



# 2024 Annual Sustainability Report

Guangdong Great River Smarter Logistics Co., Ltd.



Stock Code | 002930  
Bond Code | 128121

# Report Information Statement

This is the 6th Sustainability/Environmental, Social and Governance (ESG)/Corporate Social Responsibility report published by Guangdong Great River Smarter Logistics Co., Ltd. (hereinafter referred to as "Great River Smarter Logistics," "the Company," or "we"). This report articulates the Company's sustainability philosophy and policies, as well as our efforts in environmental protection, social responsibility, and corporate governance throughout 2024, addressing the expectations and concerns of our stakeholders.

## Time Frame

This report covers the period from January 1, 2024, to December 31, 2024. For continuity of information, certain contents have been retrospectively reviewed or extended. All information included is derived from the Company's internal data and publicly available materials.

## Scope of the Report

The organizational scope of this report encompasses all business operations of Guangdong Great River Smarter Logistics Co., Ltd. and its subsidiaries, consistent with the scope disclosed in the Company's annual report.

## Data Statement

All data and case studies presented in this report are sourced from official company documents and statistical reports, and have undergone internal verification.

The operational data disclosed herein is derived from the "Guangdong Great River Smarter Logistics 2024 Annual Report" (hereinafter referred to as the "Annual Report"). In case of any discrepancies, the Annual Report shall prevail. Unless otherwise specified, all monetary amounts in this report are denominated in RMB.



## Reference Guidelines

This report has been prepared with reference to the following ESG disclosure standards:

The Global Sustainability Standards Board (GSSB)'s "GRI Universal Standards (2021 version)" in accordance option

The Shenzhen Stock Exchange's "Shenzhen Stock Exchange Listed Companies Self-Regulatory Guidelines No. 17 -

- Sustainability Report (Trial)" and "Shenzhen Stock Exchange Listed Companies Self-Regulatory Guide No. 3 -

- Sustainability Report Preparation"

The Task Force on Climate-related Financial Disclosures (TCFD)'s "Recommendations of the Task Force on Climate-related Financial Disclosures"

The United Nations 17 Sustainable Development Goals (SDGs)

## Format

This report is published in both Chinese and English electronic document formats on the CNINFO website ([www.cninfo.com.cn](http://www.cninfo.com.cn)).

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# 1

## About This Report

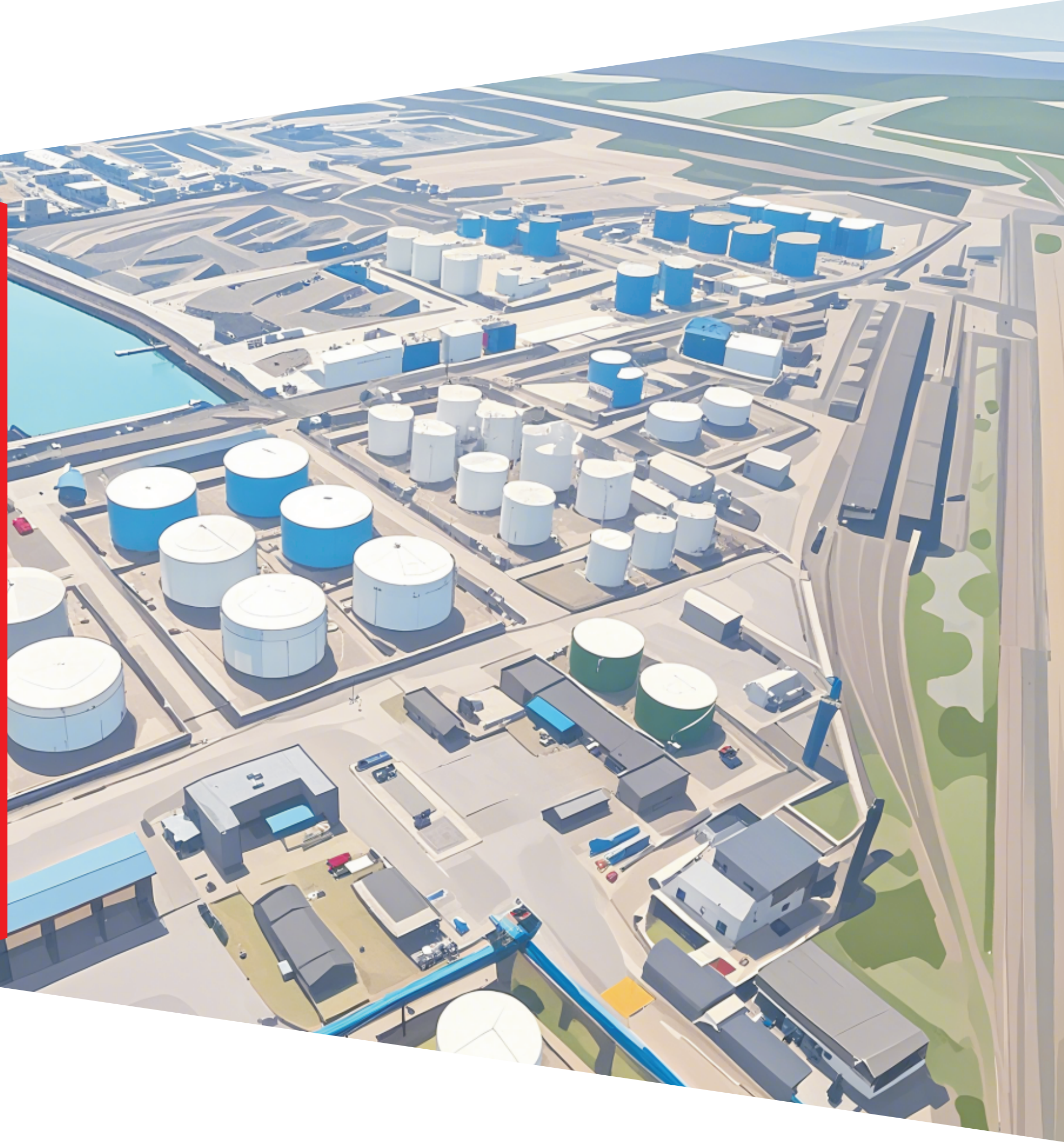
**Chairman's Message**

**Company Profile**

Development History, Business Layout,  
and Service Portfolio

Corporate Culture

Corporate Honors





# Chairman's Message



Chairman, Great River Smarter Logistics: 林海川

As days and months pass, the seasons change. The year 2024 was both a crucial year for China's "14th Five-Year Plan" and a year of overcoming challenges, expanding against headwinds, and boldly reforming for Great River Smarter Logistics. This year, facing complex and severe situations with increasing external pressures and internal difficulties, Great River Smarter Logistics initiated a top-down enterprise transformation around our core philosophy of being "customer-centric." Through the collective efforts of all GR team members, we have delivered high-quality, sustainable results and drawn up a forward-looking, long-term blueprint.

**Unceasing Endeavors, Creating New Development Opportunities**

In 2024, the domestic chemical storage industry faced unprecedented challenges. Affected by multiple factors including global economic fluctuations, energy structure transformation, and shrinking domestic demand for chemical raw materials, the industry as a whole experienced slowing growth and intensified competition. Great River Smarter Logistics, through its dual-driven development model of "external acquisition and internal growth," achieved continuous expansion in scale, demonstrating strong resilience. storage project formerly under the global industry leader Royal Vopak, establishing a solid foundation for our global development strategy. Currently, our newly constructed chemical warehouse projects in Chengdu and Nantong have been completed and put into operation, making powerful strides toward Great River Smarter Logistics' second growth curve.

At present, Great River Smarter Logistics operates 14 terminals and 1,044 storage tanks with a total capacity exceeding 5 million cubic meters. We have 115,300 square meters of chemical warehouses in operation and 43,700 square meters under construction.

**Moving Forward, Practicing ESG Principles**

Great River Smarter Logistics has always maintained "creating comprehensive value for society" as one of our important corporate missions. Through our Strategy and Sustainable Development Committee, we have deeply

embedded ESG principles into our corporate culture, integrating them into every aspect of daily operations and management. We continuously improve our ESG management mechanisms and establish clear ESG management objectives, striving to enhance our ESG management standards while ensuring business objectives are met, actively responding to stakeholder expectations, and safeguarding the company's sustainable development.

Over the past year, with HSE as our foundation, we implemented an integrated HSE management system covering health, safety, and environment, successfully achieving our goal of zero major safety, environmental, and health incidents. We continued to increase investment in safety and environmental protection technology, exploring zero-carbon storage facilities and green storage and transportation technologies, achieving significant results in energy conservation and emission reduction. In 2024, the company invested 66.7411 million yuan in safety and environmental protection.

Over the past year, we conducted various charitable activities through multiple platforms such as the Haoshang Public Welfare Fund, 620 GR Charity Day (20th June), Great River Spark Volunteer Team, and the Employee Mutual Aid Fund, joining forces with various social sectors. In 2024, the company invested 1.4517 million yuan in charitable causes, mainly for rural revitalization, education and elderly support, military support, and community building. In addition, the company's Employee Mutual Aid Fund directly assisted 9 employees in difficulty throughout the year, distributing 176,500 yuan in hardship allowances.

**Unwavering Commitment, Charting a Blueprint for Transformation**

Move swiftly with the wind, advance steadily against it. In the ever-changing tides of business, beyond passion, wisdom and perseverance are required. 2025 will be a crucial year for Great River Smarter Logistics to comprehensively advance our transformation projects. Through four major transformation initiatives in strategy, team, process, and performance, we are committed to building a systematic and scientific operational management system to promote the comprehensive enhancement and continuous evolution of Great River's organizational capabilities, injecting strong momentum into the company's future development.

We are promoting strategic management transformation, comprehensively identifying market opportunities and formulating clear development strategies. For the next three years, Great River Smarter Logistics will remain customer-centric, focusing on the strategy of "deepening domestic presence, developing overseas markets," continuously improving quality and efficiency.

We are promoting management team transformation, helping the enterprise transition from individual wisdom to collective decision-making. By establishing the Executive Management Team (EMT) and implementing a rotating president system, we are building standardized decision-making processes, multi-dimensional evaluation systems, and dynamic calibration mechanisms to achieve systematic decision-making and efficient team collaboration.

Process system transformation is a key step in improving our operational efficiency. We will establish an end-to-end process system centered on customers and solidify it through information technology. This will not only optimize internal collaboration but also enable us to respond quickly to customer needs, creating greater value for them.

Performance incentive transformation is our core initiative to unleash the potential of all employees. We will establish an all-employee incentive mechanism to implement our core value of "valuing contributors," motivating every Great River team member to strive for our common goals.

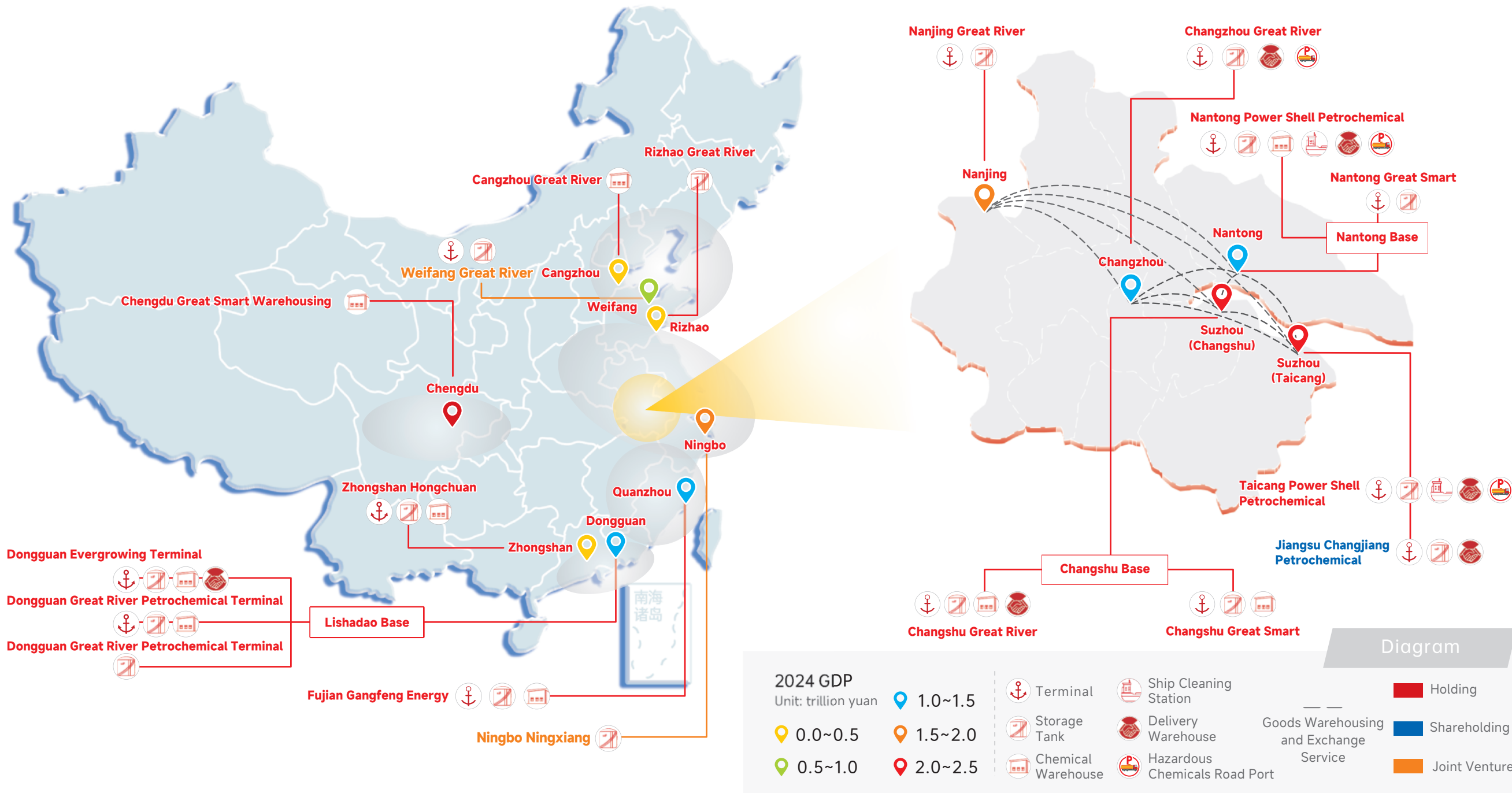
A thousand sails race with the waves, a hundred boats compete to be first. In the future, guided by our new vision to "become a globally leading energy and chemical storage and logistics service provider," we will steadfastly advance our globalization strategy, deepen our presence in domestic markets, expand into overseas markets, and comprehensively enhance our core competitiveness and sustainable development capabilities. We firmly believe that through the joint efforts of all Great River team members, Great River Smarter Logistics will forge ahead steadily on the path of sustainable development.

# Company Profile



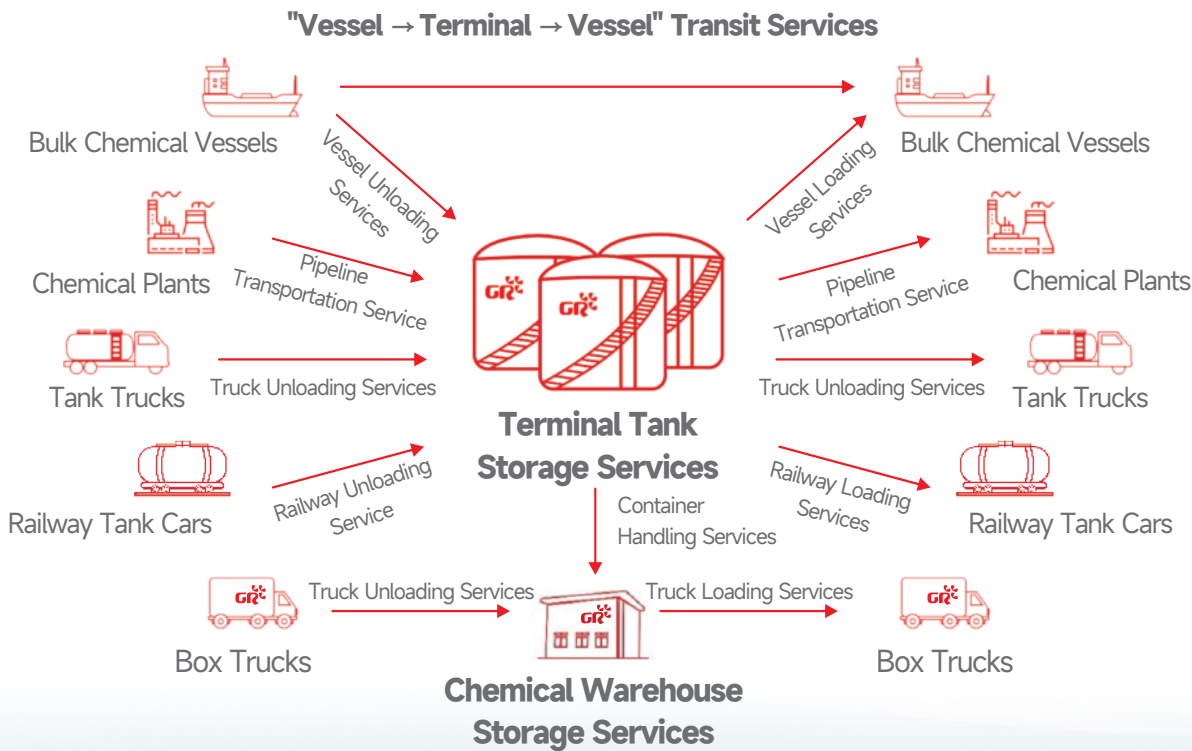
## Development History, Business Layout, and Service Portfolio

- Headquartered in Dongguan, Guangdong Province
- Was initially listed on the Shenzhen Stock Exchange through an IPO of A-shares on March 28, 2018 (Great River Smarter Logistics, 002930)
- Total tank capacity: **5.1869** million cubic meters    Number of storage facilities: **18**
- Total warehouse capacity: **115,300** square meters    Number of terminals: **14**
- Total land area: Over **6,000** acres    Number of storage tanks: **1,044**







