



Sustainability Report

Improving Lives by Developing
Resources Sustainably

About the Report

This Report is the fifth sustainability report issued by Asia Symbol. As the world's leading pulp and paper manufacturer, Asia Symbol attaches great importance to communication with stakeholders, and, through this Report, hoping to expound its sustainability policy, strategy, action and performance, and systematically respond to the important sustainability issues of concern to all parties.

Report Period

The reporting period is from January 1, 2020 to December 31, 2021, and appropriately traces or extends to important years for Asia Symbol. The last report was released in September 2020. To enhance the transparency of enterprise operations from 2022 onwards, the Asia Symbol sustainability report will be published annually rather than biennially.

Report Boundary

The main body of the Report includes Asia Symbol (Shandong) Pulp and Paper Co., Ltd. and Asia Symbol (Guangdong) Paper Co., Ltd. For the convenience of presentation, in this Report, "Asia Symbol", "the Company" or "we" refer to "Asia Symbol Group", "Asia Symbol (Shandong)" refers to "Asia Symbol (Shandong) Pulp and Paper Co., Ltd.", and "Asia Symbol (Guangdong)" refers to "Asia Symbol (Guangdong) Paper Co., Ltd.".

Data Sources

The data adopted in this Report is all derived from the official documents and statistical reports of Asia Symbol. The Company promises that this Report contains no false records, misleading statements or material omissions.

Reporting Standards

This report is prepared in accordance with the Global Reporting Initiative (GRI) Standards (2016) - "Core option" and the United Nations Sustainable Development Goals (SDGs), while highlighting the Company's features and the industry's characteristics.

Third Party Assurance

This Report has been verified by SGS-CSTC Standards Technical Services CO., LTD. (SGS), with its details shown in the attached *Assurance Statement*.

Access to the Report

This Report is released in both Chinese and English, with both hardcopy and PDF versions. In case of any inconsistency between the Chinese version and the English version, the Chinese version shall prevail. You can view the Report on our website www.asiasymbol.com. If you have any questions or needs for communication, please contact the Corporate Social Responsibility Department of Asia Symbol:
E-mail: feedback@asiasymbol.com
Tel.: 0633-3369090

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President's Message



Head of Asia Symbol
Management Committee

Chen Xiaorong

Since 2020, in the face of profound changes unseen in a century and severe impact brought by the pandemic, Asia Symbol has stayed true to its original aspiration and, guided by the vision of "Creating value for the Community, Country, Climate, Customer and Company", actively integrated corporate social responsibility into enterprise management, releasing the *Sustainable Development Goals of Asia Symbol by 2030*. Besides, it has also endeavored to prevent environmental and social risks in corporate operations, enhance the transparency and inclusiveness of enterprise operations, join hands with stakeholders for co-creation of value, and help companies achieve high-quality development. In 2021, the Company has witnessed high-quality and steady growth in operations, reaped operating revenue of RMB 17.75 billion, and paid taxes up to RMB 1.93 billion, with contributions made to the local economic and social development.

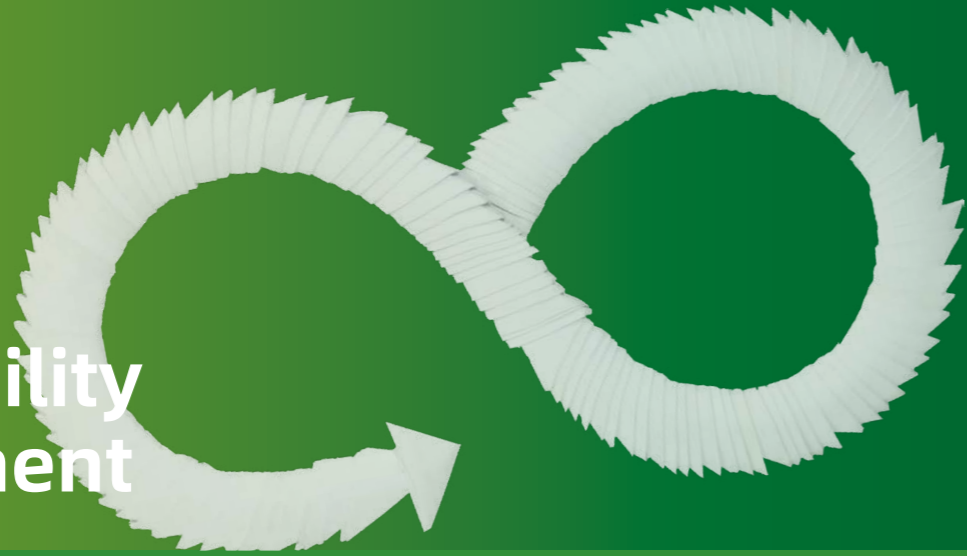
We firmly believe that scientific and technological innovation is the key to spurring high-quality development of the paper industry. We continue to increase input in innovation, improve the innovation capability of the Company, promote industrial development with technical advantages, embrace the goal of satisfying the growing expectations for a better life, adapt to the needs for individualized, differentiated, and high-quality products, and realize the leap from a production-oriented enterprise to a service-oriented one. Since 2020, the Company has applied digital and intelligent means to lift the operation efficiency of the Company's value chain, aiming to boost high-quality development of the enterprise. In 2021, the "Asia Symbol Digital Smart Factory Project" was successfully selected as a bench-marking demonstration project for the digital transformation of the manufacturing industry under the special funds of Guangdong for promotion of high-quality economic development.

We implement full life cycle management to improve the efficiency and cyclic utilization of resources, with full dedication to building a green enterprise that features low carbon, environmental protection and sustainable development. We have established a whole-staff, full-time and all-round environmental protection management system, and adopted the world's most advanced environmental protection technology equipment and control and management systems, based on which the major pollutant discharge indicators and energy consumption indicators are at the leading level, ranking among the top 5% in the industry. In 2020, Asia Symbol (Shandong) was awarded the title of "National Green Factory", and Asia Symbol (Guangdong) the title of "Environmental Protection Integrity Enterprise (Green Card)" in 2021, for the 8th consecutive year. The Company has also applied the concept of ecological design to develop sustainable products, and form a product system that is more ecological, economical and sustainable, so as to minimize the adverse impact on the environment throughout the life cycle of products. In 2021, Asia Symbol (Shandong) was rated as one of the top 100 enterprises in the paper packaging industry, the coated white paperboard and the white paperboard for cigarette packs under the "BoardOne" brand were selected as "Green-Designed Products" by the Ministry of Industry and Information Technology, and the "Red PaperOne Copy Paper" has become the domestic first carbon-neutral copy paper, and a benchmark in the industry.

We adhere to the concept of "co-construction, symbiosis, mutual benefit, and sharing", and join hands with stakeholders, including employees, communities, suppliers and customers, for mutual development. We attach great importance to rights and interests, training, development, and occupational health and safety of employees, regard the enterprise as a part of the community, perform responsibilities as a qualified enterprise citizen, and, through education support, local livelihood empowerment and community enhancement projects, participate in community activities and support the community development, with several branded public welfare projects such as "Early Childhood Development", "Environmental Protection Painting Competition", "Paper Maker Star", and "Rural Intangible Cultural Heritage Hand Drawing" formed, thus filling the community residents with the warmth of the Company. As of 2021, Asia Symbol had invested more than RMB 140 million in social welfare, with positive contributions made on improving the regional educational equality, enhancing the residents' livelihood, and supporting the country's poverty alleviation and rural revitalization.

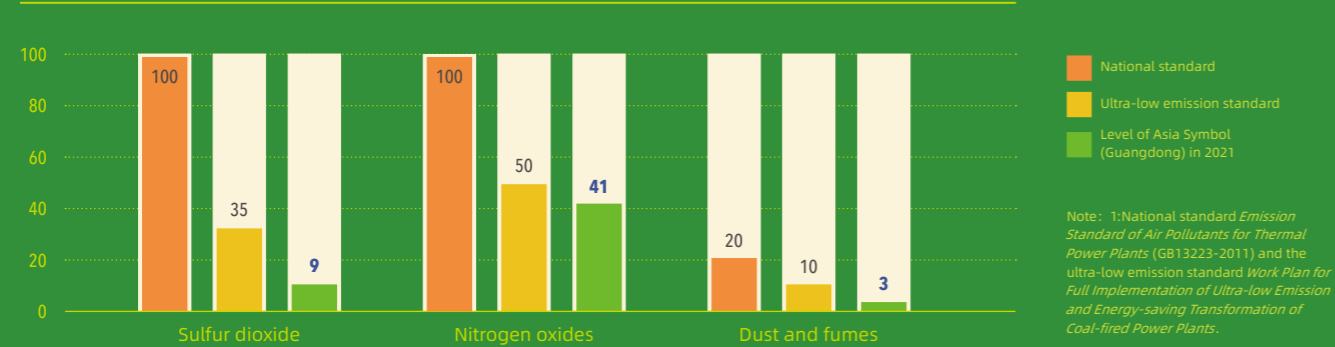
We hold the firm belief that a good business operation must benefit the people, the nation, the environment, and the customers, and only such an operation can be beneficial to the enterprise and enable its sustainability development. To this end, Asia Symbol, while its own business develops and grows, will never forget to give back to society, aiming to achieve a higher-level, better-structured, more efficient, more equitable and more sustainability development.

Highlights of the Sustainability Development



In 2021, the coated white paperboard and the white paperboard for cigarette packs under the "BoardOne" brand of Asia Symbol (Shandong) were selected as "Green-Designed Products" by the Ministry of Industry and Information Technology.

Boiler Exhaust Emission Concentration of Asia Symbol (Guangdong) ¹ (Unit: mg/m³)

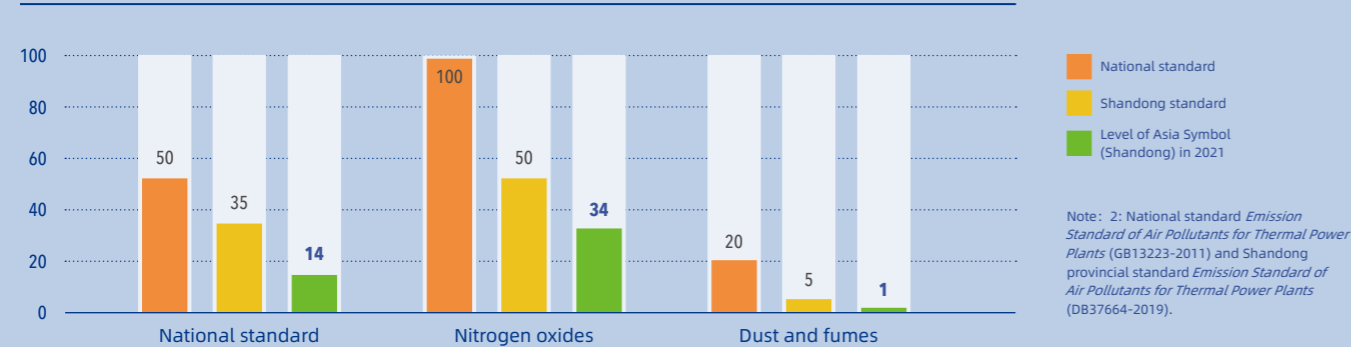


In 2021, Asia Symbol (Guangdong) obtained the "carbon-neutral" product certificate issued by the Haixia Resources and Environment Exchange, and its "Red PaperOne Copy Paper" became the first "carbon-neutral" product in the paper industry of China.

Asia Symbol (Shandong) fulfilled the integrated project phase I of flue gas deep treatment and waste heat warming, supplying heating to **30,000 households** in Rizhao. After the completion of the entire project, the heating area is expected to reach 6 million square meters, and the annual carbon dioxide emission reduced by **380,000 tons**.



Boiler Exhaust Emission Concentration of Asia Symbol (Shandong) ² (Unit: mg/m³)



70
million

Asia Symbol (Shandong) invested RMB **70 million** to build the first large-scale domestic urban reclaimed water reuse project, with **10 million** tons of water saved every year; and adopted the black liquor generated during the production to carry out biomass thermal energy generation, with carbon emissions reduced by more than 3 million tons per year.



In 2020, Asia Symbol (Shandong) was selected into the fifth batch of green manufacturing list of the Ministry of Industry and Information Technology, becoming a "national green factory".



Asia Symbol (Guangdong) has performed systematic digital transformation on the value chain, with the aim to lift operational efficiency of enterprise. For that matter, in 2021, the "Asia Symbol Digital Smart Factory Project" was successfully selected as a bench marking demonstration project for the digital transformation of the manufacturing industry under the special funds of Guangdong for promotion of high-quality economic development.

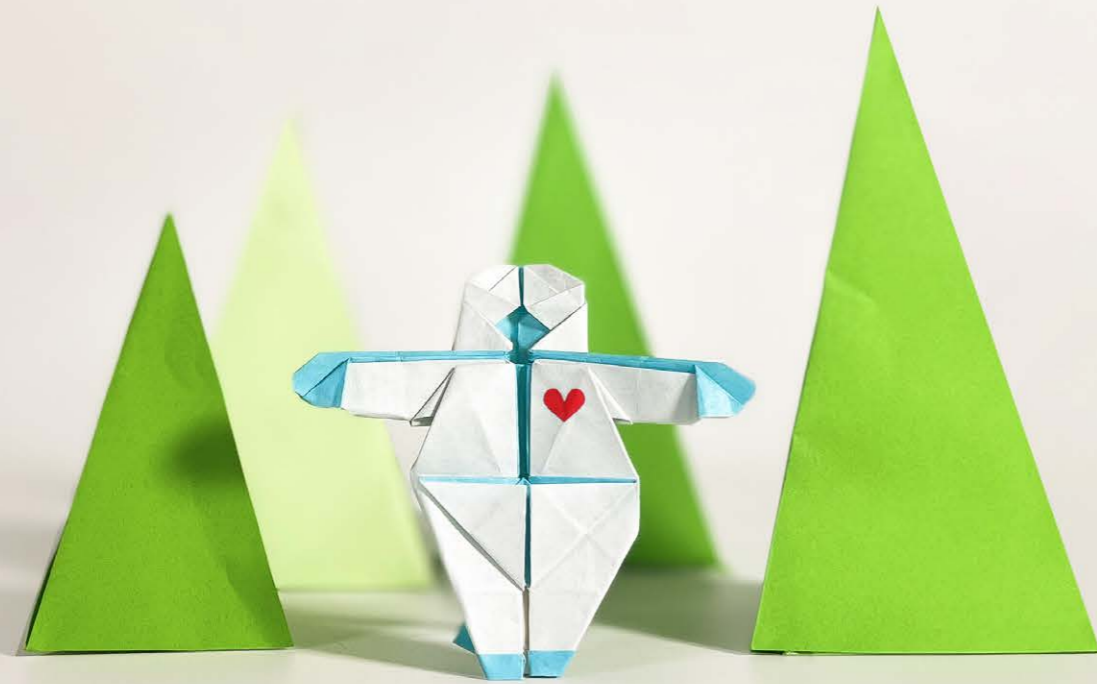


The Company donated **3** centers for HOPE- Early Childhood Education Development in the Rizhao Economic-Technological Development Area, providing infants aged 0-3 with scientific childcare guidance services Tailored to their age. The project was selected as one of the "Responsibility Shining Over Shandong • 2021 Typical Cases of Public Welfare Projects in Shandong".



In 2021, Asia Symbol upgraded "The Storyboard Competition" into "PaperOne -Global Storyboard Competition", which have launched for 6 years. The Competition encourage students to share their perception by reading, writing and painting. It has influenced more than 300,000 students in primary and middle school.





Our Battle against COVID-19

The COVID-19 pandemic broke out at the beginning of 2020, causing a huge impact on the normal production and lives of people. As a responsible enterprise, Asia Symbol has, while performing its own pandemic prevention and control, gathered its efforts, integrated advantageous resources, and helped combat the pandemic through various channels, with its responsibility as an excellent corporate fully demonstrated in the process.

Zero Infection and Zero Production Shutdown

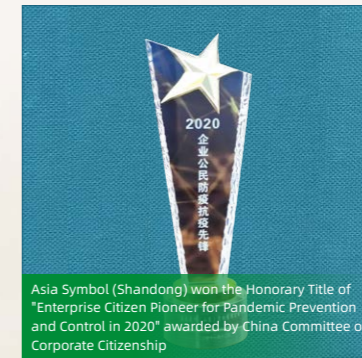
At the early stage of the outbreak, Asia Symbol immediately set up an "anti-pandemic" work coordination team, formulated detailed pandemic prevention procedures and graded prevention and control measures, effectively guaranteeing individual protection and on-site disinfection in the whole factory, and spared no effort to ensure the safety and health of employees, achieving zero infection and zero production shutdown. At the same time, the Company insisted on no layoffs, no salary cuts, no reduction in social security bases and rates, and no decrease in benefits, so as to fully secure employees' stable employment and related rights and interests.



On-site Disinfection of Workplace in Asia Symbol (Guangdong)

Donation of Anti-pandemic Materials Which Benefited Millions of People

In the early days of the outbreak in 2020, there was an extreme shortage of anti-pandemic materials. Asia Symbol (Shandong), in response, quickly adjusted its process to produce sodium hypochlorite disinfection stock solution and donated more than 1,300 tons of the solution (allowing production of 130,000 tons of disinfectant) to Rizhao and the whole country. Additionally, The Company also actively coordinated global resources, purchased 160,000 masks and donated them to the front lines of pandemic prevention and control in Rizhao, Xinhui and Wuhan, providing a solid guarantee for local pandemic prevention and control, as well as people's work and life. From 2020 to 2021, Asia Symbol (Shandong) reaped many honors such as "Enterprise Citizen Pioneer for Pandemic Prevention and Control in 2020", "Loving Unit" for Combating the COVID-19".



Asia Symbol (Shandong) won the Honorary Title of "Enterprise Citizen Pioneer for Pandemic Prevention and Control in 2020" awarded by China Committee of Corporate Citizenship



Asia Symbol (Guangdong) Donated Anti-pandemic Materials to Xinhui District, Jiangmen City



Asia Symbol (Shandong), Together with Beijing Tanoto Foundation, donated 16 tons of disinfection stock solution for national pandemic prevention and control



Asia Symbol (Shandong) donated RMB 6 Million and a batch of materials for pandemic prevention and control to Wulian County

Donation of RMB 6 Million for Wulian County's Fight Against the Pandemic

In October 2021, COVID-19 broke out in Wulian County, Rizhao City. In response, Asia Symbol (Shandong) donated 5 tons of sodium hypochlorite disinfection stock solution (which could be diluted into 500 tons of practical disinfectant) RMB 6 million to fully support the pandemic prevention and control.



In 2021, the Red Cross Society of China Awarded Asia Symbol (Shandong) the "Fraternity Medal of the Red Cross Society of China"



Then vice mayor of Rizhao Gao Yuebo:

As a key enterprise in Rizhao, Asia Symbol is fully concerned with pandemic prevention and control, injects strength and warmth into the current prevention and control work, and demonstrates spiritual responsibility and consideration for people's livelihood.



