procurement into the entire lifecycle management of its supply chain. Guided by the core principles of integrity and compliance, green and low-carbon practices, and shared responsibility, the company has established an integrated sustainable procurement system encompassing both compliance oversight and green development. This approach drives the synergistic enhancement of supply chain value alongside environmental and social value, thereby solidifying the foundations for building a responsible supply chain.

The company upholds integrity and compliance as the cornerstone of its transparent procurement practices, strictly adhering to the *Anti-Unfair Competition Law of the People's Republic of China*. It has established institutionalised constraints and comprehensive oversight mechanisms throughout the procurement process. Prior to collaboration, suppliers are required to sign integrity documents, with contractual obligations tiered according to project value: projects under RMB 5 million require signing of the *Integrity Clause*, while projects at or above RMB 5 million necessitate signing of a legally binding *Integrity Agreement*. These integrity requirements are fully integrated into contract management. Simultaneously, suppliers must pledge absence of conflicts of interest and prohibit improper benefit transfers. Streamlined reporting channels are provided, with protection afforded to verified whistleblowers who receive priority bidding rights for subsequent tenders. This effectively mitigates commercial bribery risks while fostering an open and transparent procurement environment.

The company has established sustainability as a core criterion for supplier onboarding. Centred on requirements such as climate action and the circular economy, it is driving suppliers to sign sustainability confirmation letters while strengthening internal communication and awareness. This comprehensive approach aims to build a green supply chain.

Case Study

TSG Supplier Full Process Management Empowers Sustainable Supply Chain Construction

TSG integrates the concept of sustainable procurement into the entire process of supplier management, establishing a systematic access and assessment mechanism covering quality, environment, and safety. The company prioritizes selecting suppliers that have obtained ISO 9001/IATF 16949 quality management system certifications and possess scale and high-quality service capabilities. At the same time, it selects suppliers that have obtained ISO 14001 environmental management system certifications. Currently, such suppliers account for 40%. In the procurement process, suppliers are required to sign the "Safety Agreement" and undergo EHS specialized training to enhance implementation at the front line. Through standardized reviews and supplier capability assessments, strict risk control and decision-making are ensured, continuously improving the green level and sustainable development capabilities of the supply chain.



GPS Supplier Training Photographs

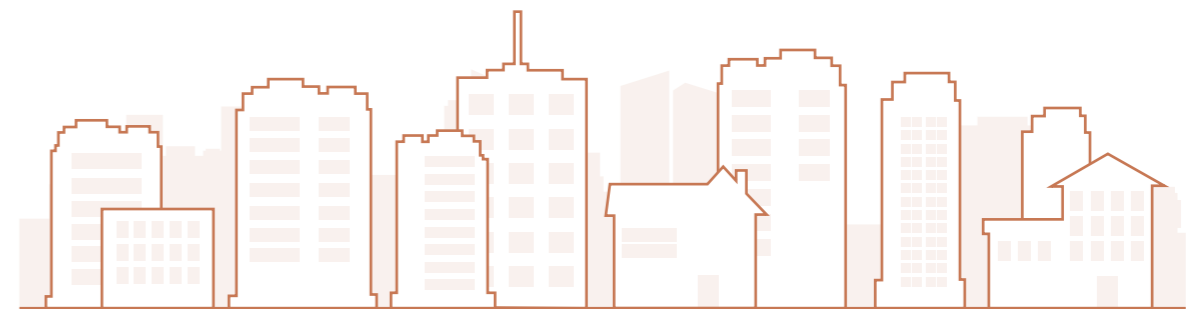
Supplier training

The company has established a multi-dimensional supplier training and empowerment system. Through diverse initiatives such as new supplier onboarding briefings, specialised technical and quality workshops, on-site audit feedback, and closed-loop tracking of corrective actions, supplier empowerment has been institutionalised. Training content aligns closely with the company's product quality standards, delivery management requirements, and compliance operational norms. This empowers suppliers to accurately comprehend and implement relevant standards, driving continuous optimisation of production processes and management efficiency while fostering deeper sustainability awareness among suppliers.

Supporting Small and Medium-Sized Enterprises

SYP applies a unified payment term management system to all suppliers and does not impose additional or differentiated payment conditions on small and medium-sized enterprises. The company strictly ensures timely settlement of payments and has no instances of malicious delays, thereby upholding the principle of equal treatment for SMEs.

Adhering to a philosophy of collaborative supply chain development, the company actively supports the growth of small and medium-sized suppliers while advancing the localization strategy. Online coating equipment and key components have already achieved successful domestic substitution. This accomplishment enhances supply chain autonomy and controllability and provides strong support for innovative equipment design and the optimization of system processes.



High-Quality Products and Services

Product Safety and Quality

In the realm of product quality and safety management, SYP upholds quality as its lifeline by establishing a comprehensive, standardized, and traceable control system throughout the entire process. It integrates quality responsibilities into all aspects of production and operations, aiming to ensure product quality with high standards and safeguard customer rights and interests.

SYP has established a tiered and specialized quality management organizational structure. Each subsidiary has set up an independent Quality Department that serves as the central hub for quality control and customer service. The functions of the Quality Department span the entire chain, including raw material inspection, production process control, finished product release review, customer complaint handling and closed-loop resolution. Specialized positions such as quality engineers and chemical analysis engineers are assigned to provide professional expertise and technical support for quality control at every stage, thereby strengthening the organizational foundation of quality management.

