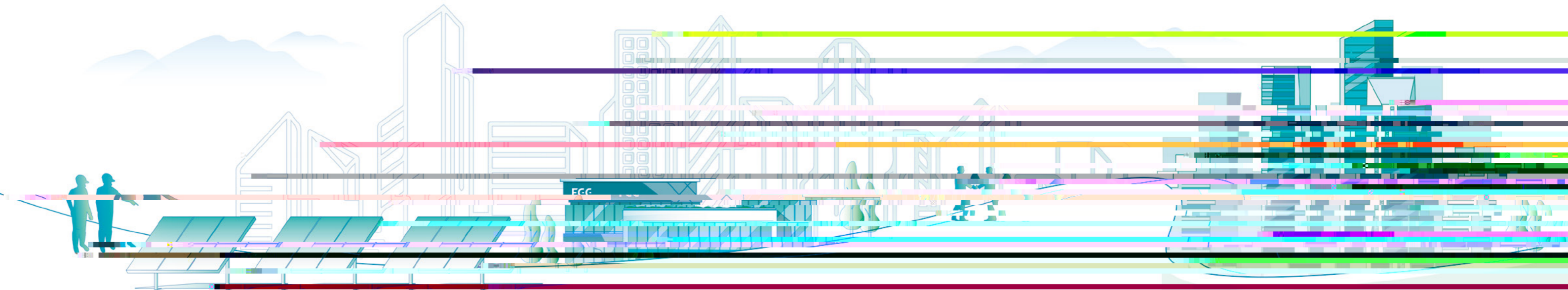




# CONTENTS



## 01

About This Report	03
About Flat Glass	05
Social Responsibility Management	06
<b>Responsibility Theme</b>	<b>13</b>
Responding to Climate Change	

<b>Expanding Global Reach through Sound Operation</b>	<b>19</b>
Sound Corporate Governance	21
Risk Identification and Management	23
Compliance and Business Ethics	25

<b>Customer First and Pursuit for Quality Excellence</b>	<b>29</b>
Stringent Quality Control	31
Safeguarding Customers' Rights and Interests	34
Ongoing Technology Innovation	37

## 02

<b>Building an Eco-friendly Enterprise through Green Operation</b>	<b>39</b>
Environmental Management System	41
Reducing the Environmental Footprint of Operations	43

## 04

<b>Pooling Efforts for Fusion and Symbiosis</b>	<b>45</b>
Safeguarding Employees' Rights and Benefits	47
Empowering Employee Growth	51
Protecting Employees' Health	53
Giving Back to Society	56

Key Quantitative Performance	57
Index of Reporting Standards	62

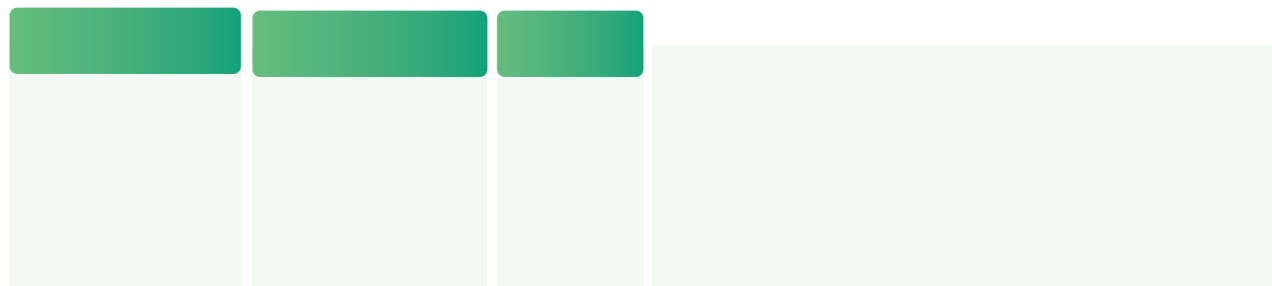
# Information

This Report is prepared in accordance with Standards for the Contents and Formats of Information Disclosure by Companies Offering Securities to the Public No. 2 - Contents and Formats of Annual Reports (2021 Revision)(Chapter 5 Environment and Social Responsibility) issued by the China Securities Regulatory Commission , the Environmental, Social and Governance Reporting Guide (effective from 1 January 2022 ) (“ESG Guide”) issued by the Stock Exchange of Hong Kong Limited (the “Hong



The Company has set targets for water efficiency, energy use efficiency, greenhouse gas emission reduction and waste reduction





## Obpmi kafkd l if b e kdb

Climate change has become one of the most pressing issues of the 21st century. According to the Global Risk Report 2021 published by the World Economic Forum (WEF), environmental risks remain a major concern in terms of the probability and impact of risks over the next decade: extreme weather, human environmental damage, and failure of climate actions all rank among the top 10 global risks. Global warming continues to exacerbate the frequency of extreme weather events and is forcing new policy changes, driving technological innovation and progress across industries, and influencing a shift in the green mindset of consumers and investors around the world.