About Asia Symbol

Company Profile

Company Profile

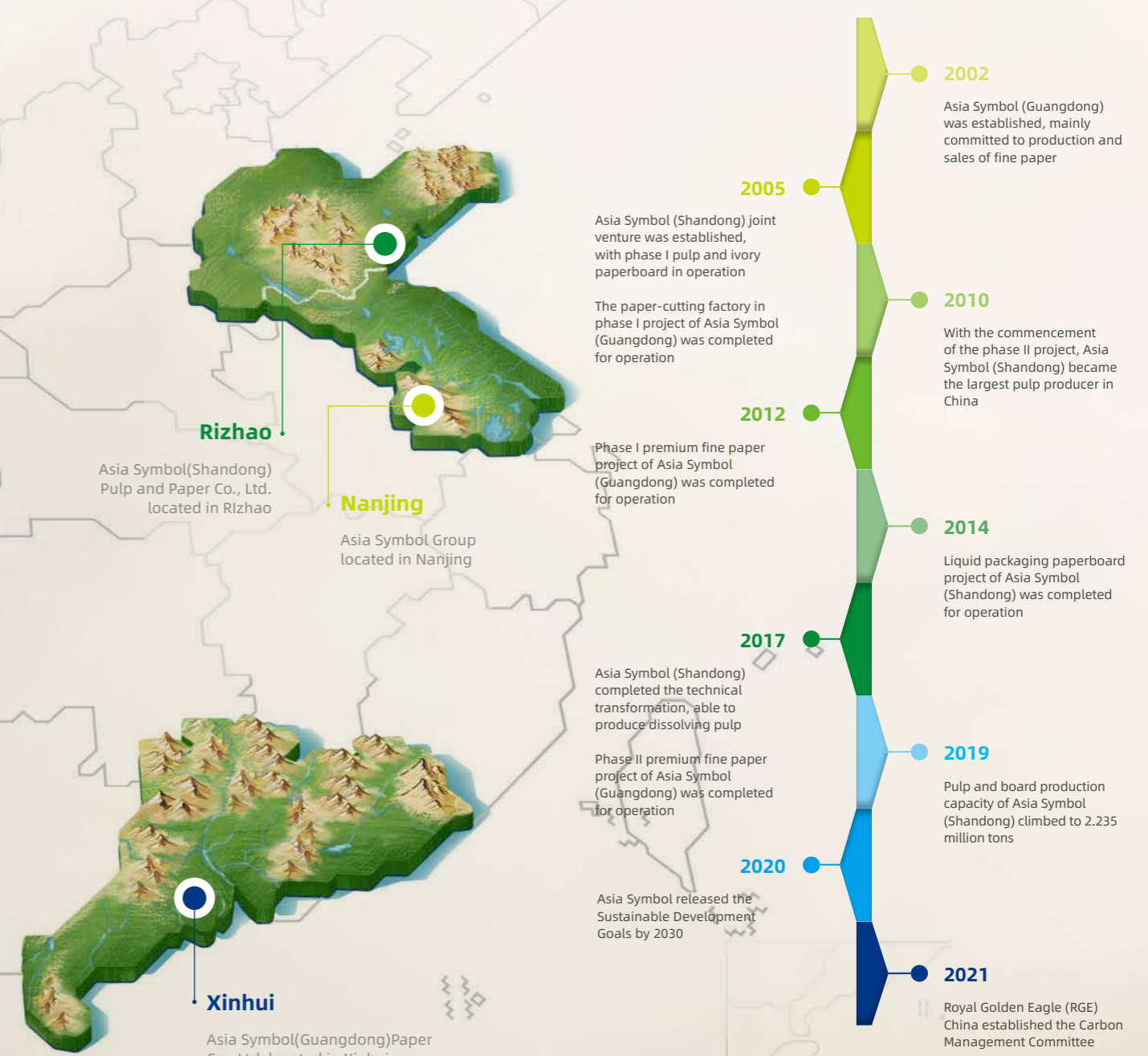
Asia Symbol, a member of Royal Golden Eagle, is a world leading pulp and paper manufacturer, with investments in both Shandong and Guangdong. Its major products include chemical wood pulp, liquid packaging paperboard, cigarette cards, food cards, social cards and fine paper, which sell all over the world.

Asia Symbol (Shandong) Pulp and Paper Co., Ltd., located in Rizhao Economic-Technological Development Area, Shandong, holds a total investment of more than RMB 20 billion, of which more than RMB 5 billion is invested in environmental protection, and a total tax payment of RMB 1.42 billion (including customs duties) in 2021. With an annual output of 2.8 million tons of pulp and paperboard, the Company is the world's leading vertically integrated enterprise of pulp, paper and pulp fiber.

Asia Symbol (Guangdong) Paper Co., Ltd., located in Yinzhou Lake Paper Base, Xinhui, Guangdong, is one of the largest manufacturers of premium fine paper in South China, with an annual output of 1 million tons.

Company Name	Asia Symbol (Shandong) Pulp and Paper Co., Ltd.	Asia Symbol (Guangdong) Paper Co., Ltd.
Date of Establishment	August 17, 2005	November 21, 2002
Nature of Ownership	Sino-foreign joint venture	Sino-foreign joint venture
Number of Employees in 2021	2007	1358
Sales Revenue in 2021	RMB 11.39 billion	RMB 6.36 billion
Total Assets in 2021	RMB 19.12 billion	RMB 9.21 billion
Products	Bleached hardwood kraft pulp, premium ivory paperboard and liquid packaging paperboard	Premium fine paper
Output in 2021	2.084 million tons of pulp and 609,000 tons of paperboard	1.025 million tons
Market	Wood pulp is mainly sold in China, and paperboard mainly in China, Southeast Asia, Middle East, Europe, America, etc.	Sold in more than 20 countries and regions such as Japan, South Korea and Hong Kong
Business Address	No.369, Beijing Road, Rizhao Economic Development Zone, Shandong Province	No.1 Ruifeng Industry Zone, Shalu Village, Shuangshui Town, Xinhui District, Jiangmen City, Guangdong Province
Critical Change	None	None

Development History of Asia Symbol



Starts with me
Values and Culture

Purpose

Improving lives by developing resources sustainably

Vision

To be one of the largest, best-managed and sustainable resource-based groups, creating value for the Community, Country, Climate, Customer and Company

Core values (T.O.P.I.C.C)

We are aligned by our common purpose and work together as a complementary **team**

We take **ownership** to achieve outstanding results and seek value at all times

We develop our **people** to grow with us

We act with **integrity** at all times

We understand our **customers** and deliver best value to them

We act with zero complacency and always strive for **continuous improvement**



The Company launched held a seminar to review core values, with all employees involved, and organized 149 activities in 2021 for publicity and implementation of the enterprise's core values, in which 3,459 people participated

Products and Brands

In 2021, Asia Symbol (Shandong) ranked 26th in national light industry with a brand value of RMB 3.41 billion, and was listed among the top 100 enterprises in the paper packaging industry. From 2019 to 2021, the market share of the Company's bleached hardwood kraft pulp had ranked **first** in the country for three consecutive years, that of liquid packaging paperboard had ranked **first** in Shandong and **second** in the country for three consecutive years, and that of high-end copy paper such as "PaperOne" had occupied **first** position for years running.

Pulp

Asia Symbol is one of the largest production bases for commercial pulp in China. Sticking to the principle of "stable quality, stable supply, and stable technical services", the Company serves customers with a tailor-made series of pulp, including BPT pulp (dedicated pulp for tissues), BPW pulp (specialized pulp for fine paper and paperboard), BPSP pulp (dedicated pulp for specialty paper), and jinbo natural (broad-leaf/coniferous) pulp.



Paperboard

Asia Symbol, as one of the leading enterprises in China for packaging ivory paperboard, is committed to providing customers with high-end ivory paperboard featuring stable quality, environmental friendliness and greater economic benefits. Its products include liquid packaging ivory paperboard, cigarette packaging ivory paperboard, food-grade packaging ivory paperboard and social packaging ivory paperboard, under a series of brands.



Asia Symbol Ranked 65th in the List of "Top 200 Enterprises in China Light Industry" in 2021



Fine paper

Asia Symbol is one of the largest manufacturers of premium fine paper in China. The raw material of the paper is virgin wood pulp fiber, which is derived from scientifically managed plantation forests. The Company produces several brands of office paper and two-side offset paper, with "PaperOne" included, to meet the needs of different printing and publishing users for premium fine copy paper. For more fine paper products and brands, please visit the website www.paperone.com.cn



Corporate Governance

Governance System

Asia Symbol has set up a management committee, and each of its subsidiaries has an independent board of directors. The management committee is responsible for the decision-making of major issues such as company strategy, business development, safety and environmental protection, social investment, budget, personnel, and the management and supervision of the Company's operations based on the Company's development strategy and plan.

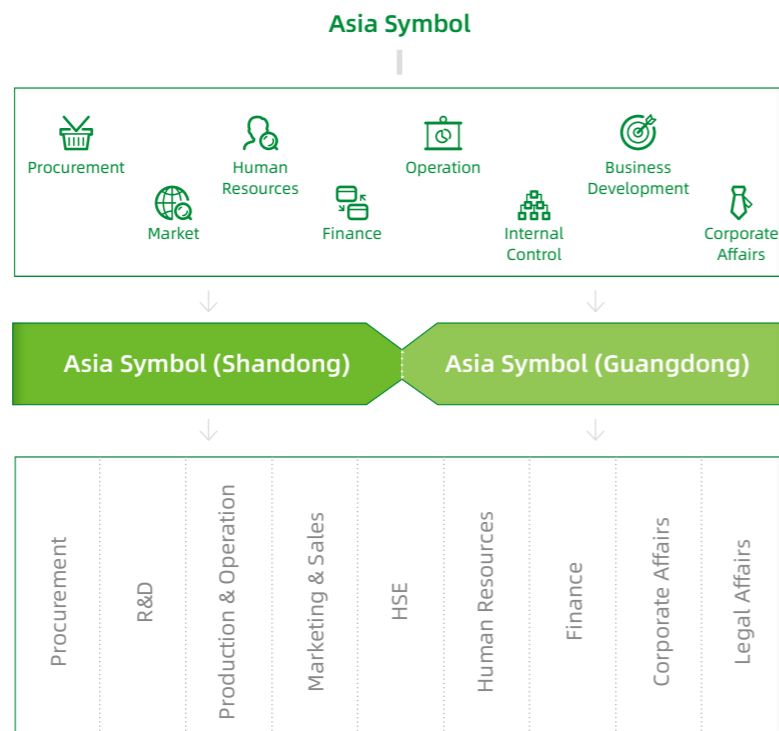
The management committee convenes at least once a month to discuss major issues, including the coordination of operations of Asia Symbol (Shandong) and Asia Symbol (Guangdong), the definition of comprehensive business strategies across the entire value chain of Asia Symbol, the identification of opportunities for cross-department synergy, the monitoring of business performance, and the integration of follow-up action plans. The management committee has assigned a special member to undertake issues pertaining to sustainability development, and the sustainability report of Asia Symbol must be approved by the management committee. In order to enhance the awareness of the management committee and the management of Asia Symbol (Shandong) and Asia Symbol (Guangdong) on our sustainability work, the Company held several seminars on the *United Nations Sustainable Development Goals* from 2020 to 2021 and formulated the *Sustainable Development Goals of Asia Symbol by 2030*, unifying the management's understanding of sustainability development and ensuring that it is reflected in the daily operations and management of the Company.

The board of directors of Asia Symbol (Shandong) and Asia Symbol (Guangdong) decides major issues of the Company in compliance with the Company's articles of association, and the general manager, under the leadership of the board of directors, undertakes the daily operation and management of the Company.

Asia Symbol Management Committee



Organization Chart of Asia Symbol



At the annual meeting and labor union congress, the Management Committee of Asia Symbol addresses important issues such as the Company's business performance, challenges, salaries and benefits of employees, etc., which are directly related to the employees. In addition, in order to ensure that the sustainability work is implemented in the daily work of employees, the Company conducts, on a yearly basis, a signing ceremony for the responsibility system centering on the occupational health and safety, environmental protection and other issues, and sets up evaluation indicators for economic, environmental and social issues in the performance contracts of management and employees, whose salary and welfare are affected by the evaluation results.



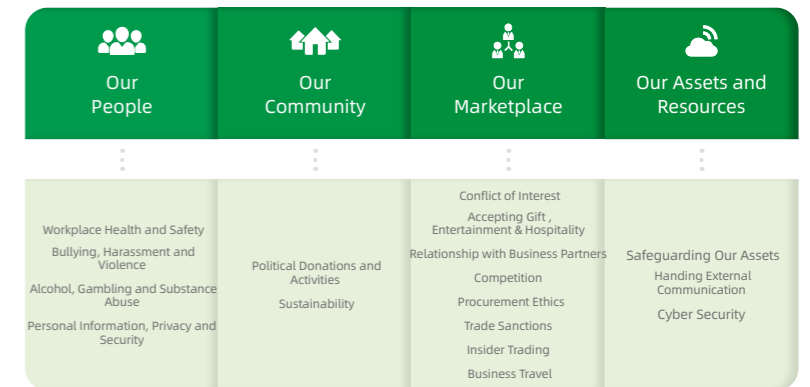
Business Ethics

Asia Symbol adheres to honesty and trustworthiness, abides by the laws, regulations and relevant industry standards of the local community, closely follows the *RGE Group Global Code of Conduct*, carries out risk assessment on corruption, identifies key risk positions, and successively releases the *Special Regulations on Integrity of Employees, Regulations on Disclosure of Employee-Specific Information* and other systems. It also adds information related to anti-corruption and anti-commercial bribery, such as employee-specific information disclosure, professional integrity of employees, kinship regulations, whistle-blowing letters, and gift disposal, to the *Employee Handbook*, conducts anti-corruption training during employees' induction and establishment of relationships with new business partners, and requires all employees in key risk positions to sign the *Code of Professional Ethics* every year, and all new suppliers to sign the *Code of Ethics for Suppliers in Procurement*, ensuring that all employees practice the *RGE Group Global Code of Conduct* in their work.

employees in key risk positions who sign the Code of Professional Ethics every year

100%

RGE Group Global Code of Conduct



Asia Symbol strictly follows the requirements of the *RGE Group Fraud System and Management and Reporting of Whistle-blowing Information*, based on which the management conducts self-assessment on the Company's fraud risks every year and holds zero tolerance for corrupt practice. In addition, the Company performs, on a yearly basis, compliance audits on all identified high-risk processes and those required by the management, and rectifies the problems found in a timely manner. Beyond that, the Company also posts reporting mailboxes and hotlines in conspicuous positions in the office area, enabling employees to directly report any complaints to RGE's audit department, where there is a dedicated person responsible for registration. The corresponding review procedures are to be conducted after internal evaluation. The Company keeps the whistle-blower information strictly confidential and handles all complaints received and fraud discovered in compliance with the *Management Measures for Reward and Punishment*.

Internal Audits of Asia Symbol

Complaints Received	Internal Investigation			
	Confirmed to Be Corruption or Improper Operation	Highly Suspected or Partially True	Without Substantive Evidence or Problems	Needing No Verification
2020	32	4	13	2
2021	20	1	4	0
Total	52	5	17	2

Social Recognition

Major Honors

Awards	Awarding Institutions
<p>Asia Symbol (Shandong)</p> <p>65th in Top 200 Light Industry Enterprises in China</p> <p>26th for Brand Value in the National Light Industry</p> <p>Top 100 Enterprises in the Paper Packaging Industry in 2020</p> <p>Famous Brand in Shandong in 2021</p> <p>"Top Ten Enterprises" in the Shandong Paper Industry in 2020 and 2021</p> <p>High-End Brand Cultivation Enterprise in Shandong in 2020 and 2021</p> <p>National Green Factory</p> <p>Green-Designed Products ("BoardOne" coated white paperboard and white paperboard for cigarette packs)</p> <p>2020 (First Batch) China Forestry Industry Credit Brand Award</p> <p>Environmental Science Popularization Base of Shandong</p> <p>Resource Recycling Base of Shandong</p> <p>Overseas Chinese International Cultural Exchange Base of China</p> <p>Fraternity Medal of the Red Cross Society of China</p> <p>Enterprise Citizen Pioneer for Pandemic Prevention and Control in 2020</p> <p>Advanced Unit for Pandemic Prevention and Control</p>	<p>China National Light Industry Council</p> <p>China Council for Brand Development</p> <p>China Packaging Federation</p> <p>Shandong Council for Brand Development</p> <p>Shandong Paper Association</p> <p>Shandong Administration for Market Regulation</p> <p>Ministry of Industry and Information Technology</p> <p>Ministry of Industry and Information Technology</p> <p>Chinese Forestry Industry Association</p> <p>Shandong Environmental Protection Bureau, Department of Science & Technology of Shandong Province</p> <p>Circular Economy Promotion Association of Shandong</p> <p>All-China Federation of Returned Overseas Chinese</p> <p>Red Cross Society of China</p> <p>Enterprise Citizen Committee of China Association of Social Workers</p> <p>Circular Economy Promotion Association of Shandong</p>

Awards	Awarding Institutions
<p>Asia Symbol (Guangdong)</p> <p>Winning Unit of the Cup of Safety & Health in China</p> <p>Green Brand Enterprises with Environmental Credit</p> <p>Water and Energy Efficiency Forerunner in Guangdong's Paper Industry (non-coated printing and writing paper)</p> <p>Excellence Award for Overseas Chinese Love Contribution</p> <p>Advanced Grass-Roots Party Organization in Jiangmen</p> <p>2020 Gold Award for Charitable Donations in Xinhui District</p> <p>2021 Enterprise with "Comprehensive Influence for Sustainability Development" in the Bay Area</p>	<p>All-China Federation of Trade Unions, Ministry of Emergency Management of the People's Republic of China</p> <p>Department of Ecology and Environment of Guangdong Province</p> <p>Guangdong Paper Association</p> <p>Guangdong Overseas Chinese Enterprises Association</p> <p>Jiangmen Municipal Party Committee of the CPC</p> <p>People's Government of Xinhui District, Jiangmen City</p> <p>YangCheng Evening News (Group)</p>

Certification and Approbation

<p>Asia Symbol (Shandong)</p> <p>ISO9001 Quality Management System Certification</p> <p>ISO14001 Environmental Management System Certification</p> <p>ISO45001 Occupational Health and Safety Management System Certification</p> <p>PEFC™ /CFCC Chain-of-Custody Certification</p> <p>FSSC22000 Food Safety Management System Certification</p> <p>Intellectual Property Management System Certification</p> <p>ISO50001 Energy Management System Certification</p>	<p>Laboratory Accreditation Certificate of China National Accreditation Service (CNAS) for Conformity Assessment</p> <p>National Industrial Product Production License (Food Packaging Paperboard)</p> <p>Compliant with US FDA and European ISEGA</p> <p>Standardized Good Conduct Certificate (AAAA)</p>
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Certification and Approbation

<p>Asia Symbol (Guangdong)</p> <p>ISO9001 Quality Management System Certification</p> <p>ISO14001 Environmental Management System Certification</p> <p>ISO45001 Occupational Health and Safety Management System Certification</p> <p>ISO50001 Energy Management System Certification</p> <p>PEFC™ /CFCC Chain-of-Custody Certification</p> <p>China Environmental Label Product Certification (Printing Paper)</p>	<p>China Environmental Label Product Certification (Offset Paper)</p> <p>PAS2060 Carbon Neutrality Achievement Certificate (Printing Paper)</p> <p>ISO14067 Certificate for Carbon Footprint Compliance of Products (Printing Paper)</p>
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Positions in Industry Associations

Name of Industry Association & Organization	Position of the Company
China Paper Association	Deputy Chairman
China Technical Association of Paper Industry	Deputy Chairman
China Paper Industry Chamber of Commerce	Vice Chairman
China Packaging Federation	Member
All-China Environment Federation	Member
Cultural Office Paper and Paperboard Sub-Technical Committee of National Paper Industry Standardization Technical Committee	Member
Shandong Paper Association	Deputy Chairman
Shandong Technical Association of Paper Industry	Member
Science Popularization Industry Promotion Association of Shandong	Vice Chairman
China Forest Certification Council (CFCC)	Forum Member of Shareholder
Circular Economy Promotion Association of Shandong	Member
Gravure Branch of the Printing Technology Association of China	Member
Tobacco Packaging Industry Information Committee	Member
Shanghai Association of Food Contact Materials	Member

Name of Industry Association & Organization	Position of the Company
China Technical Association of Paper Industry	Member
Guangdong Overseas Chinese Enterprises Association	Executive Vice Chairman
Guangdong Overseas Chinese Enterprises Association	Council Member
Guangdong Paper Industry Association	Vice Chairman Unit
Cultural Office Paper and Paperboard Sub-Technical Committee of National Paper Industry Standardization Technical Committee	Member
Jiangmen Marine Fisheries Association	Member
Jiangmen Port Ship-Owners Association	Member
Xinhui District Safety Production Management Association	Vice Chairman
Jiangmen Precursor Management Association	Member
Jiangmen Radiation Management Association	Member

Sustainability Management



The promotion of sustainability development serves as a foundation for an enterprise to practice high-quality development. On that account, Asia Symbol has taken the initiative to integrate the United Nations Sustainable Development Goals, and, in its own operations, striven to bring positive environmental and social impacts, with the aim to achieve a sustainable, stable and healthy development.