SYP takes internationally recognized quality management standards as the core foundation for enhancing the reliability of its products and services. Many subsidiaries have successfully passed ISO 9001 (GB/T 19001) quality management system certification and proactively undergo regular audits and ongoing supervision by authoritative third-party institutions. This framework forms a full-process quality control loop covering order review, product design, raw material procurement, manufacturing, inspection and release and after-sales service. The system enables the company to systematically identify, assess and mitigate various quality risks in advance, ensuring the stable and consistent delivery of high-quality products that meet international standards, industry specifications and customer expectations.



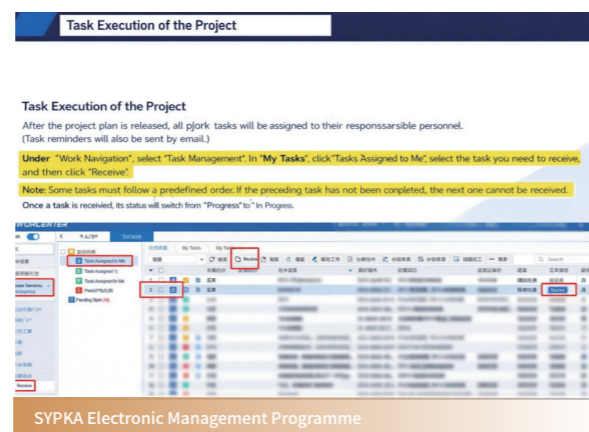
SYP actively leverages digital and automated technologies to enhance quality control. Through technological innovation, the company improves quality traceability, operational transparency and management efficiency.

In terms of digitalized control, SYPKA provides a representative example. The company has implemented multiple information management systems to achieve fully electronic management across the entire process of material handling, chemical management and new product development.

During material management, the first in first out principle is strictly enforced and an intelligent shelf-life warning mechanism is applied to prevent quality risks caused by material degradation at the source.

Chemical management is strengthened through barcode-based traceability and precise control of expiration dates, enabling full-process traceability covering requisition, usage and storage, and reducing compliance risks associated with improper handling.

New product development relies on the APQP system to support digitalized management of project progress, technical documentation and potential quality risks. This ensures controllable quality across all stages of new product development.



In terms of inspection equipment upgrades, CSYPA has spearheaded the automation upgrade of curved glass appearance inspection processes, introducing online defect detection systems for curved window glass. This equipment enables automated, precise online detection of common defects in tempered curved glass surfaces, including pressure mark optical variations, bubbles and inclusions in the base glass, pitting, speckles, deep scratches, and contamination. The inspection system incorporates high-resolution line-scan cameras, customised lighting, and deep learning algorithms. It possesses capabilities for efficient defect recognition, precise localization, and real-time traceability of inspection data. This significantly enhances inspection efficiency and accuracy, effectively minimises human inspection errors, and further strengthens product quality stability.



Case Study

TSYPE's New Generation Tempered Glass Comprehensive Inspection Equipment Osprey®10

TSYPE has introduced the new generation tempered glass comprehensive inspection equipment Osprey®10, focusing on two key quality indicators of tempered glass - flatness and stress spots. With breakthrough technology, it provides more reliable guarantees for high-end curtain walls.

It integrates a high-resolution optical imaging system and intelligent algorithms, accurately capturing every micro-metric quality fluctuation in real time. Combined with AI image intelligent analysis, the system can automatically assess the stress spot level, identify potential non-conforming products, and achieve a quantitative breakthrough from "invisible" to "visible", filling the industry gap.

Osprey®10 is not only an inspection device, but also the core engine of intelligent production. It seamlessly connects with the high-speed production line, completing 100% full inspection while maintaining the production rhythm, replacing traditional sampling inspection, establishing a complete quality record for each piece of glass, and is the "data pass" for entering the high-end market.

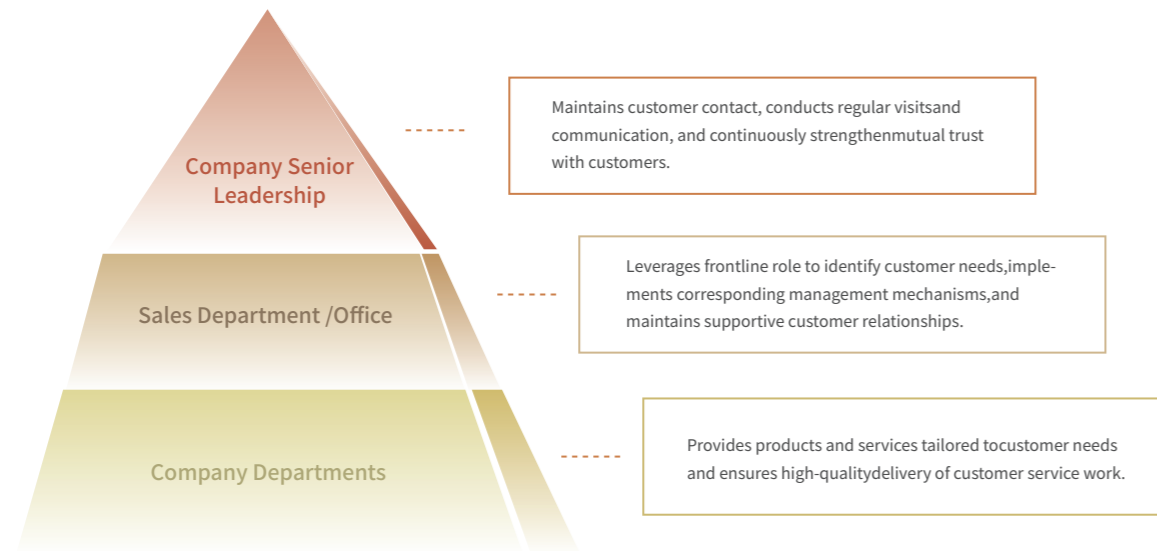
For SYP, the introduction of Osprey®10 is not only an equipment upgrade, but also a strategic choice driven by technological innovation to drive the quality revolution and set a new benchmark for industry quality.