# Service Portfolio



## Specialized Services



Smart Customer Services



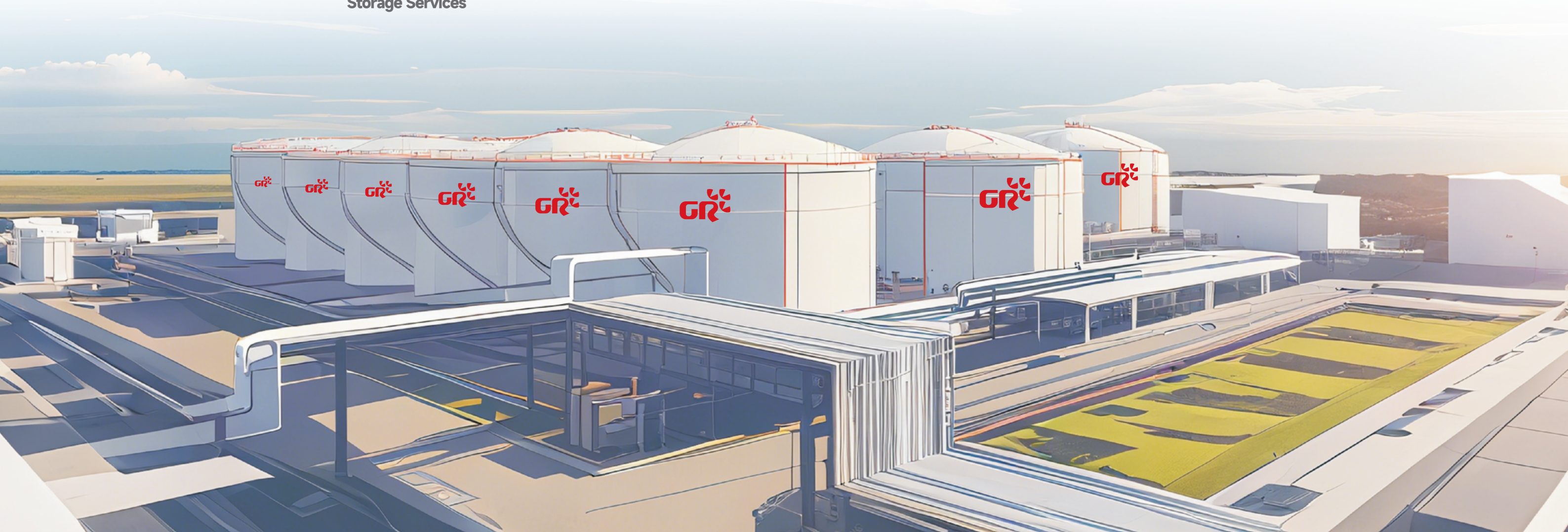
Tank Washing and Wastewater Treatment Services



Universal Commodity Deposit and Withdrawal Services



Hazardous Chemical Vehicle Highway Port Services





# Corporate Culture

Mission

Provide quality services to customers  
Build development platforms for employees  
Create comprehensive value for society  
Generate substantial returns for shareholders

Vision

To become a globally leading energy  
and chemical storage and logistics service provider

Core Values

Customer-centric  
contributor-oriented  
committed to long-term principles  
continuous self-transformation  
HSE as foundation

Three Growth Curves

Current Core Business  
Domestic terminal and tank storage operations  
Future Growth Business  
Overseas terminal and tank storage operations, and integrated domestic chemical warehouse storage and distribution business  
Emerging Business  
New energy, green chemical product storage operations, and other new businesses

## Employee Focus

People-oriented, ensuring health, safety, and environmental protection

HSE Culture

"100% Gratitude" program for filial piety to parents  
"Family Journey" program for family care  
"Employee Mutual Aid Fund" for colleagues in need

Family-Care Culture

Satisfied employees provide satisfactory service to customers  
Employee satisfaction  
Department satisfaction  
Customer satisfaction

Satisfaction Culture

Leading enterprises  
Leading team and management  
Leading talent and concepts  
Leading benefits

Leading Culture

Supervisors to subordinates: More praise, more encouragement  
Subordinates to supervisors: More suggestions, more discussions to resolve problems

Communication Culture

Internal complementary assistance and mutual progress  
External coordinated development and one-stop service

Collaboration Culture

Employee-centric



# Corporate Honors

## Government/Public Organization Awards

<p>Nantong Power Shell Terminal</p> <p><b>Advanced Unit in Source Management</b></p> <p>Nantong Ecological Environment Bureau</p>	<p>Nantong Power Shell Terminal</p> <p><b>Advanced Unit for High-Quality Development Services 2023</b></p> <p>Rugao Transportation Bureau</p>	<p>Nantong Power Shell Terminal</p> <p><b>Advanced Collective in Safety (Emergency) Work 2023</b></p> <p>Rugao Transportation Bureau</p>	<p>Nantong Power Shell Terminal</p> <p><b>Jiangsu Province Workers Pioneer Award</b></p> <p>Jiangsu Federation of Trade Unions</p>	<p>Nantong Power Shell Terminal</p> <p><b>Advanced Unit for High-Quality Development 2024</b></p> <p>CPC Rugao Changjiang Town Committee; Rugao Changjiang Town People's Government Rugao Changjiang Town People's Government</p>
<p>Changzhou GR Terminal</p> <p><b>Innovation Breakthrough Award 2023</b></p> <p>Jiangsu Changzhou Binjiang Economic Development Zone Management Committee</p>	<p>Changzhou GR Terminal</p> <p><b>Special Contribution Award for Tax Payment 2023</b></p> <p>Jiangsu Changzhou Binjiang Economic Development Zone Management Committee</p>	<p>Changzhou GR Terminal</p> <p><b>Four-Star Enterprise 2023</b></p> <p>CPC Changzhou Committee and Changzhou People's Government</p>	<p>Changzhou GR Terminal</p> <p><b>Top Ten Modern Service Industry Enterprise 2023</b></p> <p>CPC Changzhou National High-Tech Industrial Development Zone Working Committee and Management Committee</p>	<p>Changzhou GR Terminal</p> <p><b>Safety and Environmental Protection Dual Excellence Demonstration Enterprise 2023</b></p> <p>Jiangsu Changzhou Binjiang Economic Development Zone Management Committee</p>
<p>Changzhou GR Terminal</p> <p><b>"Shengrui Work Method" Benchmark Demonstration Enterprise (Second Batch)</b></p> <p>Jiangsu Changzhou Binjiang Economic Development Zone Management Committee</p>	<p>Changzhou GR Terminal</p> <p><b>"Hand in Hand for Smart Enterprise Development" Caring Enterprise 2023-2024</b></p> <p>Jiangsu Changzhou Binjiang Economic Development Zone Management Committee</p>	<p>Nantong Hongzhi DG WH</p> <p><b>Advanced Unit for High-Quality Development Services 2023</b></p> <p>Rugao Transportation Bureau</p>	<p>Taicang Power Shell Terminal</p> <p><b>Advanced Party Organization for Port District Grassroots Party Member Winter Training 2022-2023</b></p> <p>CPC Taicang Port Economic and Technological Development Zone Working Committee</p>	<p>Taicang Power Shell Terminal</p> <p><b>Taicang City Civilized Unit 2020-2022</b></p> <p>CPC Taicang City Committee Taicang City People's Government</p>
<p>Taicang Power Shell Terminal</p> <p><b>Top Ten Advanced Service Industry Enterprise 2023</b></p> <p>Taicang Port Economic and Technological Development Zone Management Committee</p>	<p>Taicang Power Shell Terminal</p> <p><b>Taicang City Service Industry High-Quality Development Contribution Award 2023</b></p> <p>CPC Taicang City Committee Taicang City People's Government</p>	<p>Taicang Power Shell Terminal</p> <p><b>Suzhou City AAAA-Level Labor Protection Credit Unit 2021-2022</b></p> <p>Suzhou Human Resources and Social Security Bureau/ Suzhou Social Credit System Construction Leadership Group Office</p>	<p>Taicang Power Shell Terminal</p> <p><b>Suzhou Port Advanced Labor Union Organization</b></p> <p>Suzhou Port Management Committee Office</p>	<p>Taicang Power Shell Terminal</p> <p><b>GRHaoshang Public Welfare Fund - Outstanding Charity Fund</b></p> <p>Taicang Civil Affairs Bureau Taicang Charity Federation</p>
<p>Taicang Power Shell Terminal</p> <p><b>Workers Pioneer Award (HSE)</b></p> <p>Jiangsu Federation of Trade Unions</p>	<p>Dongguan Evergrowing Terminal</p> <p><b>Healthy Enterprise</b></p> <p>Dongguan Shatian Town Health Bureau</p>	<p>Changshu GR Terminal</p> <p><b>Service Industry Pioneer Award 2023</b></p> <p>CPC Changshu Economic and Technological Development Zone Working Committee/Management Committee</p>	<p>Changshu GR Terminal</p> <p><b>Changshu City Environmental Management Excellence Enterprise for Full-Process Standardized Construction 2023</b></p> <p>Suzhou Changshu Ecological Environment Bureau</p>	<p>Changshu Hongzhi Terminal</p> <p><b>Advanced Unit for Border Inspection Integrity Management</b></p> <p>Changshu Entry-Exit Border Inspection Station</p>

Fujian Gangfeng Energy

**Outstanding Tax Contribution Award 2023**

CPC Jingfeng Town Committee/Jingfeng Town People's Government

Fujian Gangfeng Energy

**Major Taxpayer (2.8-5 million yuan) 2023**

Hui'an County People's Government

Fujian Gangfeng Energy

**Quanzhou City Five-Star Safety Production Enterprise**

Fujian Meizhou Bay Port Development Center

Fujian Gangfeng Energy

**Advanced Collective for Educational Donations**

CPC Jingfeng Town Committee  
Jingfeng Town People's Government

Fujian Gangfeng Energy

**Implementation of All-Employee Responsibility System to Create Standardized Demonstration Enterprise**

Quanzhou Safety Production Committee Office

Industry Association Awards

Great River Smarter Logistics

**Best Practice Case for Sustainable Development**

China Association for Public Companies

Great River Smarter Logistics

**Typical Practice Case for Board of Directors**

China Association for Public Companies

Great River Smarter Logistics

**High-Quality Development Enterprises**

Dongguan Listed Companies Association

Great River Smarter Logistics

**Best ESG Practices Enterprises**

Dongguan Listed Companies Association

Great River Smarter Logistics

**Outstanding Contribution Award**

Dongguan Listed Companies Association

Great River Smarter Logistics

**2023-2024 Chemical Logistics TOP Enterprise - Storage Service Enterprise**

China Federation of Logistics and Purchasing

Great River Smarter Logistics

**2024 China Chemical Logistics Industry "Social Responsibility Contribution Enterprise"**

China Federation of Logistics and Purchasing

Nantong Power Shell Terminal

**Quality Cooperation Unit for Creating Benchmarking Chemical Storage Enterprises**

China Occupational Safety and Health Association

Great River Smarter Logistics

**Ten-Year Dedication Award of Taicang Logistics and Supply Chain Management Association**

Taicang Logistics and Supply Chain Management Association

Dongguan Evergrowing Terminal

**Guangdong Province Clean Production Enterprise Evaluation Certificate**

Guangdong Clean Production Association

Zhongshan GR Terminal

**Zhongshan City Meteorological Disaster Prevention Demonstration Unit**

Zhongshan Lightning Disaster Prevention and Mitigation Association

Changshu GR Terminal

**2024 China Chemical Logistics Industry Safety Management Enterprise**

China Federation of Logistics and Purchasing

Cangzhou GR DG WH

**2024 Chemical Storage and Transportation Safety Management Innovation Enterprise**

China Transportation Association

Media Awards

Great River Smarter Logistics

**Excellent Example of Value Growth**

Public Securities News

Great River Smarter Logistics

**Outstanding Board of Directors**

"Board of Directors" Magazine

Great River Smarter Logistics

**Investor Relations Pegasus Award**

Great River Smarter Logistics

Great River Smarter Logistics

**Most Popular Listed Company**

WWW.0033.CN

Great River Smarter Logistics

**Annual ESG Best Practice Enterprise**

China.com.cn





# Sustainable Development (ESG) Management

**ESG Management Framework and Functions**

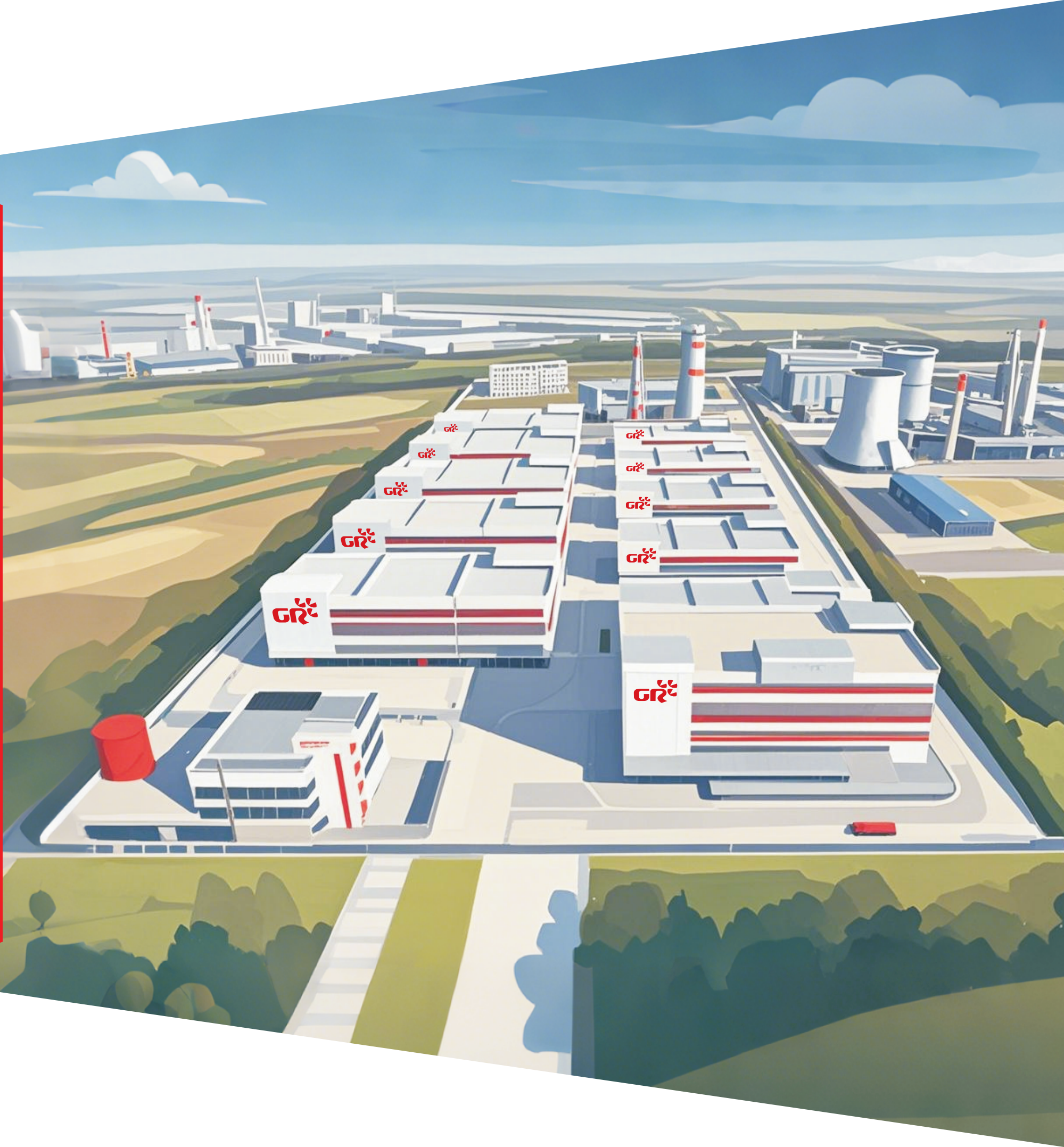
ESG Management Framework and Functions

**Materiality Assessment Process**

**Stakeholder Communication**

**Materiality Assessment Conclusions**

**ESG Management Strategy and SDGs Response**





# ESG Management Framework



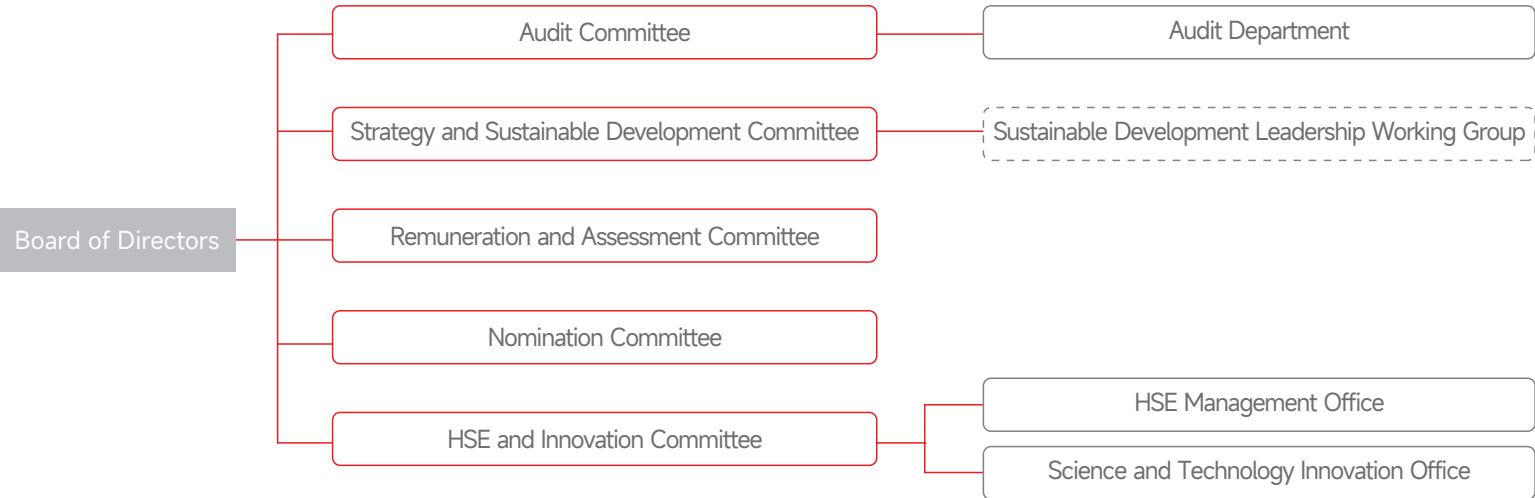
## ESG Management Framework and Functions

### ESG Governance System

The company is guided by its core mission: to deliver exceptional service to customers, foster employee growth and development, generate holistic value for society, and maximize shareholder returns. The company has strategically integrated ESG principles into its corporate strategy, continuously refining its ESG governance framework with clearly defined objectives. While driving business performance, the company remains committed to enhancing its sustainability practices, addressing stakeholder expectations, and creating enduring societal value—all of which support its trajectory of sustainable, high-quality growth.

### ESG Management Structure

The company has implemented a robust ESG management system with active oversight to ensure long-term sustainability. The Board's Strategy and Sustainable Development Committee provides governance and accountability for sustainability matters, supported by a dedicated Sustainable Development Leadership Working Group that drives the implementation of ESG initiatives across the organization.



### ESG Report Project Kick-off and Training Conference

To further integrate sustainability principles and enhance the company's environmental, social, and governance (ESG) management capabilities, Great River Smarter Logistics held its 2024 ESG Report Project Launch and Training Conference. The Chairman of Great River Smarter Logistics, Lin Haichuan, along with management personnel from various departments, attended the conference.