Asia Symbol 2030

Sustainability Strategy

In 2015, the RGE Group released the *Forestry, Fiber, Pulp & Paper Sustainability Framework*, promising that the Group and its subsidiaries would be committed to becoming excellent and responsible neighbors of the local, national and global society by protecting the environment and respecting human rights.

In 2020, under the guidance of the *Forestry, Fiber, Pulp & Paper Sustainability Framework* issued by the RGE Group, Asia Symbol released the *Sustainable Development Goals of Asia Symbol by 2030 report*, charting the course for the Company's development in the next 10 years. The Goals centered on circular growth, low-carbon growth, inclusive growth and synergetic growth, and proposed sustainable development goals and action plans by 2030, with 2017 as the baseline year, to provide sustainable solutions to the environmental and social challenges faced by the paper industry.



President of China Paper Association Zhao Wei:

At present, the paper industry has entered a period of profound adjustment, with green manufacturing and development turning into an industry consensus. I am very glad to see that Asia Symbol released the Sustainable Development Goals by 2030 report, which put forward specific and quantifiable commitments on important issues such as environment, resources and community development.

6 清洁饮水和卫生设施 **12** 负责任的消费和生产

Circular Growth

30% reduction in product water use ZERO solid waste to landfill

30% reduction in product air emissions > 95% water reused

7 经济适用的清洁能源 **13** 气候行动

Low Carbon Growth

30% reduction in GHGs emissions

95% share of renewable and clean energy in energy structure

1 无贫困 **4** 优质教育

8 体面工作和经济权利 **10** 减少不平等

Inclusive Growth

Inclusive work environment
ZERO death for employees and contractors
Reduce our lost-time injury frequency to <0.5
Create Individual Development Plan for 100% employees
Increase female ratio in employee representation to 30%

Inclusive community development
At least 4 volunteer hours each employee per year
100,000 students supported by education projects
1 million people benefited from community projects

Sustainable Development Goals of Asia Symbol by 2030



15 陆地生物

Synergetic Growth

100% chips source from responsibly managed forest

100% pulp traceability

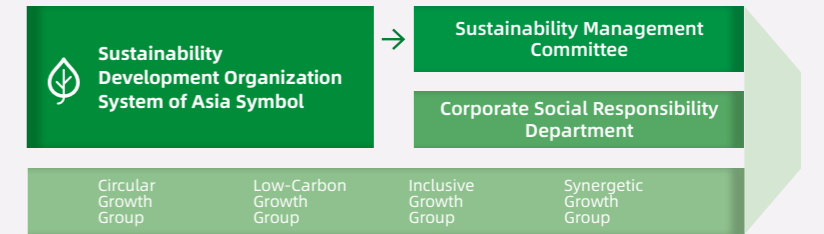
100% key suppliers auditing based on systematic risk assessment practices



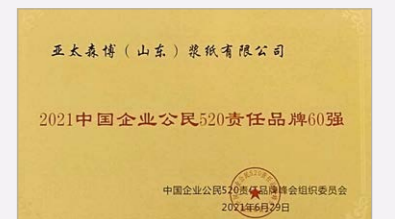
To ensure the implementation of the Sustainable Development Goals by 2030, Asia Symbol has established a sustainability development organization system and holds regular meetings to discuss the progress of the sustainability development work, so as to guarantee the achievement of the goals. From 2020 to 2021, Company reaped a number of honors such as the "Top 60 Responsible Brands of China's Enterprise Citizens 520", "Best Responsible Enterprise Brand of the Year", and "Best CSR Brand of the Year", with 14 entries selected into the *2011-2021 RGE China Cases for Sustainability Development*.



14 cases of Asia Symbol were selected into the *2011-2021 RGE China Cases for Sustainability Development*



In 2021, Asia Symbol (Shandong) was awarded the "CSR CHINA TOP 100 Best Responsible Enterprise Brand of the Year"



From 2020 to 2021, Asia Symbol (Shandong) had been awarded the "Top 60 Responsible Brands of China's Enterprise Citizens 520" for two consecutive years

Goals and Progress

Asia Symbol, committed to building an open and transparent enterprise, has disclosed its progress for the Goals in the sustainability report, subject to social supervision.

Sustainable Development Goals by 2030

Progress in 2021

Circular Growth

Low Carbon Growth

→ Ongoing

In 2021, the water consumption for production of Asia Symbol was **13.51** cubic meters per ton of products - a **4.05%** decrease from that of the baseline year.
In 2021, the water consumption of Asia Symbol (Shandong) was **16.69** cubic meters per ton of products.
In 2021, the water consumption of Asia Symbol (Guangdong) was **5.16** cubic meters per ton of products.

○ Keeping

In 2021, the air pollutant emissions of Asia Symbol were **0.46** kg per ton of products - a **42.5%** decrease from those of the baseline year.
In 2021, the air pollutant emissions of Asia Symbol (Shandong) were **0.54** kg per ton of products.
In 2021, the air pollutant emissions of Asia Symbol (Guangdong) were **0.24** kg per ton of products.

→ Ongoing

In 2021, the solid waste landfill volume of Asia Symbol (Shandong) was **13,010** tons.
In 2021, Asia Symbol (Guangdong) achieved zero solid waste landfill.

→ Ongoing

In 2021, the water reuse rate of Asia Symbol (Shandong) was **95.6%**.
In 2021, the water reuse rate of Asia Symbol (Guangdong) was **93.9%**.

→ Ongoing

In 2021, the greenhouse gas emissions of Asia Symbol were **0.41** tCO₂e per ton of products - a **14.6%** decrease from those of the baseline year.

→ Ongoing

In 2021, the proportion of renewable and clean energy in Asia Symbol was **73.65%**.

30% reduction in product water use

30% reduction in product air emissions

ZERO solid waste to landfill

> 95% water reused

30% reduction in GHGs emissions

95% share of renewable and clean energy in energy structure

Sustainable Development Goals by 2030

Progress in 2021

ZERO death for employees and contractors

→ Ongoing

In 2021, one contractor of Asia Symbol (Shandong) died.
In 2021, there were **no fatalities** in Asia Symbol (Guangdong).

Reduce our lost-time injury frequency to <0.5

○ Keeping

In 2021, the rate of lost time incident frequency of Asia Symbol (Shandong) was **0.26**.
In 2021, the rate of lost time incident frequency of Asia Symbol (Guangdong) was **0.45**.

Create Individual Development Plan for 100% employees

○ Keeping

In 2021, Asia Symbol completed **100%** the employee development plan.

Increase female ratio in employee representation to 30%

→ Ongoing

In 2021, the female employee representatives in Asia Symbol (Shandong) accounted for **28%** of the total.
In 2021, the female employee representatives in Asia Symbol (Guangdong) accounted for **40%** of the total.

At least 4 volunteer hours each employee per year

→ Ongoing

In 2021, the average volunteer time of Asia Symbol employees was **1.14** hours.

100,000 students supported by education projects

→ Ongoing

In 2021, **14,978** students benefited from the education programs of Asia Symbol.
From 2017 to 2021, a total of **56,951** students had benefited from the education programs of Asia Symbol.

1 million people benefited from community projects

→ Ongoing

In 2021, the community projects of Asia Symbol benefited **50,777** residents in the surrounding areas.
From 2017 to 2021, the community projects of Asia Symbol had benefited **262,993** residents in the surrounding areas.

100% chips source from responsibly managed forest

→ Ongoing

In 2021, the PEFC™ /FSC® certified wood chips accounted for **35.6%** of the total purchased by Asia Symbol.

100% pulp traceability

→ Ongoing

In 2021, **95.99%** of the wood pulp purchased by Asia Symbol (Shandong) could be traced back to the forests.
In 2021, **99.76%** of the wood pulp purchased by Asia Symbol (Guangdong) could be traced back to the forests.

100% key suppliers auditing based on systematic risk assessment practices

○ Keeping

In 2021, Asia Symbol reviewed **100%** the key suppliers.

Sustainability Initiatives



Women's Empowerment Principles

The *Women's Empowerment Principles* is a joint initiative launched by the UN Global Compact and UN Women, formulated in 2010 to provide a holistic framework and principles that empower women and girls in the workplace, marketplace and community.

In 2020, the Company joined the "China GoldenBee CSR 2030" to help realize the United Nations Sustainable Development Goals



Asia Symbol Paper School provides customers with value-added services such as professional knowledge about paper and printing.

Stakeholder Engagement

Asia Symbol is dedicated to improving the transparency and inclusiveness of corporate operations, establishing a multi-level and normalized exchange mechanism, actively understanding the expectations

and demands of stakeholders, and taking countermeasures based on its own operational conditions, so as to ensure the maximization of value created for stakeholders and build a good environment for enterprise development.

Integrated innovation of media won the social recognition

Asia Symbol (Shandong) proactively expanded the role of internal magazines and WeChat official account in the stakeholder engagement. At the annual meeting of the national paper industry newspapers and periodicals held in May 2021, the *News of Asia Symbol* was awarded the "Top Ten Enterprise Newspapers" of 2019-2020 in the national paper industry, and the WeChat official account of "Asia Symbol (Shandong)" the "Excellent Enterprise WeChat Official Account" of 2019-2020 in the national paper industry.



In 2021, Asia Symbol (Guangdong) signed the *Women's Empowerment Principles*



In 2020, Asia Symbol (Guangdong) joined the Guangzhou Public Welfare "Time Bank" Enterprise Public Welfare Alliance



In 2021, Asia Symbol has joined hands with more than 80 paper-making enterprises to launch the *Initiative for Pulp and Paper Enterprises to Implement the United Nations Sustainable Development Goals by 2030*, leading the high-quality and sustainability development of the pulp and paper industry

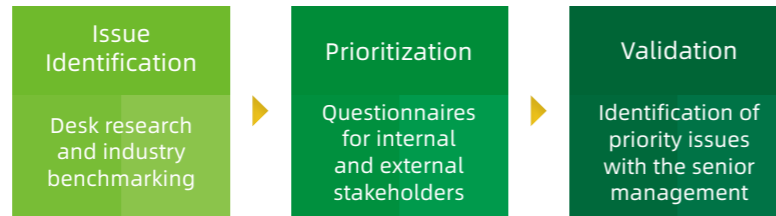
Stakeholders	Issues of Concern	Communication and Participation Methods	
Investors/ shareholders/ financial institutions	Waste gas management Waste water management Waste management	Responsible sourcing Product quality and innovation	Online monitoring of real-time environmental data Monthly work report Irregular symposium Annual sustainability report
Government agencies	Occupational health and safety Waste management Climate change and energy use	Waste gas management Industry digitalization	Irregular safety and environmental protection supervision and assessment Online monitoring of real-time environmental data Annual sustainability report Irregular communication and discussion Participation in the formulation of industry standards
Management	Product quality and innovation Occupational health and safety Waste water management	Waste gas management Customer service	Monthly safety and environmental protection meeting WeChat platform of the Company In-company magazines and publicity columns Weekly work meeting
Staff	Occupational health and safety Waste gas management Waste water management	Management of water Customer service	General manager communication day at least once every two months Biennial survey of employee dedication Annual labor union congress Monthly staff symposium Irregular employee family day <i>Employee Manual</i> WeChat platform, internal magazines and publicity columns of the Company Annual sustainability report
Suppliers/ contractors	Occupational health and safety Customer service Waste gas management	Waste water management Sustainable consumption	Monthly safety training and supervision and assessment Digital procurement platform Irregular site survey of suppliers WeChat platform of the Company
Customers/ dealers/ consumers	Customer service Product quality and innovation Sustainable consumption	Chemicals management Waste management	Annual customer satisfaction survey Irregular technical exchanges and product development Annual sustainability report Asia Symbol Premium Gathering Quarterly dealer conference Asia Symbol Paper School
Non-profit organizations	Climate change and energy use Waste gas management Waste water management	Waste management Support of community development	Online monitoring of real-time environmental data Annual sustainability report WeChat platform of the Company Irregular communication and discussion
Industry associations	Product quality and innovation Industry digitalization Waste management	Customer service Responsible sourcing	Online monitoring of real-time environmental data Annual sustainability report WeChat platform of the Company Irregular product exhibitions and industry seminars
Media	Waste gas management Waste water management Chemicals management	Management of water resources Waste management	Online monitoring of real-time environmental data Weekly factory opening days Annual sustainability report WeChat platform of the Company Irregular product exhibitions
Sustainability research institutes	Product quality and innovation Climate change and energy use Sustainable consumption	Waste gas management Waste water management	Online monitoring of real-time environmental data Annual sustainability report Irregular communication and discussion
Community representatives	Waste gas management Waste water management Waste management	Management of water resources Chemicals management	Online monitoring of real-time environmental data Weekly factory opening days Complaint e-mail and hotline Bi-weekly community visit and discussion Community normalized communication mechanism

Materiality Analysis

Asia Symbol attaches great importance to the voices of stakeholders, and identifies major stakeholders and determines their importance based on the production and operation of the enterprise, as well as the communication with stakeholders. In accordance with the sustainability framework, standards and norms, coupled with the industry development trends and practices in the same industry, the Company systematically identified and selected 14 material issues pertaining to sustainability development, conducted an online stakeholder survey, with 348 valid questionnaires collected, so as to help the Company better understand and analyze the focus of stakeholders, identify its development direction, and guide the report formulation.

Economy
<ul style="list-style-type: none"> 1 Product quality and innovation 2 Industry digitalization 3 Customer service 4 Responsible sourcing
Environment
<ul style="list-style-type: none"> 5 Climate change and energy use 6 Sustainable consumption 7 Waste gas management 8 Waste water management 9 Water resource management 10 Waste management 11 Chemicals management
Society
<ul style="list-style-type: none"> 12 Employee training and development 13 Occupational health and safety 14 Community development

Evaluation Procedures for Material Issues



Matrix of Material Issues of Asia Symbol for Sustainability Development



In 2021, Asia Symbol re-sorted the issues. Compared with the material issues in the previous report, the major changes were as follows:

- Combined with industry trends and stakeholder concerns, added new issues such as sustainable consumption, industry digitalization, and chemicals management;
- Integrated some issues to make the classification clearer, such as: integrating the climate change and carbon emissions, as well as the sustainable use and management of energy into climate change and energy use, and the product quality and product safety, as well as the R&D input and product innovation into product quality and innovation;
- Reduced the total number of issues from 20 to 14 to further focus on the demands of stakeholders and the sustainability priorities of Asia Symbol.

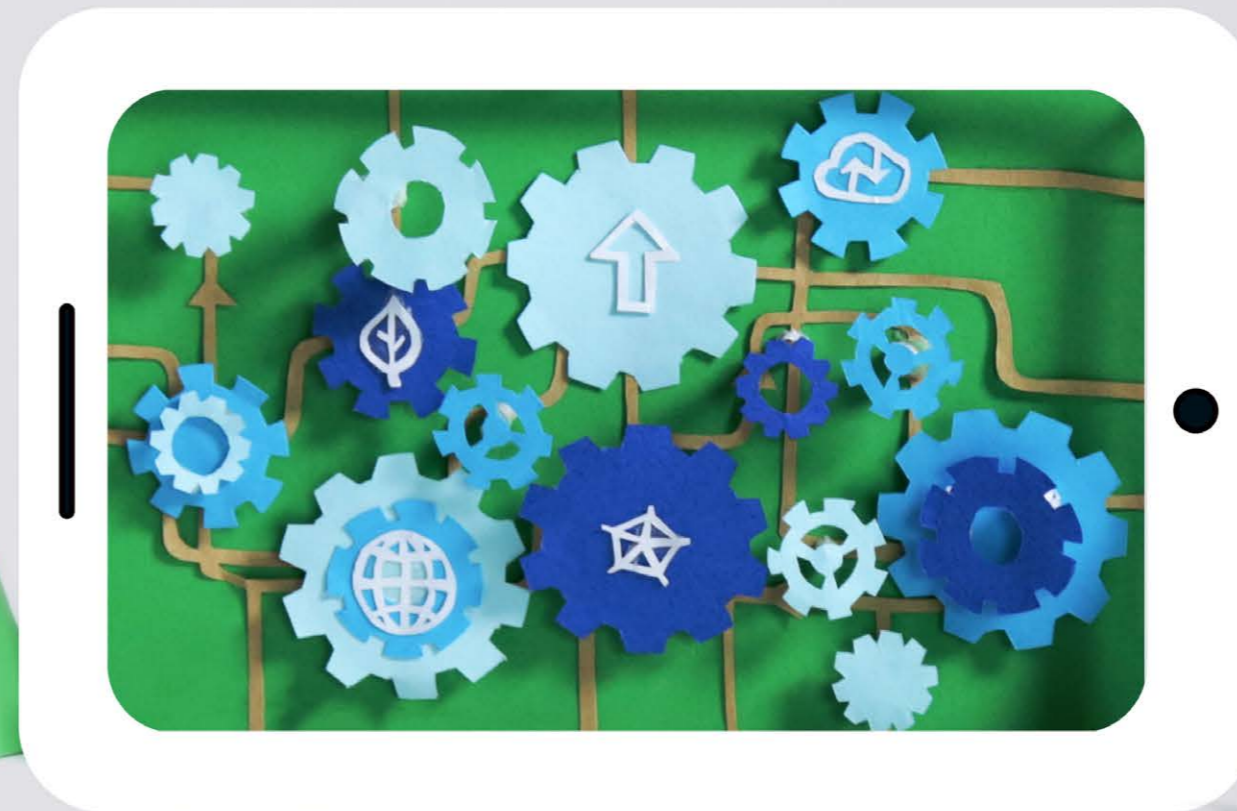
Material Issues and Boundaries

Material Issues	Description
Product quality and innovation	Optimize product performance through product innovation to meet the differentiated demands of customers and other partners within the value chain for products.
Industry digitalization	Digitally upgrade, transform and reinvent the business with a new generation of digital technologies.
Responsible sourcing	Work with suppliers to purchase legally-sourced wood chips and pulp to ensure the supply chain traceability.
Customer service	Establish and improve the customer service system to enhance customer satisfaction.
Climate change and energy use	Use energy efficiently, increase the proportion of renewable and clean energy, reduce greenhouse gas emissions, and mitigate the impact of climate change.
Sustainable consumption	Supply products that enhance the quality of life while meeting basic needs and minimize the use of natural resources and toxic materials, as well as the waste and pollutants generated during the products' life cycle.
Waste gas management	Ensure that exhaust emissions comply with regulatory requirements and the best practices in the industry and reduce air pollutant emissions per unit of products.
Waste water management	Ensure that waste water discharge complies with regulatory requirements and the best practices in the industry.
Management of water resources	Guarantee efficient use of water resources, improve water reuse rate, and reduce water consumption per unit of product.
Waste management	Manage the solid waste generated in the production process in accordance with the principle of "reduction, harmlessness and recycling".
Chemicals management	Ensure that chemicals management conforms to the internationally recognized guidelines for chemicals management and reduce the related air pollutant emissions.
Staff training and development	Support staff training and provide opportunities for development.
Occupational health and safety	Provide employees and contractors with a safe, suitable and hygienic workplace, as well as the protective equipment and training needed for safe work.
Community development	Carry out community public welfare and volunteer activities oriented towards the solving of social problems.