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In order to achieve effective management of and adapt to the risks and potential opportunities of climate change on bus



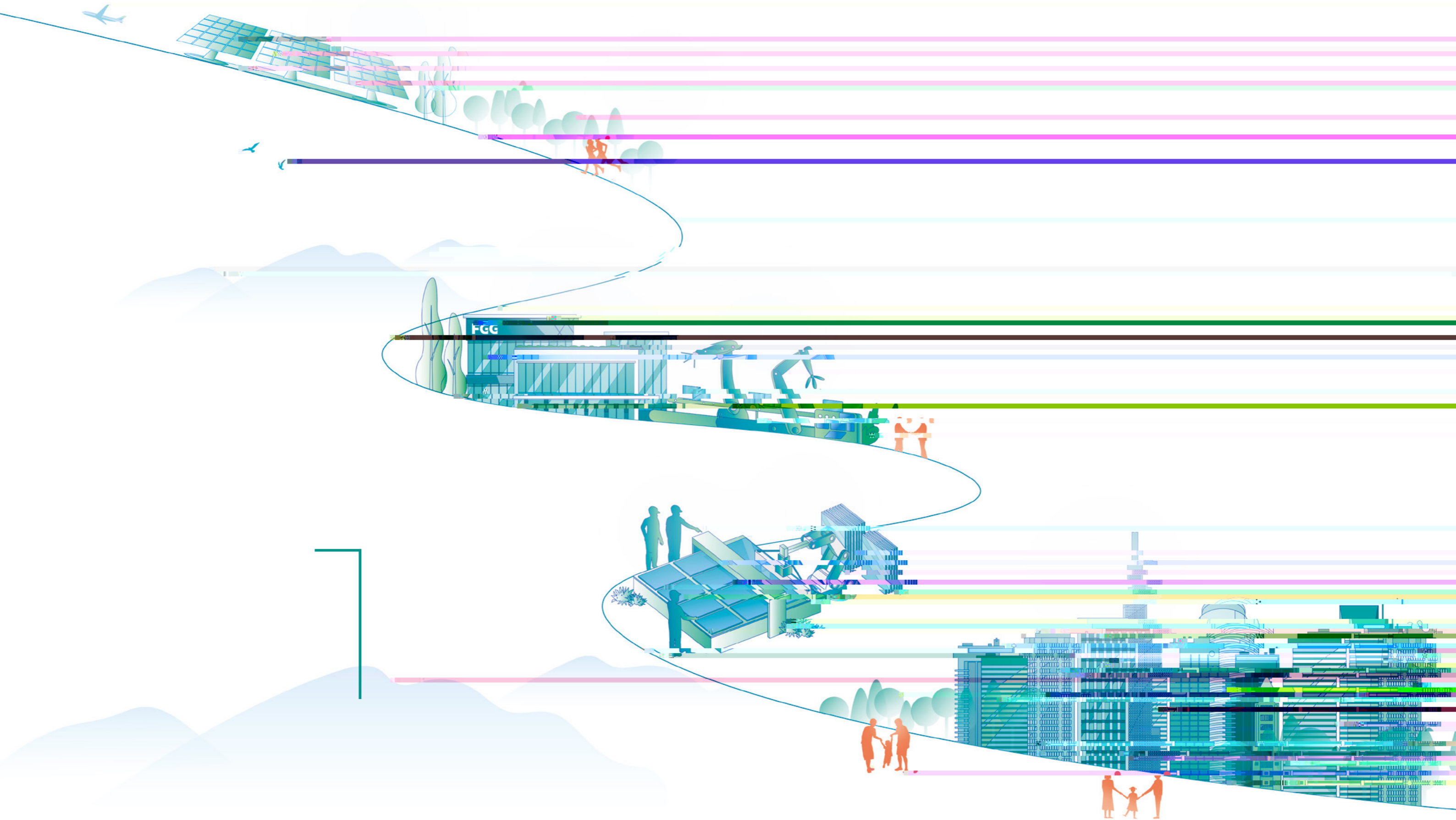
The product manufacturing process is the main source of carbon emissions for the Company. The energy consumed by the Company is mainly: natural gas, fuel oil and electricity, and energy consumption is also the main source of greenhouse gases (Scope I and Scope II). Based on the guideline of energy saving and consumption reduction, the Company has put in place a comprehensive energy management system and has been carrying out various energy saving-oriented technological improvement projects, details of which is listed in the main tasks and achievements of the Group's cleaner production in 2021 on page 44 of this Report, to continuously improve the energy use efficiency of its operation activities and reduce greenhouse gas emissions. Currently, the Company has set a greenhouse gas emission target, which is 10% reduction by FY2025 compared with the base year FY2021.