Chairman Lin emphasized that as a leading private petrochemical storage enterprise, Great River Smarter Logistics consistently integrates ESG principles into every aspect of its business operations and development. Through concrete actions, the company fulfills its social responsibility for sustainable development while striving to achieve a win-win outcome between economic returns and social benefits. Chairman Lin further stressed that Great River Smarter Logistics must focus on exploring and establishing an ESG disclosure framework that meets international standards, comprehensively demonstrating to shareholders, investors, and the public the company's unwavering efforts and firm commitments in the ESG. In addition, Great River Smarter Logistics invited experts to provide training on global ESG ecosystem trends, the impact of ESG on business operations and capital markets, and practical ESG management implementation.



# Materiality Assessment Process



Double materiality analysis serves as a core principle guiding the company's annual ESG reporting, long-term ESG strategic goal setting, and stakeholder communications. Great River Smarter Logistics evaluates ESG topics from both financial materiality and impact materiality perspectives, analyzing how these issues affect the company's business model, operations, development strategy, and other core sustainability areas. The company assesses the potential financial impact of each topic in the short, medium, and long term, while also considering how the company's performance on these issues influences the external environment and society. In 2024, Great River Smarter Logistics further identified and disclosed financially or impactfully material topics by considering industry characteristics, development stage, business model, and value chain position. The company established its ESG topic list through international standard benchmarking, referencing the "Shenzhen Stock Exchange Listed Companies Self-Regulatory Guidelines No. 17—Sustainability Report (Trial)," "Shenzhen Stock Exchange Listed Companies Self-Regulatory Guide No. 3—Sustainability Report Preparation (Draft for Comments)," UN Sustainable Development Goals (SDGs), GRI Universal Standards 2021, ISO 26000, SASB topics, and other sustainability-related standards, as well as ESG rating frameworks from MSCI, CDP, CSI, Wind, and other ESG rating service providers. Additionally, the company identified and consolidated applicable general and industry-specific topics by referencing macro and industry-specific policies in operating locations and materiality topic prioritization approaches of peer companies.

## Company Value Chain Analysis

Great River Smarter Logistics analyzed ESG risks across its own operations and throughout its upstream and downstream value chain in the storage and logistics sector. Considering industry characteristics, national technological development trends, and global low-carbon transition, the company analyzed risks that could impact future performance, revenue, and production costs. The company also conducted due diligence with stakeholders including shareholders and investors, customers, government and regulatory bodies, employees, suppliers, and business partners.

## Topic List Development

We referenced international and domestic sustainability standards to establish a list of **26** ESG topics including **8** environmental topics, **13** social topics, and **5** sustainable governance topics.

## Topic Materiality Assessment and Confirmation

For impact materiality, Great River Smarter Logistics applied the FMEA (Failure Mode and Effects Analysis) three-element model, quantitatively evaluating impacts across four dimensions: scale, scope, irremediability, and likelihood. These were aggregated using a multiplicative approach to calculate a Risk Priority Number (RPN).

## For financial materiality

we introduced temporal dimensions of short, medium, and long-term, applying weighted scoring to financial impacts across different timeframes to derive a comprehensive financial materiality score.

## Topic Reporting






Great River Smarter Logistics constructed a materiality analysis matrix based on assessment results, prioritizing topics by materiality. For high-materiality topics, the report provides detailed disclosure. The company established thresholds for topics and prioritized them accordingly, ensuring resources are concentrated on the most critical ESG issues, effectively driving the company's sustainable development.



# Stakeholder Communication



Great River Smarter Logistics identifies shareholders/investors, customers, suppliers, employees, government/regulatory agencies, communities, and the environment as key stakeholders in its corporate social responsibility framework. Different business departments are responsible for communicating with various stakeholders and conveying their concerns and expectations within the company. To achieve sustainable development, Great River Smarter Logistics has defined these groups as its primary stakeholder categories in accordance with the AA1000 SES Stakeholder Engagement Standard.

Stakeholder Categories	Communication Channels and Frequency	Focus Areas	Company Responses
 Shareholders Investors	<ul style="list-style-type: none"><li>Investor hotline</li><li>Email newsletter</li><li>Shareholders meetings</li><li>Earnings release meeting</li><li>Investor relations website update</li><li>Interim announcements</li></ul>	<ul style="list-style-type: none"><li>Corporate governance</li><li>Climate change response</li><li>Data security and customer privacy protection</li><li>Energy utilization</li><li>Supply chain security</li></ul>	<ul style="list-style-type: none"><li>Strengthened Board oversight</li><li>Advanced carbon neutrality goals</li><li>Enhanced data protection encryption</li><li>Optimized energy structure</li><li>Improved supply chain resilience</li><li>Increased financial transparency</li></ul>
 Customers	<ul style="list-style-type: none"><li>Conference call</li><li>Email correspondence</li><li>Customer visits</li><li>Online chat</li><li>Annual meetings</li><li>Customer feedback surveys</li></ul>	<ul style="list-style-type: none"><li>Climate change response</li><li>Corporate governance</li><li>Product and service safety and quality</li><li>Employee matters</li><li>Data security and customer privacy protection</li><li>Stakeholder communication</li></ul>	<ul style="list-style-type: none"><li>Reduced carbon emissions</li><li>Improved governance structure</li><li>Enhanced product safety</li><li>Optimized employee benefits</li><li>Strengthened data protection</li><li>Increased communication transparency</li></ul>
 Suppliers	<ul style="list-style-type: none"><li>Email correspondence</li><li>Conference call</li><li>Site visits</li><li>Supplier conferences</li><li>Instant messaging</li><li>Business review meetings</li></ul>	<ul style="list-style-type: none"><li>Climate change response</li><li>Waste management</li><li>Green operations</li><li>Energy utilization</li><li>Environmental compliance management</li><li>Circular economy</li></ul>	<ul style="list-style-type: none"><li>Established clear emission reduction targets</li><li>Implemented classified recycling</li><li>Operated energy-efficient systems</li><li>Prioritized renewable energy</li><li>Conducted rigorous environmental audits</li><li>Promoted resource recycling</li></ul>
 Employees	<ul style="list-style-type: none"><li>Internal emails</li><li>Enterprise WeChat</li><li>Townhall meetings</li><li>Training sessions</li><li>Performance evaluations</li><li>Emergency meetings</li></ul>	<ul style="list-style-type: none"><li>Employee rights and benefits</li><li>Corporate governance</li><li>Data security and customer privacy protection</li><li>Environmental compliance management</li><li>Supply chain security</li><li>Occupational health and safety</li></ul>	<ul style="list-style-type: none"><li>Implemented employee development programs</li><li>Maintained transparent governance structure</li><li>Reinforced privacy protection encryption</li><li>Upheld environmental operational standards</li><li>Enhanced supply chain transparency</li><li>Provided health and safety training</li></ul>
 Government and Regulatory Authorities	<ul style="list-style-type: none"><li>Articles of AssociationPolicy feedback meetings</li><li>Regulatory compliance reviews</li><li>Emergency notifications</li><li>Regular regulatory communications</li><li>Industry seminars</li></ul>	<ul style="list-style-type: none"><li>Climate change response</li><li>Corporate governance</li><li>Product and service safety and quality</li><li>Data security and customer privacy protection</li><li>Employee</li><li>Environmental compliance management</li></ul>	<ul style="list-style-type: none"><li>Reducing carbon emissions</li><li>Enhancing Board functionality</li><li>Improving product safety</li><li>Strengthening data encryption</li><li>Optimizing employee benefits</li><li>Reinforcing environmental monitoring</li></ul>
 Community and Environment	<ul style="list-style-type: none"><li>Community meetings</li><li>Environmental reports</li><li>Online forums</li><li>Open days</li><li>Newsletters</li><li>Emergency notifications</li></ul>	<ul style="list-style-type: none"><li>Climate change response</li><li>Waste management</li><li>Green operations</li><li>Environmental compliance management</li><li>Water resource utilization</li><li>Ecosystem and biodiversity protection</li></ul>	<ul style="list-style-type: none"><li>Reducing carbon emissions</li><li>Promoting recycling</li><li>Implementing green office practices</li><li>Strengthening compliance reviews</li><li>Optimizing water efficiency</li><li>Preserving biodiversity</li></ul>

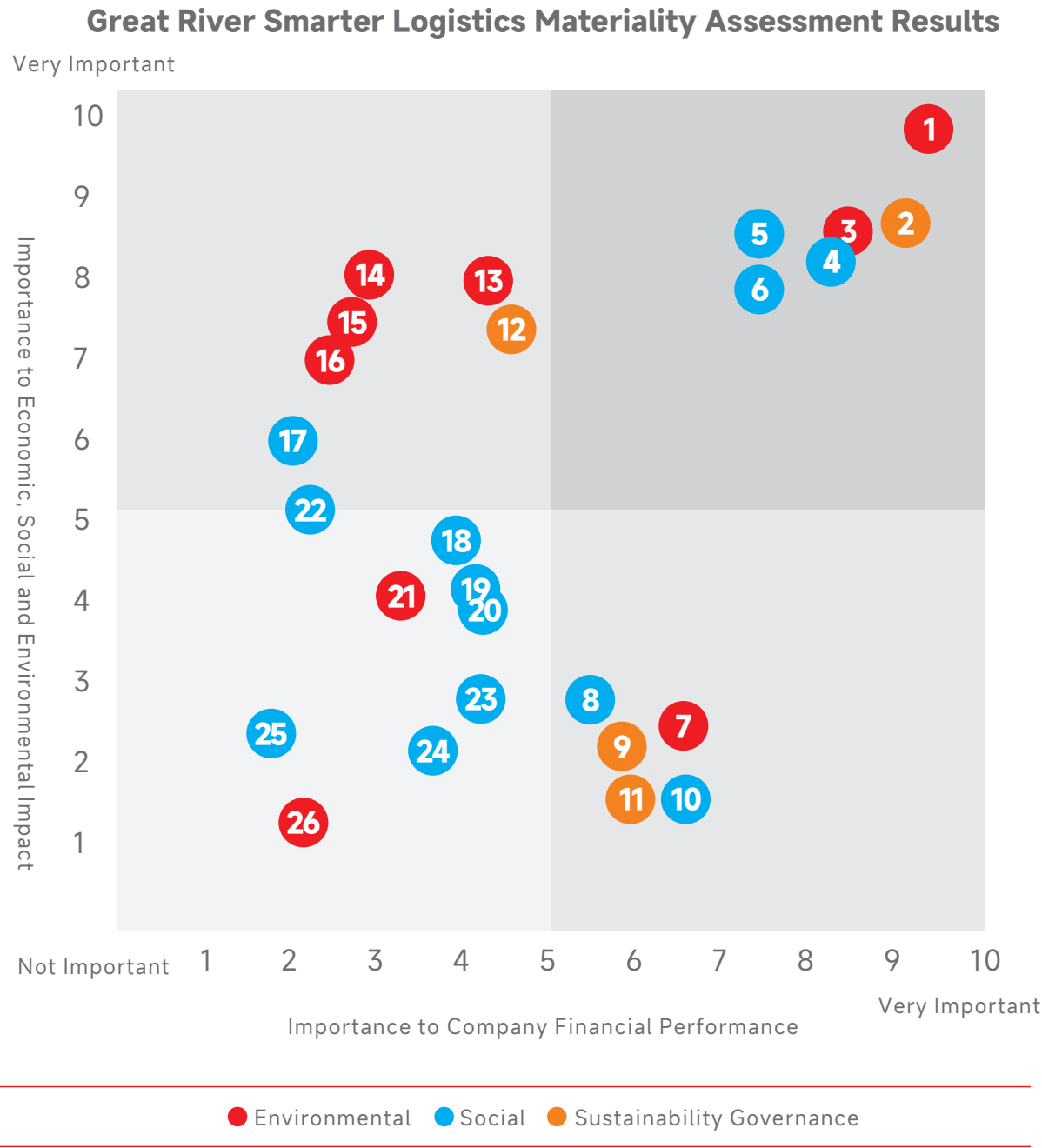


# Materiality Assessment Conclusions



In 2024, Great River Smarter Logistics continued to identify sustainable development topics and conduct materiality assessments and screening. The report provides corresponding disclosures and responses regarding the management and practical performance of the 26 identified topics. The material topics in 2024 have not changed significantly compared to 2023, with relevant adjustments primarily reflecting industry development trends.

The key material topics for Great River Smarter Logistics include climate change response, corporate governance, waste management, product and service safety and quality, employee matters, and supply chain security.



Quadrant	Overall Ranking	Material Topic	Category
Core Topics	1	Climate Change Response	Environmental
	2	Corporate Governance	Sustainable Development Governance
	3	Waste Management	Environmental
	4	Product and Service Safety and Quality	Social
	5	Employee Matters	Social
	6	Supply Chain Security	Social
Financial Materiality Topics	7	Green Operations	Environmental
	8	Innovation-Driven Development	Social
	9	Due Diligence	Sustainable Development Governance
	10	Data Security and Customer Privacy Protection	Social
	11	Stakeholder Communication	Sustainable Development Governance
	12	Anti-Commercial Bribery and Anti-Corruption	Sustainable Development Governance
Impact Materiality Topics	13	Energy Utilization	Environmental
	14	Environmental Compliance Management	Environmental
	15	Water Resource Utilization	Environmental
	16	Anti-Unfair Competition	Sustainable Development Governance
	17	Customer Service and Rights Protection	Social
	18	Social Contribution	Social
General Topics	19	Employment Promotion	Social
	20	Freight Efficiency and Quality	Social
	21	Circular Economy	Environmental
	22	National Strategy Response	Social
	23	Equal Treatment of SMEs	Social
	24	Technology Ethics	Social
	25	Rural Revitalization	Social
	26	Ecosystem and Biodiversity Conservation	Environmental

# ESG Management Strategy and SDGs Response



Positioning	Strategic Direction	Mid-term Action Objectives	2024 Progress
Corporate Governance	Enhance comprehensive sustainable development	Steadily increase management diversity, gradually raising the proportion of female managers to <b>20%</b>	Female executives represent <b>20%</b> of leadership; independent directors account for <b>42.85%</b>
		Improve the company's ESG management system, build a multi-tier structure, and link ESG management objectives to executive KPIs	Under the guidance of the Board's Strategy and Sustainable Development Committee, continuously deepened the implementation of ESG principles in company operations, formulated sustainable development management policies and objectives, and linked ESG management targets with executive KPIs
	Establish integrity and compliance business culture	Enhance financial materiality topic disclosure framework and explore quantitative analysis models	Completed qualitative disclosure of the financial impact dimension for double materiality topics
		Maintain <b>100%</b> coverage of business ethics training for employees Maintain <b>100%</b> signing rate of "Anti-corruption Commitment" by employees	146 employees received anti-corruption training, accounting for <b>8.48%</b> of total employees <b>100%</b> of employees signed the "Anti-corruption Commitment"
		Communicate company anti-corruption policies and procedures to all business partners	Anti-corruption policies and procedures were communicated to <b>100%</b> of business partners
	Strengthen disclosure transparency and investor returns	Enhance communication with investors, develop sound dividend and buyback strategies, focus on market capitalization management	Held <b>4</b> earnings release meetings Conducted <b>29</b> reverse roadshows (visited 60 institutional investors) Hosted investor research meetings: <b>32</b> online & <b>42</b> offline Disclosed <b>35</b> investor relations activity records Responded <b>12</b> times on the exchange's investor communication platform Received <b>18</b> broker research recommendations Company consecutively reviewed "Three-Year (2019-2021) Shareholder Return Plan" and "Three-Year (2022-2024) Shareholder Return Plan," fully considering and listening to shareholders, especially public investors and independent directors, improving profit distribution decision-making and supervision mechanisms, providing reasonable investment returns
		Strengthen information disclosure and communication in corporate sustainability	Published <b>4</b> periodic reports <b>240</b> interim announcements Published ESG reports and quantitative performance statistics for <b>6</b> consecutive years
Products and Services		Steadily improve mainstream ESG ratings	Wind ESG rating of AA
	Integrate green concepts deeply into core business	Develop green storage and transportation services	Implemented pollution control and improvement projects across storage facilities; in 2024, reduced VOCs by <b>485.35</b> tons, COD by <b>230.87</b> tons, and ammonia nitrogen by <b>0.167667</b> tons
		Build smart warehouse management platform	Continuously strengthened the company's digital intelligence capabilities, optimized multiple functions of the five major information platforms for smart warehouse management, and improved operational efficiency
	Strengthen quality management systems and customer service	Continuously increase quality management system certification coverage	The company and its major subsidiaries obtained ISO9001 quality management system certification
		Continuously improve customer satisfaction	In 2024, terminal tank storage customer satisfaction reached <b>97.15%</b> , chemical warehouse customer satisfaction reached <b>98.13%</b> customer complaint resolution rate was <b>100%</b> , with <b>0</b> major customer complaints for the year
	Continuously strengthen R&D and innovation capabilities	Increase investment in scientific research and innovation  Explore AI empowerment and introduce domestic open-source models	In 2024, annual R&D investment totaled <b>51.6062</b> million yuan, with <b>259</b> R&D personnel, and 17 patent applications  In 2024, the company explored applications of large language models in chemical warehouse logistics industry scenarios such as hazardous chemical safety management and supply chain visualization, empowering business intelligence and digital upgrades to enhance operational capabilities and customer service satisfaction



Positioning	Strategic Direction	Mid-term Action Objectives	2024 Progress
Climate and Environmental Protection	Improve sustainable low-carbon development goals	Continuously enhance and optimize environmental management systems	In 2024, no environmental pollution incidents occurred; the company completed ISO14001 environmental management system certification and obtained 3 green port certifications
		Explore carbon reduction mechanisms in response to the national "dual carbon" strategy	Conducted climate risk identification, established a climate change risk and opportunity inventory, and formulated corresponding response measures; gradually implemented carbon verification work, with plans to progressively advance carbon target setting in 2025
		Systematically promote clean energy transition	In 2024, the company employed distributed photovoltaic technology to strengthen local consumption of renewable energy, generating 244,008 kWh of green electricity
	Improve resource utilization	Continuously optimize energy management systems	In 2024, cumulative electricity consumption was reduced by 1.7251 million kWh, a year-on-year decrease of 4.74%
		Continuously optimize water resource management systems	In 2024, Great River Smarter Logistics consumed a total of 478,900 tons of tap water, reducing water consumption by 32,100 tons, a year-on-year decrease of 6.28%; reclaimed water utilization reached 21,751.00 tons for the year
Talent Development and Care	Safeguard health and employee development	Maintain 100% labor contract signing rate and 100% social insurance coverage	In 2024, labor contract signing rate for all formal employees was 100%, with 100% social insurance coverage
		No major human rights violations; build a diverse, inclusive, and equal workplace environment	No major human rights violations were identified; continued to advance scientific and reasonable salary adjustment processes, improved promotion systems and mechanisms, and enhanced the diversified benefits system
		Continuously improve safety production management system	The company completed ISO45001 occupational health and safety management system certification; in 2024, there were zero work-related fatalities among employees, suppliers, and contractors; conducted 607 safety training sessions (203 drills + 404 safety education trainings)
		Maintain 100% occupational disease examination coverage for active employees	In 2024, occupational disease examination coverage for active employees was 100%, with an occupational disease incidence rate of 0%
Industry Cooperation & Social Responsibility	Promote green development across the industry chain	Maintain industry-leading employee training coverage and duration	Continuously optimized the "e-Learning" online learning platform of GR Management Academy; in 2024, vocational training investment amounted to 3.0641 million yuan, with 100% employee training coverage and 36 hours of training per person on average
		100% of new suppliers were evaluated using ESG dimensions; continuously enhanced the influence of ESG assessments in existing supplier evaluations	Promoted continuous improvement of supplier partners' ESG performance, conducted annual comprehensive evaluations, with 100% of suppliers signing business integrity clauses
	Promote community prosperity	Continuously increase investment in community development and public welfare	In 2024, the company's charitable donations totaled 1.4517 million yuan; approximately 423 employees participated in public welfare/volunteer activities, contributing approximately 14,164.69 hours of volunteer service