01

Innovation -Led Development

Innovation is the primary driving force for the high-quality development of an enterprise. Asia Symbol fully implements an innovation-driven strategy, dedicates itself to building "innovative" enterprise, introduces intelligent and digital technologies, and actively carries out all-involvement innovation, thus creating a corporate culture in which "everyone desires innovation, everyone strives for innovation, and everyone is competent for innovation".



Our Approach
Quality and Service
Lean Management
Industry Digitalization

Our Approach



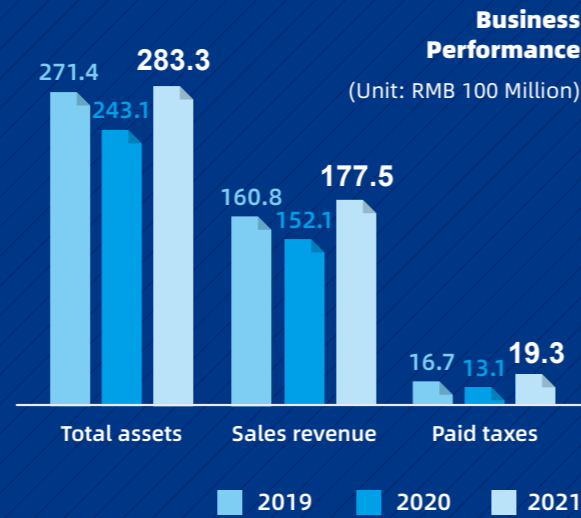
We aim for today to be better than yesterday and tomorrow to be better than today

We act in accordance with our RGE sustainability framework

Ideas

Performance

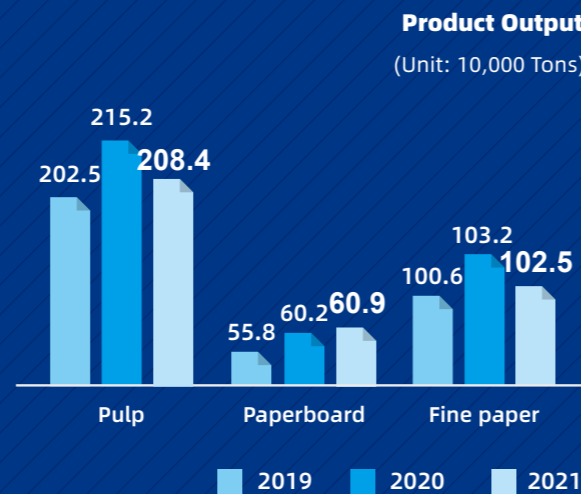
From 2020 to 2021, confronted with the complex and changeable economic environment at home and abroad, the Company, sticking to innovative development, had achieved high-quality and steady growth in business operations, paid a total of RMB 3.24 billion in taxes, and thus contributed to the local economic and social development. Specifically speaking, Asia Symbol (Shandong) had reaped several honors such as the "Enterprise with Outstanding Contribution to Economic Development" and "Enterprise with Outstanding Contribution to Import and Export", and Asia Symbol (Guangdong) had been awarded the title of "Major Taxpayer in Shuangshui Town".



paid a total in taxes of RMB **3.24** billion



Asia Symbol was awarded the "Enterprise with Outstanding Contribution to Economic Development in 2021" by the People's Government of Rizhao



Quality and Service

Adhering to "customer orientation" and the principle of "stable quality, stable supply, and stable technical services", the Company continues to introduce new technologies and methods to improve the level of quality and service.

High-Quality Products

Product quality

The Company has established a complete quality management system that conforms to the ISO9001 standard, runs through the entire product life cycle and covers all elements affecting product quality, based on which it has continued to deepen the lean management and Six Sigma management and introduce intelligent systems for quality inspection, so as to continuously raise the level of product quality management.

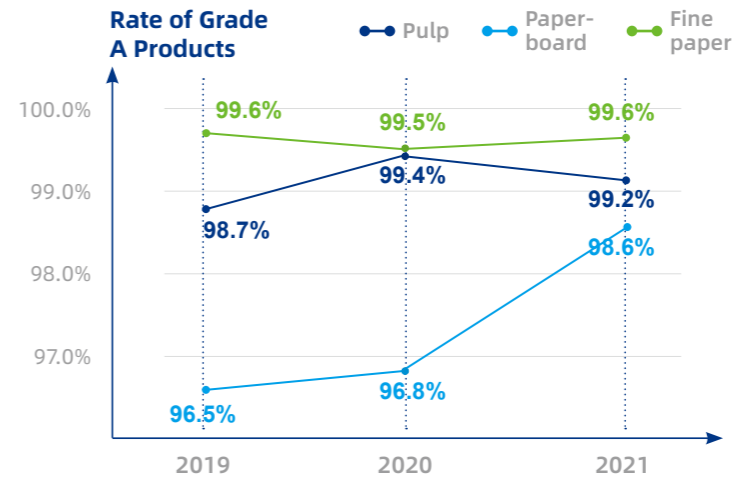
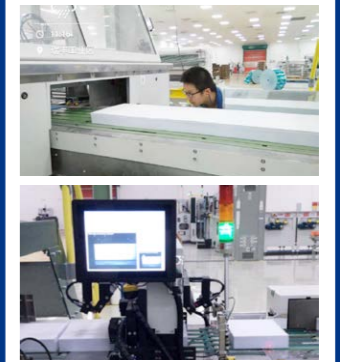
Visual inspection of ream paper

To strengthen the unified quality control of the production line, the Company arranged 10 sets of ream paper testing equipment to increase production efficiency.

Reduction of the rework amount
10 automatic production lines were all installed, able to save rework costs of about RMB 1.6 million per year.

Decrease of customer complaints
No customer complaints related to ream paper were received for the five production lines installed in phase I.

More advanced detection method
The previous 1/1000 manual sampling inspection was replaced by 100% real-time detection.



Product safety

The Company attaches great importance to product safety and health and has established the FSSC22000 food safety management system, strengthened supervision and implementation, and advocated a food safety culture, dedicating itself to providing customers with good-quality products. From 2020 to 2021, the Company recorded no health and safety violations involving products and services.

Environmentally-friendly liquid packaging paperboard

The double-sided kraft-soled liquid packaging paperboard is a kind of environmentally-friendly liquid packaging paper. Compared with the ordinary white bottom liquid packaging products, it holds good product characteristics:

- The proportion of unbleached pulp used is about 80%, which helps reduce the use of bleaching chemicals in the pulping process and the sewage discharge, hence greater food safety and environmental friendliness;
- with the same paper performance and the same paper area, the product has its paper weight and pulp and chemical consumption reduced by 10%-20%. Currently, the product has become the preferred choice of customers.



Product innovation

In line with the strategic positioning of green pulping and the process needs of clean production, the Company has, with the independent innovation of the enterprise technology center as the focus and the industry-university-research cooperative R&D as the support, undertaken and completed more than 100 national, provincial and municipal science and technology projects, applied for more than 100 domestic and foreign patents, and developed a series of new products such as premium bleached hardwood kraft pulp, liquid packaging ivory paperboard, customized pulp, etc., as well as new technologies and new processes for energy conservation, emission reduction, and clean production. From 2020 to 2021, the Company had 2 post-doctoral research platforms, invested RMB 1.15 billion in R&D, and successfully applied for 8 invention patents and 23 utility model patents.

Development of premium thermosensitive label base paper

The premium thermosensitive label base paper is a kind of industrial paper specially used for processing and manufacturing high-grade label paper. Apart from the characteristics of ordinary thermosensitive base paper, the product also holds features such as high tensile strength, great tearing strength and good internal bonding strength. In order to improve the product quality, the Company adjusted the pulp and process, developed the new product of premium thermosensitive label base paper, and applied biological enzyme technology to enhance the pulp dehydration, with steam consumption reduced by 3% in the production. The product technology has reached the domestic advanced level as identified by the expert group of Guangdong Paper Industry Association, filling in the blank of premium thermosensitive label base paper in South China.



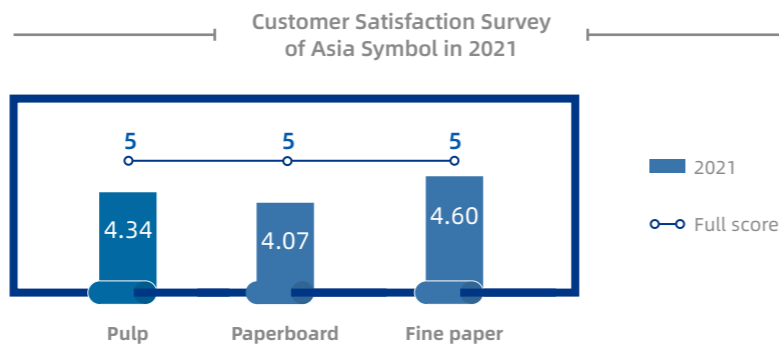
▲ Premium Thermosensitive Label Base Paper

High-Quality Service

Customer satisfaction

The Company adheres to customer orientation, provides them with pre-sales, in-sales and after-sales technical support throughout the process, diligently learns about their needs, sincerely solves problems of customers, and delivers services with warmth and consideration.

The Company also invites third-party agencies to conduct customer satisfaction surveys every year, listens to the voices of customers in terms of quality and service, and makes continuous improvements based on their feedback.



Differentiated products designed to meet the needs of customers

In recent years, Asia Symbol (Shandong), based on customer needs, has devoted greater effort to the R&D of cigarette cards, and, on the basis of traditional white-core cigarette cards and yellow-core cards, developed a series of cigarette cards with special functions, such as high-bulk cigarette cards, high-white and high-toughness cigarette cards, soft pack hardened cigarette cards, identification fiber cigarette cards (brown fiber/red fiber), etc., to increase the customer satisfaction.

In 2021, Asia Symbol (Shandong), with its excellent performance in the cigarette pack white paperboard, was awarded the "Innovative Supplier of Cigarette Packs in 2020" by the Tobacco Packaging Industry Information Committee.



▲ Innovative Supplier of Cigarette Packs in 2020

Customized service

Embracing the principle of "customized service and innovation for mutual benefit", the Company has developed a series of products tailored to the differentiated needs of customers, thus enriching the product line and providing customers with more choices.

Response to customer complaints

The Company has formulated a management system for customer complaints, clarified the complaint receiving procedures and handling principles, procedures and methods concerning product quality and logistics issues, and conducted analysis of the reasons to specify preventive and corrective measures. The Company has also applied digital technology, built a precise logistics system and established a barcode tracking platform to optimize the customer experience, with rate of customer complaints about warehousing and logistics showing a continuous decline.

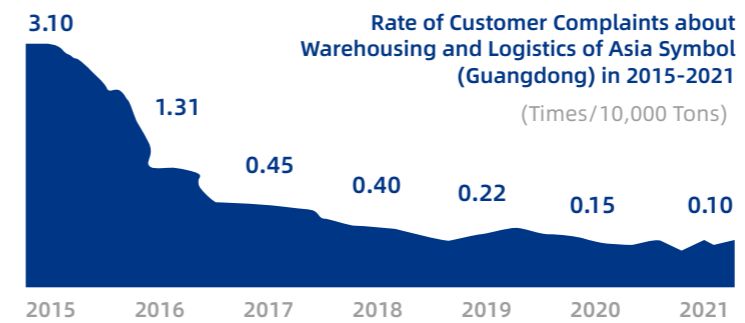
Innovative production of "customized pulp"

Asia Symbol has continued to promote the enterprise's transformation from production orientation to service orientation, and, based on its leading position in the traditional wood pulp industry, developed BPT, BPW, BPSP, low white pulp and other customized pulp for production of tissues, fine paper and special paper for different customers.

In this regard, the Company upgraded the single production line to a periodic rotation production process and transformed the original extensive production mode into a detailed list for each process, thus endowing the Company with new market prospects. In 2020, the market share of customized pulp produced by Asia Symbol accounted for about 50%.



▲ Customized Pulp



Improvement of service accessibility

In 2021, Asia Symbol launched the online applet named "Asia Symbol Premium Gathering", which was based on the dynamic QR code project - "one QR code for each box" - of Asia Symbol and equipped with both anti-fake tracing and marketing promotion functions. The applet adopted ecological tools of WeChat to achieve efficient and precise reach, as well as targeted marketing tailored to different people, thus empowering channels and creating value for customers.



Please scan the code to watch
Asia Symbol Premium Gathering



▲ Precise Digital Logistics Platform

Lean Management

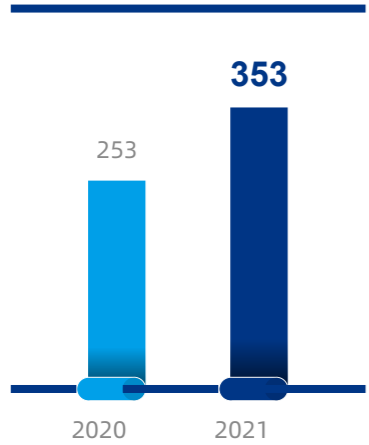
the lean management of the Company created value worth **309** million

The Company takes lean management as an important starting point for the implementation of the United Nations Sustainable Development Goals and, based on the Company's mature management model for continuous improvement, gradually realizes the routinization of lean management and the streamlining of daily management, with the concept of continuous improvement fully integrated into the daily work. During the establishment and evaluation of lean improvement projects, the Company has taken the initiative to benchmark SDGs, not only to evaluate their economic value, but also to take their social and environmental value into account, hence a

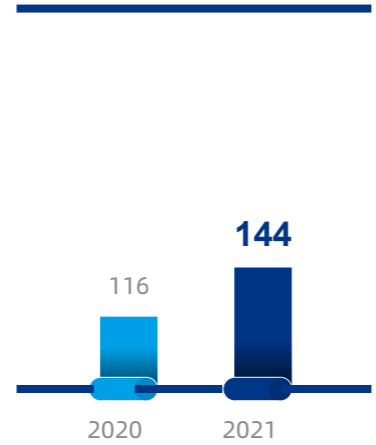
good facilitator for the gradual integration of SDGs into corporate operations.

Since 2020, the Company has continued to promote the construction of grassroots teams, distributed various indicators such as safety, environmental protection, quality, output, and talent cultivation to workshops/departments and grassroots teams, established an evaluation system, and facilitated the implementation of various management indicators through monthly tracking, inspection and improvement. In 2021, the lean management of the Company created value worth RMB 309 million.

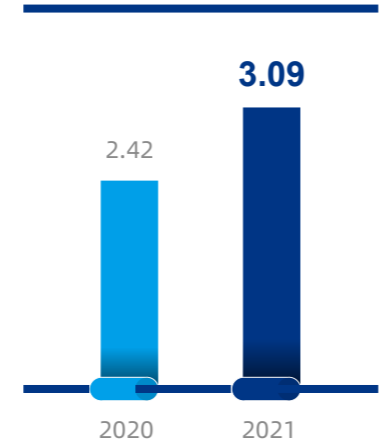
Improved project Unit: No.



Six Sigma project Unit: No.



Value created Unit: RMB 100 million



Lean Management Slogan in the Factory

Industry Digitalization

Asia Symbol puts continuous effort to promote sustainability development, accelerate the "two-way empowerment" of digitalization and intellectualization and guide the enterprise's transformation from "production-oriented manufacturing" to "service-oriented intelligent manufacturing".

Since 2020, the Company has performed systematic digital transformation of the enterprise's value chain, based on which it has successively developed projects such as a digital procurement platform, an intelligent logistics unattended weighbridge project, and an intelligent maintenance platform, improving the efficiency of business operations and facilitating the high-quality development of the enterprise. In 2021, the "Asia Symbol Digital Smart Factory Project" was successfully selected as a bench-marking demonstration project for the digital transformation of the manufacturing industry under the special funds of Guangdong for promotion of high-quality economic development.



^ Built a large three-dimensional warehouse, achieved unmanned operation and management of product storage, saved energy and reduced carbon emissions by optimizing the transportation distance of vehicles and equipment.

02

Response to Climate Change

Low-carbon development is the route a company must take to deal with climate change. Asia Symbol has constantly optimized its own energy structure, increased the proportion of clean and renewable energy, and reduced energy consumption of operations and products through technological upgrade, striving to facilitate the country's realization of the carbon peaking and carbon neutrality goals.



Our Approach
Low-Carbon Development
Sustainable Consumption

Our Approach



Green and low energy conservation and carbon consumption reduction

professional supervision and all-staff participation

Ideas

Management System

The Company actively responds to the national "double-carbon" goal, participates in the establishment of the Carbon Management Committee of RGE China, and compiles the *Accounting and Reporting Procedures for Greenhouse Gas Emissions* to guide the Company's carbon management. Based on an intelligent and digital energy management system, the Company adopts lean thought to perform refined management of energy, so as to reduce the energy and resource consumption in production. Besides, the Company has also formulated the *Energy Management System Manual*, which passed the ISO50001 energy management system certification and remains valid until 2021.

Performance

In 2021, the comprehensive energy consumption of the Company was 18,335 TJ, of which the clean and renewable energy reached 73.65%, and the greenhouse gas emission intensity was 0.41 tCO₂e per ton of products. In 2021, in the energy structure of Asia Symbol (Shandong), biomass energy³ accounted for 81.1% of the total energy consumption.

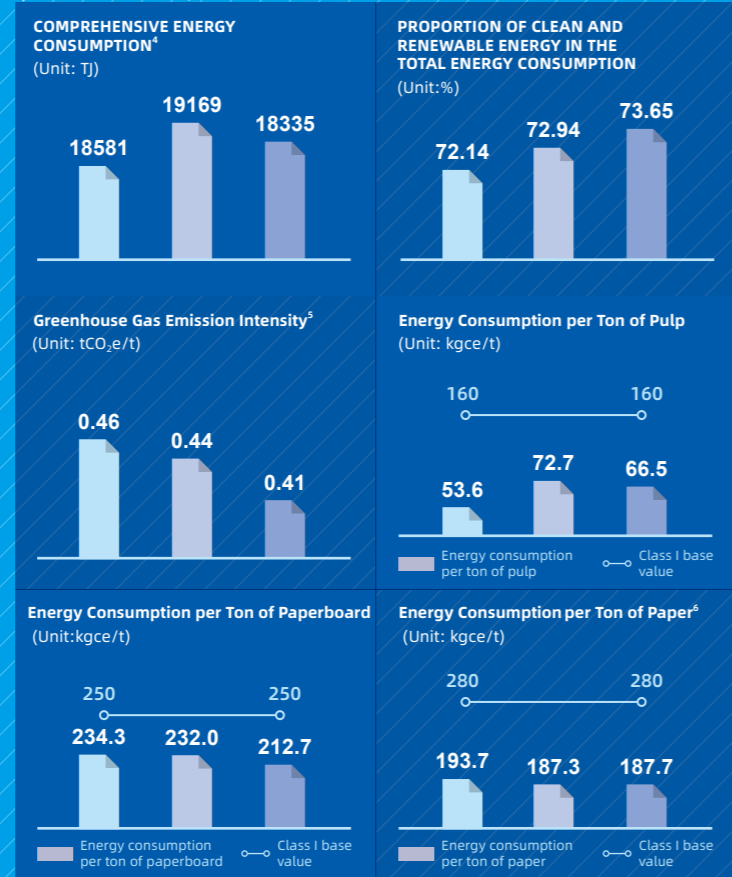
Greenhouse Gas Emissions of Asia Symbol

(Unit: 10,000 Tons of CO₂e)

Scope of Carbon Emissions	2019	2020	2021
Scope 1	154.4	161.9	152.2
Scope 2	8.0	3.8	1.8
Total	162.4	165.7	154

Note: 3: Biomass energy includes saw dust and black liquor, which belongs to renewable energy.
 4: Detailed Rules for Calculation of Comprehensive Energy Consumption of Pulp and Papermaking Enterprises (QB/T11022-2021), where in 2019 and 2020, the calorific value of saw dust adopted the measured value of 0.3412 tce/t, and in 2021, the calorific value of saw dust adopted the measured value of 0.2523 tce/t; the calorific value of coal in 2020 adopted the measured value of 0.7416 tce/t, and the calorific value of coal in 2021 adopted the measured value of 0.7088 tce/t.
 5: Asia Symbol (Shandong) implements the *Guidelines on Accounting methods and Reporting of Greenhouse Gas Emissions from Paper and Paper Products Manufacturing Enterprises (Trial)*, while Asia Symbol (Guangdong) implements the *Guideline for Reporting Carbon Dioxide Emission Information of Enterprises (Units) in Guangdong Province*.