In 2021, efforts were made by the Company's business units and plants to improve energy use efficiency, further reduce greenhouse gas emissions and reduce the impact of the Company's operations on environment by optimizing production layout, upgrading and renovating equipment and improving the workshop environment.

Case

Active measures to save energy

Measure: Optimization of production layout  
Optimization of production layout  
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and upholding integrity while doing business are prerequisites for sustainable development. Anti-corruption is the focus of the Company's compliance management. The Company has strictly complied with such laws and regulations as the Anti-Corruption Law of the People's Republic of China and the Interim Provisions on Banning Bribery of the People's Republic of China and improved the Fraud Prevention and Whistle-blowing Management System. The Company has strengthened anti-corruption and anti-fraud management work by strictly supervising the procurement process before supervision, and regularly conducted anti-corruption training to enhance employees' awareness of anti-corruption.

In addition to bribery, extortion, fraud and money laundering, the Company has also defined the penalties for employees' bribery in the Employee Handbook, clearly defined the penalties for bribery, and required employees to sign the "Integrity Declaration" before entering the Company. The anti-corruption work in the procurement process is the Company's anti-corruption work. The Company has incorporated anti-corruption clauses into contracts signed to communicate anti-corruption principles to suppliers and ensure clean and disciplined.

The Company provides employees with clear and smooth whistle-blowing channels such as telephone hotlines, e-mails and letters, and encourages employees to complain and blow the whistle on corruption either in a real name or anonymously. To prevent any

### ■ Anti-corruption whistle-blowing and handling process



Case  
Flat Glass 2021 Compliance Training on "Corporate Anti-Corruption and Anti-Bribery"

In December 2021, the Company invited professional lecturers for the compliance training with the theme of "corporate anti-corruption and anti-bribery" both physically and virtually to publicize relevant system regulations and positive and negative cases of anti-corruption and anti-bribery of enterprises, show the Company's persistent zero tolerance stance on corruption and bribery, encourage employees to raise their sense of responsibility, and practice the idea of upholding integrity and being public-spirited. The training involved 173 employees including directors, supervisors, senior executives, as well as relevant employees of departments and offices of the headquarters and subsidiaries.

# Customer First and Pursuit for Quality Excellence

As a specialist serving the glass industry for years, Flat Glass with a vision of "Committed to be a globally influenced company in the glass industry", insists on embracing integrity and quality to become a Chinese national brand engaged in the glass industry. The Company has continued its efforts to improve the quality management and service level and carry out technological innovation to create ongoing value for customers.

02

The Company always upholds the business philosophy of "centering on customer satisfaction, to expand market with quality, to develop with improvement" and the quality policy featuring "quality first, quality is everyone's responsibility". The Company, in the pursuit of high-quality development, has put in place a comprehensive quality management system, and to ensure that the quality control measures are effectively implemented in all production links and provide customers with high quality products, the Company has formulated quality managememe