# 3 Corporate Governance

## **Corporate Governance and Sound Management**

Corporate Governance Structure

Board of Directors

Standardized Remuneration Management

Investor Rights Protection

Enhancing Performance Capability

## **Business Ethics**

Anti-Corruption

## **Whistleblower Protection**

Anti-Unfair Competition

## **Risk Control and Compliance Management**

Risk Control

Related Party Transaction Management

Data Security and Privacy Protection

Tax Compliance

Intellectual Property Protection



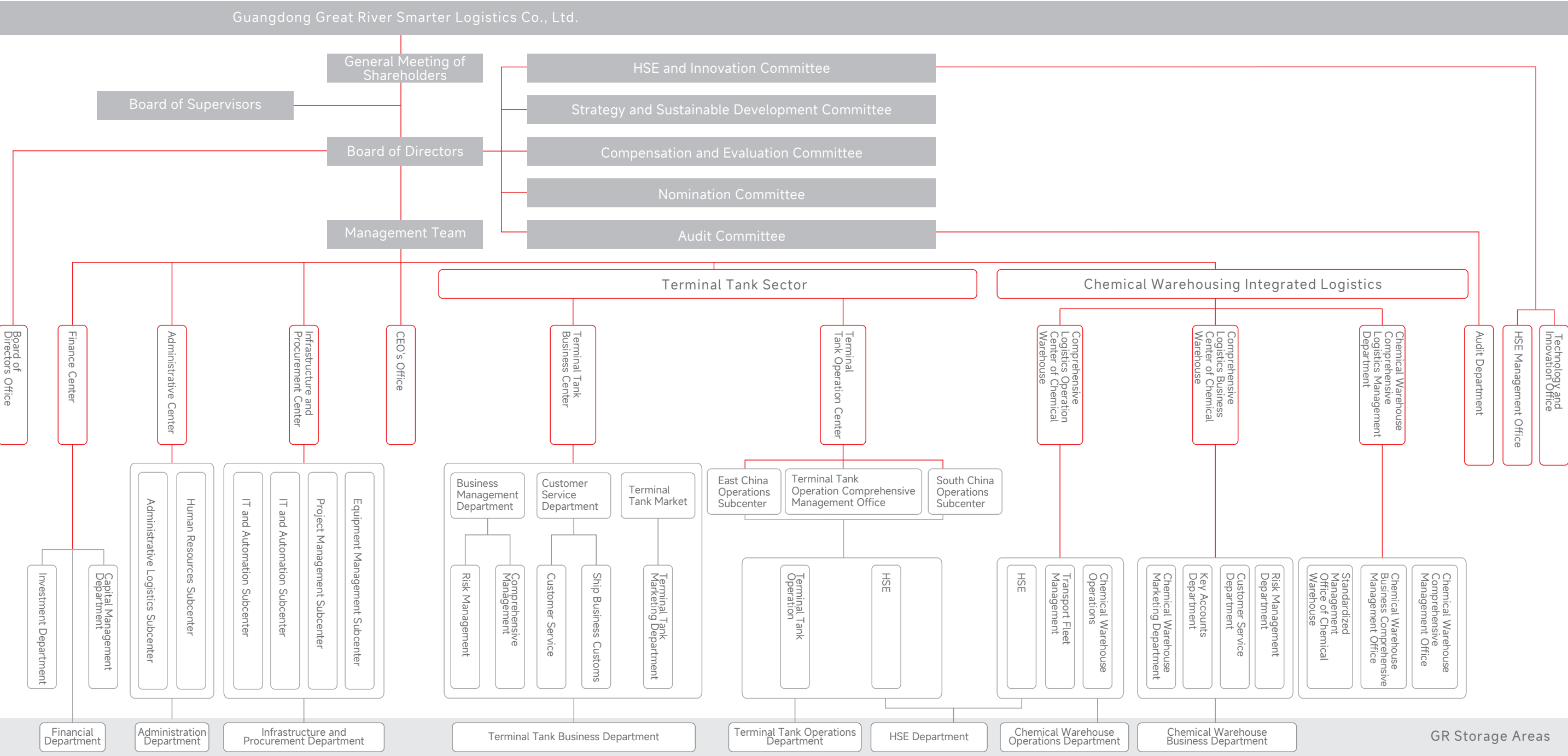


# Corporate Governance and Stable Operation

## Corporate Governance Structure

### Corporate Governance Structure

Great River Smarter Logistics considers sound corporate governance as a cornerstone for achieving sustainable development. The company is dedicated to establishing a scientific, efficient, and transparent governance framework. It strictly adheres to the Company Law and Securities Law of the People's Republic of China, among other legal requirements. The organization continuously enhances its foundational governance documents, including its articles of association and procedural rules for General Meeting of Shareholders, Board of Directors, and Board of Supervisors. Through these efforts, the company has developed a governance structure characterized by clearly defined responsibilities, effective checks and balances, and coordinated operations.



## Institutional Framework Development

The company places strong emphasis on institutional development, consistently regarding the refinement of its regulatory framework as an essential safeguard for enhancing management capabilities, mitigating operational risks, and achieving sustainable development. During the reporting period, the company formulated/revised several key documents including the Articles of Association, Independent Director Working System, Working Rules for the Board's Audit Committee, Working Rules for the Board's Strategy and Sustainable Development Committee, and Working Rules for the President, forming a scientific, systematic, comprehensive, and efficiently operating institutional framework that provides solid support for the company's high-quality development.

### Articles of Association

Articles of Association
Rules of Procedure for the General Meeting of Shareholders
Rules of Procedure for the Board of Directors
Rules of Procedure for the Board of Supervisors
Working Rules for the HSE &Innovation Committee of the Board of Directors
Working Rules for the Nomination Committee of the Board of Directors
Working Rules for the Remuneration and Evaluation Committee of the Board of Directors
Working Rules for the Audit Committee of the Board of Directors
Working Rules for the Strategy and Sustainable Development Committee of the Board of Directors
Independent Director Working System
Working Rules for the President
Working System for the Secretary of the Board of Directors
Remuneration Management System for Directors,Supervisors and Senior Management
Management System for Shareholdings and Changes in Shareholdings of Directors, Supervisors and Senior Management
Rules for Meetings of Convertible Corporate Bond Holders

### Directors and the Board of Directors

The company currently has 7 directors, including 3 independent directors who are professionals in accounting, industry operations, and investment, constituting more than one-third of the total board membership. The size and composition of the Board of Directors comply with legal requirements and the Articles of Association. The Board of Directors has established five committees: the Audit Committee, the Remuneration and Evaluation Committee, the Strategy and Sustainable Development Committee, the HSE & Innovation Committee, and the Nomination Committee, further enhancing the company's governance structure. During the reporting period: The company held 14 Board of Directors meetings, reviewing 74 proposals.

### Board Diversity

**Professional Background Diversity:** Members of the company's Board of Directors possess diverse educational backgrounds, professional experience, and academic achievements in fields such as petrochemical industry, finance, accounting, law, and human resources.

**Compositional Diversity:** The Board of Directors consists of 7 members, including 3 independent directors, representing 43% of the board. The directors span multiple age groups, including individuals in their 40s, 50s, 60s, and 70s. Currently, the Board does not include any female members.

**Organizational Background Diversity:** Board members come from various organizations including academic institutions, industry associations, and investment firms. This organizational diversity ensures that members possess the necessary professional knowledge, industry experience, and decision-making capabilities required to fulfill their duties. The diverse industry experiences of board members enhance the scientific rigor and comprehensiveness of decision-making.

**Geographic Diversity:** Board members represent a wide geographic distribution, with directors based in North China, East China, and South China regions. This geographic diversity ensures that members can represent the company's operations across all major markets, thereby strengthening the Board's strategic insight.

## Board of Directors

### Operation of Three Key Governance Bodies

#### Shareholders and General Meeting of Shareholders

The General Meeting of Shareholders, comprising all shareholders, is the company's highest authority. Great River Smarter Logistics strictly adheres to the requirements stipulated in the Securities Law, Company Law, and other relevant laws, regulations, normative documents, as well as the Articles of Association and Rules of Procedure for the General Meeting of Shareholders. We standardize procedures for convening, conducting, and voting at shareholders' meetings, treat all investors equally, and ensure that shareholders—especially minority shareholders—can fully exercise their rights and have their interests effectively protected. During the reporting period, the company conducted all shareholders' meetings in accordance with the Articles of Association and the Rules of Procedure for the General Meeting of Shareholders, with legal counsel present to witness the proceedings. During the reporting period: The company held 6 General Meetings of Shareholders, reviewing 25 proposals.





Supervisors and the Board of Supervisors

The Board of Supervisors currently consists of 3 supervisors, including 1 employee representative supervisor. The size and composition of the Board of Supervisors comply with legal requirements and the Articles of Association.

During the reporting period, the Board of Supervisors strictly followed the Articles of Association and the Rules of Procedure for the Board of Supervisors when convening and conducting supervisory board meetings. All supervisors, with a responsible attitude toward shareholders, diligently fulfilled their duties by effectively monitoring and providing opinions on major company matters, financial conditions, related party transactions, and the performance of directors and senior management, thereby safeguarding the legitimate interests of the company and its shareholders.

During the reporting period: The company held 12 Board of Supervisors meetings, reviewing 42 proposals.

Reelection of the Board of Directors and Board of Supervisors

On July 4, 2024, the company convened the Third Extraordinary General Meeting of Shareholders of 2024, the First Meeting of the Fourth Board of Directors, the First Meeting of the Fourth Board of Supervisors, and the Employee Representative Assembly, completing the reelection of the company's Fourth Board of Directors and Board of Supervisors.

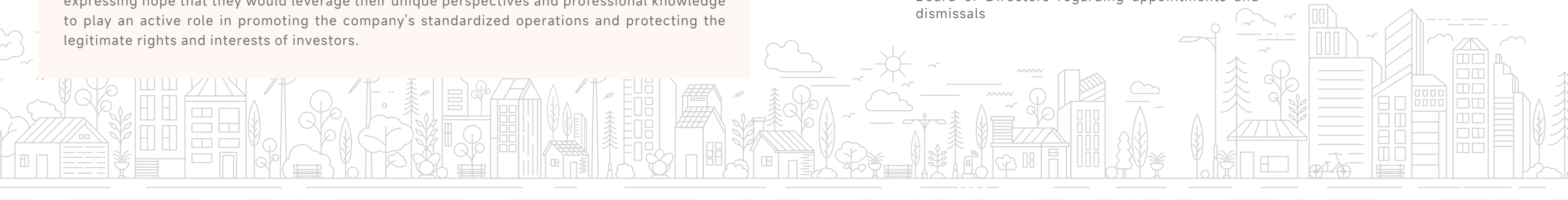


Mr. Lin Haichuan, Chairman of Great River Smarter Logistics, on behalf of all colleagues, expressed sincere gratitude to the independent directors of the Third Board of Directors whose terms had expired, thanking them for fulfilling their duties during their tenure with a high sense of responsibility, mission, and passion. During the First Meeting of the Fourth Board of Directors, Chairman Lin Haichuan welcomed the newly appointed independent directors, expressing hope that they would leverage their unique perspectives and professional knowledge to play an active role in promoting the company's standardized operations and protecting the legitimate rights and interests of investors.

Specialized Committees

The Board of Directors has established five specialized committees: the Audit Committee, the Remuneration and Evaluation Committee, the Strategy and Sustainable Development Committee, the HSE & Innovation Committee, and the Nomination Committee. Each specialized committee performs its specific duties, with members diligently fulfilling their responsibilities, ensuring that all decisions are made scientifically, democratically, and in accordance with legal requirements.

Committee Name	Responsibilities	Number of Members	Number of Independent Directors	Number of Meetings Held During the Year	Number of Proposals Reviewed
Audit Committee	Responsible for communication, supervision, and verification of the company's internal and external audits, and review of the company's financial information and its disclosure	3	2	6	21
Remuneration and Evaluation Committee	Responsible for formulating remuneration standards and plans for the company's directors and senior management; reviewing the performance of directors and senior management and conducting annual assessments; supervising the implementation of the company's remuneration system	3	2	5	9
Strategy and Sustainable Development Committee	Responsible for researching and providing recommendations on the company's long-term development strategy, major investment decisions, and sustainable development risks and opportunities	3	0	1	1
HSE & Innovation Committee	Responsible for researching and providing guidance on the company's long-term planning, annual plans, and phased plans for HSE and innovation	4	0	4	4
Nomination Committee	Responsible for researching and recommending selection criteria, qualifications, and assessment procedures for candidates for the company's directors and senior management positions; extensively searching for qualified candidates for the company's directors and senior management positions, and making recommendations to the Board of Directors regarding appointments and dismissals	3	2	4	10



Management Team

Management Team Composition

As of the date of this report, the company has 5 senior management personnel.

Rotating President System

As the company's operations have expanded year after year, it has consistently worked to enhance its corporate governance structure. These improvements aim to strengthen the organization's capacity for democratic, scientific, and efficient decision-making processes. To enhance executive decision-making effectiveness, ensure successful implementation of corporate strategies, and safeguard high-quality sustainable development, the company has actively innovated its management approach by implementing a rotating presidency system. The rotating president bears responsibility for the company's overall operations and management, serving as the highest authority for both business operations and crisis management. Additionally, the company addresses critical operational matters through Executive Management Team (EMT) meetings, where important business issues are studied, resolved, and planned. This approach leverages internal information sharing and collective decision-making mechanisms to enhance the quality of strategic decisions.



Protection of Minority Investors

Improving Governance Structure

The company ensures that independent directors constitute a significant proportion of the Board of Directors to balance the interests of all parties. Special meetings for independent directors are convened periodically for major issues to ensure company operations comply with legal regulations and industry standards. The Board's Audit Committee, Remuneration Committee, and Nomination Committee are all led by independent directors, ensuring the independence and fairness of decision-making. Board members regularly participate in training to ensure they stay current with the latest industry trends, legal regulations, and governance practices, enhancing their professional knowledge and decision-making capabilities.



Optimizing Voting Mechanisms

**Online Voting:** The company has implemented an online voting platform that enables minority shareholders to participate in the General Meeting of Shareholders remotely. This initiative significantly increases their engagement in corporate governance processes. Throughout 2024, investor participation in the General Meeting of Shareholders consistently exceeded 50%. **Classified Voting:** The company employs a classified voting mechanism for significant matters such as related-party transactions and equity incentive plans. This approach ensures that the voting rights of minority shareholders are fully respected and protected. **Cumulative Voting:** The company actively implements a cumulative voting system for board member elections. This practice strengthens the voice of minority shareholders and promotes board diversity, creating a more equitable and transparent governance environment.

Establishing Communication Channels

**The company has established a dedicated investor relations department.** In 2024, the department answered 95 investor calls with a 100% response rate, and regularly checked investor emails. On the Shenzhen Stock Exchange Interactive Platform, the company responded to 12 investor questions with a 100% response rate. The company participated in the "Online Collective Investor Reception Day" organized by Guangdong Securities Regulatory Bureau and Guangdong Listed Companies Association, engaging in text-based interactive communication with investors and responding to 10 investor questions. The company also held earnings conference calls for the 2023 Annual Report and the 2024 Q1, Half-Year, and Q3 Reports (hosted on Panorama Network), responding to a total of 64 real-time questions during the interactive sessions.



# Standardized Remuneration Management

The company has established fair and transparent performance evaluation standards and incentive mechanisms for its directors, supervisors, and senior executives. The appointment process for senior management positions is conducted with openness and transparency, strictly adhering to relevant legal and regulatory requirements. Non-independent directors, supervisors, and senior executives of the company receive compensation based on their positions and responsibilities. The specific annual base salary standards and performance-based compensation allocations are determined through comprehensive evaluations conducted by the board's Remuneration and Evaluation Committee. For independent directors serving in the company, allowance standards are proposed by the Board of Directors and approved by the General Meeting of Shareholders. For supervisors serving in the company, allowance standards are proposed by the Board of Supervisors and approved by the General Meeting of Shareholders.

During the reporting period, the company strictly adhered to established decision-making procedures for compensation, ensuring timely payment to directors, supervisors, and senior executives. Non-independent directors, supervisors, and senior management received monthly base salary payments according to their positions and responsibilities, while performance-based compensation was distributed based on evaluation cycles. Allowances for independent directors and supervisors are disbursed on a monthly basis.

# Investor Rights Protection

## Annual Dividends/Share Repurchase

The company places high importance on shareholder returns and strictly implements profit distribution plans in accordance with the Company Law, the Articles of Association, relevant profit distribution policies, and review procedures. The dividend standards and proportions are clear and explicit, with comprehensive decision-making procedures and mechanisms in place. The company's profit distribution plan aims to maximize shareholder value as its core objective, ensuring that shareholders can share in the company's development results. Meanwhile, profit distribution balances short-term returns with long-term development, ensuring that while rewarding shareholders, the company retains sufficient funds for future investments and operations.

In 2024, the company implemented two profit distributions and one share repurchase, involving a total amount of RMB 195.3935 million. In the future, the company will continue to optimize its profit distribution policy to ensure fairness, transparency, and sustainability, creating greater value for shareholders.

## Information Disclosure

During the reporting period, the company's board of directors fulfilled its information disclosure obligations in a truthful, accurate, complete, and timely manner. This was done in accordance with the Company Law, Securities Law, Shenzhen Stock Exchange Listing Rules, Shenzhen Stock Exchange Self-Regulatory Guidance No. 1 for Listed Companies on the Main Board, as well as the company's Information Disclosure Management System and Board Secretary Working System. These efforts ensured investors remained promptly informed of significant corporate developments, thereby maximizing the protection of investor interests.