Note: The energy consumption per unit product of Asia Symbol is better than that specified in the national standard⁷.



6: In 2019, the energy consumption per ton of paper products of Asia Symbol (Guangdong) was adjusted from 186.1 tons to 193.7 tons, which was restated due to the change of statistical caliber.
 7: Class I Reference Value of Cleaner Production Evaluation Index System of Pulp and Paper Industry and national standard Norm of Energy Consumption Per Unit Product of Pulp and Paper (GB31825-2015).

Low-Carbon Development

Asia Symbol bases its development on a "double-carbon" strategy to fully promote the transformation and upgrading of the enterprise. The Company applies the concept of energy conservation and carbon reduction throughout the procurement, use, production, transportation and disposal of raw materials, and continuously optimizes the production process to reduce energy consumption in enterprise operations. In 2021, the Company fulfilled the integrated project phase I of flue gas deep treatment and waste heat warming. After completion, the whole project is expected to provide a heating area of 6 million square meters and reduce carbon dioxide emissions by 380,000 tons per year, playing a leading demonstration role in energy conservation and emission reduction in the paper industry.

reduce carbon dioxide emissions per year

380 thousand tons

Combustion of by-product methanol in the placement of diesel

Odor incinerators are used to dispose of waste gas produced in pulp mills, with diesel fuel adopted as a fuel. The Company developed new technology to recycle the methanol by-product produced in the evaporation section by extracting alkali and deliver it to the odor incinerator for combustion to replace diesel, through which about 4,000 tons of diesel could be saved per year. The core technology of the project was authorized by the national invention patent.

The Company has actively applied clean energy, made full use of biomass resources (paper-making black liquor, wood chips, etc.) generated in the pulping process to generate electricity and steam, built rooftop photovoltaic power generation projects on

the factory floor with the local solar energy resources and adopted low-carbon waterway transportation instead of road transportation, with the aim to reduce its carbon emission intensity in an all-round way.

The first phase of the renewable energy pilot project was put into operation

Asia Symbol (Guangdong), committed to be the vanguard of green factories, actively developed and utilized local solar energy resources, made full use of the factory floor based on its own development, and invested RMB 4 million to build a rooftop photovoltaic power station, achieving annual power generation of 1.084 million kWh and reducing carbon dioxide emissions by about 691 tons per year⁸.

achieving an annual power generation

1.084 million kWh

reducing carbon dioxide emissions by about per year

691 tons



Note: 8: Guidelines for Reporting Carbon Dioxide Emission Information of Enterprises (Units) in Guangdong Province.

Sustainable Consumption

The Company advocates the concept of "green, moderate, civilized and healthy" sustainable consumption, based on which it has developed a variety of new products to meet the needs of different customers for higher quality products, and promote the high-quality development of the Company itself.

Carbon-Neutral Products

The Company makes active contributions to the realization of the national "carbon peaking and carbon neutrality goals", and proactively measures the carbon footprint of its products, with greenhouse gas emissions from raw material acquisition, production, and transportation included. In the production process, the Company reduces the carbon emissions of products through energy conservation and emission reduction measures. In the transportation process, it minimizes the emissions mainly through refined management. For carbon emissions that cannot be reduced through carbon emission reduction projects, voluntary purchase of emission reductions approved by the State, in the form of carbon trading, is carried out to offset the carbon emissions of products.

The domestic first carbon-neutral copy paper was put on the market

In 2021, Asia Symbol (Guangdong) invited internationally authoritative certification bodies to calculate the carbon footprint of red PaperOne products and achieved carbon neutrality of the products through emission reduction and other measures in accordance with the global general carbon neutrality standard PAS2060.

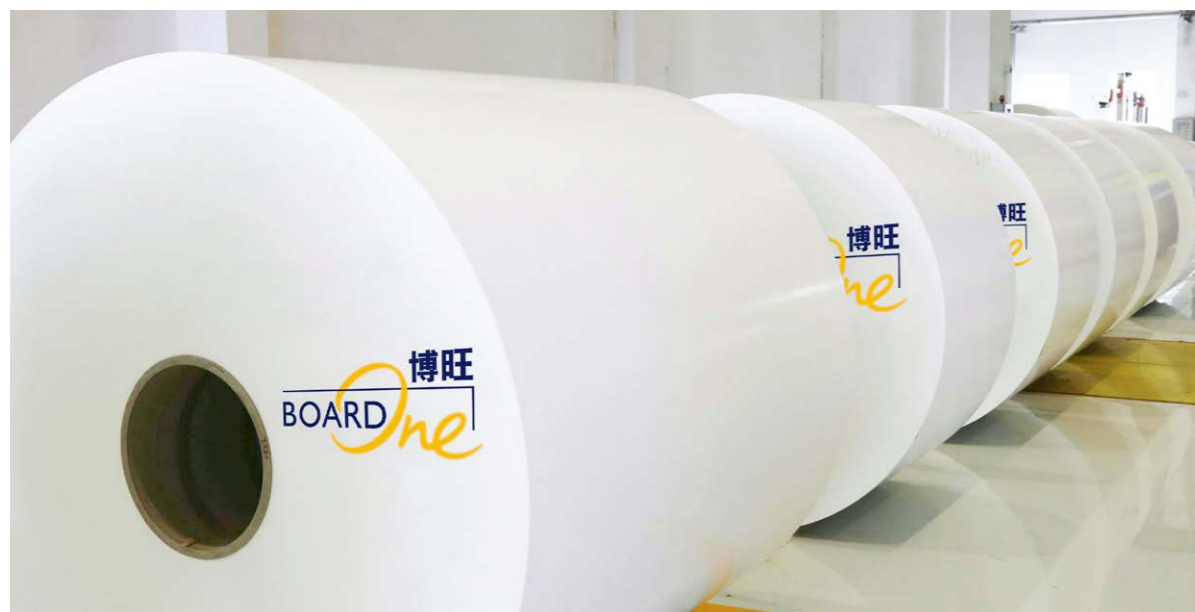
The products obtained the "carbon-neutral" product certificate issued by the Haixia Resources and Environment Exchange, becoming the first "carbon-neutral" products in the paper industry of China.



Green-Designed Products

The Company has actively built a green manufacturing system, and developed green-designed products based on the building of green factories. In 2021, "BoardOne" coated white paperboard and

white paperboard for cigarette packs were selected as green-designed products by the Ministry of Industry and Information Technology.



▲ "BoardOne" Products

Environmentally-Friendly Products

The Company has actively responded to the trend of energy conservation, emission reduction and clean production in the pulp and paper industry, built a green paper industry chain, developed low-whiteness pulp, and produced more environmentally friendly and healthier natural color series of fine paper, thus achieving efficient use of resources and ecological environmental protection while meeting the higher demands of consumers.

The first natural copy paper in the paper industry

The natural color and low whiteness of paper can reduce the environmental pollution load, improve the use efficiency of raw materials, and reduce water consumption.

Asia Symbol takes the initiative to implement the green and low-carbon development, innovates its production process, and launches the "Green One" natural copy paper, which features "ecological and health friendliness", and adopts raw materials with the CFCC-PEFC™ forest chain of custody joint certification, with no fluorescent whitening agents added. The copy paper appears in the color of original wood pulp, and feels soft and comfortable, able to relieve the fatigue caused by long-term reading and thus protect the readers' eyesight.



The "non-coated printing and writing paper" of the Company was rated as the "leader" of water and energy efficiency in the paper industry of Guangdong in 2020.



Lightweight Products

Products with lighter packaging can reduce resource consumption in the production process and cut carbon emissions throughout the entire process, with the consumption link included. The Company has developed a lightweight kraft-soled liquid packaging paperboard, the thickness and stiffness of which reach the required standard with a lower base weight. It can meet the box packaging performance under low base weight, and is able to, with the same paper area, save paper weight and pulp and chemical consumption by 2%-5% for customers. The comprehensive technical level of the project has, therefore, reached the domestic leading level.



..... Lightweight Kraft-Soled Liquid Packaging Paperboard



..... Ordinary Kraft-Soled Liquid Packaging Paperboard

03

Green and Circular Development

Green development is the most sustainable and long-term mode for an enterprise. Asia Symbol always puts ecology first, takes green development as the basic principle, integrates the development of circular economy into the corporate management genes, and strives to build a green enterprise and achieve green growth in line with the spirit of continuous improvement and the principle of "reduction, reuse and recycling", aiming to become a world-class green factory.



Our Approach
Green Factory
Responsible Supply Chain
Environmental Protection Culture



Our Approach



Either the enterprise eliminates pollution

or is eliminated by it

Ideas

Environmental protection goals

Zero failures

Zero odors

Zero complaints

Management System

Environmental management system

The Company, regarding environmental protection as its life, has established a special environmental protection management committee, and, led by the Company's managing director, formed a three-in-one environmental management system that integrates production operation control, logistical

support, as well as environmental supervision and coordination. In 2021, the Company revised and integrated environmental management systems such as the *Pollution Emission Control Procedures and Assessment and Management Regulations for Environmental Protection Rewards and Punishments*. The Company has passed the ISO14001 environmental management system certification, and as of 2021, the certification will remain valid.

“ **Chairman of Asia Symbol (Shandong) Chen Xiaorong:**

Green development is the most sustainable long-term development. Green development can promote innovation, reduce production costs, obtain new capital channels, create green competitive advantages of products and increase business reputation.

”

Improvement of management level

The Company has put environmental protection through all links of production and operation, established a perfect environmental protection management and control, emergency response and training system, continued to improve through lean management and independent preservation, and took preventive measures through emergency drills, to ensure that environmental protection must be checked when taking up posts

and environmental protection must be emphasized during meetings. In 2020, Asia Symbol (Shandong) was selected into the fifth batch of green manufacturing list of the Ministry of Industry and Information Technology, becoming a "national green factory". By 2021, Asia Symbol (Guangdong) has won the title of "Green Brand Enterprises with Environmental Credit" for 8 consecutive years.



Asia Symbol(Guangdong) has won the title of "Green Brand Enterprises with Environmental Credit"

for **8** consecutive years

Environmental protection inspection system

Asia Symbol (Shandong) is committed to building an open and transparent factory and has established an environmental protection joint prevention and joint control inspection system.

In the enterprise, the Company has set up three-level (workshop, safety and environmental protection, and company leaders) environmental protection inspection teams, to carry out continuous inspection in and around the factory, respond internally and externally, and communicate with production and operation at the first time for suspected odor problems, so as to quickly make judgments and solve problems.

Outside the enterprise, the Company employs environmental protection social supervisors to hold regular discussions, collect opinions and suggestions on environmental management, odor control, pollutant discharge and other aspects, and immediately rectify the problems found.



“ Asia Symbol's production, management and corporate culture are closely centered on green environmental protection. In fact, we serve as a bridge between enterprises and the society, feeding back the voice of society to enterprises, promoting the improvement of enterprises, publicizing the environmental protection work of enterprises to the society, and doing something for the society within our ability.

——Bai Xiaoli,

Asia Symbol's environmental protection social supervisor ”

Investment in Environmental Protection

By 2021, the Company's accumulated investment in environmental protection exceeded RMB 5.5 billion. Among these, Asia Symbol (Shandong) has invested more than RMB 5 billion in environmental protection, which is the highest in pulp and paper factories of the same scale in the world, both in terms of total environmental protection investment and the proportion of total investment. Its main energy consumption, water consumption and environmental protection indicators have reached the leading level in the industry, which is superior to developed countries such as Finland and Japan. From 2020 to 2021, the Company did not violate environmental laws and regulations.



With outstanding performance in circular economy, Asia Symbol (Shandong) has been rated as "Resources Cyclic Utilization Base in Shandong".



the Company's accumulated investment in environmental protection exceeded

RMB **5.5** billion

Green Factory

The Company actively responded to the requirements of *Made in China 2025* to build a green manufacturing system, and took the initiative to benchmark the evaluation indicators and requirements of green factories, creating green factories and accelerating the green transformation.

Water

The Company has established the water use principle of "quality-based supply, stage treatment, temperature matching, cascade utilization, small radius circulation and closed circuit in different areas". The water is mainly taken from rivers, reservoirs and other surface water bodies, and is used for production after technological treatment, without any negative impact on local water sources due to water intake.

The Company continues to innovate and tap the potential, and the pulp washing effect and filtrate recycling are strengthened in the pulping production line. The paperboard production line adopts the advanced white water recovery system for water recycling to continuously reduce the water consumption per unit product. In addition, the Company has built an advanced reclaimed water reuse system, adopting the "ultrafiltration + reverse osmosis membrane" treatment process, and re-deeply treating the sewage treated by the municipal sewage treatment factory for boiler water replenishment and other sections in the production process. The full-load production can save more than 10 million tons of fresh water annually.

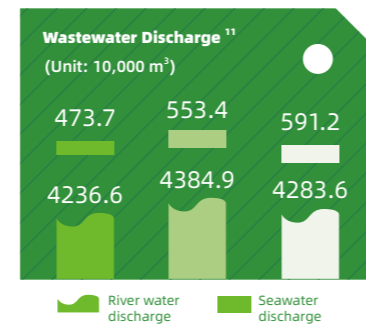
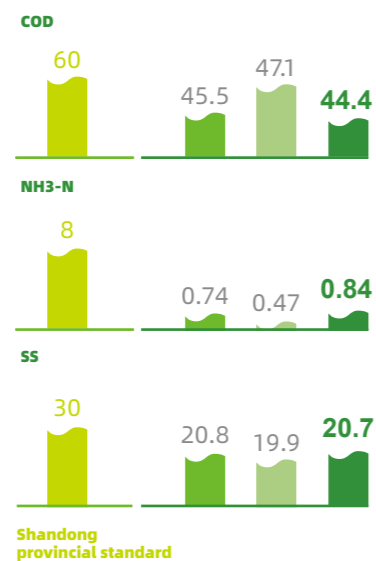
Note: 9: Including fresh water and reclaimed water. In 2019, the production water withdrawal was adjusted from 57.421 million m³ to 53.62 million m³, which was restated due to the change of the statistical caliber of Asia Symbol (Shandong).
10: The water consumption self-provided by Asia Symbol (Shandong) for power plant cannot be separated according to the two production lines of pulp and paperboard, so the water consumption per ton of pulp and that per ton of paperboard do not deduct the water consumption of power boiler.

Note: The unit product water consumption and water reuse rate of Asia Symbol have reached the international leading level.¹⁰

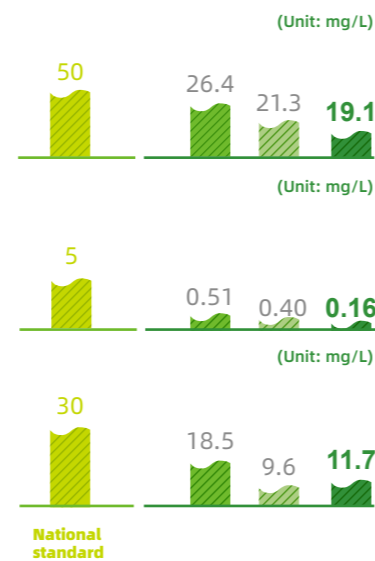


In view of the wastewater produced in the pulping and papermaking process, the Company adopts advanced wastewater treatment technology to reduce the amount of pollutants from the source of production and the amount of wastewater discharge. The Company's production wastewater and domestic sewage are discharged into the deep sea and rivers after being treated by the sewage treatment factory in the factory. The online monitoring facilities are installed on sewage outfalls and are networked with the provincial and municipal environmental protection departments.

Water Pollutant Discharge Concentration of Asia Symbol (Shandong)¹²



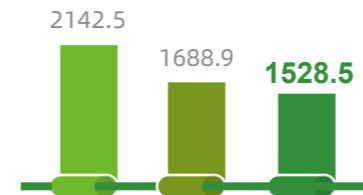
Water Pollutant Discharge Concentration of Asia Symbol (Guangdong)¹³



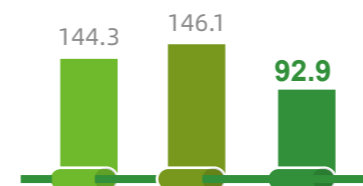
Waste Gas

The Company is committed to building a factory without offensive odors. To eliminate the smell from nitrogen oxides, sulfur dioxide, particulate matter and unorganized exhaust gas generated in the production process, it has built environmental protection projects such as dual power odor backup combustion system, ultra-low emission project of alkali recovery boiler and power boiler, dust-proof net project of wood chip yard, capping project of sewage treatment pond, advanced treatment of flue gas and waste heat warming project, etc., and effectively treated the exhaust gas.

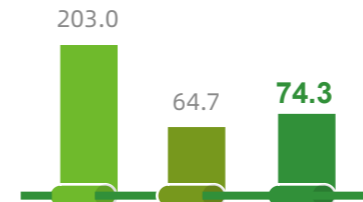
NOx Emission (Unit: Ton)



SO₂ Emission¹⁴ (Unit: Ton)



PM emission¹⁵ (Unit: Ton)



Note: 11: Wastewater discharge includes urban regeneration wastewater of Asia Symbol (Shandong) and wastewater of Lyocell Project.
12: Standard of Shandong Province *Integrated Wastewater Discharge Standard for Basin Part 5: Shandong Peninsula Basin* (DB37/3416.5-2018).

The first large-scale alkali recovery boiler denitration and dust removal transformation

There is no mature denitration technology for large-scale alkali recovery boiler at home and abroad. To realize the goal of its green factory, the Company organized a technical force, cooperated with the world's most advanced environmental protection company, invested more than RMB 400 million to implement denitration and dust removal transformation on the second-stage production line, and reduced the air pollutant emissions by about 30%.



Alkali recovery boiler denitration system

The first dual power odor combustion system in pulp and paper industry

The odor produced by kraft pulping needs to be sent to the burning point for treatment through the collection system, otherwise it will produce a peculiar smell and affect the surrounding environment. In order to build a zero-odor factory, Asia Symbol (Shandong) invested more than RMB 58 million to upgrade more than 70 pumps, more than 130 valves and other equipment in 9 workshops, and added UPS standby power supply, standby air compressor and standby water source to ensure the continuous supply of public facilities such as water, electricity, steam and compressed air required for odor treatment. As the main improvement point, UPS standby power supply can be automatically switched to standby power supply when the main power grid is cut off so as to realize seamless connection of power supply switching and ensure continuous power supply of related equipment of odor system. Since the completion of the project, there are no odor leakage and environmental protection accidents caused by public utility failure in Asia Symbol (Shandong).

“

Tian Wenling, the director of health and family planning in Donghanjia Village, Economic Development Zone Rizhao:

We are the villagers around the factory of Asia Symbol. Since they started to build the factory, we have been neighbors. When the enterprise was put into production, there was indeed a little smell here, and the villagers also had some opinions. However, in recent years, there has been no smell at all, and the enterprise often invited us to visit the factory. We also learned that enterprises have increased investment in environmental protection and made many improvements in recent years, and we have also carried out co-construction activities together to improve the quality of life of villagers.

”

Note: 13: National standard *Discharge Standard of Water Pollutants for Pulp and Paper Industry* (GB3544-2008) and Guangdong provincial standard *Discharge Limits of Water Pollutants* (DB44/26-2001).
14: SO₂ emission in 2019 was adjusted from 48.6 tons to 144.3 tons, which was restated due to the change of statistical caliber of Asia Symbol (Guangdong). By the end of 2020, Asia Symbol (Guangdong) completed the transformation of ultra-low emission of boiler flue gas, and the SO₂ emission was significantly reduced in 2021.
15: In 2019, the emission of PM was adjusted from 243 tons to 203.0 tons, which was restated due to the change of the statistical caliber of Asia Symbol (Guangdong). By the end of 2019, Asia Symbol (Shandong) completed the denitration and dust removal transformation and achieved a significant reduction in NOx and PM emissions by 2020.