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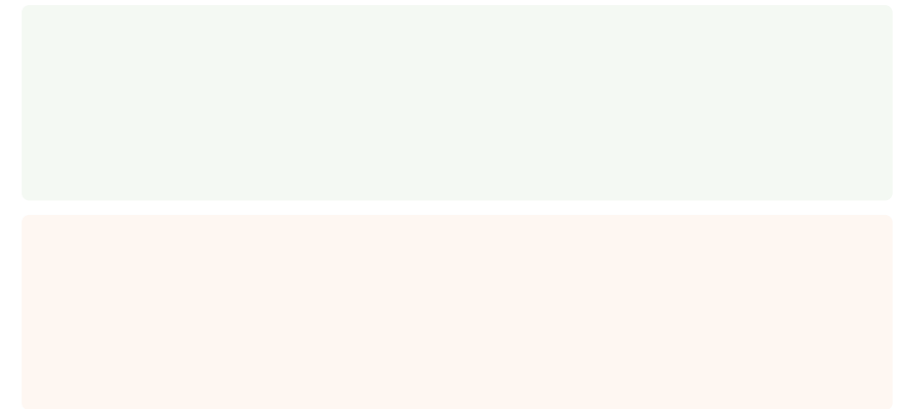
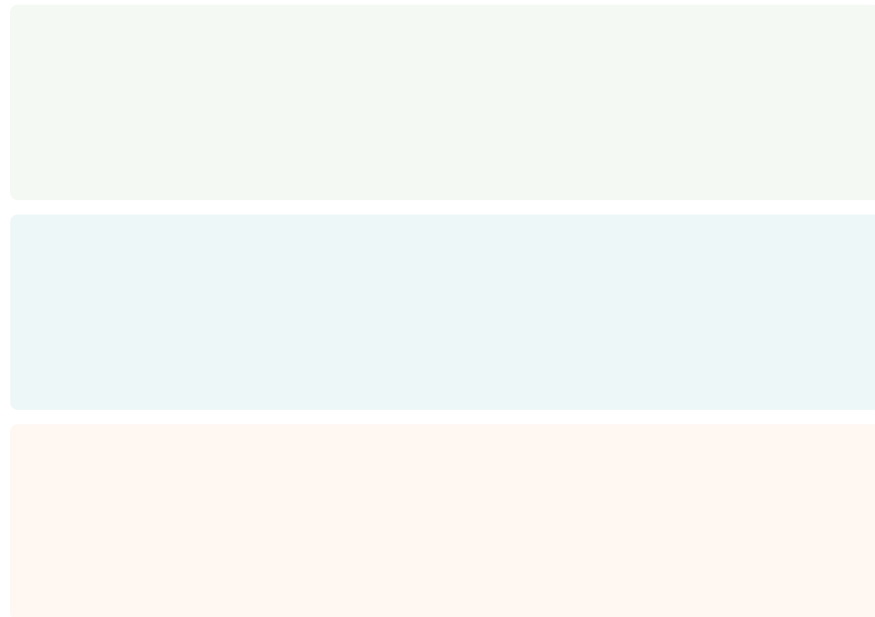


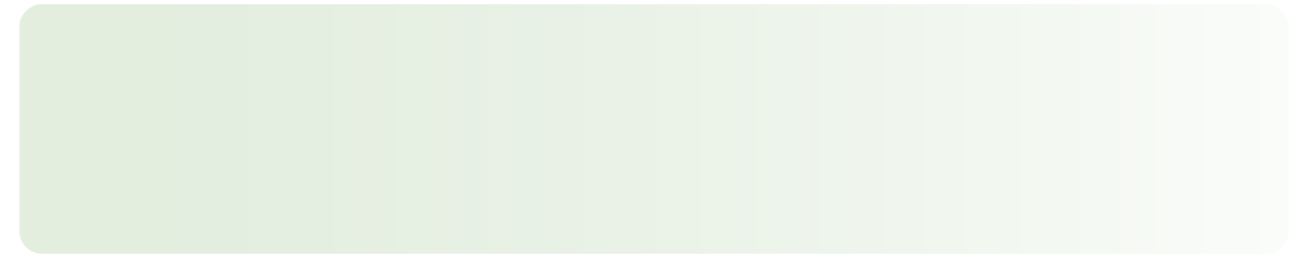
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Establishment of a sound quality system	<ul style="list-style-type: none"> <li>All the Group's production plants have been certified by ISO9000, China Compulsory Certification (CCC), Zhejiang Made, SPF, ROHS, REACH, EN12150 and other product certifications;</li> <li>Throughout the year 2021, we established or revised and issued SOPs such as Regulations of PV Division on Pallet Management, Regulations of PV Division on Excipients Feeding Management, Code of Practice on Quartz Sand Operation, Code of Practice on FLAT Warehouse Management, Code of Practice on Feeding Inspection of Float Glass (Large Version), Control Scheme for Tempered Glass, etc., and promoted the standardization and unification of production, process and inspection of production bases;</li> <li>Increased the audit frequency of suppliers and implemented control over the import of raw materials from the head process.</li> </ul>
Technology improvement	<ul style="list-style-type: none"> <li>Made improvement in the technology control of perforated double-glazed products, colorless coated products, and falling ball on back plate.</li> </ul>
Enhanced technical supervision	<ul style="list-style-type: none"> <li>Newly purchased glass mechanical performance monitoring equipment to ensure timely, comprehensive and effective product quality feedback and improvement, and to promote steady enhancement of glass performance.</li> </ul>
Contribution to quality awareness raised for all employees	<ul style="list-style-type: none"> <li>Carried out regular quality promotion activities at all levels by holding morning meetings, team meetings, weekly meetings, monthly meetings, etc. to improve employees' quality awareness;</li> <li>Improved and optimized internal quality management system and standard documents, and carried out periodical internal supervision and inspection to correct deviations;</li> <li>Summarized product quality data by product/by category, and conducted follow-up analysis in phases before development of measures for improvement;</li> <li>Set up quality appraisal targets for teams/departments, with clear rewards and penalties, to tap internal potential.</li> </ul>