### During the reporting period:

The company disclosed 240 announcements and intermediary agency documents  
The number of announcements issued by the company ranked 64th among all A-share listed companies and 21st among companies listed on the Shenzhen Main Board

### Since IPO:

The company has made 0 corrections to annual reports



## Investor Relations Management

The company has established the Investor Relations Management System and the Investor Complaint Handling System, conscientiously implementing regulatory requirements for investor protection and attaching great importance to investor relations management. The company maintains open lines of communication with investors through various channels, including a dedicated investor relations hotline, email correspondence, the Interactive Platform, and the corporate website. These resources allow investors to stay informed about the company's operational performance, investment strategies, and other key developments. The company selects media outlets that meet the requirements for securities market information disclosure and CNINFO (<http://www.cninfo.com.cn>) as its information disclosure media, ensuring that all company shareholders have equal access to information.

### 2024 Highlights:

Investor meetings and research exchanges:  
30 sessions


Total investor participants:  
85 person-times

Investor relations activity disclosure reports:  
35



# Enhancing Performance Capability

The company has established Rules of Procedure for the Board of Directors that detail protocols for meeting notifications, convening sessions, conducting proceedings, and voting procedures. These comprehensive guidelines ensure all proposals undergo compliant and efficient review by the board. Additionally, the company has adopted a systematic approach by thoroughly reviewing past practices, streamlining workflows, and implementing a rational, well-structured schedule for board meetings. To address the geographical differences of directors, the company has implemented a hybrid voting system that combines in-person and remote participation options. Concurrently, an electronic signature platform for meeting documents has been deployed, reducing paperwork and enhancing decision-making efficiency.

 In 2024, all directors of the company diligently fulfilled their duties, with a **100%** attendance rate at board meetings.

Throughout 2024, the Board of Directors reviewed a range of strategic matters including the 2024 Stock Option Incentive Plan, adjustments to convertible bond conversion prices, share repurchase initiatives, periodic financial disclosures, the ESG report, annual and third-quarter dividend distributions, and external guarantees. These comprehensive governance efforts have elevated the company's management practices to new heights.

# Business Ethics



# Anti-Corruption

Multiple Anti-corruption Measures as A Synergy to Safeguard High-quality Corporate Development



Great River Smarter Logistics is committed to fostering a fair, transparent, and ethical working and business environment, maintaining zero tolerance for bribery, extortion, and corruption in all interactions between employees and business partners. To strengthen its anti-corruption initiatives, Great River Smarter Logistics established a Discipline Inspection Committee in 2023, harmonizing rigorous party discipline with enhanced corporate governance. The committee fulfills its supervisory role through a comprehensive approach that includes institutional development, deterrence mechanisms, and educational outreach—all designed to safeguard the company's sustainable, high-quality growth.



Key Performance



During the reporting period, the number of anti-corruption whistleblowing cases was 0.



146 employees received offline anti-corruption training, with an average duration of 3 hours. Training coverage was further expanded, and training duration was optimized according to actual needs to ensure training quality.



All 7 directors received anti-corruption training, with an average duration of 1 hour, continuously strengthening anti-corruption awareness and responsibility at the director level.

Anti-corruption Measures

Standardized positions with risks of commercial bribery and duty encroachment. Based on business development and position adjustments in 2024, risk positions were reassessed, and relevant systems and processes were improved.

Incorporated anti-commercial bribery clauses into the company's standard commercial contracts. The clauses were optimized based on changes in laws and regulations and industry best practices to ensure they are more targeted and operational.

Conducted training and education for employees in relevant positions, requiring them to sign the "Integrity Commitment Letter." In 2024, the company intensified its training and communication efforts targeting newly hired employees, those changing positions, and personnel in high-risk roles. These initiatives ensure all staff members fully understand the company's integrity standards and their individual responsibilities.

Established multiple reporting channels including telephone, email, letters, and website. In 2024, the company enhanced its whistleblowing mechanisms, improving both accessibility and confidentiality. Concurrently, increased promotion of these reporting channels has raised awareness and encouraged greater utilization among stakeholders.

Combined internal and external efforts, with the company's Discipline Inspection Committee responsible for internal supervision and third-party lawyers responsible for external due diligence. Developed annual inspection plans, conducting 1-2 special inspections annually, integrated with audit work, and accepting real-name, evidence-based reports on-site. Throughout 2024, the company refined its audit focus and methodology based on key business priorities and identified risk areas, ensuring more targeted and effective inspection processes.

Incorporated integrity requirements into the supplier management mechanism, requiring suppliers to sign the "Integrity Partnership Agreement."

Upholding Business Ethics

Great River Smarter Logistics adheres to compliant operations and places great importance on business ethics management. The company has established an Enterprise Management Committee comprising system specialists from across business divisions, subsidiaries, and functional departments. This committee ensures operations comply with relevant laws and regulations, adhere to internal policies and procedures, and meet the expectations of external stakeholders. In 2024, the Enterprise Management Committee enhanced its compliance oversight across all business operations, promptly addressing potential risks. The committee developed tailored accountability frameworks for leadership team members and implemented the "dual responsibility" principle, encouraging executives to strengthen areas of weakness and improve performance quality. This comprehensive approach established an integrated chain of responsibility fulfillment, supervision, evaluation, and accountability. By ensuring disciplined governance at every organizational level, the company has successfully aligned party oversight with corporate controls, creating a robust integrity framework that safeguards against operational risks. During the reporting period, Great River Smarter Logistics had no legal proceedings related to unfair competition or anti-monopoly practices.

Integrity Management System

To foster a fair, just, and transparent workplace, the company has implemented a comprehensive anti-corruption framework built on the "dare not, cannot, and do not want to" principles. This system rigorously prevents and penalizes bribery, embezzlement, fraud, and other corrupt practices.

- Creating a "dare not corrupt" workplace:** Proactive anti-fraud measures, professional investigation and handling, and serious accountability
- Building a "cannot corrupt" governance environment:** Organizational governance, institutional standardization, and democratic supervision
- Strengthening the ideological foundation of "do not want to corrupt":** Commitment signing, publicity and education, specialized learning, and organizational atmosphere

Specific measures include

**Implementing mobilization and deployment, strengthening principal responsibility**

To strengthen integrity management, Great River Smarter Logistics's Discipline Inspection Committee has developed several key frameworks including the "Implementation Plan for Integrity and Self-discipline Supervision," "Procedures for Identifying and Mitigating Integrity Risks," and "Management Regulations on Error Tolerance and Correction Mechanisms." Working alongside party organizations, the committee has established annual work plans and conducted specialized risk assessment meetings. Party branches are tasked with systematically reviewing departmental roles, responsibilities, authorities, and workflows to identify potential integrity vulnerabilities, evaluate risk levels, and implement appropriate controls. The company has also instituted "Measures for Handling Employee Disciplinary Violations (Trial)" and regularly updates these protocols based on findings from corruption investigations.

**Regular Supervision and Inspection, Focus on Implementation of Corrections**

Responsibility entities at all levels exert efforts layer by layer to ensure responsibilities are fulfilled. The company has strengthened oversight throughout the inspection and audit remediation process, maintaining quality controls for issue resolution. Implementation of the "dual signature" verification system ensures thorough and effective remediation of identified concerns. Focusing on key areas and critical links such as quality service, solicitation of bribes, and production safety, the company conducts regular supervision and inspections, precisely applying the party organization's "Three Cups of Tea" heart-to-heart conversation system to address issues early and prevent minor problems from developing into major ones.

Conducting Anti-corruption Education, Raising Risk Awareness

Great River Smarter Logistics continues to promote a culture of integrity through educational initiatives, employing diverse channels to communicate its anti-corruption policies and measures to employees. At the corporate level, the Party Committee and Discipline Inspection Committee organize theoretical study sessions to thoroughly examine the directives from the Third Plenary Session of the 20th Central Commission for Discipline Inspection. The company conducts mobilization meetings for party discipline education, with the Party Secretary leading discussions on the "Regulations on Disciplinary Sanctions of the Communist Party of China." Party branches conduct collective learning through established formats such as "Three Meetings and One Class" and thematic party days. These sessions reinforce the group's integrity culture concept of "Comprehensive Party Discipline and Building an Ethical GR," guiding party members and employees to understand and adhere to regulations, disciplinary standards, and legal requirements. For operational managers and frontline staff, the company leverages multiple communication channels including the Great River Smarter Logistics party-building platform, OA system, "Focus on GR" public account, and WeChat groups. These platforms feature dedicated sections like "Ethical GR" and "Compliance Briefings." The company distributes anti-corruption materials and cautionary case studies through these digital networks while complementing online efforts with in-person training sessions and external learning visits. This dual approach of positive ethics promotion and deterrent case examples ensures all employees learn, understand, and follow company regulations. In 2024, based on employee feedback and actual needs, the company optimized training content and methods to improve training effectiveness. Throughout the year, 72 online and offline anti-corruption training sessions were conducted, with a total of

approximately 8,189 hours of anti-corruption education for employees. (Note: Online learning materials were provided once a week for 49 weeks, 1 hour each time, with 146 participants, totaling 7,154 hours; 23 offline activities were conducted, each lasting 3 hours with approximately 15 participants per session, totaling about 1,035 hours.)

Great River Smarter Logistics has implemented "Employee Integrity in Professional Conduct Regulations" that define the company's expectations for ethical behavior in both internal and external interactions. These guidelines clearly outline prohibited actions and their associated penalties, providing staff with unambiguous behavioral standards that promote professional integrity across the organization. For newly hired employees, the company continues to conduct anti-corruption onboarding training and encourages employees to sign the "Anti-corruption Commitment Letter." At the same time, the company strengthens integrity reviews for employees being considered for awards or promotions, effectively preventing violations and disciplinary incidents. In 2024, the company promoted the signing of the "Anti-corruption Commitment Letter" by all personnel.

The employee "Anti-corruption Commitment Letter" includes, but is not limited to:

Employees must refrain from engaging in bribery, accepting bribes, embezzlement, or any other improper business conduct during their employment.

Employees must avoid activities that conflict with company interests unless they have secured prior written authorization.

If any entity or individual connected to company business offers or requests gifts, employees must decline immediately and promptly report the incident to management.



"Party Discipline as Our Compass" - Joint initiative between Great River and Songshan Lake Education Party Committees



Fourth Party Branch (Taicang Power Shell Terminal) visited the Taicang Rural Officials Ethics Center for "Compliance and Professional Conduct" educational session



Tenth Party Branch organized members to tour the "Building Trust, Cultivating Integrity" ethics cultural exhibition route



Convened Party Member Assembly to launch disciplinary education program



Taicang Party Branch conducted themed party day activity on "Learning, Understanding, Clarifying, and Upholding Party Discipline"



Warning education session for Party branch leaders and committee members



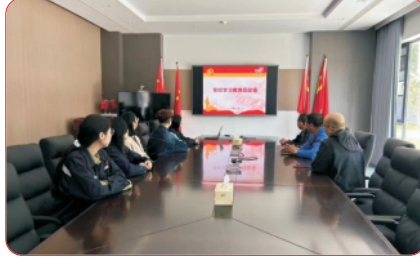
Branch secretaries and party representatives visited the Anti-Corruption Warning Education Base



Branch assembly implemented disciplinary education program



CPC Party Branch leaders delivered presentation on party-wide disciplinary education directive



Members completed self-study of party disciplinary regulations









# Whistleblower Protection

## Valuing Reports and Complaints, Creating a Clean and Upright Atmosphere

The Discipline Inspection Committee has implemented key policies including the "Whistleblowing Reward and Punishment System" and "Gift and Cash Management Measures (Trial)." These frameworks standardize procedures for handling reported violations, strengthen oversight mechanisms, and help prevent misconduct. By protecting the legitimate interests of employees, customers, and business partners, these measures support the company's sustainable growth and development. The company has also implemented a comprehensive whistleblower protection system. When the Discipline Inspection Committee receives documented, non-anonymous reports, it initiates formal investigations resulting in detailed findings. Whistleblower confidentiality is maintained throughout this process. Depending on investigation outcomes, case severity (whether proactive or reactive misconduct), and financial implications, sanctions may range from employment termination to referral to legal authorities. A reward system recognizes whistleblowers and witnesses who contribute to these investigations.

### Reporting Channels

The company has established six types of reporting channels for different groups, including hotlines, email, and the official website.

 <b>Telephone</b>	 <b>Email</b>	 <b>Website</b>
0769-22893898	hcjw@grgroup.cc	Great River Smarter Logistics Party-building Platform Secretary's Mailbox: <a href="http://appgrgroup.cc:9098">http://appgrgroup.cc:9098</a>
 <b>Letter</b>	 <b>In-person</b>	 <b>Others</b>
Great River Smarter Logistics Integrity and Discipline Office, GR Building, Songke Yuan 1, Songshan Lake, Dongguan City, Guangdong Province, Postal Code 513830	Office of the Secretary of the Discipline Inspection Committee, GR Building, Songke Yuan 1, Songshan Lake, Dongguan City, Guangdong Province	Other forms deemed appropriate by the whistleblower

### Processing Timing

For incident processing timing, the Discipline Inspection Committee mandates that all responsible units adhere to the "Three Ones" timeline protocol, ensuring prompt acknowledgment and proactive case management.

**"Three Ones" timeline requirements:**

- Respond within one working day: After receiving a report, respond to the whistleblower within one working day;
- Confirm case filing within one week: After receiving a report, confirm whether an investigation needs to be initiated within one week;
- Complete investigation within one month: After confirming case filing, complete the investigation and respond with results within one month.

### Whistleblower Protection

The "Whistleblowing Management Policy" explicitly mandates confidentiality protections: all employees with access to reported information must maintain strict confidentiality regarding these disclosures. The heads of organizations bear primary responsibility for witness and whistleblower protection. They must implement appropriate safeguards to ensure these individuals' fundamental rights remain protected and to prevent any form of retaliation against them. In 2024, there were no incidents of privacy breaches involving anonymous whistleblowers.

**Confidentiality of whistleblower information includes but is not limited to the following situations:**

All personnel receiving whistleblower information must forward it exclusively to the designated oversight department without distributing to unauthorized individuals. Employees involved in case follow-up must maintain strict confidentiality regarding reported information. Investigation findings and recommended actions must remain confidential until the formal announcement of disciplinary decisions. Investigation reports and supporting evidence must not be shared with unauthorized personnel.



# Anti-Unfair Competition

In its daily operations, the company strictly adheres to relevant legislative frameworks including the Anti-Monopoly Law, Anti-Unfair Competition Law, and Civil Code of the People's Republic of China, alongside its own business conduct standards. The company cultivates a business environment founded on principles of fairness and mutual benefit, proactively mitigating monopolistic and unfair competition risks. It remains committed to earning customer trust through ethical competition and delivery of high-quality, reliable services. Additionally, the company requires its business partners to uphold principles of fair competition and ethical business conduct, prohibiting participation in activities that undermine market fairness or violate antitrust regulations.

The company thoroughly evaluates customer requirements, delivering services grounded in business integrity while abstaining from unfair competitive practices. Through its participation in procurement oversight, the company's Audit Department creates a comprehensive monitoring system that governs the conduct of all parties involved in bidding processes. This framework promotes honest business practices and fair competition among the company's employees, customers, suppliers, and other stakeholders.

Acquisitions represent a primary growth strategy for the company. Throughout merger processes, the company strictly adheres to antitrust regulations, while maintaining fair competition principles during post-acquisition integration.

In 2024, the company reported no significant incidents related to alleged monopolistic practices or unfair competition.



# Risk Control and Compliance Management



## Risk Control

### Risk Management Measures

The company integrates risk management throughout its daily operations, having established comprehensive internal control systems covering organizational structure, human resources, safety protocols, financial management, procurement, asset management, sales, project engineering, contract administration, guarantees, external investments, related-party transactions, and information disclosure. This framework ensures all activities follow established guidelines within a standardized management system. The company implements enterprise-wide risk management based on principles of comprehensiveness, reasonableness, independence, and materiality. Each business unit/center maintains dedicated compliance and risk management teams responsible for identifying and evaluating risks within their domains and developing appropriate control measures. This creates a multi-layered defense system with clearly defined "vertical" responsibilities across governance, management, and operational levels, complemented by "horizontal" coordination between business segments. At the same time, the company continues enhancing its information technology infrastructure, transitioning key business process controls from manual to automated systems to strengthen risk prevention capabilities. During the reporting period, the company implemented several technological initiatives including intelligent inspection robots, self-service weighing systems, and budget management platforms.

### Internal Supervision and Control

#### Overall Supervision

The company maintains a "risk-oriented, compliance-focused" approach to governance. From a risk management perspective, each business division and functional center continuously evaluates vulnerabilities in internal controls and identifies potential operational risks. Through standardization and benchmarking initiatives, complemented by quarterly assessments of key business activities, major projects, and administrative functions, the company has established an effective bottom-up self-monitoring system.

#### Audit Supervision

The company's Board of Directors has established an Audit Committee that oversees the Audit Department, which operates independently while reporting directly to the committee. The Audit Department conducts ongoing supervision of business operations in accordance with the Internal Audit Management System, evaluating internal controls and promptly communicating identified issues to responsible departments. The department establishes specific remediation measures with clear timelines and conducts follow-up inspections to ensure the completion of the audit cycle. During the reporting period, the Audit Department executed its annual audit plan with emphasis on core internal controls and management priorities, conducting thorough examinations of sales, procurement, and engineering processes, as well as significant cost expenditures.



Audit work is classified as follows:

Annual Audit: Executes planned audit activities that provide comprehensive evaluation and oversight of business processes

Engineering Project Budget and Final Account Audit: Conducts budget verification and cost reviews tailored to industry-specific requirements, with particular focus on project-related risks

Special Audit: Performs targeted examinations on an as-needed basis in response to changing external conditions and operational requirements, continually enhancing management standards

Compliance Awareness Training

The company continues to conduct compliance training and empowerment courses, with a total course duration of [XXX] hours, using the eLearning Platform for online learning and post-course testing to strengthen employees' compliance awareness.

Related Party Transaction Management

The company has established a Related-Party Transaction Governance System that explicitly mandates principles of integrity, fairness, and procedural compliance for all such transactions. This system also specifies clear requirements for decision-making procedures and disclosure obligations to ensure that transactions with related parties adhere to principles of equity, fairness, and transparency, thereby protecting the legitimate interests of all shareholders, particularly minority stakeholders.

In 2024, the company's significant related-party transactions consisted exclusively of guarantees provided by related parties to the company and its subsidiaries without fees, demonstrating their commitment to the company's long-term strategic development. All material related-party transactions underwent rigorous review and disclosure in accordance with regulatory requirements and company policies. Related parties consistently abstained from relevant voting procedures, ensuring that these transactions served the interests of the company and its shareholders without adversely affecting operational performance.

Data Security and Privacy Protection

Data Security

The company maintains a comprehensive information security management system built around ISO-compliant frameworks including the OA System Management Protocol, Data Center Management Guidelines, and Smart Customer Service Platform Governance Standards. Led by the Process and Digitalization Center, this security architecture ensures coordinated and supervised information security activities throughout the organization. To mitigate potential system failures and safeguard information assets, the company has implemented IT Security Management Protocols that establish clear requirements for data backup procedures, emergency power maintenance, data protection measures, and network security controls.