Solid Waste

The Company treats the waste generated in production according to the principle of "reduction, reuse and resource utilization". The general solid wastes produced in the production process are saw dust, pulp residue, ash, green mud and sludge, etc. In 2021, Asia Symbol (Guangdong) had realized zero solid waste landfill, and Asia Symbol (Shandong) had realized zero solid waste landfill except green mud and slaked lime slag.

The hazardous wastes generated in the production of the Company are waste mineral oil, waste lead-acid batteries, waste oil drums, waste filter elements, etc. the amount generated in 2021 is 136.3 tons, all the wastes are transported to qualified units for proper disposal.

Innovation of production technology to reduce the amount of paper waste slag

The liquid calcium carbonate slurry is provided for the ground calcium carbonate workshop to improve the smoothness, opacity and strength of paper, and to save the amount of wood pulp fiber. However, the original process will produce a lot of waste residue. The Company has greatly reduced the amount of waste residue by adjusting the production process, and realized the saving of a lot of manpower, vehicle damage, fuel consumption and raw materials.

	Before Improvement	After Improvement
Waste residue quantity	>1460 ton/year	>12 ton/year
Man-hours for waste residue treatment	360min per week	90min per month
Raw material consumption per year	RMB 365,000	RMB 3,000

This process improvement is a technological innovation, which is the first in the ground calcium carbonate industry. The waste residue rate of the ground calcium carbonate workshop is far lower than the industry average of 0.006%-0.014% in other calcium carbonate factories, and it is a leader in the industry.

Production Amount and Treatment Method of General Solid Waste of the Company (Unit: Ton)

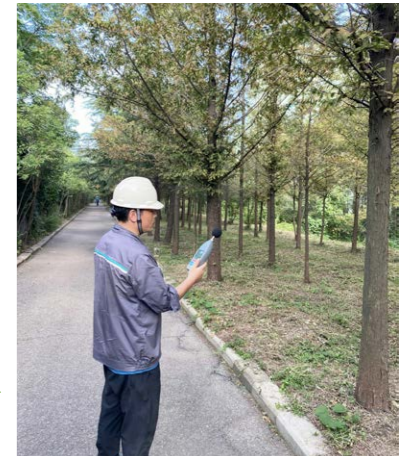
	Type of Solid Waste	2020	2021	Handling Method	Rate of Multipurpose Utilization
Asia Symbol (Shandong)	Wood chips	98675	98356	Saw dust is sent to power boilers for incineration or sold to communities for planting mushrooms and making profiled boards.	100%
	Pulp residue	7657	8346	The pulp residue is sold to low-end paper mills for comprehensive utilization.	100%
	Ash	56903	48591	Boiler ash is sold to building material factory for comprehensive utilization.	100%
	Sludge	43197	47821	After the sludge is dried by the plate and frame filter press, the primary sludge is sold to the small paper mill for comprehensive utilization. The biological sludge is burned by the boiler in the factory area or used to produce the organic fertilizer. The air flotation sludge is used as the auxiliary material for building materials for comprehensive utilization or sent to the existing boiler in the factory area for combustion.	100%
Asia Symbol (Guangdong)	Green mud and slaked lime slag	13880	13010	Green mud and slaked lime slag are sold to solid waste landfill for sanitary landfill.	0
	Fly ash	45645	58326		100%
	Slag	15877	15331	Fly ash, slag and desulfurized gypsum are sold to building material factory for comprehensive utilization.	100%
	Desulfurized gypsum	10419	10454		100%
	Other general solid wastes	6197	7149	Pulp and slag are sold to low-end paper mills for comprehensive utilization, and sludge is used as raw material and burned with coal.	100%

Noise

Continuous and automatic large-scale mechanical equipment in pulping and papermaking factory will produce loud noise in the operation. In order to reduce the impact of noise on personnel, the Company set up mufflers in the workshop and took vibration reduction measures, making full use of the shielding effect of buildings to reduce the noise to the requirements of the EIA. For some high-noise sections in the factory, the Company built sound insulation rooms for operators or implemented remote terminal control to avoid noise harm to employees. At the same time, the Company strengthened the personal protection of operators, provided anti-noise equipment such as earplugs and earmuffs, and planted green belts in the factory area and factory boundary in an all-round way, so as to screen the noise.

Equipment noise reduction

Blowers in sewage treatment plant are important equipment to provide oxygen demand of microorganisms in aeration system. The previous blower has been used for many years, with high energy consumption and noise. In order to save energy and reduce noise, the Company adopts advanced centrifugal blower to replace the previous roots blower. While reducing the operating cost, it can reduce the noise by 15 decibels and the noise reduction effect is obvious.



Noise Detection at Factory Boundary

Chemicals

Hazardous chemicals will be used in pulping and papermaking, mainly including hydrogen peroxide, hydrochloric acid, sulfuric acid, sodium hydroxide, etc. The Company has formulated the *Management Procedure for Hazardous Chemicals*, which clearly defines the procurement, production, storage and transportation, loading and unloading, use, scrapping and

emergency treatment of hazardous chemicals. The Company conducts regular assessment and inspection of hazardous chemicals. While ensuring the product quality, the Company tries to replace harmful chemicals with harmless chemicals or select chemicals with little harm to human health and environment.



ARIA natural shade offset paper

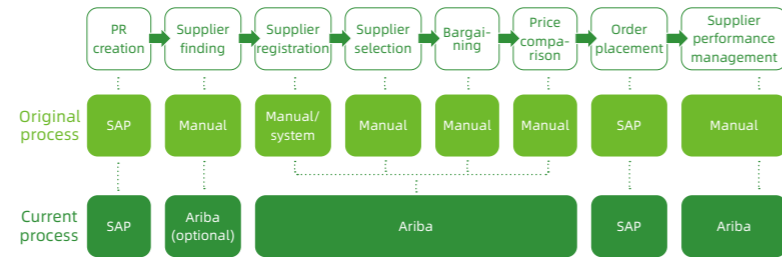
Asia Symbol (Guangdong) actively practices the concept of green intellectual creation, adopts advanced papermaking technology and quality control technology, and develops a series of healthy and environmentally friendly ARIA natural shade offset paper. The product has a delicate paper surface, no fluorescent whitening agent, which is beneficial for eyes and provides the safest reading experience for teenagers and children readers.

Responsible Supply Chain

To promote the responsible procurement of wood chips and wood pulp, the Asia Symbol updated its *Wood and Pulp Sourcing Policy*¹⁶ in 2020, encouraging wood chips and wood pulp suppliers to obtain certification of chain of custody of forest products, encouraging suppliers to implement sustainable forest management practices, giving priority to the certified wood chips and wood pulp for procurement and giving priority to suppliers committed to forest protection and peatland management. The Company established a supply chain traceability system to trace the source of wood chips and wood pulp, implemented a verification system evaluated by an independent third party, announced progress in a transparent way, and ensured continuous improvement.

Asia Symbol avoids purchasing the following wood chips and wood pulp

- illegally harvested or traded
- from forests of high conservation value (HCV)³, high carbon stock (HCS)⁴, from ancient and endangered forests (such as Indonesia's natural tropical forest, Canada's Boreal Forest, Coastal Temperate Rainforests, the Amazon and West Africa) or from the habitats of endangered species
- from natural forests which are not certified⁵
- from genetically modified trees
- obtained in violation of the rights of indigenous peoples and communities to give or withhold their Free, Prior and Informed Consent (FPIC) to operate on lands where they hold legal, communal or customary rights
- obtained in violation of workers' rights or any of the ILO's Declaration on Fundamental Principles and Rights at Work

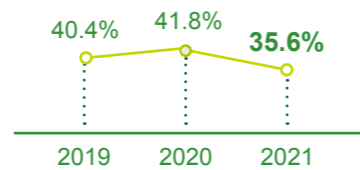


The Company established a digital procurement platform, improved the transparency and efficiency of procurement activities, and incorporated environmental and social performance into the initial qualification examination and annual performance evaluation of suppliers. During the reporting period, the Company's audit rate for new suppliers and key suppliers reached 100%.

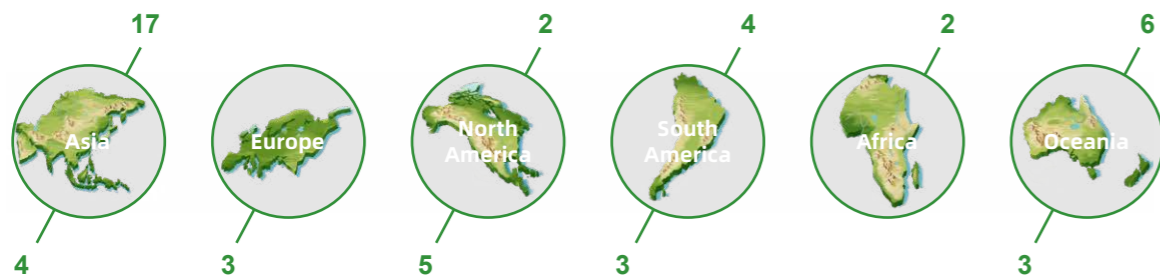
In 2021, Asia Symbol (Shandong) purchased 3.91 million (oven dry metric ton) of wood chips, mainly acacia, eucalyptus and coniferous wood chips, and the proportion of wood chips certified by PEFCTM/FSC[®] was 35.6%. In 2021, the Company purchased 1,006,866 air-

dried tons of wood pulp, mainly coniferous pulp, hardwood pulp, mechanical pulp and natural pulp. The proportion of wood pulp certified by PEFCTM/FSC[®] of Asia Symbol (Shandong) was 53.9%, and that of Asia Symbol (Guangdong) was 42.3%.

Certification proportion of PEFCTM/FSC[®] wood chips purchased by Asia Symbol (Shandong)



Distribution of Asia Symbol Wood Chip Suppliers in 2021

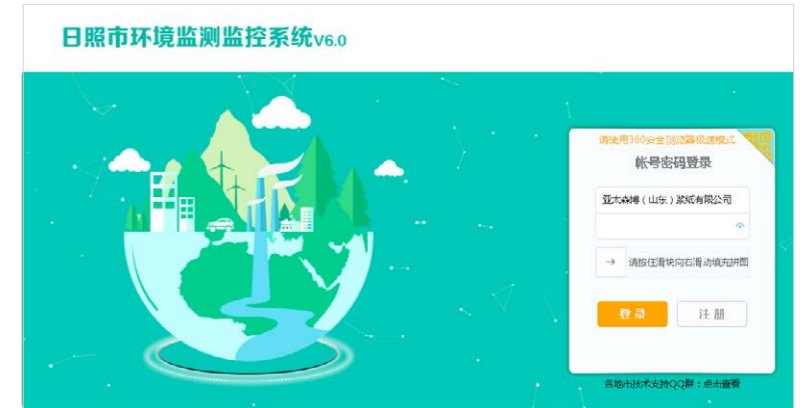


Distribution of Asia Symbol Wood Pulp Suppliers in 2021

Note: 16: <https://www.asiasymbol.com/sustainability/wood-pulp-sourcing-policy>. 17: Program for the Endorsement of Forest Certification (PEFCTM), Forest Stewardship Council (FSC[®]).

Environmental Protection Culture

The Company is committed to building an accountable factory and a transparent operation. The wastewater and waste gas are monitored online and made public online after the Company is networked with the environmental protection department. Third-party testing institutions are regularly entrusted to test the wastewater and waste gas, and the testing data are made public on the website of the national monitoring enterprise. At the same time, the Company has publicized the implementation of environmental protection indicators on the website, and sewage outfalls. When the production equipment was overhauled or shut down, or there were other related issues of social concern, they were all announced in local newspapers.



Environmental Data Online Monitoring System of the Company

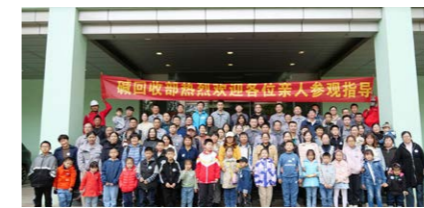
In addition, the Company has carried out environmental public open day activities for a long time, invited representatives from all walks of life, such as the surrounding community residents, students, academic groups and media, to enter the factory, to

get a personal experience of the Company's environmental protection management, held regular telephone exchanges or discussions with the surrounding community residents and social representatives and listened to suggestions from all walks of life.

"I Love My Family - Asia Symbol - Workshop Staff Family Day"

In 2021, Asia Symbol (Shandong) invited more than 350 employees' family representatives from 207 families to walk into the Company, visit the workshop and feel the Company's improvement results.

Chen Xiaorong, Chairman of Asia Symbol (Shandong), welcomed all the family members, hoping that they can point out what we have not done well during the visit and praise what we have done well. Our common goal is to make Asia Symbol a good enterprise with social security where employees go to work safely.



Visit of Employees' Family Members to the Workshop



Please scan the code to watch Family Day Activities

“ a family member of employee Li Qian:

This activity is very good, very meaningful and down to earth. I am very touched. During the activity, I walked into the workshop where my husband worked, felt the management of the workshop and understood the working environment of my family. I am happy for the improvement of Asia Symbol in safety, environmental protection and health!



The Company invested RMB tens of millions to build Asia Symbol Exhibition Hall in Rizhao and Xinhui, spread the concept of green development of pulp and paper industry, and cultivate public awareness of environmental protection. It received more than 130,000 visitors and was rated as "the Most Beautiful Research Base in China", "Popular Science Education Base" and "Environmental Education Base".

received visitors more than **130** thousand

04

Harmonious Coexistence

Harmonious coexistence is the cornerstone of enterprise development. Asia Symbol adheres to a people-oriented principle and is committed to developing together with employees, partners and communities to create a more inclusive and prosperous future.



Our Approach
Care for Employees
Mutual Benefit
Community Co-construction



Our Approach



Co-construction symbiosis
mutual benefit sharing

Ideas

Goals

To realize personal development of employees

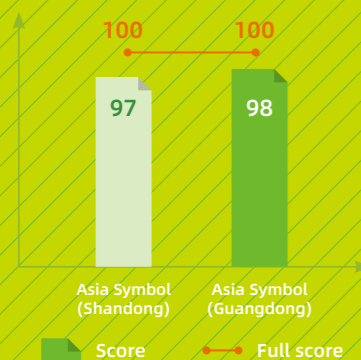
build a harmonious community and achieve mutual benefit for partners

Care for Employees

The Company is committed to providing employees with a fair, safe and positive working environment to ensure that all employees achieve personal development.

Protection of Rights and Interests

In 2021, the Company hired a third-party professional organization to conduct an employee engagement survey



Asia Symbol promises to respect the basic rights and interests of employees. The Company has formulated a *Human Rights Policy* to ensure that no one is discriminated against because of race, religion, sex, age or other factors. The Company adheres to legal employment, protects employees' privacy, eliminates child labor and prohibits forced labor. The Company provides competitive salary and diversified benefits for employees, and paid holidays and social insurance for employees in accordance with the laws and regulations of anywhere the company operates.

The Company set up a trade union organization to carry out rights communication and collective consultation. And encourage employees to join trade unions and participate in democratic decision-making, democratic management and democratic supervision. In 2021, the Company held a workers' congress, reviewing a number of proposals related to employees' vital interests, such as the *Collective Wage Agreement*, the *Special Collective Contract for the Protection of Women Workers' Special Rights and Interests*, and the *Employee Handbook*. The *Collective Contract of Asia Symbol (Shandong)* covers 100% of employees.

The Company has established a mature employee communication and complaint mechanism. Employees are encouraged to discuss and solve problems with their direct supervisor in a timely and frank manner, by interview, letter (signature) and mail. In addition, the company has set up diversified communication platforms, including general manager communication day, employee forum, dining hall satisfaction and vehicle satisfaction, irregular probation employee interviews and team meetings, etc., to ensure that employees have complaint channels and get timely and effective feedback. In 2021, Asia Symbol (Shandong) won many honors such as "Top Ten Employees' Trusted Home in Rizhao City" and "May Day Pioneer Unit in Rizhao City".

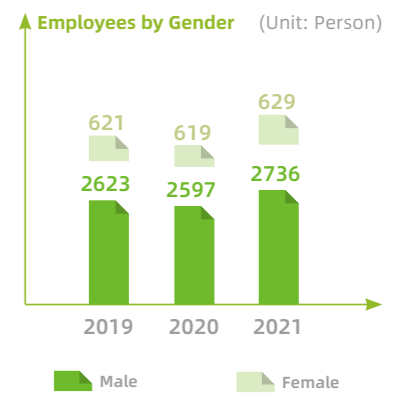
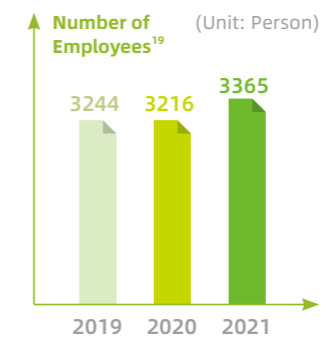


▲ Chen Xiaorong, Chairman of Asia Symbol (Shandong), had a discussion with frontline employees on "General Manager Communication Day"

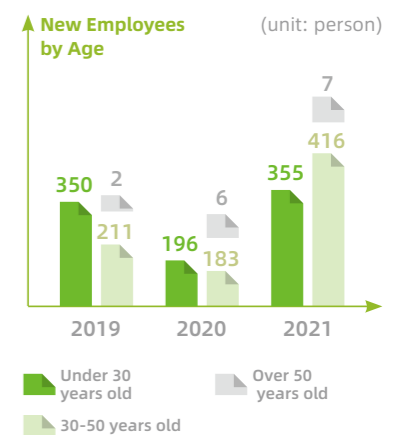
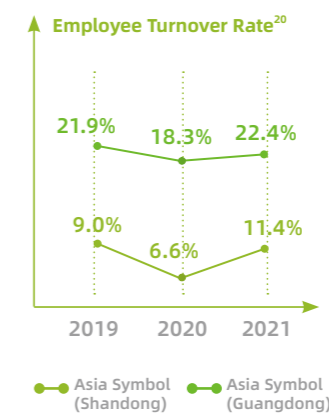
Staff Development

Staff situation

In 2021, there were 3,365 employees in the Company, including 2,311 local employees¹⁸, accounting for 68.7%.



Asia Symbol (Shandong) won the "Best Employer Brand Enterprise of Qilu Talents in 2021"

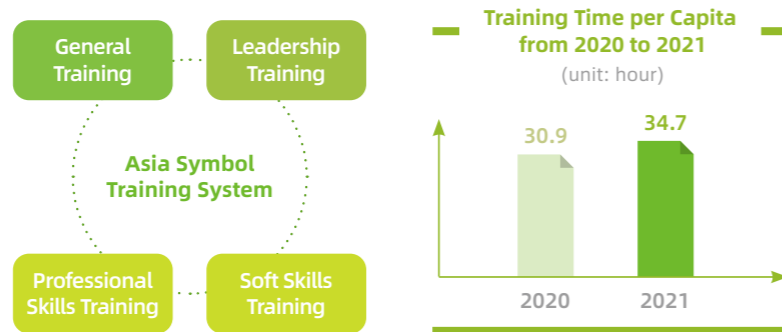


NOTE: 18: Local employees refer to employees from the province where the enterprise is located.
19: The number of employees in 2019 was adjusted from 3,676 to 3,244, which was restated due to the change of the Company's statistical caliber.
20: Turnover rate = Total number of separating employees within the year *2/ (number of employees at the beginning of the year + number of employees at the end of the year)

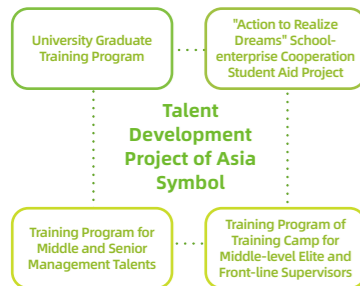
Training and Development

The Company attaches great importance to staff training and talent development, has set up a special training center and organizational development organization, and has established a comprehensive training and talent development system. Through the digital human resource management system, it tracks staff training in real time and reports the work progress to the management every month.