In terms of quality training, the company has established a regular and hierarchical quality training system. It regularly organizes quality knowledge and professional skills training for employees in key positions such as quality inspection front-line, back-line, and laboratories. The training content covers core modules such as quality standards, testing methods, risk identification, and emergency response. At the same time, a training effect evaluation and review mechanism is established to assess the training results through assessments and optimize the training plans for weak links to form a "training - practice - evaluation - improvement" closed-loop empowerment system.

Customer Service Management

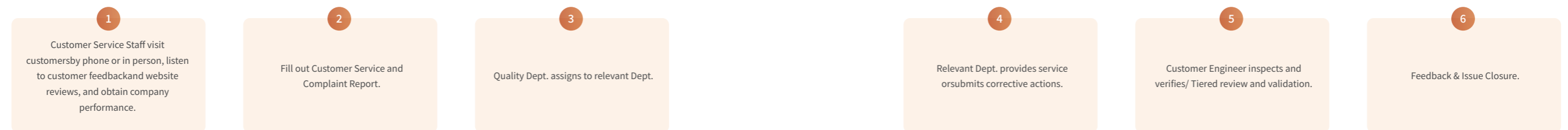
SYP is committed to meeting customer needs and safeguarding their rights and interests as its core customer service objectives. The Company has established a customer service management system characterized by tiered control, regulatory compliance, and closed-loop efficiency. A three-tier customer service management strategy, covering the leadership, management, and execution levels, has been implemented, with responsibilities and work requirements at each level institutionalized into standardized working mechanisms.



Concurrently, the company strictly adheres to relevant laws and regulations including the *Consumer Rights Protection Law of the People's Republic of China*, the *Product Quality Law of the People's Republic of China*, the *Anti-Unfair Competition Law of the People's Republic of China*, and the *Advertising Law of the People's Republic of China*. It has established a customer-centric service system, implementing standardised controls throughout the entire process of customer communication, after-sales support, satisfaction tracking, and complaint handling. This ensures the effective safeguarding of customers' legitimate rights and interests, thereby fulfilling its commitment to responsible business practices.

SYP has established unified customer feedback management standards to guide subsidiaries in establishing multi-dimensional customer communication channels. These encompass regular follow-ups, electronic information platform interactions, on-site service support, and direct field liaison, enabling efficient collaboration with clients. The company systematically collects customer feedback across core dimensions including product quality, PPM (parts per million), defect rates, delivery performance, and service satisfaction. This information undergoes internal consolidation, dissemination, and analysis at prescribed intervals, ensuring customer requirements and concerns receive timely responses and precise resolution throughout all operational stages.

SYP Glass Customer Service Process



In terms of product recall management, the company focuses on "customer satisfaction" as its core, establishing a standardized user complaint management system. It implements a unified reception, hierarchical processing, and closed-loop control mechanism for various demands such as product quality, business disputes, and transportation damage, effectively strengthening quality risk management and safeguarding the legitimate rights and interests of stakeholders. Taking the SYPKA business as an example, the specific recall procedures are as follows:

Quality-related recall

When it is confirmed that quality or safety risks arise due to the company's design, manufacturing, or inspection, the quality department immediately initiates the procedure, notifying the customer of the recall scope, batch, and disposal plan within 24 hours, and taking the lead to coordinate sales and logistics to complete the recovery and replacement. The root cause rectification is implemented in accordance with the corrective and preventive process.

Recall due to transportation reasons

For losses caused by transportation responsibility or self-pickup by customers, the company does not bear the recall costs; for those caused by the company's transportation arrangement, the transportation company or insurance will bear the compensation, and the company will simultaneously cooperate with the product recovery and disposal.

Recall for overseas customers

If overseas customers encounter quality or safety issues that require a recall, the overseas office should first contain the situation and notify the quality department of the Shanghai factory. The quality department will initiate the assessment within 24 hours and provide the root cause and long-term measures through the overseas office within 10 working days.

Recall due to customer reasons

Recalls caused by improper assembly, poor storage, or defects within the standard allowable range of customers will generally not be compensated by the company. If the customer insists on a recall, the sales department will formulate a business plan and execute it after approval.

During the reporting period, Major safety or quality liability accidents related to products and services experienced: 0 accidents.

◆ Customer complaint resolution rate reached **100 %**

In terms of customer satisfaction management, the company regards it as an important indicator for measuring product and service quality. Through institutionalized surveys, analyses, and continuous improvement mechanisms, it systematically tracks customers' evaluations of product quality, delivery performance, and service level. Each subsidiary strictly follows the unified requirements of the group and implements satisfaction management procedures adapted to its own business characteristics. Among them, SYPKA has established a data-driven mechanism, conducting regular satisfaction inquiries for OEM batch supply customers, implementing hierarchical control, and deeply analyzing the reasons for low evaluation items and promoting rectification. In 2025, each subsidiary will deepen specialized investigations, optimize service efficiency and response speed, and the customer satisfaction rate for the entire year will have increased compared to the previous year.

◆ During the reporting period, Satisfaction scores achieved by all subsidiaries: **83** points or above.

Supporting low-carbon construction in the Host Country

SYP actively responds to *China's Belt and Road Initiative* by promoting green manufacturing and energy-efficient development as its core competitive strengths. The company is committed to advancing the concept of low-carbon premium products and integrating the entire value chain from manufacturing to international engineering services. Through the deployment of energy-efficient Architectural Processing Glass products such as Low-E Glass coated glass and large-format curtain-wall glass, SYP contributes to low-carbon construction in Belt and Road countries and regions, demonstrating the international responsibility and commitment of Chinese enterprises.