**Data Recovery Strategy**

Improve existing backup and recovery strategies to ensure correct backup and recovery

Increase backup equipment

Improve the backup system to minimize data storage backup vulnerabilities

Develop documented backup and recovery strategies

In 2024, Great River Smarter Logistics did not experience any information security-related violations.

Tax Compliance

Taxation Management Policy

The company strictly complies with tax regulations and consistently adheres to the principles of paying taxes according to law and with integrity.

Tax Compliance Status

The company has implemented Tax Management Regulations that establish clear guidelines for taxation principles and filing procedures. These regulations institute a multi-tiered review process flowing from subsidiary finance departments through financial officers to the finance center. This comprehensive approach ensures rigorous oversight of all tax-related activities, compliance with statutory obligations, positive relationships with tax authorities, andGreat River Smarter Logistics effective mitigation of tax-related risks.

Total tax payments in 2024: 175.07 million yuan

Attention to Tax Law Policies

The company maintains a comprehensive repository of tax regulations and adapts promptly to policy developments.

Through regular assessment of potential tax exposures and dynamic risk management practices, the company effectively ensures regulatory compliance in its operations.

Intellectual Property Protection

To enhance intellectual property protection, standardize IP management practices, foster employee innovation, and accelerate the application of technological achievements, the company has developed and implemented Intellectual Property Management Regulations in accordance with national legislation. Great River Smarter Logistics and all its subsidiaries adhere to these protocols in managing their intellectual property assets.

As of the end of the reporting period, the company had accumulated 208 authorized patents, including 24 authorized invention patents and 41 software copyrights. During the reporting period, there were no intellectual property-related litigation or illegal situations.



# 4 Environmental Management

## **Environmental Management Framework**

Environmental Management Framework

Environmental Risk Management

Green Storage and Transportation/Green Operations

Environmental Protection Culture Promotion

## **Pollution Emission**

Wastewater Discharge Management

Air Emissions Management

Waste Management

Noise Pollution Control

## **Resource Consumption and Recycling**

Water Resource Consumption

Energy Management

Raw Material Management

Circular Economy

## **Ecological Environmental Protection**

Soil and Biodiversity Protection

## **Climate Change Response**

Climate Change Governance

Climate Change Strategy and Management

Carbon Emission Accounting and Management

Carbon Reduction Measures and Targets





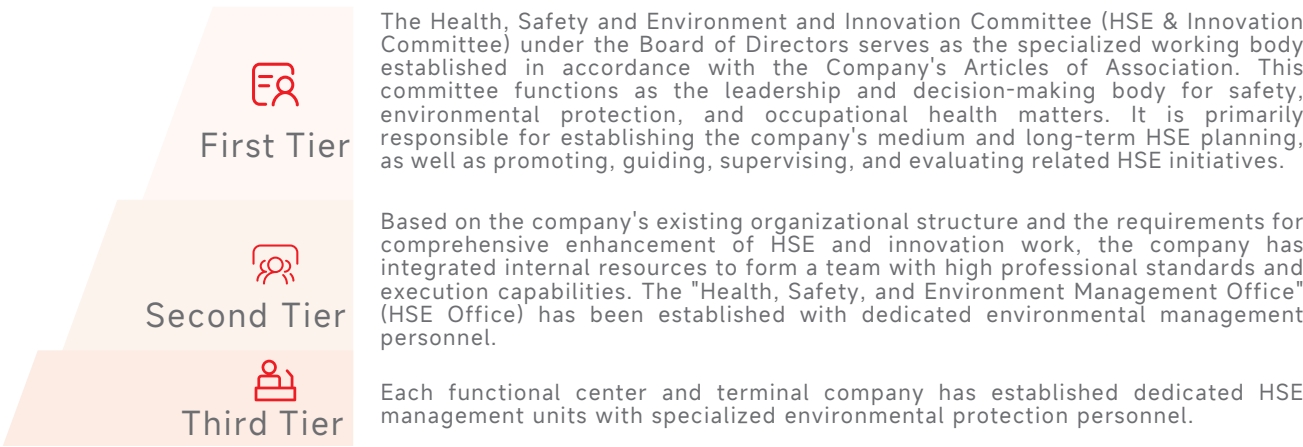
# Environmental Management Framework



## Environmental Management Framework

### Three-tier Management Mechanism

As a hazardous chemicals storage company, Great River Smarter Logistics has always considered safety and environmental protection to be vital to its corporate development. The company proactively implements comprehensive safety and environmental protection measures to establish itself as an industry benchmark in HSE (Health, Safety and Environment). To create an efficient and distinctive HSE management system, the company has developed a three-tier management structure.



### Comprehensive Environmental Management System

Great River Smarter Logistics has developed internal regulations in accordance with the Environmental Protection Law of the People's Republic of China, the Water Pollution Prevention and Control Law, the Air Pollution Prevention and Control Law, the Environmental Noise Pollution Prevention and Control Law, the Environmental Impact Assessment Law, the Cleaner Production Promotion Law, and the Regulations on Environmental Protection Management for Construction Projects. These internal policies include the "Great River Smarter Logistics Guidelines for Standardized Management of Solid Waste," "Great River Smarter Logistics Wastewater Treatment Management System," "Great River Smarter Logistics VOCs Control Work System," "Great River Smarter Logistics Environmental Protection Monitoring Management System," "Great River Smarter Logistics Energy Conservation and Emission Reduction Management Measures," "Great River Smarter Logistics Vapor Recovery Unit Management System," "Great River Smarter Logistics Emergency Environmental Management System," "Great River Smarter Logistics Environmental Information Disclosure Management System," "Great River Smarter Logistics Environmental Protection Supervision and Inspection System," "Great River Smarter Logistics VOCs Control Management Regulations for Loading and Unloading," and "Great River Smarter Logistics General Solid Waste Management Measures." During the reporting period, the company and its subsidiaries have strictly conducted environmental management activities in accordance with these environmental management systems.

## Environmental Risk Management

Great River Smarter Logistics has established a comprehensive environmental risk management system in accordance with the Environmental Protection Law of the People's Republic of China, the Emergency Management Measures for Environmental Incidents, and the National Environmental Emergency Response Plan. The company has implemented the "Emergency Response and Management Procedure," "Accident Investigation and Handling Management Procedure," and "Great River Smarter Logistics Emergency Environmental Management System" to prevent and mitigate environmental incidents, control and eliminate environmental hazards, and enhance overall capability to respond to and manage environmental emergencies. These measures aim to safeguard enterprise operations, protect employee lives and property, minimize potential damage to the company and society from environmental incidents, and promote comprehensive, coordinated, and sustainable development.

The company continuously improves emergency response capabilities and safety awareness among personnel through various environmental emergency drills. According to the 2024 annual environmental emergency drill plan, the company and its subsidiaries conducted 53 environmental emergency response drills. Additionally, joint emergency exercises on various themes were carried out in collaboration with local fire rescue teams, port service companies, and other partners.

In 2024, the company organized 13 subsidiaries to conduct 6 self-inspections against standard checklists including the "Environmental Incident Self-assessment Scoring Table," "Great River Smarter Logistics Hazardous Chemicals Major Hidden Danger Self-inspection Table," "Technical Guidelines for Emergency Emission Reduction in Key Industries During Heavy Pollution Weather (2020 Revised Edition, Environmental Office Air Letter [2020] No. 340)," and "Enterprise Environmental Information Disclosure Management Measures Self-inspection Table." More than 80 potential hazards were identified, with 100% tracked and remediated according to plan. All terminal facilities maintained discharged pollutants within permissible emission limits, and all wastewater treatment facilities operated effectively. Annual environmental monitoring indicators met required standards, and terminal companies demonstrated increasingly proactive management of VOCs leakage points from storage tanks.



Pollution Leakage Drill



Wastewater Discharge Drill



Oil Spill Response Drill



Hazardous Waste Emergency Drill



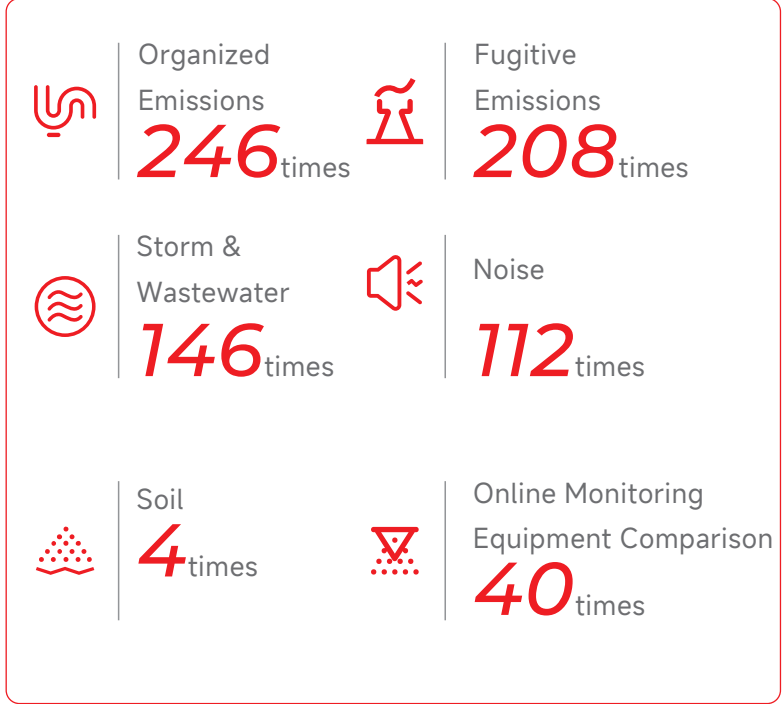
Emergency Plugging Materials Vehicle



Material Leakage Emergency Drill



Environmental Monitoring Statistics for 2024



Environmental Management Statistics for 2024



Environmental Management System Certification, Cleaner Production Audit, and Green Port Certification Companies

Category	Company Name			
ISO14001 Environmental Management System Certification	Lisha Island Base	Nantong Power Shell Terminal		
	Fujian Gangfeng Energy	Changzhou GR Terminal		
Clean Production	Zhongshan GR Terminal	Nanjing GR Terminal	Cangzhou GR DG WH	
	Taicang Power Shell Terminal	Nantong Hongzhi Terminal	Changshu Hongzhi Terminal	
Green Port Rating Certification (3-star level)	Changshu Terminal Base	Rizhao GR Terminal		
	Dongguan Evergrowing Terminal	Nantong Power Shell Terminal	Changshu GR Terminal	
	Dongguan GR Terminal	Nantong Power Shell Terminal		
	Changzhou GR Terminal	Nantong Power Shell Terminal	Nantong Hongzhi Terminal	

Green Storage and Transportation/ Green Operations

The company has established a comprehensive environmental management system and has continuously promoted environmental management system certification, cleaner production initiatives, and green port construction across all business segments. As of the end of the reporting period, all subsidiaries in the company's tank storage segment have obtained ISO14001 environmental management system certification. In the chemical warehousing segment, Changshu Hongzhi Terminal and Cangzhou GR DG WH have completed their respective certifications.

To qualify for green port rating evaluation, candidates must meet the basic requirements specified in the "Green Port Rating Evaluation Guidelines" (JTS/T 105-4-2020), which stipulate that "evaluation objects for green ports should be production terminals that have been in formal operation for no less than 2 years, with no sudden environmental incidents or production safety accidents in the past 2 years, and no environmental pollution or ecological damage issues penalized by administrative authorities according to law." To date, 3 Great River Smarter Logistics companies have completed and passed green port certification.



Great River Smarter Logistics has organized cleaner production certification applications in accordance with the "Cleaner Production Promotion Law of the People's Republic of China" and the "Cleaner Production Audit Methods." To date, 4 enterprises have successfully passed the audit certification.

Environmental Protection Culture Promotion



Fujian Gangfeng Energy conducted an environmental protection volunteer service activity themed "GR Charity Day, We Are in Action"



Cangzhou Great River Warehousing & Logistics organized employee volunteers to carry out the "GR Charity Day, Cangzhou GR Terminal in Action" environmental protection activity.



Taicang Power Shell Terminal carried out an environmental volunteer activity themed "Protecting the Mother River, Taicang Power Shell Terminal in Action."



# Pollution Emission



## Wastewater Discharge Management

Great River Smarter Logistics strictly adheres to the Water Pollution Prevention and Control Law of the People's Republic of China, the Urban Drainage and Sewage Treatment Regulations, the Integrated Wastewater Discharge Standard (GB8979-1996), and other relevant regulations. The company has established internal policies such as the "Great River Smarter Logistics Wastewater Treatment Management System" to standardize wastewater treatment management, ensuring that wastewater treatment work is systematically and routinely managed.

The company operates 11 wastewater treatment systems and 2 vessel cleaning stations for ship-generated pollutants. The wastewater treatment system collects and processes both industrial and domestic wastewater to meet standards before discharge to the municipal sewage plant.. The vessel cleaning stations handle the reception and disposal of chemical tank washing water and oily wastewater from inland vessels. All production wastewater from Great River Smarter Logistics subsidiaries is uniformly collected through wastewater collection pipeline networks and treated by supporting wastewater treatment systems to meet discharge standards.

In 2024, Great River Smarter Logistics further optimized its wastewater treatment processes to reduce wastewater generation, improve treatment plant operational efficiency, enhance effluent quality, and implement water recycling. These improvements have reduced the total discharge of pollutants while conserving freshwater resources. During the reporting period, the company's wastewater treatment plants processed 97,515.60 tons of wastewater for discharge, while 21,751.00 tons were recycled as reclaimed water.

## Air Emissions Management

Great River Smarter Logistics strictly complies with the Comprehensive Emission Standard for Air Pollutants, the Emission Standard for Air Pollutants from Oil Storage Depots, the Control Standard for Fugitive Emission of Volatile Organic Compounds, and other relevant regulations. The company has formulated internal policies including the "Great River Smarter Logistics VOCs Control Work System," "Great River Smarter Logistics Environmental Protection Monitoring Management System," "Great River Smarter Logistics Vapor Recovery Unit Management System," and "Great River Smarter Logistics VOCs Control Management Regulations for Loading and Unloading" to implement comprehensive air emissions management.

The company actively explores advances in VOC source reduction technologies. In addition to conducting regular LDAR (Leak Detection and Repair) programs, Great River Smarter Logistics employs digital modeling and other methods to trace VOC sources based on annual oil product turnover, tank structure, loading and unloading processes, and the current status of exhaust gas collection and treatment. The company continuously explores new vapor recovery and exhaust gas treatment technologies to achieve VOC emission reduction targets. In 2024, the company continued its LDAR and environmental emission reduction efforts, reducing VOC emissions by 485.35 tons throughout the year.

All organized emissions from Great River Smarter Logistics subsidiaries are uniformly collected through exhaust gas collection systems and treated by supporting exhaust gas treatment systems to meet discharge standards.

# Waste Management

Great River Smarter Logistics strictly adheres to the Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, the Storage and Landfill Pollution Control Standard for General Industrial Solid Waste, the Hazardous Waste Storage Pollution Control Standard, and other relevant regulations. The company has established internal policies such as the "Great River Smarter Logistics Guidelines for Standardized Management of Solid Waste" and "Great River Smarter Logistics General Solid Waste Management Measures" to implement differentiated management of general industrial solid waste and hazardous waste. In accordance with relevant regulations, the company has constructed "Hazardous Waste Storage Warehouses" and established comprehensive management systems. Through inventory analysis, the company identifies major sources of solid waste and optimizes related processes to reduce waste generation. Additionally, following the hazardous waste lifecycle platform protocol, we conduct monitoring and management of general solid waste and residual waste materials.

Due to the specific nature of the petrochemical storage industry, most waste generated during production processes at Great River Smarter Logistics is classified as hazardous waste and managed accordingly. Nevertheless, the company regularly conducts energy conservation and consumption reduction training to decrease energy and resource consumption at the source, thereby reducing waste generation.

In line with standardized solid waste management requirements, particularly for hazardous waste management, Great River Smarter Logistics continuously strengthens the implementation of management systems including hazardous waste identification signage, hazardous waste declaration registration, transfer manifests, and operating permits. This ensures standardized management of solid waste throughout the lifecycle at all terminal facilities, with strict implementation of the company's eight solid waste management systems, including transfer manifest systems, identification systems, and environmental pollution prevention systems. In 2024, 410.6 tons of hazardous waste were transferred to qualified hazardous waste reception units in accordance with relevant regulations, representing a 37.5% decrease compared to 2023.

## Noise Pollution Control

Based on the principle of "source noise reduction and dynamic control," Great River Smarter Logistics has systematically constructed a noise pollution prevention and control system to minimize the impact of operations on the surrounding acoustic environment and residents' health. In 2024, a total of 35 noise monitoring sessions were conducted, with a 100% compliance rate.

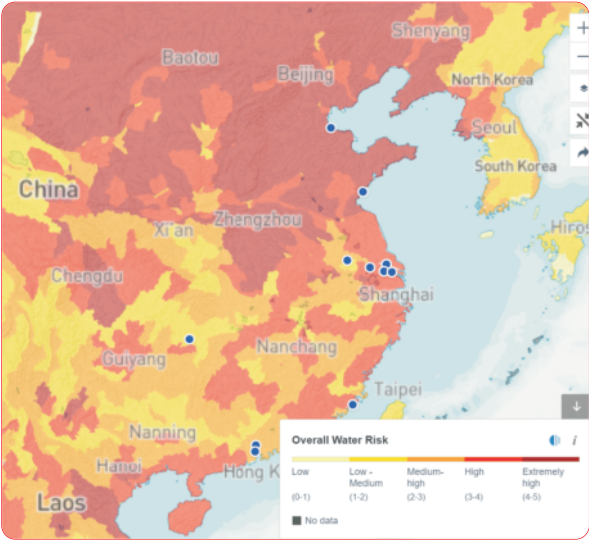


# Resource Consumption and Recycling



## Water Resource Consumption

In 2024, Great River Smarter Logistics utilized the World Resources Institute (WRI) Water Risk Assessment Tool to identify the water risk indicator levels in regions where each production facility is located. The assessment revealed that the region where Cangzhou GR DG WH operates faces extremely high physical water risk. To mitigate physical risks to water resources, the company has installed groundwater monitoring wells. From pre-implementation through the entire operational lifecycle of the project, we conduct annual groundwater quality testing across the storage facility area, enabling early warning systems and ensuring water resource security.



Overall Water Risk Assessment of Company Facilities

To address potential impacts of water resource risks on daily operations, Great River Smarter Logistics adheres to the principles of efficient water utilization and circular management. Through a combination of manual inspections and daily water consumption data recording, the company precisely located and repaired more than 10 underground water pipeline leakage points in 2024, saving approximately 3,000 tons of water and effectively reducing operational water resource losses. The company will continue to optimize its water management system by upgrading monitoring technology and implementing water-saving process modifications to strengthen dynamic control of water supply systems, ensuring rational allocation and recycling of water resources in storage facility maintenance and other operational scenarios.