The Company's training system covers all levels from ordinary employees to senior management and technical personnel, and the training content includes all aspects from technology to management to corporate culture. In 2021, the per capita training time of employees in the Company was 34.7 hours.



The Company sent four employees to support the construction of "STAR" project of Bracell factory in Brazil under Royal Golden Eagle, so as to enhance the career development ability of employees



The Company has made personal development plans for employees and carried out a series of talent development projects. In 2021, 100% of the Company's employees will receive annual performance appraisal and career development evaluation.



The "Talent Training Award" Selection Activities has been held for two consecutive years

Safety and Health

Our approach

The Company adheres to the safety concept of "people oriented, safety first and scientific development", always put the safety of employees first, set up a safety production management committee with the managing director as the first responsible person, and established a number of safety management systems such as *Safety Production Responsibility System* and *Safety Production Reward and Punishment Assessment Management Regulations*, forming a systematic safety management system. The Company has passed the ISO45001 occupational health and safety management system certification, and as of 2021, the certification remains valid.

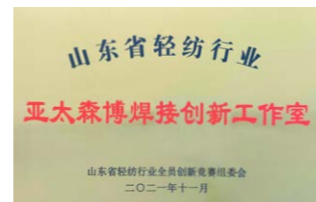
The Company continued to increase investment in safety production, improved safety production conditions, strengthen basic management of safety production, implemented safety responsibilities at different levels through whole staff participation and continuous improvement, refined safety performance appraisal, fully realized the four zero goals of zero explosion, zero fire, zero death and zero occupational disease, and strived to build an intrinsically safe enterprise. From 2020 to 2021, one contractor employee died, and a total of 9 accidents with lost working hours occurred.



Training room becomes the cradle of the company's talent training.

In order to improve the efficiency of personnel training, since 2020 Asia Symbol (Shandong) has integrated the resources of various departments, built five training rooms, namely, electrical, instrumentation, machinery, welder and automation, and constantly enriched the software and hardware equipment, optimized the training process, enriched the training courses, and expanded the tutor team to ensure that every employee participating in the training truly mastered the required knowledge and skills.

From 2020 to 2021, Asia Symbol (Shandong) won the honors of "Asia Symbol Equipment Inspection and Innovation Studio" and "Asia Symbol Welding Innovation Studio" in Shandong textile industry, and many employees of the Company were awarded the titles of "Technical Expert in Shandong Light Industry", "Chief Technician in Rizhao City", "Rizhao Craftsman" and "Qilu Craftsman".



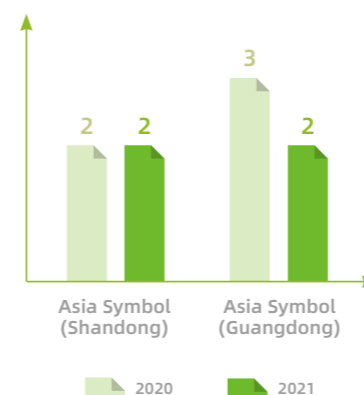
Asia Symbol Welding Innovation Studio won the title of "Shandong Textile Industry Model Worker and Craftsman Talent Innovation Studio"



Training Room Training Site

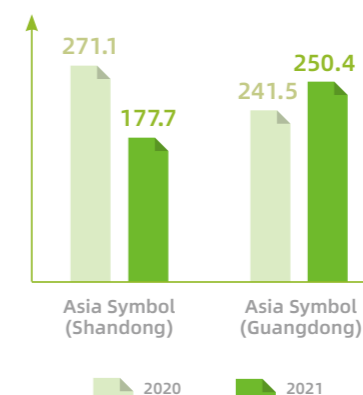
Number of Accident with Lost Working Hours

(Unit: Accident)

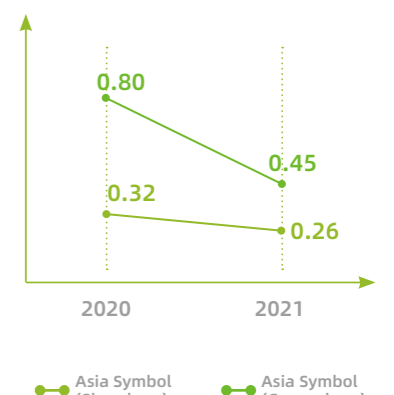


Lost Hours of Millions of Working Hours

(Unit: Hour)



Injury Frequency Ratio (LTIF)²¹



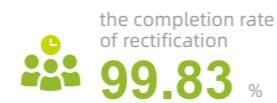
Note: 21: Data covers all employees and contractors of Asia Symbol.

Safety production

The Company continued to carry out safety standardization management, according to the *Evaluation Standard for Safety Production Standardization of Paper Enterprises* and won the certification of safety production standardization second-class enterprise (light industrial papermaking) in 2021. Asia Symbol (Guangdong) was rated as "Advanced Unit of Safety Production Fire Safety Supervision in 2021" by Shuangshui Town People's Government.

The Company attaches great importance to daily safety management. According to the requirements of the dual prevention mechanism of risk management and control and hidden danger investigation and management, it has established a multi-level hidden danger investigation and management mechanism, registered the problems

found in the inspection in the ledger, tracked the implementation of rectification, which was linked with the assessment of rewards and punishments for safety production. In 2021, the Company discovered 2,390 potential safety hazards, and the completion rate of rectification was 99.83%.



Asia Symbol (Guangdong) won the Winning Unit of the National "Safety and Health Cup" Competition

Factory Safety Wearing Standards

On the eve of the Spring Festival, Chen Xiaorong, chairman of Asia Symbol (Shandong), went to the frontline to inspect the safety production

Factory Safety Production Slogan

The Company has established an emergency plan system consisting of comprehensive emergency plans, special emergency plans and on-site disposal plans of various departments and carried out emergency plan drills regularly. According to the construction standard of the first-class ordinary fire station in the city, the Company has set up a full-time fire station in the enterprise, equipped with full-time firefighters, protective equipment and rescue equipment.

Each workshop has set up a departmental emergency management team and a part-time emergency rescue team. Surveillance cameras and gas leakage alarm systems were installed in all dangerous sections. The production site was equipped with chemical protective clothing, air respirators and personal gas masks for employees. In 2021, the Company conducted 503 emergency drills.

The Company sets up emergency muster points and emergency muster point distribution map in the factory area to facilitate the emergency evacuation and muster of personnel in the factory in case of hazardous chemical accidents and other accidents



Asia Symbol (Shandong) was awarded the advanced unit of "Crucial Year" in firefighting 2020.



Fire-fighting Drill

Health care

The Company always regards the healthy work and happy life of its employees as its responsibility. An occupational health management committee and an occupational health management system have been established. On-site occupational health inspection is conducted on the workshop once a month, a qualified third party is hired to test

the occupational hazards of the Company every year, and the status quo of occupational hazards is evaluated once every three years to ensure the continuous improvement of the workshop. From 2020 to 2021, there were no occupational disease events in the company, and the occupational physical examination rate of employees was 100%.



The Company provides hearing protectors for front-line operators to avoid occupational diseases caused by noise

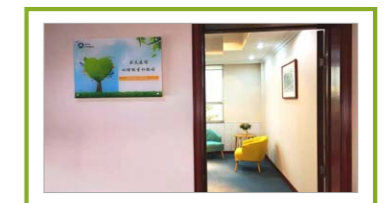


The Company has set up a health service room, equipped employees with emergency medicine boxes and other facilities free of charge, regularly organized health knowledge lectures, and conducted the selection of "Occupational Health Talent" to enhance employees' occupational health awareness and literacy. In addition, the Company

has built an "Asia Symbol Psychological Energy Supply Station" and regularly hires psychological consultants to provide on-site training, assistance and intervention for employees. In 2021, Asia Symbol (Shandong) passed the on-site evaluation of Shandong Health Enterprises.



In 2020, Asia Symbol (Shandong) was awarded the title of "occupational health demonstration unit in the city" by Health Commission of Rizhao Municipality



Asia Symbol Psychological Energy Supply Station

Safety culture

The Company attaches great importance to the cultivation of employees' safety awareness, has formulated the *Safety Training Management Regulations*, establishes a three-level safety education system, continuously carries out safety production month activities, strengthens employees' safety awareness through various safety training, competitions, examinations, so as to ensure that the learning results are implemented into daily safety production work and build a safe bottom line. In 2021, a total of 16 employees of the Company obtained the national registered safety engineer certificate.



All staff learn the "first lesson of commencement" of safety production



Safety and Environment Protection Speech Contest



The Company attaches great importance to the safety management of foreign builders, contractors, suppliers and logistics units, and regularly commends outstanding safety and civilization cooperative units

Care for Employees

Guarantee of working and living environment

In terms of work, the Company constantly improves the working environment of employees, increases investment in personal protective equipment of employees, and tries its best to protect the health and safety of field staff. In addition, Asia Symbol (Shandong) actively implemented an employee reward system. From 2020 to 2021, it rewarded 16 employee deeds, with 56 person-times, and paid a bonus of RMB 21,000.

In terms of life, the Company has opened new staff apartments, expanded staff canteens, raised meal subsidies and feeding standards, expanded staff parking lots, raised staff holiday gift standards, and continuously improved staff satisfaction.

Employee apartments create a "feeling of home"

Adhering to the principle of "thinking for employees everywhere", Asia Symbol (Shandong) has built an employee apartment with high standards in Symbol New City, so that every employee who lives in it can feel the warmth of home. In addition, the Company has built an indoor activity area of 1,000 square meters for employees' apartments, including employee fitness center, fresh supermarket, medical service station, hairdressing salon, express service station, which fully meet the daily leisure, entertainment and life needs of employees.



Staff Apartments

Condolences to employees

Advocating great love, the Company issued the *Measures for the Administration of Gifts and Solatium of the Trade Union Committee of the Company*, which gave gifts or solatium to employees' marriage, childbirth, children's further studies, hospitalization and funerals, so that every employee could feel the warmth of the family of the Company. From 2020 to 2021, Asia Symbol (Shandong) distributed gifts and solatium of RMB 308,800 to 544 employees.

In addition, the Company actively provided assistance to the extremely poor. From 2020 to 2021, it provided assistance to 7 employees in difficulty and distributed relief funds of RMB 170,000.

distributed relief fund of
RMB **170** thousand

Work-life balance

The Company respects employees' interests and hobbies and has set up a number of employee interest groups such as photography and long-distance running, and regularly organizes colorful

cultural and sports activities such as employee sports games, family days, and Spring Festival galas, which enriches corporate cultural life and strengthens corporate cohesion and centripetal force.



Special Knowledge Lecture on Women's Day on "March 8"



Celebration of the 100th Anniversary of the Founding of the Party



Youth Badminton Charity Invitational Tournament of "Asia Symbol"



Staff Parent-Child Sport Games

Mutual Benefit

The Company actively plays the role of leading enterprises, promotes industrial transformation and upgrading, and works with partners to promote local economic development.



Leading the development of the industry

Development of industry standards

Asia Symbol is committed to becoming a benchmark enterprise for industrial upgrading, technological progress and green development of pulp and paper industry. In 2021, the Company led and participated in drafting three industry energy-saving standards, namely, *Cooking System of Energy Monitoring and Evaluation Method of Papermaking Industry*, *Bleaching System of Energy Monitoring and Evaluation Method of Papermaking Industry* and *Detailed Rules for Calculation of Comprehensive Energy Consumption of Pulping and Papermaking Enterprises*. With the Company's practical experience in building green factories, it participated in drafting the *Evaluation Standard for Green Factories in Papermaking Industry - Part 1: Self-made Wood Pulp and Paper*, which played an active role in promoting green development, saving energy and reducing production costs of pulping and papermaking enterprises.

received a government financial support fund of
RMB **3** million

Construction of exchange platforms

Asia Symbol has always attached importance to the construction of science and technology R&D platform and continuously increased investment in science and technology research and development. In 2020, Asia Symbol (Shandong) became one of the first member units of "Rizhao Post-doctoral Platform Cooperation Alliance", helping Rizhao improve the training quality of postdoctoral fellows and contributing to the high-quality development of Rizhao.



In 2020, Asia Symbol (Shandong) became one of the first member units of "Rizhao Post-doctoral Platform Cooperation Alliance"

Cultivation of industrial talents

Industrial leading talents are of great significance to accelerate the centralization of industrial talents, promote industrial transformation and upgrading and innovative development. With great importance attached to the construction of technological innovation system and talent system, Asia Symbol

has introduced high-level professional talents at home and abroad. In 2021, the Company's Wang Shaoguang Team was successfully selected as the "Leading Talent (Team) in Scientific and Technological Innovation of Rizhao City" and received a government financial support fund of RMB 3million.

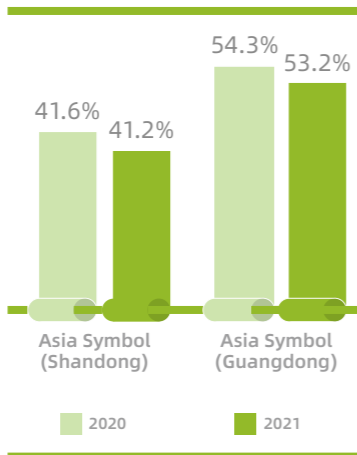
Driving local industries

Asia Symbol took the initiative to play a leading role in promoting the development of paper products, printing, packaging, textiles, new materials and other related industries and led nearly 1000 enterprises in Shandong and Guangdong towards joint development, including development of more than 200 enterprises and employment for tens of thousands of people in Rizhao alone.

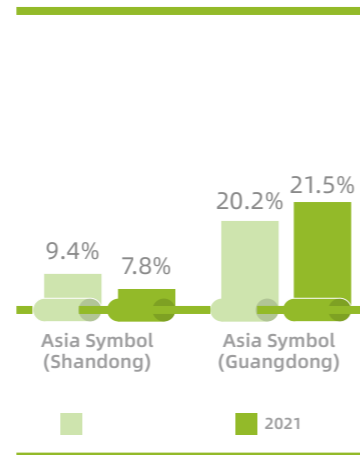
The Company implemented the localized procurement²² policy to help the development of local enterprises. In 2021, the localized procurement amount of Asia Symbol (Shandong) accounted for 7.8%²³, while that of Asia Symbol (Guangdong) accounted for 20.9%.

led nearly **1000** enterprises in Shandong and Guangdong towards joint development

Proportion of Local Suppliers of the Company from 2020 to 2021



Proportion of Localized Procurement Amount of the Company from 2020 to 2021



Note: 22:Localized procurement refers to the purchase from the province where the enterprise is located. 23:Most of the wood chips used by Asia Symbol (Shandong) are purchased from abroad.



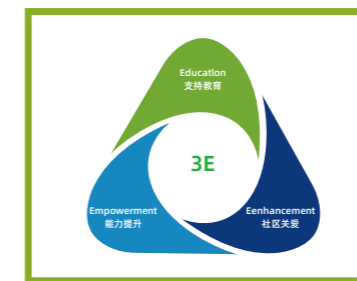
Asia Symbol (Guangdong) was awarded the title of "Chain Leader" enterprise of paper and printing industry cluster by People's Government of Jiangmen City

Co-development with suppliers

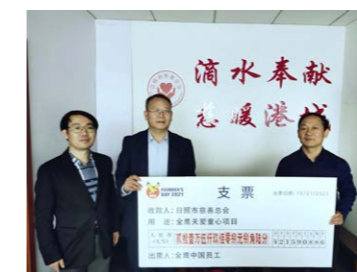
From 2020 to 2021, the Company continuously held supplier PK competitions to introduce the concept and method of lean management to local packing material suppliers and made special discussions with suppliers on problems to formulate improvement plans and improve the production management level of suppliers, receiving unanimous praise from suppliers.

Community Co-construction

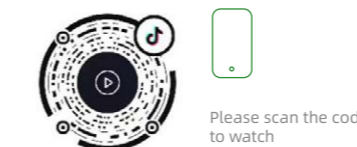
We firmly believe that the more you give, the more you have. The Company actively integrated into local communities and was committed to establishing a harmonious and symbiotic relationship with surrounding communities.



"3E" Concept of Community Development



Representatives of Asia Symbol (Shandong) Making Donations to Rizhao Charity Federation in 2021 RGE China Founder's Day



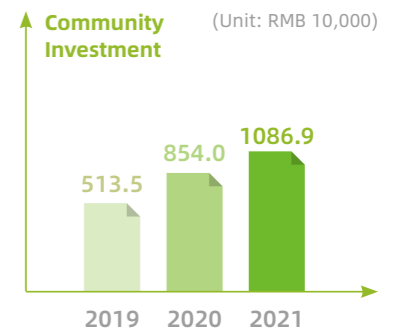
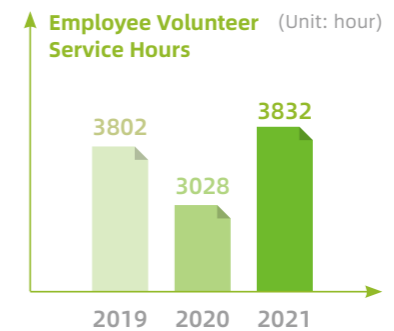
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2021 Founder's Day series activities of Asia Symbol (Guangdong)

Community Management

Adhering to the "3E" (education, empowerment and enhancement) concept of community development, the Company integrated social responsibility into the corporate gene, actively learned the ideas of the communities, conducted regular community visits, factory open days, symposiums and other activities to know the needs of the communities and formulated community development plans, contributing to a good neighbor relationship sharing common prosperity between the enterprise and the communities.

In 2021, Asia Symbol invested a total of RMB 10.869 million in the community and its employees contributed 3,832 hours of volunteer service, making 14,978 students and 50,777 community residents benefited from public welfare programs, and the society truly filled with the warmth and love of the enterprise. In 2021, Asia Symbol (Guangdong) Volunteer Association was rated as "2020 Excellent Public Welfare Partner" by Xinhui District Committee of the Communist Youth League and Xinhui District Volunteer Federation.



Asia Symbol (Shandong) has organized voluntary blood donation activities for 16 consecutive years, with more than 1500 employees for blood donation and more than 430,000ml of blood donated. It has been awarded the title of "Advanced Group of Voluntary Blood Donation in Rizhao" by six departments including Rizhao Health Committee and Rizhao Red Cross Society

Education

The Company has focused on fair education and given full play to the advantages of the enterprise to help children with weak status to establish self-confidence and grow up with dignity. At present, the Company's educational support projects have achieved full coverage from kindergartens, primary and secondary schools to universities.

Early childhood education development

Early education for infants and young children is crucial for future growth. To help more infants develop their potential and block the intergenerational transmission of poverty, the Company launched the "HOPE- early childhood education development in Shandong".

HOPE- early childhood education development in Shandong

In 2020, Asia Symbol (Shandong), together with Rizhao Economic Development Zone and Beijing Tanoto Foundation, jointly launched the "HOPE- early childhood education development in Shandong". More than RMB 2.7 million was to be invested for the project to provide 0 to 3-year-old infants with scientific childcare guidance services customized according to their age, to promote their comprehensive development in cognition, language, sports and social emotion through "one-to-one" courses, collective courses and theme courses and other forms. By the end of 2021, Asia Symbol (Shandong) has built and operated three early development activity centers, with a total of 15,139 classes held, benefiting more than 200 0-3-year-old babies and their families. Rizhao Education Bureau has included the project in the key points of work in 2020 and 2021.