Leveraging its technological advantages in Low-E Glass coated glass, ultra-large curtain-wall glass and other energy-saving Architectural Processing Glass products, the company has participated extensively in major transportation hubs and commercial complexes along the Belt and Road region. SYP's Low-E Glass glass solutions have been applied in projects including the new terminal of Suvarnabhumi Airport in Thailand, Phnom Penh International Airport, Malaysia's East Coast Rail Link stations, and high-end commercial buildings in Singapore and Vietnam's Ho Chi Minh City. In several of these landmark projects, SYP's dual-silver or triple-silver Low-E Glass glass has significantly improved building energy efficiency, enhanced indoor thermal comfort and reduced air-conditioning load, meeting stringent local environmental and energy-saving standards.



Phnom Penh New International Airport Project (2)

As a flagship project under the *China-Cambodia Belt and Road* cooperation, the airport will achieve the highest global 4F-rated international airport standard upon completion. The north concourse curtain wall employs Yao-Pei double-silver Low-E Glass laminated insulating glass with low solar shading, ensuring balanced comfort, tranquility and glare-free interiors. The project commenced operations in July 2025, effectively alleviating Cambodia's airport operational pressures.

Suvarnabhumi Airport Expansion Project in Thailand (1)

This project is one of the largest infrastructure developments undertaken by a Chinese enterprise in Thailand and a key component of the Thai government's *Eastern Economic Corridor (EEC)* initiative. The project adopts SYP's low-solar-heat-gain dual-silver Low-E Glass insulated glass to provide passengers with a bright, comfortable and quiet terminal environment. With the project completed and put into use, it has strengthened the foundation for Thailand's booming tourism economy and has become a new benchmark for China-Thailand cooperation under the *Belt and Road Initiative*.



Malaysia's East Coast Rail Project (3)

The railway is 665 kilometers long and is a flagship project jointly built by China and Malaysia for the "*Belt and Road Initiative*". It is also the largest overseas project being constructed by Chinese enterprises. Yapi Glass provides all the curtain wall glass for the stations along the East Coast Railway. It uses colored PVB and distinctive colored patterns to showcase ethnic characteristics, in line with local culture. The project is expected to be fully completed by the end of 2027. Once completed, it will become the main transportation artery between the east and west coasts of Malaysia, effectively promoting regional development in Malaysia and enhancing the competitiveness of local industries.

Egypt Landmark Tower Project (5)

Situated in the desert region approximately 50 kilometers east of Cairo, this project forms the heart of Egypt's new administrative capital and stands as Africa's tallest tower. Under the harsh climate conditions of temperatures reaching up to 50°C, the medium-transmittance triple-silver Low-E Glass insulating glass curtain wall provided by SYP effectively mitigates adverse factors such as aridity, intense heat, and prolonged exposure to sunlight. This enhances both the building's comfort levels and energy efficiency. The project has now successfully reached its structural completion stage, with the installation of the glass curtain wall fully accomplished.



SYP integrates its green manufacturing capabilities with international engineering needs, not only delivering high-performance energy-saving solutions for the host country but also enabling regional economic cooperation and sustainable development. The company continues to advance Chinese green building materials to the global market, contributing to global low-carbon construction and sustainable urban development and showcasing the environmental value of "Made in China."



Singapore CIMB Group Headquarters Project (4)

Located within Singapore's Jurong Innovation District, this development forms an ecosystem comprising enterprises specialising in urban solutions, smart logistics and advanced manufacturing. Featuring laminated insulating glass units with ultra-clear triple-silver Low-E Glass coating, the project establishes a new benchmark for architectural typologies within Singapore's "*Garden City*" concept, infusing fresh vitality into the urban landscape. The complex has now commenced operations, marking the inauguration of Singapore's first commercial precinct nestled within a tropical rainforest setting.

Vietnam BASON LUX5 Project (6)

The development is situated in District 1, Ho Chi Minh City, Vietnam, adjacent to the CBD core business district and bordering the Saigon River. Its curtain wall glazing incorporates Eastman sound-insulating PVB glass alongside premium triple-silver Low-E Glass Glass coated laminated insulating glass units, pursuing the ultimate in acoustic and optical performance. The project is now fully operational, further enhancing the market share of locally developed ultra-clear insulating glass innovation products.



Caring for Communities and Sharing Growth

Upholding its corporate philosophy of “pursuing new possibilities,” SYP leverages scientific and technological innovation to drive high-quality production, promote value-added upgrades and high-performance product development, and deepen its presence in fields such as automotive, construction and transportation. The company actively practices social responsibility, deepens community engagement and contributes to unified economic, social and environmental benefits by delivering “SYP strength.”

Advancing Industry Development

SYP actively responds to the national requirement of “strengthening the principal role of enterprises in scientific and technological innovation,” anchoring itself to the “One, Two, Four” overall development strategy. With innovation as its core driving force, the company focuses on the “high-end, intelligent, and green” development direction of its products, achieving technological leadership through the dual pathways of “industrial integration” and “product differentiation.” To ensure the effective implementation of its innovation strategy, the company has established a tiered R&D management structure characterized by “leadership by the Group President, spearheaded by the Technology Center (SYP Research and Development Institute), divisional responsibility by the Chief Process Engineer, and collaborative support from production bases.” This forms a closed-loop innovation system of “market research + technology research + industrialization research + return to market.” Relying on internal policies such as the *Technical R&D Management Specification* and the *Management Measures for Major Scientific Research and Development Projects*, the company has built a solid institutional foundation to enhance R&D efficiency and effectiveness.