	Physical Risk of Water Resource	Water Stress	Groundwater Level Decline	Interannual Variability	Seasonal Variability	Drought Risk	Riverine Flood Risk	Coastal Flood Risk
Cangzhou GR DG WH	Extremely High (4-5)	Extremely High (>80%)	Medium - High (2-4 cm/y)	Low - Medium (0.25-0.50)	Low - Medium (0.33-0.66)	Medium - High (0.6-0.8)	High (6 in 1,000 to 1 in 100)	Medium - High (7 in 100,000 to 3 in 10,000)
Rizhao GR Terminal	No data	Extremely High (>80%)	Insignificant Trend	Low - Medium (0.25-0.50)	Low - Medium (0.33-0.66)	Medium - High (0.6-0.8)	High (6 in 1,000 to 1 in 100)	Extremely High (more than 2 in 1,000)
Nantong Hongzhi Terminal	High (3-4)	Medium - High (20-40%)	Low - Medium (0-2 cm/y)	Low - Medium (0.25-0.50)	Low (<0.33)	Medium - High (0.6-0.8)	High (6 in 1,000 to 1 in 100)	Extremely High (more than 2 in 1,000)
Nantong Power Shell Terminal	High (3-4)	Medium - High (20-40%)	Low - Medium (0-2 cm/y)	Low - Medium (0.25-0.50)	Low (<0.33)	Medium - High (0.6-0.8)	High (6 in 1,000 to 1 in 100)	Extremely High (more than 2 in 1,000)
Changzhou GR Terminal	High (3-4)	Medium - High (20-40%)	Low - Medium (0-2 cm/y)	Low - Medium (0.25-0.50)	Low (<0.33)	Medium - High (0.6-0.8)	Medium - High (2 in 1,000 to 6 in 1,000)	Medium - High (7 in 100,000 to 3 in 10,000)
Nanjing GR Terminal	Medium - High (2-3)	Low (<10%)	Low - Medium (0-2 cm/y)	Low (<0.25)	Low (<0.33)	Medium - High (0.6-0.8)	Low - Medium (1 in 1,000 to 2 in 1,000)	Low (0 to 9 in 1,000,000)
Changshu Hongzhi Terminal	High (3-4)	Medium - High (20-40%)	Low - Medium (0-2 cm/y)	Low - Medium (0.25-0.50)	Low (<0.33)	Medium - High (0.6-0.8)	Medium - High (2 in 1,000 to 6 in 1,000)	Medium - High (7 in 100,000 to 3 in 10,000)
Changshu Terminal Base	High (3-4)	Medium - High (20-40%)	Low - Medium (0-2 cm/y)	Low - Medium (0.25-0.50)	Low (<0.33)	Medium - High (0.6-0.8)	Medium - High (2 in 1,000 to 6 in 1,000)	Medium - High (7 in 100,000 to 3 in 10,000)
Taicang Power Shell Terminal	High (3-4)	Medium - High (20-40%)	Low - Medium (0-2 cm/y)	Low - Medium (0.25-0.50)	Low (<0.33)	Medium - High (0.6-0.8)	Medium - High (2 in 1,000 to 6 in 1,000)	Medium - High (7 in 100,000 to 3 in 10,000)
Fujian Gangfeng Energy	High (3-4)	Medium - High (20-40%)	Insignificant Trend	Low - Medium (0.25-0.50)	Low (<0.33)	Medium (0.4-0.6)	Low - Medium (1 in 1,000 to 2 in 1,000)	High (3 in 10,000 to 2 in 1,000)
Lisha Island Base	High (3-4)	Low - Medium (10-20%)	Insignificant Trend	Low - Medium (0.25-0.50)	Low - Medium (0.33-0.66)	Medium (0.4-0.6)	Low - Medium (1 in 1,000 to 2 in 1,000)	Extremely High (more than 2 in 1,000)
Zhongshan GR Terminal	Low - Medium (1-2)	Low (<10%)	Insignificant Trend	Low - Medium (0.25-0.50)	Low - Medium (0.33-0.66)	Medium (0.4-0.6)	Medium - High (2 in 1,000 to 6 in 1,000)	Extremely High (more than 2 in 1,000)



# Energy Management

Great River Smarter Logistics continuously conducts energy management work in accordance with the Cleaner Production Promotion Law of the People's Republic of China and the company's Energy Conservation and Emission Reduction Management Measures. Through energy consumption assessment, energy consumption analysis meetings, procurement of low-energy products, and strengthened daily management, the company has achieved significant resource conservation. In 2024, Great River Smarter Logistics consumed a total of 478,900 tons of tap water, 34.6719 million kWh of electricity, 15,300 tons of nitrogen (calculated based on a liquid nitrogen 1:800 gasification rate), and 29,400 tons of steam, representing decreases of 6.28%, 4.74%, an increase of 27.50%, and a decrease of 41.2% respectively compared to 2023." Building on our current energy management framework, Great River Smarter Logistics aims to achieve a 6% reduction in energy consumption from 2024 baseline levels. To support this ambition, we have established 11 company-wide improvement targets complemented by 132 facility-specific objectives. As part of our long-term energy transition strategy, we continuously investigate opportunities to incorporate clean, renewable energy sources and implement energy diversification initiatives. These efforts serve multiple strategic purposes: reducing our dependence on conventional fossil fuels, minimizing our carbon footprint, and building resilience against energy market volatility. We remain committed to progressively increasing the proportion of renewable energy within our overall energy mix year-on-year.

The company has established the "Great River Smarter Logistics Energy Conservation and Emission Reduction Management Measures" and formed an energy consumption assessment team to conduct evaluations and actively promote green development concepts in daily operations. This approach aims to achieve energy conservation and emission reduction while creating an environmentally friendly working environment and building a resource and energy-efficient enterprise. The energy consumption assessment team has proposed and implemented the following energy-saving measures:

- 1. Adding automatic power-off function 15 minutes before the end of the workday to air conditioning circuits
- 2.Replacing failed street lights with cool light source lamps or even solar-powered street lights
- 3.Conducting leak inspections of tap water supply management systems
- 4.Strengthening quota management of water and electricity usage in employee dormitories
- 5.Promoting automatic rotary spray tank cleaning solutions to save water used in tank cleaning and reduce wastewater generation at the source
- 6.Strengthening recycled water usage in tank cleaning, landscaping, sprinkler systems, and other applications
- 7.Evaluating equipment power consumption and promoting low-energy, high-efficiency equipment in conjunction with local government trade-in policies
- 8.Encouraging employees to practice low-carbon behaviors, promoting online meetings to reduce unnecessary business travel, and advocating shared offices and normalized remote work.

# Raw Material Management

Materials and Packaging Management System: Reduction and Reuse  
Utilization Status: Reuse of IBCs, steel drums, and pallets; corresponding reduction targets with specific goals established, with a reuse rate of 60%.  
Enhanced Green Material Utilization: Packaging material reduction to avoid excessive packaging; reuse implementation.  
Hazardous Substance Reduction: Use of environmentally friendly printing materials for external packaging and biodegradable packaging.

# Circular Economy

In resource recycling management, the company follows the core principles of "green low-carbon, closed-loop throughout the value chain, and controllable risk" while adhering to regulations such as the "Energy Conservation Design Standards for Petroleum Depots" and the "Hazardous Waste Storage Pollution Control Standards." Through technological innovation and process optimization, the company achieves efficient resource utilization and reduces its environmental footprint. From the construction to the decommissioning phases of storage facilities, the company assesses resource consumption and environmental impact, prioritizing recyclable building materials and low-emission sealing materials while extending equipment service life to reduce lifecycle resource waste. In 2024, to promote circular economy development and reduce resource waste and environmental impact, Great River Smarter Logistics actively advanced drum recycling initiatives. According to precise statistics, in 2024, the company achieved 700,866 entries of recycled drums (based on the 200L steel drum measurement standard).  
(1) The company established a specialized oil and gas recovery innovation working group to address shortcomings in oil depot exhaust gas management. Regular maintenance of vapor recovery units and removal of accumulated liquid in pipelines ensure smooth operation of oil and gas recovery systems.  
(2) The company implemented standardized upgrades to hazardous waste management facilities to ensure unified collection and handling of hazardous waste generated during daily operations. These materials are regularly transferred to qualified third-party contractors for legally compliant disposal in accordance with regulatory requirements.

## Case Study

### Changshu Terminal Base: Distributed Photovoltaic Project Advancing Clean Energy Transition

Changshu Terminal Base, in collaboration with Changshu GR New Energy Development Co., Ltd., systematically advanced clean energy transition through the "Changshu GR Terminal (250.56 kWp) and Changshu Hongzhi Terminal (460.52 kWp) Distributed Photovoltaic Project." This project employs distributed photovoltaic technology to strengthen local consumption of renewable energy, demonstrating the company's positive response to green production system construction and the "14th Five-Year Renewable Energy Development Plan," providing a replicable clean energy solution for regional low-carbon development. The project began construction in June 2024, passed acceptance in August of the same year, and generated a cumulative 244,008 kWh during its September-December operational period. Changshu GR Terminal and Changshu Hongzhi Terminal contributed 90,537.6 kWh and 153,470.4 kWh of clean electricity, respectively. Calculated using China's regional power grid baseline emission factor, this equates to a reduction of approximately 191 tons of carbon dioxide emissions (Note: calculated at 0.785 kg CO<sub>2</sub> /kWh), effectively optimizing the energy structure of the Changshu Terminal Base and reducing its carbon footprint.



Changshu Terminal Base photovoltaic power generation facilities

**Taicang Power Shell Terminal:  
Renovating and Upgrading the Vapor Recovery System**

To enhance environmental performance and safety production standards, Taicang Power Shell Petrochemical initiated a green upgrade of its vapor recovery system in 2024. The company plans to phase out three existing single-channel processing facilities (port 1×300Nm<sup>3</sup>/h, terminal area 2×200Nm<sup>3</sup>/h) due to insufficient processing capacity and safety risks from ice blockages. Instead, the company is investing 15 million yuan to construct 3 new high-efficiency classified treatment devices: dedicated methanol/gasoline recovery units (1×300Nm<sup>3</sup>/h each) at the tank area loading platform and an additional 1×1200Nm<sup>3</sup>/h gasoline recovery system for vessel loading at the port, enabling precise treatment of operational exhaust gases. This project has been registered with the Taicang Port Economic Development Zone (March 4, 2024) and is expected to reduce volatile organic compounds (VOCs) by 604 tons annually. By improving equipment processing efficiency and anti-freezing performance, the project simultaneously strengthens environmental risk prevention and control capabilities, fulfilling the company's commitment to pollution reduction, carbon reduction, and sustainable development.



Taicang Power Shell Terminal vapor recovery devices

**Taicang Power Shell Terminal and Nantong Power Shell Terminal:  
Systematically Building a Comprehensive Ship Pollution Control System**

As port operators, Taicang Power Shell Terminal and Nantong Power Shell Terminal have positioned themselves as "guardians of aquatic ecosystems" by systematically developing a comprehensive ship pollution control system. Responding to the Yangtze River Protection Law and local government pollution prevention requirements, the companies have invested in specialized tank cleaning stations equipped with efficient treatment facilities, focusing on harmless disposal of high-risk pollutants such as chemical tank washing water and oily wastewater from inland vessels. In 2024, they collectively received and treated 15,070.00 tons of ship wastewater, achieving a COD reduction of 230.87 tons. Calculated using the International Maritime Organization (IMO) carbon intensity indicator, this environmental achievement is equivalent to reducing carbon emissions from fuel-powered vessels by approximately 580.00 tons of CO<sub>2</sub>e.



Nantong Power Shell Terminal tank cleaning station and Taicang Power Shell Terminal tank cleaning station

**Fujian Gangfeng Energy: Deeply Integrating Green Operations and  
Cost Control, Implementing Low-Carbon Transition Through Refined  
Energy Dispatching Mechanisms**

Based on time-of-use electricity pricing policies (peak prices are 4.4 times higher than off-peak and normal periods are 2.7 times higher), Fujian Gangfeng Energy has systematically optimized the operation of its air compression and nitrogen generation units. The company tracks pipeline pressure and electricity price fluctuations in real-time, dynamically adjusts equipment load, and forms an energy-saving closed loop that coordinates "demand response-energy storage buffering-alternative energy." Operations such as pipeline purging are scheduled during off-peak electricity periods (00:00-08:00), and air storage tanks are utilized to ensure energy supply during morning shifts, reducing energy consumption during high-carbon periods. Through a combination of time-shifted peak avoidance and energy substitution measures, the company achieves monthly electricity cost savings of 6,000.00 yuan while simultaneously reducing dependence on fossil energy during grid peak periods and indirectly cutting carbon emissions (Note: Based on China's average grid emission factor of 0.785kg CO<sub>2</sub>/kWh, the annual carbon reduction is approximately 45 tons of CO<sub>2</sub>).

**Rizhao GR Terminal: Focusing on Intensive Water Resource Utilization  
in the Petrochemical Storage Industry, Solving High Water Consumption  
Challenges in Tank Cleaning Through a Dual-Drive Model of  
"Technological Innovation + Recycling Systems"**

Rizhao GR Terminal has introduced intelligent high-pressure cleaning technology, employing adjustable fan nozzles (10-100MPa dynamic pressure adaptation) and a closed-loop water recycling system to achieve a complete water-saving process of "precise spraying-real-time recovery-cascade purification." Taking a 10,000 cubic meter storage tank as an example, the water consumption per cleaning operation has been sharply reduced from 40 cubic meters with traditional processes to less than 6 cubic meters, achieving a water-saving rate exceeding 85%. Energy consumption per tank cleaning has decreased by approximately 30%, while ensuring zero escape of cleaning residues, balancing operational safety and ecological protection. To date, Rizhao GR Terminal has completed cleaning of 3 storage tanks, saving 85 cubic meters of fresh water. Based on the carbon footprint calculation for industrial water use in the Yellow Sea region (0.15kg CO<sub>2</sub>e/ton of water), the annualized carbon reduction reaches 12.8 tons, while simultaneously reducing the ecological disturbance to surrounding wetlands from water extraction.



Intelligent high-pressure tank cleaning operation



# Ecological Environmental Protection



## Soil and Biodiversity Protection

Great River Smarter Logistics strictly complies with the Environmental Protection Law of the People's Republic of China, the Soil Pollution Prevention and Control Law of the People's Republic of China, the Land Administration Law of the People's Republic of China, the Technical Specifications for Soil Environmental Monitoring, and other regulatory requirements. The company conducts soil monitoring for its subsidiaries. In 2024, soil monitoring was legally carried out 4 times, with all monitored parameters meeting standards. This work will continue in the future to track specially monitored factors in soil and provide decision-making references for daily management.

### Case Study: River Fish Stock Enhancement to Protect Biodiversity

On May 22, 2024, the 24th International Day for Biological Diversity, Great River Smarter Logistics actively responded to biodiversity protection initiatives by deeply participating in the "Conserving Fishery Resources, Building a Beautiful Home" - Dongguan City 2024 River Fishery Resource Enhancement Release Event. This event was jointly organized by the Dongguan Agricultural and Rural Affairs Bureau, Shilong Town People's Government, the Municipal Marine Comprehensive Law Enforcement Team, and the Agricultural, Forestry, and Water Affairs Bureaus of riverside towns. Focusing on the theme "Biodiversity, Engaging You and Me," Great River Smarter Logistics maintained a highly responsible attitude toward the ecological environment and joined hands with various stakeholders to contribute to maintaining regional ecological balance and promoting sustainable development of biodiversity through practical actions of fishery resource enhancement. This initiative demonstrated the company's social responsibility in ecological environmental protection and interpreted the company's profound understanding of social responsibility through concrete actions, dedicated to advancing the beautiful vision of harmony between humans and nature at the local level.



# Climate Change Response



Climate change is having an increasingly severe impact on human activities and has become a global concern, prompting countries worldwide to introduce policies in response. The Chinese government has proposed a "dual carbon" strategy aimed at promoting comprehensive green transformation of the economy and society, contributing China's strength to global climate governance. Climate change and various national response policies present new challenges to business models, value chains, strategies, decision-making, and financial conditions of enterprises, while also creating development opportunities for companies that proactively plan their transition strategies.

Great River Smarter Logistics recognizes the impact of climate change on the company and has disclosed information this year in accordance with the Task Force on Climate-Related Financial Disclosure (TCFD) initiative. The Strategy and Sustainable Development Committee of the company's Board of Directors is actively preparing to establish the foundation for strict adherence to the TCFD framework in disclosing climate-related financial information, including preparations for building a climate change risk management organizational system and researching scenario analysis methods.

## Climate Change Governance

Great River Smarter Logistics actively responds to the 1.5°C temperature rise target proposed in the Paris Agreement and the "Action Plan for Carbon Peaking Before 2030" issued by the State Council. The company complies with the requirements of the "International Financial Reporting Sustainability Disclosure Standard No. 2 - Climate-Related Disclosures," the "Shenzhen Stock Exchange Listed Companies Self-Regulatory Supervision Guidelines No. 17 - Sustainability Report (Trial)," and the "Shenzhen Stock Exchange Listed Companies Self-Regulatory Supervision Guide No. 3 - Sustainability Report Preparation." Based on its ESG governance structure and internal systems, the company has integrated climate change governance.

Climate Change Governance Framework

Level	Institution	Functions
Decision-making Level	Board of Directors	Responsible for supervising the company's ESG and climate-related work, including reviewing and guiding climate-related strategies, major action plans, and risk management policies; determining organizational performance objectives, monitoring implementation and performance; monitoring and supervising progress in addressing climate-related goals and targets.
Management Level	HSE & Innovation Committee of Board of Directors and HSE Management Office	Responsible for evaluating and managing ESG and climate-related work, assisting the Board in supervision, and guiding the executive level in conducting specific tasks; incorporating ESG and climate-related impacts, risks, and opportunities into the company's overall decision-making considerations; regularly reporting to the Board on the status of ESG and climate-related work, as well as the completion of relevant indicators and targets; responsible for organizing regular ESG and climate information disclosure.
Executive Level	Headquarters Functional Departments, Business Departments	Composed of full-time/part-time employees responsible for ESG and climate-related work from various centers and terminal subsidiaries; responsible for advancing the company's ESG and climate work; regularly submitting ESG and climate work performance reports; ensuring smooth communication channels with stakeholders.

## Risk Identification and Analysis

To strengthen safety management and emergency prevention for sudden weather events such as typhoons, heavy rain, fog, cold waves, and high temperatures, and to ensure scientific, powerful, orderly, and effective meteorological disaster emergency response, protect company storage facilities and personnel safety, and minimize casualties and property losses caused by meteorological disasters, the company has established the "Great River Smarter Logistics Sudden Weather Disaster Emergency Work Guidelines" in accordance with the "Emergency Response Law of the People's Republic of China," "Meteorological Law of the People's Republic of China," "Meteorological Disaster Prevention Regulations," and related requirements.