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Supplier management is an important part of the Company's efforts to improve quality management and ensure its continuous operation. The Company has formulated and continuously improved the Supplier Management Code to standardize the quality management of suppliers. Besides, it is committed to fostering

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## Technology innovation

The Company holds "development by improvement" as one of its business guidelines and regards innovation as its foundation for business development. By integrating the innovation concept featuring "innovative thinking, innovative knowledge and innovative technology" into its corporate culture, the Company has continued its efforts to strengthen the Company's independent R&D capability and staff innovation capability. In 2021, the Company further improved its R&D system, promoted new product development, technology leaning and other technological innovation, and was awarded the Leading Innovative Enterprise of Zhejiang Province for 2021.

### R&D system development in Flat Glass



In 2021, the Company's R&D Department regularly conducted recent weathering resistance tests on coated glass and glazed glass to ensure that the weathering resistance of the products produced is qualified and then monitor the products to ensure stable product performance; conducted strict testing and analysis of various coating solutions and coating solution raw materials produced independently and newly introduced to ensure that the coating solutions are qualified in all performance tests before they are released for use, so as to ensure the stability of the Company's production stability of coated glass; conducted timely project analysis on newly developed glaze and coating solutions in 2021 to ensure the normal development of products and timely development of new testing standards.

With an eye to industry-academia-research institutes collaboration, the Company has, since 2012, signed enterprise-academia cooperation agreements with more than 10 colleges and universities, such as Jiaxing Technician College, Bengbu University School of Materials and Chemical Engineering, China University of Mining and Technology School of Foreign Studies, in a bid to establish long-term partnership and continue to deepen the integration of industry and education. In 2021, the Company signed an agreement with Shanghai Jiao Tong University for industry-academia-research institutes collaboration.

**Case**

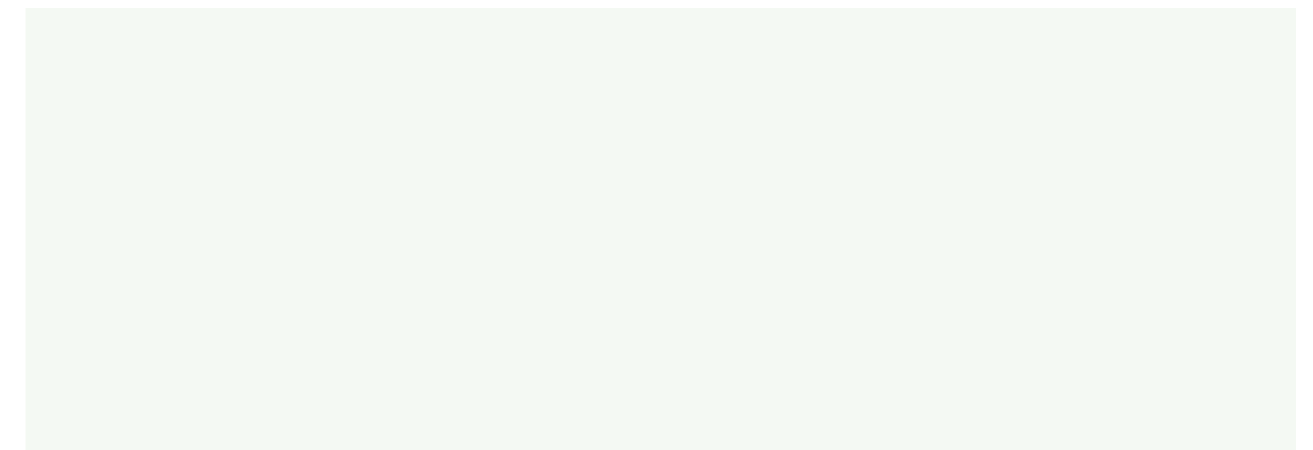
**Development of proprietary colorless coated glass**

In 2021, the Company exerted great efforts for the development of its proprietary colorless coated glass. With the existing technology of anti-reflective film for coated glass, this product has an optimized film structure and a double-layer film system structure, with the bottom layer material refractive index between 1.40-1.50 versus the surface layer material refractive index between 1.30-13.5. Besides, it features optimized and improved denseness of the surface structure of the film layer and increased hardness and wear resistance of the film layer. A reasonable design featuring double glass refractive index and film thickness enables the double-layer coated glass to achieve uniform anti-reflection in the whole wavelength and reduce color difference.