Acting as the core execution vehicle of the innovation system, the SYP Research and Development Institute upholds the mission of “technology serving the market, new products driving differentiated competition, and enhancing the Company’s overall profitability”. Focusing on cutting-edge technological developments, it deepens industry-university-research collaboration and optimizes the integration of internal and external R&D resources to maximize efficiency, thereby continuously strengthening the Company’s foundation for independent innovation. Robust innovation capabilities are underpinned by a strong talent base. The Company has established a high-caliber R&D talent echelon, with a total of 462 R&D personnel across the Group, including 33 with master’s degrees or above and 8 senior engineers.

To unlock the innovative potential of its talent and deeply integrate talent development with technological innovation, the Company has established and improved a diversified talent incentive mechanism.



The company’s innovation capabilities continue to gain authoritative recognition. The Group Testing Center successfully obtained CNAS accreditation in March 2021 (Registration No. CNAS L2962). In May 2022, the company completed its application as a national-level high-tech enterprise (application organization: Shanghai Municipal Commission of Economy and Informatization). It has two municipal level “Enterprise Technology Centers,” and has been awarded titles such as “Shanghai Technology Innovation Giant Enterprise” and “Shanghai Patent Work Pilot Enterprise,” with national and Shanghai intellectual property advantages further enhanced.

Going forward, the company will continue to build its core competitiveness by combining product leadership, technological leadership and international benchmarking. Efforts will be focused on developing a series of energy-efficient and specialty glass products, accelerating breakthroughs in key core technologies, overcoming bottlenecks in advanced manufacturing and promoting industrial upgrading. The company plans to further increase R&D investment, establish three major innovation platforms and accelerate the creation of national-level innovation centers. Through high-quality production and green, low-carbon transformation, SYP aims to continuously strengthen its core competitive edge.

Collaboration and Innovation Advancement

SYP actively promotes deep integration of “industry-academia-research-application,” and continues to build a diverse, multi-level innovation collaboration network. By establishing long-term and stable partnerships with domestic universities, research institutes and industry-leading enterprises, the company injects sustained vitality into its technological innovation.

In China, the company has established close R&D cooperation with institutions including the Shanghai Institute of Ceramics, the Shanghai Institute of Optics and Fine Mechanics, the Ocean College of Shanghai Maritime University and several research institutes of Southeast University. Strong cooperation ecosystems have also been formed with ShanghaiTech University, Tongji University, East China University of Science and Technology, Tianjin University and other leading universities.

Internationally, the company continues deep cooperation with GE, Corning, Glaston and Schott, establishing long-term technical exchange mechanisms and effectively integrating global high-quality innovation resources.

Case Study

Porsche Visits CSYPA

In March 2025, a three-member delegation from Porsche’s Germany headquarters, including the Body Procurement and R&D Vice Presidents and the China Procurement Director, visited CSYPA. Leveraging its integrated industrial chain, strong technological expertise, highly automated production processes, and competitive pricing, CSYPA established initial contact with Porsche, laying the foundation for entering the luxury automotive brand market.

During the exchange, CSYPA introduced its development strategy and innovation direction, focusing on key products such as windshield glass, HUD-enabled smart glass and lightweight intelligent dimming glass. CSYPA showcased recent technological progress that aligns strongly with Porsche’s strategic supplier expectations. Porsche recognized SYP’s strong technical capabilities and large-scale supply stability and expressed strong interest in deepening cooperation in future model development, project quotations and value engineering initiatives.



Case Study

NSG Europe Quality Team Revisits SYP

In July 2025, the Global Automotive Glass Quality Strategy Director of NSG Group, accompanied by the European Quality Team, revisited CSYPA and TSYPA for in-depth inspections and discussions regarding existing and potential Volkswagen business collaborations. At the CSYPA, the team toured production lines, laboratories, and automated workshops, expressing high recognition for its automation levels and quality improvement achievements while voicing intentions to deepen cooperation. At the automotive glass plant, building upon last year's discussions, both parties focused on production processes and automated production lines. Technical experts exchanged views and reached consensus, affirming the plant's automation and technological advancement. They agreed to advance further projects based on existing collaboration. This visit solidified the foundation for cooperation. Moving forward, both parties will deepen the "domestic production, overseas assembly sales" model, prioritize quality enhancement, and jointly deliver superior products and services to customers.



Case Study

Guangdong University of Technology commissions JSYPE to conduct performance enhancement research

Guangdong University of Technology has commissioned JSYPE to undertake research into enhancing the scratch resistance of triple-silverTemperable Low-E Glass glass. The project aims to improve the scratch resistance of triple-silverTemperable Low-E Glass glass by 30%, focusing on technical breakthroughs in coating material and structural optimisation. By introducing novel coating materials and systematically optimising the existing coating structure, the project significantly enhances surface abrasion resistance and scratch resistance while maintaining stable optical and energy-saving performance. This provides technical support for the reliable application of high-end energy-saving Architectural Processing Glass.

Through deep collaboration with university research capabilities, the company further refines its technology transfer pathway from fundamental research to engineering applications, facilitating the industrialisation of scientific achievements.

At the industry collaboration level, the company leverages its technological leadership through cooperative R&D to proactively empower ecosystem development. During the reporting period, it deeply engaged in and advanced the implementation of two industry standards: *Long-lasting Sealed Insulating Glass (T/SGGG 0006-2024)* and *Grading and Test Methods for Flatness of Architectural Flat Glass (T/CECS 10459-2025)*. Regular participation continues in the China Glass Technology Exhibition and technical seminars organised by bodies such as the China Building & Industrial Glass Association and the Shanghai Glass Fiber and Glass Reinforced Plastic Industry Association. Presently, the company serves as the Chair Unit of the Insulating Glass Professional Committee and the Vice-Chair Unit of the Coated Glass Professional Committee within the China Building & Industrial Glass Association. It diligently fulfils its industry responsibilities, assisting in establishing technical exchange platforms and propelling the sector's high-quality development.