Investigation by Belinda Tanoto, chairman of RGE (Royal Golden Eagle) China



To extend the influence of the project, Asia Symbol (Shandong) has established 11 "Head Start Reading Corners" around the plant area to help children aged 0-6 develop correct reading habits

Quality education

In support of the development of quality education and in combination with the weakness of education in local schools, the Company has given strong support in mental health education, after-school overtime service and other aspects for primary and secondary schools and achieved practical results.

Walk into the online live studio
1500 thousand people

"I am a Paper Maker Star" after-school overtime service

In order to enrich after-school services, the "I am a Paper Maker Star" project of Asia Symbol (Shandong) has become the first pilot project of after-school overtime services in Rizhao City. In 2021, the project was carried out 36 times, benefiting more than 1,500 students and cultivating 34 community volunteers. Zhang Hui, secretary of Rizhao Municipal Party Committee, Liu Jian, president of China Youth Daily, and Yang Liuxing, member of the Standing Committee of Rizhao Municipal Party Committee and minister of Publicity Department, inspected the project and spoke highly of it. The project "I am a Paper Maker Star" won many honors, such as "CSR CHINA Volunteer Special Award" of the CSR China Education Award, the "Shining Party Emblem" 100 Excellent Volunteer Service Projects in Rizhao City, and the "Best Public Participation Case" in 2020 of "Beautiful China, I am an actor" in Shandong Province.



"I am a Paper Maker Star" won the "CSR CHINA Volunteer Special Award"

Mental health education in schools of Rizhao

In recent years, the psychological health problems of students in primary and middle schools have aroused widespread concern of the society. Asia Symbol (Shandong) has taken the initiative to establish a linkage mechanism with the education system, introduced expert resources from the Chinese Academy of Sciences, and supported the establishment of a professional and diversified school psychological service system.

In 2021, in the Project, 55 teachers were trained for primary and secondary schools in Economic Development Zone, Rizhao, the textbook, School Mental Health Education, was introduced and a lot of activities were carried out such as parent training for entrance examinations for secondary school and college, community parent classes, online public welfare lectures and on-live interview, attracting nearly 10,000 people to participate in, and nearly 1.5 million people to the live streaming studios online. In addition, in order to promote the implementation of mental health education in Rizhao, a pilot project of the Project was carried out in two schools, with experts invited from the Chinese Academy of Sciences for on-site supervision, purchasing more than 1,000 books for teachers and students, and conducting psychological tests on students to ensure the effectiveness of the Project.

Li Zaiwu, mayor of Rizhao City; Feng Jikang, deputy director of Shandong Provincial Education Department; Liu Hanying, director of Rizhao Education Bureau and Li Li, deputy director of the Social Enterprise Bureau of the Development Zone, spoke highly of the Project.



Live interview of "how to deal with adolescence correctly"



Xiantang School mental health pilot course



Asia Symbol (Guangdong) supported the sandplay interpreter training course for primary and secondary schools in Xinhui District, and 119 psychology teachers from schools completed the training



The Dream Center of Xiandong School in Yamen Town, Xinhui, which was built by Asia Symbol with a donation of more than RMB 200,000, has built a high-quality learning platform for students



Zhang Hui, secretary of Rizhao Municipal Party Committee, inspected the project, "I am a Paper Maker Star"

“

Then vice mayor of Rizhao Municipal People's Government

Zhang Peilin :

HOPE- early childhood education development in Shandong has further broadened the objects of preschool education services, provided scientific early education guidance for rural parents in our city and met the needs of the people, acting as an important role in the modernization of education in our city.

”



^ In 2021, the Asia Symbol HOPE- early childhood education development won the "Golden Key • Honor Award"



^ HOPE- early childhood education development in Shandong was selected as "Responsibility Shining Over Shandong • 2021 Typical Cases of Public Welfare Projects in Shandong"

Vocational education

Giving full play to its technical and equipment advantages in the pulp and paper industry, and in combination with the actual situation of local schools, the Company expanded cooperation channels between schools and enterprises to train professionals for the industry, achieving a win-win situation among enterprises, schools and students.

with a total investment of more than RMB **14** million

nearly **300** students have completed their studies and been employed

RMB 5 million educational fund to support "Dream Realization"

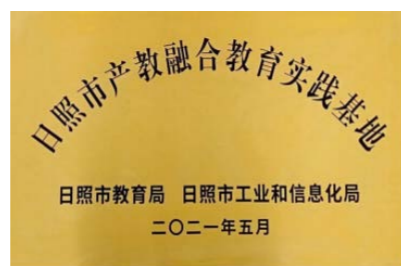
In October 2021, the Opening Ceremony for the Class of 2021 of Asia Symbol "Dream Realization" was held in Rizhao Polytechnic. Asia Symbol donated 2,380 mechanical and electrical books worth more than RMB 120,000 and 2 sets of training equipment originally worth more than RMB 1.2 million to the school and promised to continue to invest RMB 5 million as educational funds in the next five years to support students to learn professional knowledge and improve practical skills.

By 2021, the project has enrolled 441 students for 11 consecutive sessions, with a total investment of more than RMB 14 million. Nearly 300 students of eight sessions have completed their studies and been employed. In 2020, Asia Symbol became one of the first batch of industry-education integration enterprises in Shandong Province. In October of the same year, the "Dream Realization" was commended by the United Front Work Department of CPC Central Committee and became a typical case of targeted poverty alleviation of overseas Chinese, which was promoted nationwide.



Opening ceremony for the class of 2021

In 2021, Asia Symbol (Shandong) was awarded the "Rizhao Industry-education Integration Educational Practice Base".



Scholarship and assistantship

In support of creating high-quality education resources in the project site, the Company has helped community schools improve their education and teaching level at all respects, making more students benefited from the project.



Asia Symbol (Guangdong) subsidized RMB 1.215 million for community schools for the construction of school football fields, multimedia teaching platforms, and scholarship and teaching assistance for teachers and students



Asia Symbol (Shandong) has supported community schools to carry out scholarship and assistantship activities for 8 consecutive years



Asia Symbol (Guangdong) donated "Qing Pingguo" a special school magazine to township schools in Xinhui for 6 consecutive years



Asia Symbol (Guangdong) donated "Asia Symbol Qingpingguo Book House" to improve the comprehensive quality of rural students

Empowerment

Committed to improving the ability of community enterprises and residents, the Company carried out targeted projects in combination with the actual situation of the factory, so that more community residents can benefit from the project.

Support for rural revitalization

In active response to the national call for rural revitalization, the Company introduced social resources, improved the employability of local community residents, and created a model for rural revitalization.



Asia Symbol (Guangdong) funded Kengkou Village to improve the ecological environment, build an environmental education base and develop rural tourism

Rural intangible cultural heritage hand drawing

In order to solve the employment difficulties of women over 35 years old in Donghanjia Village, Asia Symbol (Shandong) has introduced the intangible cultural heritage hand drawing project in Donghanjia Village, built exhibition halls and training rooms, and purchased training materials. The project will provide hand-painted skills training for 100 village women, improve their employability, create employment opportunities and enrich the cultural life of the villagers.



Women representatives of Donghanjia Village experiencing intangible cultural heritage hand drawing



Then deputy director of the United Front Work Department of Rizhao Municipal Party Committee and director of Rizhao Office of Overseas Chinese Affair Liu Haicheng :

Asia Symbol has continuously deepened cooperation with colleges and universities. The school-running mode of directed training high-quality talents not only solves the financial burden for students with difficulties, but also arranges employment in advance, solving the later worries of students and their parents. This project is a project really beneficial to the people filled with love of overseas Chinese. It shows a sense of responsibility and mission of overseas Chinese ventures concerning education and contribution to society and has won high praise from all walks of life.



Enhancement of environmental awareness

With a focus on cultivating public awareness of environmental protection in daily study, work and life, the Company has carried out a range of activities.

nearly **500** thousand participants

"Asia Symbol Cup" environmental protection painting competition for children

In December 2021, the 14th "Asia Symbol Cup" environmental protection painting competition for children, organized by Asia Symbol (Shandong) and the Supplement Department of Rizhao Daily Newspaper Office, was successfully held. The project has been held for 14 consecutive sessions, with more than 300 schools of various types and nearly 500,000 people participating in the project. It is an environmental protection public welfare activity initiated by enterprises with the longest duration, the widest region of influence, the largest range of influence and the largest number of participants in Rizhao.



The opening ceremony of the 14th "Asia Symbol Cup" environmental protection painting competition for children

The teacher of Dacun Primary School, Donggang District, Rizhao City He Lili:

Thanks to Asia Symbol for providing such an activity platform for teachers and students, so that students can show themselves and integrate environmental protection concepts through divergent thinking, making their environmental protection awareness established at an early age.



Asia Symbol (Guangdong) held a "Harmonious Symbiosis" reproduction and releasing activity at the Company's wharf, and put 6,252 fish fry into the waters of Yinzhou Lake to protect the local ecological environment



Asia Symbol (Guangdong), together with Xinhui District Volunteer Federation, launched the 2021 Green and Environmental Protection Activity to popularize green life skills for citizens

Enhancement

With its insistence on sharing the development achievements of the enterprise with the community, the Company was concerned about vulnerable groups in the community, and made the villagers truly feel the warmth of the enterprise.

Community assistance

In active response to the government's call for "help and support for the poor", the Company took the initiative to meet the needs of the community, carried out activities such as Realization of "Little Wishes" of rural children, the elderly canteen, the Double Ninth Festival related activities, commendation of good family style in the villages, public welfare long-distance running in the communities, Positive Every Day, cared for the elderly, women, children and other vulnerable groups in the communities, shared the development achievements of the enterprise with the villagers and contributed the love of the enterprise.



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Asia Symbol (Shandong) subsidized three "Happiness Centers" to serve more than 150 elderly people aged 75 and above to enjoy a better life

Secretary of Donghaiyu Village Committee of Rizhao Economic Development Zone Guo Ming:

Guo Ming:

Asia Symbol has given great help to the development of the villages since its establishment, ranging from infrastructure construction to caring for poor families and the training on development ability of the villages. The Company has done a lot for us. We see all these in our eyes and keep that in mind. We bring some fruits and dumplings when the Spring Festival is coming, on behalf of all the villagers to thank Asia Symbol for its support and help.



Donghaiyu Village Party branch secretary presenting a silk banner to Asia Symbol (Shandong)



The "Asia Symbol Sha Lu Elderly Canteen" supported by Asia Symbol (Guangdong) was opened, where about 40 elderly people had free lunch and dinner



Wang Weiguo, deputy general manager of Asia Symbol (Shandong), and Li Runming, secretary of the Party Committee, visiting the poor residents in the community on the eve of the Spring Festival



Hung Chinglung, general manager of Asia Symbol (Guangdong), visiting the needy families in the community on the eve of the Mid-Autumn Festival

Disaster relief

In addition, the Company has formed a normalized community care and assistance mechanism, and paid visits to poor families in the community during holidays, so that families in need can feel the warmth of the enterprise.

At the beginning of 2020, novel coronavirus swept the world. While doing a good job in self-protection, the Company actively devoted its love, donated RMB 6 million in total, more than 1,300 tons of sodium hypochlorite

disinfection stock solution, 160,000 masks and RMB 100,000 of materials to the society, benefiting millions of people. (For more information, please refer to the topic of "Battle against COVID-19")



At the "Guangdong Poverty Alleviation Day" in 2021, Asia Symbol (Guangdong) was awarded the "Gold Award for Charitable Donations in Xinhui District"



RMB 6 million donated by Asia Symbol (Shandong) to support the control of COVID-19 in Wulian County

sodium hypochlorite disinfection stock solution more than **1300** tons

2022

Prospect

In 2022, a year of opportunities and challenges, Asia Symbol will continue to promote high-quality enterprise development, expand production capacity, optimize structure, improve enterprise development quality and serve local economic and social development by implementing the United Nations Sustainable Development Goals.

We will continue to lengthen the industrial chain, make efforts in technology research and development, innovation and creation and improvement of product added value to further improve production processes, give priority to the use of clean energy, and help local industries transform and upgrade.

We will continue to make solid progress in the construction of a green manufacturing system, take multiple measures at the same time, give play to the brand driving effect, continue to improve our capabilities in green low-carbon technology, equipment and industry, and strive to promote

the high-quality development of the enterprise on the fast track of green development.

We will create a good development space for employees, continue to strengthen their awareness of work safety, give play to the leading role of leading enterprises in industrial clusters, share the achievements of enterprise development with the community, and let the residents truly feel the warmth of the enterprise.

2022 marks the 55th anniversary of the founding of Singapore RGE (Royal Golden Eagle). As a member enterprise of RGE, Asia Symbol will adhere to the purpose of "developing sustainable resources and creating a better life", practice the core values of the enterprise and continue creation of value for the society to realize "creating value for the Community, Country, Climate, Customer and Company".

Third Party Assurance Statement



ASSURANCE STATEMENT

SGS-CSTC'S REPORT ON SUSTAINABILITY VERIFICATE IN THE SUSTAINABILITY REPORT OF ASIA SYMBOL'S CORPERATE SUSATINABILITY REPORT FOR 2020-2021

NATURE AND SCOPE OF THE ASSURANCE/VERIFICATION

SGS-CSTC was commissioned by the Asia Symbol (Shandong) Pulp and Paper Co., Ltd. and Asia Symbol (Guangdong) Paper Co., Ltd. (hereafter as "ASIA SYMBOL") to conduct an independent assurance of the Asia Symbol 2020-2021 Sustainability Report (hereafter as "the Report"). The scope of the assurance, based on the SGS Sustainability Report Assurance methodology, included the text, and data in accompanying tables, contained in of this report. We are online verified the data and the information which contained in the Report about the Asia Symbol (Shandong) Pulp and Paper Co., Ltd. (located at No.369, Beijing Road, Rizhao Economic Development Zone, Shandong Province, P.R., China), and the Asia Symbol (Guangdong) Paper Co., Ltd. (located at No.1, Ruifeng Industrial Park, Shalu village, Shuangshui Town, Xinhui District, Jiangmen City, Guangdong Province, P.R., China). The other affiliates were not included in this assurance process.

The information in the Report and its presentation are the responsibility of the directors and the management of ASIA SYMBOL. SGS is not involved in the preparation of any material for the Report.

Our responsibility is to express an opinion on the text, data, graphs and statements within the scope of verification with the intention to inform all ASIA SYMBOL's stakeholders, SGS didn't participate in preparing of this report.

SGS has developed a set of regulations for the verification of sustainability reports based on internationally recognized standards and guidelines, including the principles of accuracy and reliability of the Global Reporting Initiative Standards (GRI STANDARDS) and verification levels in the AA1000 standards listing.

This report has been assured at a moderate level of scrutiny using our protocols for:

- evaluation of content veracity;
- evaluation of the report against the GRI STANDARDS.

The assurance comprised a combination of pre-assurance research, online interviews with relevant employees from the Asia Symbol (Guangdong) Paper Co., Ltd. which located in the No.1, Ruifeng Industrial Park, Shalu village, Shuangshui Town, Xinhui District, Jiangmen City, Guangdong Province, P.R., China, and the Asia Symbol (Shandong) Pulp and Paper Co., Ltd. which located in the No.369, Beijing Road, Rizhao Economic Development Zone, Shandong Province, P.R., China.

The financial data and GHG data in the Report was independently audited by the other third parties and was not checked against the source data as part of this verification process.

STATEMENT OF INDEPENDENCE AND COMPETENCE

SGS is an internationally recognized body for inspection, appraisal, testing and certification, a recognized benchmark for quality and integrity, and has a global service network. SGS affirms that it is a completely independent organization from ASIA SYMBOL, and that there is no bias or conflict of interest against ASIA SYMBOL, its affiliates and stakeholders.

The verification team was assembled based on their knowledge, experience and qualifications for this assignment, and comprised of CSR lead assesor by SGS, CCAA registered ISO 9001, ISO 14001 and ISO 45001 auditor.

VERIFICATION/ ASSURANCE OPINION

Based on the above methodology and verification, the information and data contained in the Report is accurate and reliable, providing a fair and pertinent assessment on the sustainability activities of ASIA SYMBOL in 2020-2021.

The verification team believes that the Report can be used by the stakeholders for reporting organization.

SGS believes that the organization has selected an appropriate compliance option in the Report.

GRI STANDARDS CONCLUSIONS, FINDINGS AND RECOMMENDATIONS

SGS believes that the Report has met with all the requirements of the core option for GRI Standards on reporting content and principles.

Principles

Stakeholder Inclusiveness

ASIA SYMBOL had identified its stakeholders who affected by its activities and considered the reasonable expectations and interests from stakeholders, established channels and platforms for stakeholders' inclusiveness and took some certain ways to communicate and exchange information with stakeholders.

Sustainability Context

ASIA SYMBOL had presented the efforts on sustainability development related to economic, environmental and social aspects and combined the performance in the wide context as well.

Materiality

Based on the topics concerned by the stakeholders, ASIA SYMBOL had considered reasonably disclosing issues and indicators with materiality, which substantively influencing the assessments and decisions of stakeholders, to reflect the organization's significant economic, environmental and social impacts.

Completeness

The Report included coverage of material aspects and boundaries, to reflect significant economic, environmental and social impacts and enable stakeholders to assess the organization's performance in the reporting period.

Balance

The Report followed the balance principle and truthfully disclosed the positive and the non-positive information.

Comparability

ASIA SYMBOL had disclosed performance indicators in 2020-2021, some key indicators were compared in recent three years, which could help stakeholders to understand and compare the improved performance year by year.

Accuracy

ASIA SYMBOL's information in the Report was accurate, enable to release more qualitative and quantitative information with indicators for stakeholders.

Timeliness

This is the fifth sustainability report released by ASIA SYMBOL from 2020 to 2021.

Clarity

The Report was presented different ways with words, charts, graphics and pictures, also described with actual cases to ensure the stakeholders understanding easily.

Reliability

ASIA SYMBOL had initially established a management process for the sustainability report, the information and data in the Report were collected, recorded and analysed in a timely manner. The disclosed information and data were authentic and reliable.

Management Approach

The Report had disclosed the management approach of identified material topics.

General Disclosures

The general disclosures were presented in accordance with the core option of GRI Standards.

Topic-Specific Disclosures

ASIA SYMBOL's topic-specific disclosures related to the material topics in economic, environmental, and social areas were in accordance with the core option of GRI Standards.

Findings and recommendations

Good practices and recommendations for sustainability report and management process were described in our internal management report which has been submitted to the management of ASIA SYMBOL for continuous improvement.

Limitations of assurance

Affected by the COVID-19 prevention, the verification team did not make an onsite visit, and online traced the information which disclosed in the Report.

Signed:

On behalf of SGS-CSTC Standards Technical Services Co., Ltd.
 A-16/F Century Yuhui Mansion, No.73 Fucheng Road, Haidian District, Beijing, China
 June 17th, 2022
WWW.SGS.COM

GRI Standard Content Index

GRI Standard	Disclosure No. and Content	Page	Remarks and Reasons for Omission
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GRI101: Foundation 2016	101 Foundation	01	
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Organizational Profile			
GRI102: General Disclosures 2016	102-1 Name of the organization	10	
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	102-3 Location of headquarters	11	
	102-4 Location of operations	10-11	
	102-5 Ownership and legal form	10	
	102-6 Markets served	10	
	102-7 Scale of the organization	10	
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	102-9 Supply chain	60	
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	102-12 External initiatives	22	
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GRI102: General Disclosures 2016	102-52 Reporting cycle	01	
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GRI203: Indirect Economic Impacts 2016	203-1 Infrastructure investments and services supported	07,61-67	
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GRI103: 管理方法 2016		15	
GRI205: Anti-corruption 2016	205-1 Operations assessed for risks related to corruption	15	
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GRI403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	55	
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GRI405: Diversity and Equal Opportunity 2016	405-1 Diversity of governance bodies and employees	21,52-53	
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GRI406: Anti-discrimination 2016	406-1 Incidents of discrimination and corrective actions taken	52-53	No discrimination incidents
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GRI407: Freedom of Association and Collective Bargaining 2016	407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	52-53	
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WeChat Official
Account



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