The product can be used in all-black modules to reduce the color difference between modules and enhance the aesthetic effect of the modules. Therefore, it is highly recognized by domestic and international customers.

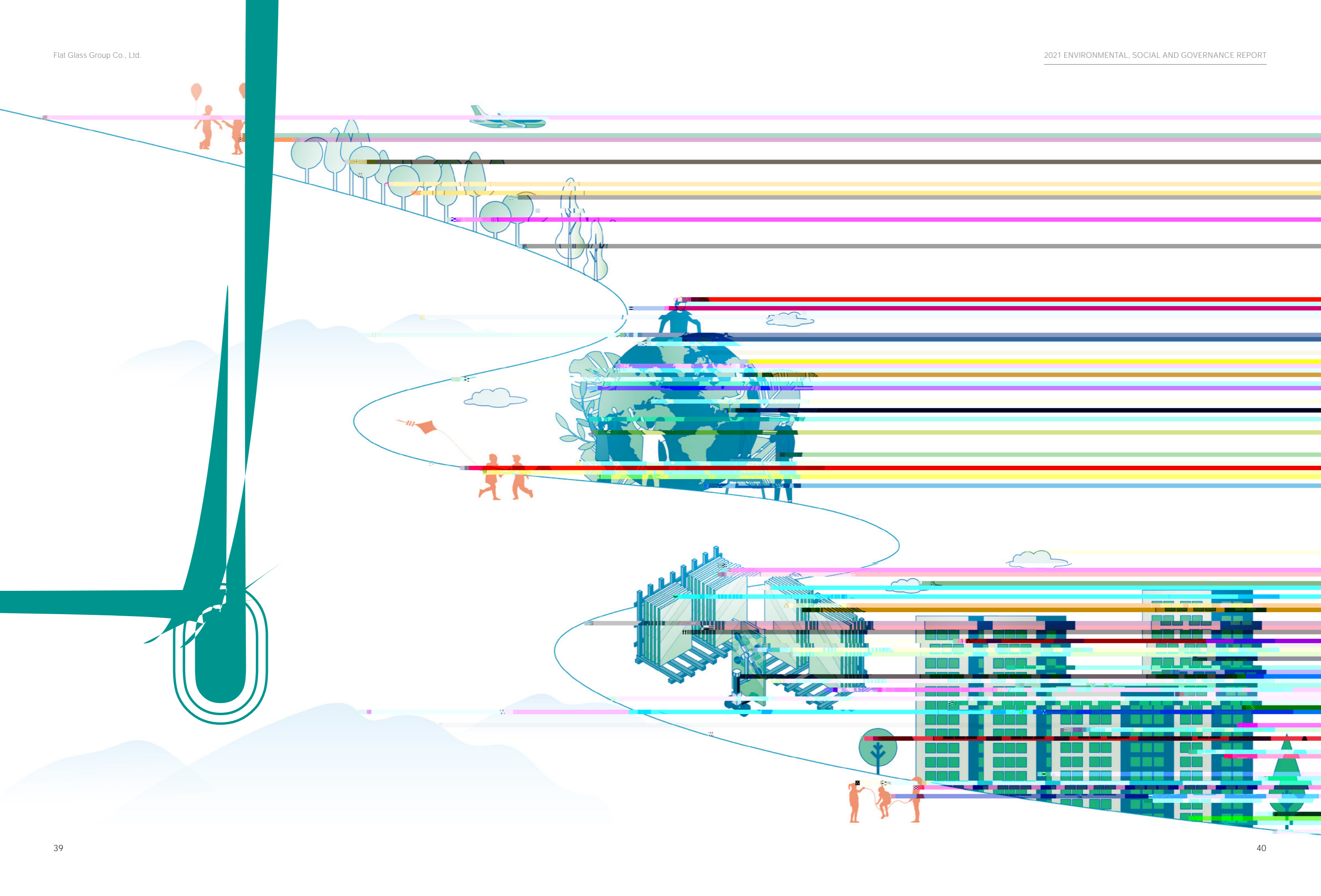
**Case**

**Implementation of cooperative education base project by industry-academia-research institutes collaboration**



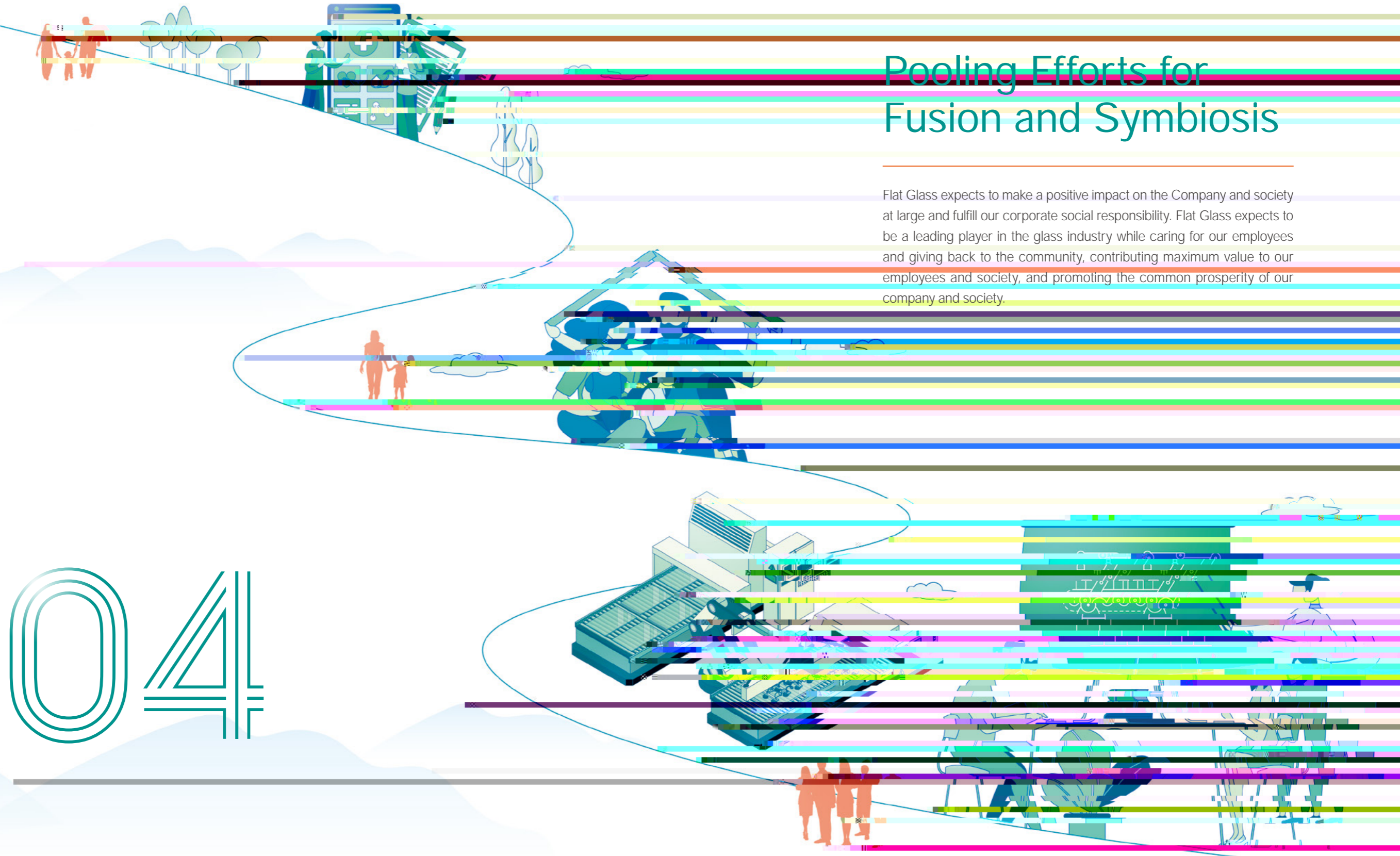
## Intellectual property protection

The Company has established the management system of Measures for the Administration of Intellectual Properties, set up the Intellectual Property Management Department, and made detailed regulations on the management, use and protection of intellectual property rights, such as patents, trademarks and copyrights, so as to safeguard its own intellectual property rights in accordance with the law, strengthen the management and protection of its own patent rights and technical secrets, trademark rights and trade secrets, as well as copyrights, while respecting and avoiding infringement of others' intellectual property rights. In 2021, the Company saw zero illegal incident/violation or litigation case against intellectual property protection.









## Pooling Efforts for Fusion and Symbiosis

Flat Glass expects to make a positive impact on the Company and society at large and fulfill our corporate social responsibility. Flat Glass expects to be a leading player in the glass industry while caring for our employees and giving back to the community, contributing maximum value to our employees and society, and promoting the common prosperity of our company and society.