Smart Manufacturing

SYP is actively advancing its intelligent manufacturing transformation by commissioning automated glass-laminating production lines and upgrading process control through smart technologies. The company has introduced intelligent robotic arms to optimize cold-end production, effectively breaking efficiency bottlenecks, while accumulating practical experience in digital transformation to strengthen the foundation for long-term business upgrading.

Case Study

YSYPA Commissioned Its Automated Laminating Production Line

In 2025, Phase III of YSYPA officially launched its automated laminating production line, a core process in the manufacturing of automotive laminated glass. To achieve intelligent production upgrades, the line uses linear vision cameras to distinguish inner and outer glass sheets, supported by a high-precision visual positioning system that conducts real-time inspection and adjustment. The system works together with high-precision sensors and dynamic cameras to perform secondary quality verification, enabling a transition from manual operation to intelligent process control.

Compared with traditional processes, the new line improves the yield rate by 5 percent, shortens production time per glass set by 18 seconds and reduces changeover time from 30 minutes to 10 minutes. The resulting gains in efficiency and quality significantly enhance the competitiveness of SYP's products. The company will continue to introduce advanced technologies and promote process innovation to provide customers with higher-quality products and services.



Case Study

JSYP Achieves Breakthrough in Cold-End Efficiency with Robotic Arm Project

In January 2025, amid a slowdown in the Architectural Processing Glass market, JSYP accelerated the transformation of its CS1 production line toward automotive glass manufacturing. To overcome traditional bottlenecks in cold-end sheet retrieval efficiency, the Changshu facility invested in two intelligent robotic arms, establishing a smart cold-end production line that simultaneously enhanced storage capacity and retrieval efficiency.

Following the equipment's successful delivery to the factory, the cold end production team and maintenance team collaborated closely to complete the installation. This marked the first instance where factory personnel independently executed the installation process. Around the 2025 Spring Festival, the cold end production team conducted online debugging of the end-of-line robotic arms, ultimately achieving their normal production capacity.

Through this intelligent upgrade, JSYP has not only resolved bottlenecks in automotive glass production but also cultivated a dedicated intelligent equipment operations and maintenance team, accumulating invaluable experience for future digital transformation. The successful implementation of this project signifies a significant stride forward for JSYP in the field of intelligent manufacturing.



Practicing Public Welfare and Charitable Acts

SYP, leveraging its own industrial advantages and resource endowments, focuses on four core areas: rural revitalization, community collaboration, educational assistance, and employment empowerment. It continuously gives back to society and fulfills its corporate citizenship responsibilities through practical actions.

Rural revitalization and community collaboration. The company takes "village-enterprise alliance building" as the starting point. In November 2020, JSYP and Xidong Village began a paired collaboration initiative, using measures such as employment promotion and infrastructure improvement to support rural development. Since 2016, CSYPE, under the coordination and organization of the company's Party branch and trade union, has continuously carried out public welfare service activities for the surrounding Taishan Community, actively fulfilling corporate social responsibilities. Over the years, the company has been committed to giving back to society and caring for people's livelihood through practical actions. In 2024, the Company organized two public welfare activities centered on the theme of social responsibility. It donated daily necessities such as rice and grain and oil to local residents in need, effectively helping to improve their living conditions. These initiatives benefited a total of 60 community residents in need and generated positive social feedback.

Educational assistance. Since 2018 (except during the pandemic), Guilin Auto Glass has carried out long-term assistance programs for impoverished children every June 1st and before the Spring Festival. A total of 6,150 RMB has been donated, and the commitment is to assist children until they graduate and find employment. This action was initiated by management personnel and continued by the Party branch, providing protection for the growth of disadvantaged children.

Ecological protection volunteer activities. GPS responded to the call of the Party organization and participated in the "Protect Lijiang, Volunteer Together" activity in April 2022. In April 2023, the company organized its members to participate in the "Warm March Third - Protecting the Mother River" volunteer service. Through practical actions, it practiced the concept of green development and expanded the influence of corporate public welfare.

Employment empowerment and industry-academia integration. The company adheres to the inclusive employment concept. The local employees of CSYPE account for 83%, and 4 disabled people have been employed. Each subsidiary has implemented the employment placement work for disabled people. JSYPE deepens the cooperation between the company and universities and collaborates with universities such as Jiangmen Xinhui Technical College to jointly build training bases. It promotes industry-academia integration from the dimensions of talent cultivation and job supply, helping regional talent development.



JSYPE Employee Volunteer Service



Appendix

Appendix I: Key Performance Indicators

Economic Performance	Unit	2025	2024
Operating Revenue	RMB 10,000	564,156.67	563,585.33
Total Profit	RMB 10,000	22,489.71	15,803.57
Total Assets	RMB 10,000	896,439.42	797,836.90
Total Tax Paid	RMB 100 million	2.42	2.16
Net Profit Attributable to Parent Company	RMB 10,000	13,561.90	11,616.96
Asset-Liability Ratio	%	43.25	42.03

	Environmental Performance	Unit	2025	2024
Climate Change Response	Total GHG Emissions (Scope 1, Scope 2 and Scope 3)	tCO ₂ e	662,508.41	355,607.67
	Total GHG Emissions (Scope 1 and Scope 2)	tCO ₂ e	611,614.87	299,887.42
	Scope 1 GHG Emissions	tCO ₂ e	416,464.51	197,985.95
	Scope 2 Greenhouse Gas Emissions – Location-Based Method	tCO ₂ e	228,620.47	101,901.47
	Scope 2 Greenhouse Gas Emissions – Market-Based Method	tCO ₂ e	195,150.36	
	Scope 3 GHG Emissions (Note: Calculated for certain subsidiaries only)	tCO ₂ e	50,893.54	55,720.25
	Carbon Allowance Trading Volume	10,000 tons	7.95	/
	CCER Trading Volume	10,000 tons	0.00	/
Pollutant Emissions	Total Wastewater Discharge	10,000 tons	112.18	68.08
	Wastewater Recycled	10,000 tons	86.44	/
	COD Discharge (Chemical Oxygen Demand)	tons	164.49	25.62
	BOD ₅ (Biochemical Oxygen Demand)	tons	98.27	10.19
	Suspended Solids	tons	26.90	7.70
	Ammonia Nitrogen (NH ₃ -N) Discharge	tons	14.73	2.04
	Total Phosphorus (as P)	tons	11.93	0.37
	Total Nitrogen (as N)	tons	35.96	3.32
	Nitrogen Oxides (NO _x)	tons	361.98	403.11
	Sulfur Dioxide (SO ₂)	tons	75.53	100.71
Particulate Matter (PM)	tons	16.58	18.47	

	Environmental Performance	Unit	2025	2024
Pollutant Emissions	VOCs Emissions (Volatile Organic Compounds)	tons	7.20	4.96
	Total Non-Methane Hydrocarbons	tons	1.88	0.91
Waste Management	General Solid Waste Disposal Rate	%	100	/
	Total Hazardous Waste	tons	371.06	168.16
	Hazardous Waste per Unit Revenue	tons per RMB million	0.07	0.03
	Total General Solid Waste	tons	150,885.54	32,883.28
	General Solid Waste per Unit Revenue	tons per RMB million	26.75	5.83
Environmental Compliance Management	Total Environmental Protection Investment	RMB 10,000	5,692.96	3,553.15
	Number of Environmental Trainings	sessions	64	/
	Environmental Training Participants	persons	5,198	/
	Environmental Training Hours	hours	48.50	/
	Environmental Training Investment	RMB 10,000	57.70	/
Energy Use	Total Direct Energy Consumption	tce	160,860.00	/
	Total Indirect Energy Consumption	tce	51,521.24	/
	Total Energy Consumption	tce	212,381.24	/
	Energy Intensity	tce per RMB million	37.65	/
	Natural Gas	10,000 m ³	4,048.80	27,968.67
	Gasoline	tons	13.38	6.59
	Diesel	tons	469.27	465.40
	Kerosene	tons	32.84	/
	Fuel Oil	tons	108,086.36	72,248.92
	LPG (Liquefied Petroleum Gas)	tons	453.10	/
	Total Electricity Consumption	10,000 kWh	43,832.30	46,521.81
	Clean Energy Consumption	10,000 kWh	7,615.44	/
	Share of Clean Energy Use	%	17.37	/
Water Resource Use	Total Water Consumption	10,000 tons	1,103.70	213.86
	Water Consumption Intensity	tons per RMB million	1,956.37	0.04
	Water Recycled	10,000 tons	930.89	/
	Water Recycling Rate	%	84.34	/
Circular Economy	Waste Recycled	10,000 tons	11.72	5.87
	Share of Waste Reused/Recycled	%	77.65	/

	Social Performance	Unit	2025	2024
Rural Revitalization and Social Contribution	Total Investment in Rural Revitalization and Social Contribution	RMB 10,000	0.62	0.80
	Employee Volunteer Visits	times	449	/
	Number of Employee Volunteer Activities	times	112	/
	Total Hours of Employee Participation in Rural Revitalization and Social Contribution	hours	639	/
Innovation-Driven	Number of Valid Authorized Patents (during the Reporting Period)	Items	336	393
	Number of Authorized Utility Model Patents (during the Reporting Period)	times	17	/
	Number of Authorized Invention Patents (during the Reporting Period)	items	4	/
	R&D Investment (during the Reporting Period)	RMB10,000	24,547.39	23,906.74
	R&D Investment as % of Operating Revenue (during the Reporting Period)	%	4.35	4.24
	Number of R&D Personnel (during the Reporting Period)	Persons	462	438
	R&D Personnel as % of Total Employees (during the Reporting Period)	%	11.92	11.54
Product and Service Safety & Quality	Number of Invention Patents Applied to Main Business	Items	4	/
	Major Responsibility Accidents	Cases	0	/
	Amount of Damages Involving Major Product/Service Safety Accidents	RMB 10,000	0	/
	Number of Customer Complaints	Cases	947	/
	Customer Complaint Resolution Rate	%	100	/
	Number of Customer Satisfaction Questionnaires Collected	Copies	322	/
Data Security & Customer Privacy Protection	Customer Satisfaction Rate	%	87.93	/
	Number of Customer Privacy Leakage Incidents	Cases	0	/
	Amount Involved in Customer Privacy Leakage Incidents	RMB 10,000	0	/
	Number of Data Security Incidents	Cases	0	/
Employees	Amount Involved in Data Security Incidents	RMB 10,000	0	/
	Number of New Hires (during the Reporting Period)	Persons	353	/
	Total Number of Employees	Persons	3,876	3,797
	Number of Ethnic Minority Employees	Persons	169	/
	Number of Male Employees (End of Period)	Persons	3,261	3,197
	Number of Female Employees (End of Period)	Persons	615	600
	Number of Employees Aged 30 and Under (End of Period)	Persons	544	/
Number of Employees Aged 31-50 (End of Period)	Persons	2,697	/	