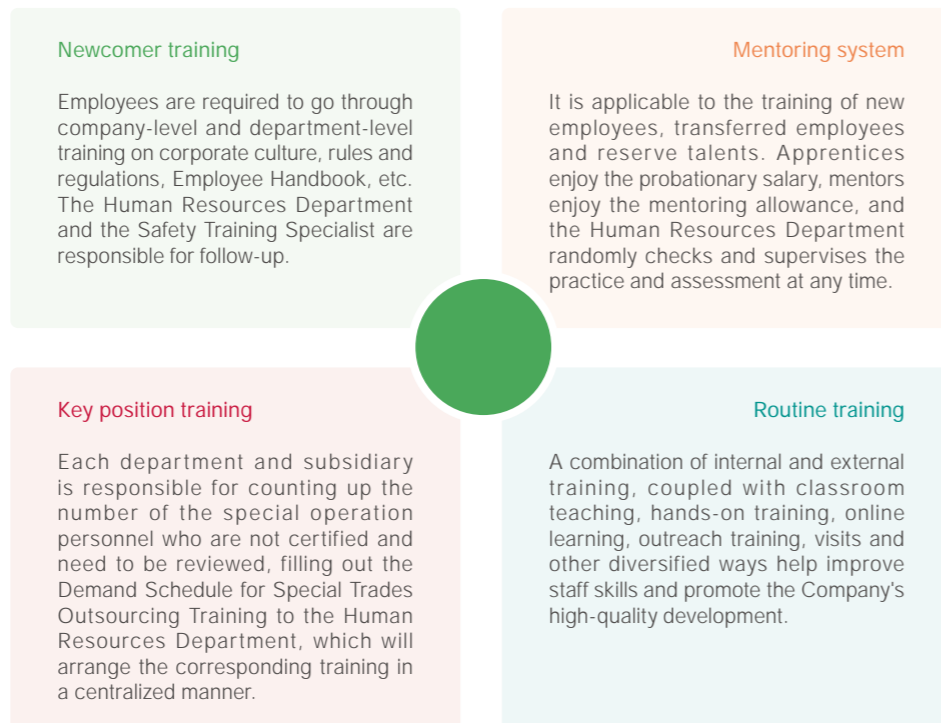


In order to bring into play the team spirit and courtesy of employees and further reflect the people-oriented mindset of the Company, the Company

Supporting employees to achieve career development and value of life is an important mission of the Company for their growth. To this end, the Company provides diverse training for employees to continuously enhance their expertise and skills, improve their management skills, and help them build meaningful careers.

## Staff training

The Company has been vigorously promoting the "craftsmanship", and committed to the building of a learning organization and the establishment of a team of versatile professionals who honor dedication, put equal stress on integrity and ability, are proficient in skills, and pursue innovation. Over the years, the Company has focused on the development of employee training system through a targeted and diversified talent training system to continuously improve the ability and value of employees. The Company has also set up a special education fund to ensure that employees can enjoy free skill level training and professional proficiency training. In 2021, the Company conducted a total of 562 training sessions.

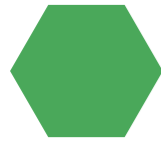


Employee health and safety has always been the top priority in the Company's business management. By following the "6S" management policy of Seiri, Seiton, Seiso, Seiketsu, Shitsuke and Security, focusing on the standardization of production safety and job safety attainment, and taking great efforts for accident and hidden danger investigation and management, the Company has ensured the health and safety of all employees, and secured them a safe and comfortable workplace where they are free from occupational hazards.

The Company regards employee safety as one of its priorities, strictly abides by the Law of the People's Republic of China on Work Safety, Regulations on Work Safety Permits, Regulation on the Safety Management of Hazardous Chemicals and other national laws and regulations related to safe production, and strengthens the safety management of the Company by continuously strengthening the top-level design of safety management and optimizing and improving the safety management system of the Group.

The Company has formulated a production safety responsibility system, set up a production safety committee at the Group level, identified General Manager as principal of the Company's production safety, and established a production safety responsibility system for all employees. The management body of the Company has implemented the production safety system.

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To actively respond to the call of the Party Central Committee to push "Those Who Become Prosperous First to Help Those Who Lag Behind", and care about support the public welfare of the youth, the Company voluntarily donated RMB 1 million to a common prosperity fund dedi7 (\*)36cpt72.2 (e)-16.9 (t)-0.6 (t)6.8 ()235.9 (])TJ0.402 Tc 0 -1.312 Td[yPehopm e ()-7.1 (Je)-10

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