Social Performance		Unit	2025	2024
Employees	Number of Employees Aged 51 and Above (End of Period)	Persons	635	/
	New Hires (Social Recruitment)	Persons	259	/
	New Hires (Campus Recruitment)	Persons	91	/
	Number of Training Participants (during the Reporting Period)	Visits	41,078	40,152
	Training Coverage Rate	%	92.16	/
	Annual Training Expenditure	RMB 10,000	125	/
	Investment in Employee Work Injury Insurance	RMB 10,000	507.65	/
	Employee Work Injury Insurance Coverage Rate	%	100	/
	Work Safety Training Hours	Hours	13,698	/
	Work Safety Training Coverage Rate	%	100	/
	Total Investment in Work Safety	RMB 10,000	2,020	/
	Fatalities at Work	Persons	0	0
	Employee Medical Examination Coverage Rate	%	100	100

Sustainable Development-Related Governance Performance		Unit	2025	2024
Anti-Bribery and Anti-Corruption	Number of Corruption Lawsuits Filed Against the Company or Employees	cases	0	0
	Total Number of Directors Receiving Anti-Bribery and Anti-Corruption Training	persons	9	/
	Percentage of Directors Receiving Anti-Bribery and Anti-Corruption Training	%	100	/
	Total Number of Management Personnel Receiving Anti-Bribery and Anti-Corruption Training	persons	6	/
	Percentage of Management Personnel Receiving Anti-Bribery and Anti-Corruption Training	%	100	/
	Total Number of Employees Receiving Anti-Bribery and Anti-Corruption Training	persons	3,876	/
	Percentage of Employees Receiving Anti-Bribery and Anti-Corruption Training	%	100	/
Fair Competition	Number of Lawsuits or Major Administrative Penalties Due to Unfair Competition During Reporting Period	cases	0	/
	Financial Impact of Penalties Related to Unfair Competition During Reporting Period	RMB 10,000	0	/

Notes: The coverage of key performance data for 2025 includes SYP and its major production entity holding subsidiaries; for 2024, due to the ongoing improvement of the data collection systems of some subsidiaries, some key performance data only covered the four-production entity holding subsidiaries of the group.

Appendix II: Benchmarking Index

Report Chapter	GRI Standards	Self-Regulatory Guidelines No. 14 for Companies Listed on Shanghai Stock Exchange— Sustainability Report (For Trial Implementation)*
Preparation Instructions	2-1/2-2/2-3	Article 3 / Article 4 / Article 6
Message from the Chairman	2-22	/
About SYP	2-6	/
Sustainability Management	2-9/2-14/2-16/2-17/2-22/2-25/2-26/2-29	Article 5 / Article 9 / Article 10 / Article 11 / Article 12 / Article 19 / Article 53
1. Governance Chapter: Strengthening Foundation, Steering the Future	1.1 Party Building as the Guiding Force and Governance Foundation	205-2/205-3
	1.2 Standardized Governance, Scientific Decision-making	2-9/2-10/2-11/2-12/2-13/2-14/2-19/2-28/3-1/3-2/3-3/403-2
	1.3 Prudent Management and Risk Prevention	2-27/205-1/205-2/205-3/206-1/207-1/207-2/418-1
2. Environment Chapter: Green Development and Low Carbon Responsibility	2.1 Energy Conservation and Resource Efficiency	301-2/301-3/302-1/302-3/302-4/303-2
	2.2 Emission Management and Clean Operations	303-4/305-7/306-1/306-3/306-4/306-5
	2.3 Climate Action and proactive Carbon Management	201-2/305-1/305-2/305-3/305-4/305-7
3. Social Chapter: Sincere Care and Collective Progress	3.1 People-Centered Approach, Talent-Driven Growth	2-7/2-19/2-20/201-1/201-3/401-2/401-3/403-1/403-2/403-3/403-4/403-5/403-6/403-7/403-8/403-9/403-10/404-1/404-2/405-1/406-1/408-1/409-1
	3.2 Responsible Supply Chain, Co-Creating the Future	2-8/203-1/308-1/308-2/414-1/414-2/416-1/416-2/417-1
	3.3 Caring for Communities and Sharing Growth	203-1/203-2/413-1
Appendix: Key Performance Metrics	302-3/303-5/305-1/305-2/305-3/305-4/305-7/306-3/306-4/306-5/401-1/405-1	/

Feedback Form

Dear Reader:

Thank you for reading the *2025 Environmental, Social and Governance Report* of Shanghai Yaohua Pilkington Glass Group Co., Ltd. To continuously improve the quality and transparency of our report and further enhance our ESG management and practices, we sincerely invite you to complete this feedback form. Your valuable insights and suggestions will provide important reference for the Company's ongoing enhancement of ESG responsibility management.

1. Which stakeholder group does your organization belong to?

- Government and regulatory bodies Shareholders and investors Employees Customers
- Suppliers Peers/Business partners Media and the public Community and non-governmental organizations
- Others (please specify: _____)

2. How would you rate the overall quality of this report?

- Excellent Good Fair Poor

3. Do you believe this report adequately reflects the Company's significant economic, social and environmental impacts?

- Yes No

4. How would you rate the clarity, accuracy and completeness of the information, data and indicators disclosed in this report?

- Excellent Good Fair Poor

5. How would you rate the structure and organization of the report content?

- Very reasonable Reasonable Fair Poor

6. How would you rate the layout, presentation and overall visual design of this report?

- Excellent Good Fair Poor

7. What other information that you are concerned about has not been disclosed in this report?

8. Do you have any additional comments or suggestions regarding SYP's sustainable development work?

Please complete this feedback form and send it to the email address: stock@sypglass.com. Thank you sincerely for your trust and support!



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