**The system identifies the following major climate risks and their potential impacts:**

**Typhoons:** May cause damage to storage facilities, operational interruptions, cargo damage, and personnel safety hazards.

**Heavy rain:** Causes flooding, moisture damage to goods, equipment short circuits, and transportation disruptions.

**Fog:** Affects logistics transportation efficiency and increases traffic accident risks.

**Cold waves:** Leads to equipment freeze damage, pipeline ruptures, and decreased operational efficiency.

**High temperatures:** Threatens employee health and increases chemical storage risks (such as spontaneous combustion, evaporation).

**Storm surges:** Affects dock operation safety and vessel berthing/unberthing safety.

## Principles for Optimizing Emergency Response to Sudden Weather Disasters

Prioritize prevention by configuring redundant materials based on historical extreme values and establishing dynamic risk assessment mechanisms;

Uphold the principle of life-first, implementing "evacuate when appropriate," prioritizing vulnerable groups (elderly, weak, sick, disabled, pregnant), and ensuring safety of emergency personnel;

Integrate real-time monitoring using meteorological satellites, government platforms, and international warning data;

Develop standardized material lists (sandbags, drainage pumps, etc.), implementing fixed-point storage and intelligent distribution;

Build a collaborative mechanism of "government leadership + community coordination + social rescue" to ensure the entire chain of early warning, response, and handling is connected.

## Emergency Leadership Group for Sudden Weather Disasters

Each entity establishes an Emergency Leadership Group for sudden weather disasters (hereinafter referred to as the Leadership Group) to provide unified leadership and command for prevention and emergency response to sudden weather disasters. The HSE Department serves as the emergency office responsible for comprehensive coordination of emergency response. Other departments establish emergency teams according to their responsibilities to organize emergency response work.

**Leadership Group responsibilities:**

Implement directives from government regulatory departments and Great River Smarter Logistics headquarters, and deploy emergency response work for sudden weather disasters;

Review and issue emergency work documents and information materials, and issue emergency instructions;

Arrange meetings, conduct on-site inspections, implement timely corrections, and arrange personnel on duty; prepare for the worst with the most thorough preparations;

Command and dispatch resources including personnel, materials, funds, and technical equipment needed for emergency response;

Command the handling of other major emergencies during the sudden weather disaster emergency process;

Decision on personnel evacuation;

Decision on emergency rescue operations;

Announce the initiation and termination of alert status;

Announce the initiation and termination of emergency status;

Announce the resumption of work and production.

## Sources, Collection and Distribution of Meteorological Forecast Information

**Sources of meteorological forecast information:**

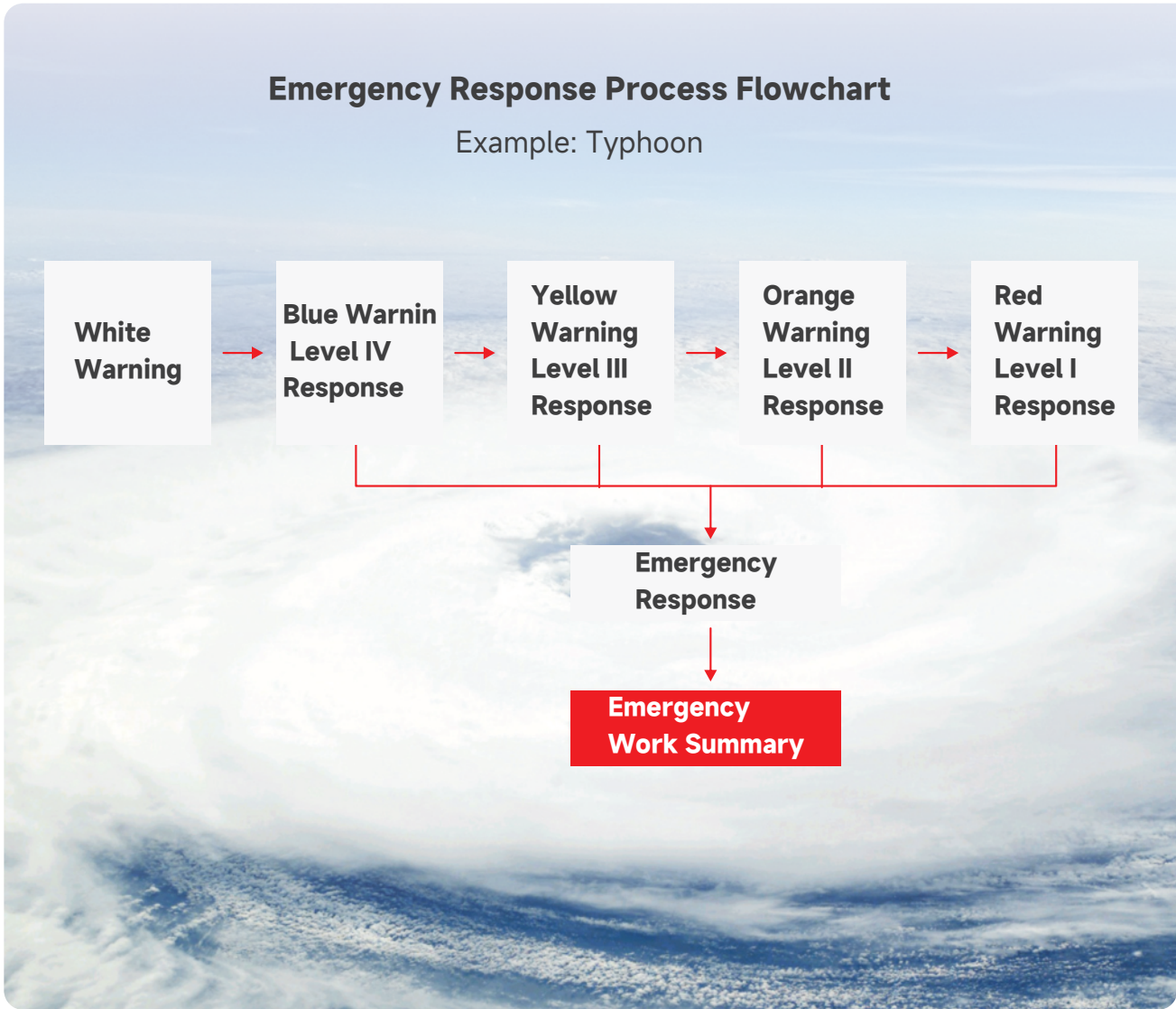
Information released by local meteorological stations through radio, television, and websites;  
Industry and regional authorities to which the company belongs; port authority (port and shipping center), maritime bureau releasing information via telephone and fax;  
Central Meteorological Observatory typhoon website, Hong Kong Observatory website.

Among the above information, government authorities' information serves as the basic reference for preventive work, while other information serves as supplementary analysis reference.

**Collection and distribution of meteorological information:**

Starting from notification by the HSE Department, the control room is responsible for tracking and recording meteorological information once per hour. When government authorities initiate a Level IV response, this must be reported to all department managers and company leaders, with additional reports each time the response level changes, until the warning signal is lifted.

The HSE Director (Manager) and Business Department Manager (Shipping) maintain dynamic communication with government authorities.





# Climate Change Strategy and Management

Great River Smarter Logistics places high importance on the impact of climate change on the company. This year, the company has disclosed information according to the Task Force on Climate-Related Financial Disclosure (TCFD) initiative, systematically identifying, evaluating, and managing climate risks faced by the company, laying the foundation for further deepening climate management work in the future.

Great River Smarter Logistics categorizes climate-related risks and opportunities with reference to the "Final Report: Recommendations of the Task Force on Climate-Related Financial Disclosures." Based on industry characteristics including cash flow, investment and business cycles, legal jurisdictions of relevant policies, the nature of risks or opportunities, asset lifespans, and other factors, the company defines the time horizons for risks and opportunities that may have significant impacts. "Short-term" refers to within 1 year (inclusive) after the end of the company's current reporting period; "Medium-term" refers to 1-5 years (inclusive) after the end of the company's current reporting period; "Long-term" refers to more than 5 years after the end of the company's current reporting period.

The company has analyzed the potential impacts of different risks and opportunities on its business model, operations, development strategy, financial position, operating results, cash flow, financing methods, and costs. Through comprehensive assessment of the likelihood, magnitude, and impact pathways of various risks and opportunities, the company prioritizes these factors and evaluates the adaptability of its strategy and business model to climate change. The company has proposed transition plans, measures, and progress for addressing climate-related risks and opportunities, and has integrated climate-related impact, risk, and opportunity management processes into its internal management processes. The relevant risks and opportunities, their timeframes, impacts, priorities, as well as the company's adaptability, transition plans, and measures are shown in the table below.

Transition Risks					
Climate-related Risks	Risk Description	Financial Impact	Response Measures	Time Frame	Materiality
Policy and Legal Risks	ESG Reporting Obligations	The increasingly improved domestic enterprise sustainability information disclosure system poses higher ESG-related information disclosure requirements for Great River Smarter Logistics. Failure to disclose relevant information in a timely manner may result in compliance risks.	Increased costs, increased non-operating expenses	The company regularly discloses environmental information as required by laws and regulations, and develops and publishes independent ESG reports.	InterimHigh
	Carbon Reduction Requirements and Regulation	The company's main business belongs to the petrochemical industry, which is a key industry under dual carbon policy control. Under the "dual carbon" goals, the company may be subject to stricter carbon reduction requirements and supervision, potentially resulting in legal liabilities, regulatory measures, and property losses due to non-compliance with relevant regulations.	Increased costs, increased non-operating expenses	The company continues to pay attention to dual carbon policy work to improve energy utilization efficiency and optimize energy structure, promoting a comprehensive green transformation of economic and social development. The company continuously monitors dual carbon policy developments to improve energy efficiency and optimize energy structure, promoting comprehensive green transformation of economic and social development. The company will continue to increase investment in and implementation of emission reduction measures, monitor carbon market developments, strengthen cooperation with governments, industry associations, research institutions, etc., to jointly explore emission reduction pathways and technological innovation, and strengthen external environment monitoring and assessment to adjust emission reduction strategies in a timely manner in response to policy changes.	InterimHigh

	Environmental Standards	As a key pollutant discharging entity published by environmental protection departments, with increasingly stringent environmental standards, the company needs to invest more funds and technology to meet these requirements, thereby increasing operating costs.	Increased costs	In response to strengthened environmental regulations and implementation, the company adjusts production methods and technical equipment, enhances understanding of regulations, and establishes a sound compliance system to ensure that the company's operations comply with legal requirements.	InterimHigh
	Carbon Market	The successive introduction of global carbon emission rights supporting control and adjustment mechanisms may lead to increased business operations and financial costs.	Increased costs	The company will adapt to relevant changes through developing carbon emission management strategies, optimizing production processes, participating in carbon market trading, promoting clean energy, strengthening monitoring and reporting, and raising employee awareness to ensure sustainable business development.	InterimHigh
Technology Risks	Technology Risks	Dual carbon policies require enterprises to undergo low-carbon transition, necessitating cost investment in research, development, and deployment of energy-saving and environmental protection technologies, generating additional costs during the process, while facing risks of technology R&D and deployment failure.	Increased costs	The company has established a Science and Technology Innovation Office, actively conducting research and development work related to environmental protection and emission reduction processes, environmental management monitoring systems, and other green technologies. The company will conduct thorough market research and technology assessment before investing in energy-saving and environmental protection technology R&D to ensure investment feasibility and return rate, promoting the transition to green production and operation modes.	Long-termMedium
	Low Carbon Transition Competition	If enterprises fail to identify and apply energy-saving and environmental protection technologies in a timely manner during the low-carbon transition process, it will lead to service levels lagging behind industry peers in low-carbon transition, resulting in customer loss.	Decreased revenue		
Market Risks	Energy Price Fluctuations	Carbon emission control measures and policies in the international community affect fossil fuel costs, potentially leading to increased company costs.	Decreased revenue	The company addresses market risks brought by rising energy costs through optimizing energy structure, implementing energy consumption management, and establishing environmental management systems.	InterimMedium
	Customer Preference for Low-Carbon Services	If customers served by the company also set carbon reduction targets, they will prefer enterprises providing low-carbon logistics services to help achieve their carbon goals. If the enterprise cannot provide green services meeting customer needs, it may lead to customer loss.	Decreased revenue	The company actively participates in environmental protection activities and promotes green supply chain construction to actively respond to market risks that may arise from changing customer demands.	InterimMedium
Reputation Risks	ESG Negative Events	Customers, investors, and other stakeholders increasingly emphasize environment-related information disclosure. When such disclosed information falls below stakeholder expectations, it may adversely affect the company's corporate image and reputation, reducing capital market recognition of the company.	Decreased revenue	The company has always aimed to create an industry benchmark enterprise. In addressing climate and environmental impacts faced during production and operation, the company insists on strengthening environmental management and supervision, improving energy efficiency and reducing emissions, implementing green supply chain management, establishing environmental information disclosure mechanisms, regularly publishing social responsibility reports, establishing emergency plans, and obtaining third-party certifications to maintain company reputation and enhance stakeholders' investment willingness.	Short-termHigh



Physical Risks

Climate-related Risks	Risk Description	Financial Impact	Response Measures	Time Frame	Materiality	Climate-related Risks	Risk Description	Financial Impact	Response Measures	Time Frame	Materiality				
Short-term Risks	Extreme Weather Such as Typhoons, Rainstorms, and Floods	The company's headquarters is located in Dongguan City, Guangdong Province, and all storage terminal projects for petroleum, liquid, and gaseous chemical products are located in the southeastern coastal area, susceptible to typhoons, extreme precipitation, and floods. On one hand, this leads to damage to terminals, office buildings, and equipment, causing asset losses; on the other hand, it endangers employee safety, obstructs transportation, and affects normal company operations and production.	Increased capital expenditure, increased costs, decreased revenue	Short-term	High	Long-term risk	Rising Average Temperature	Increased costs, decreased revenue	The company shortens continuous operation time based on work conditions; requires incoming vehicles to be water-cooled before operation; requires vessel decks at terminal operations to be water-sprayed for cooling before operation, and vessels unable to leave berths after stopping operations must continue water spray cooling measures; during high-temperature weather, continuously monitors material temperature in storage tanks, taking cooling measures when necessary; strengthens temperature monitoring of special chemical material storage tanks, pipelines, and warehouses to prevent material deterioration due to high temperatures; monitors radar level values of storage tanks daily; strengthens pipeline depressurization management; enhances parking management of external operation vehicles, arranges special personnel for inspection, and adopts water spraying measures for cooling. The company completes occupational health examinations for employees before summer and establishes occupational health monitoring files; organizes relevant high-temperature operation safety training before summer to strengthen high-temperature safety operation awareness; provides protective and health products that meet requirements, such as parasols, towels, sun hats, cooling drinks, and heat stroke emergency kits; establishes high-temperature emergency measures, with immediate necessary first aid and medical treatment for those found with heat stroke.	Interim	Medium				
							Sea Level Rise					Increased capital expenditure, increased costs, decreased revenue	The company has formulated a special flood prevention emergency plan.	Long-term	Low
							Long-term risk	The company's headquarters and storage terminals are located at relatively low elevations near the sea, making them vulnerable to sea level rise. Rising sea levels may damage terminal facilities and warehouses, affecting transportation efficiency, increasing maintenance costs while reducing business revenue.							



# Carbon Emission Accounting and Management

From the perspective of enhancing ESG (Environmental, Social, and Governance) governance capabilities, Great River Smarter Logistics systematically promotes low-carbon transformation with "professional carbon management" as its core. 1.Through preliminary special training on "Enterprise Carbon Accounting and Low-Carbon Development Practices," the company has completed cross-terminal talent team building, enabling employees to master carbon emission boundary definition, monitoring system construction, and data traceability management capabilities. This ensures the completeness and accuracy of Scope 1 (direct emissions) and Scope 2 (indirect emissions from purchased energy) accounting, strengthening the foundation of carbon emission data governance.



Great River Smarter Logistics "Carbon Accounting and Low-Carbon Development Practices" Special Training in 2024

Based on capacity building achievements and in accordance with "ISO14064-1:2018 Specification with Guidance at the Organization Level for Quantification and Reporting of Greenhouse Gas Emissions and Removals" and the "Greenhouse Gas Protocol (GHGP)," the company has initiated a company-wide carbon inventory plan for 2024:

Boundary Verification Stage: Each terminal defines organizational operational boundaries, clarifies emission source attribution to Scope 1/2, and ensures accounting framework compliance;

Data Traceability Stage: Identifies key emission sources and greenhouse gas types, collects original activity data such as energy consumption and electricity/heat purchases, and matches with authoritative emission factor databases;

Quantitative Analysis Stage: Uses standardized tools to complete energy consumption conversion calculations, generates carbon emission inventories by terminal and summarizes group totals, constructing dynamic emission baselines;

Completed carbon emission datasets for 2023 and 2024 and formed the "Great River Smarter Logistics Carbon Emissions Summary Table" to support carbon performance benchmarking and emission reduction pathway optimization;

Plans to compile the "Great River Smarter Logistics Carbon Emission Analysis Report" in 2025 to provide decision-making basis for setting scientific carbon targets, disclosing TCFD climate information, and responding to "dual carbon" policies, demonstrating environmental responsibility and transparent governance commitments.

Main Approach	Carbon Emission Data
Analysis of domestic and international standards, regulatory requirements and best practices, combined with current management status, to conduct greenhouse gas inventory ensuring the company's carbon emissions are measurable, reportable and verifiable (MRV).	Methodology Development Review of domestic and international standards, regulatory requirements and best practices, and develop carbon disclosure principles and indicators for this report
Purpose To ensure carbon emission calculations comply with external regulatory requirements and to ensure establish carbon emissions that meet measurable, reportable and verifiable principles	Boundary Setting and Baseline Year Establishment Assessment of enterprise-owned and controlled operations and facilities, therefore develop definition of organizational and reporting boundaries
	Emission Source Identification Mapping of direct, indirect and other indirect emission sources Determination of key emission points
	Calculation Methods and Emission Factors Selection of appropriate greenhouse gas calculation tools for this project Identification of emission factors requiring measurement and supporting documentation
	Activity Data Collection Methodology Prioritization of data collection activities Establishment of data collection protocols
	Carbon Data System Development Workshop Presentation of carbon data system framework Refinement based on departmental feedback
	Carbon Data System Finalization Establishment of data collection pathways and requirements Implementation of comprehensive carbon emission data system

# Carbon Reduction Measures and Targets

With green and low-carbon development as its core, Great River Smarter Logistics has clarified its carbon neutrality pathway: By 2025, the company aims to create its first zero-carbon factory, achieving carbon-free operations through renewable energy applications, low-carbon processes, and intelligent energy management, establishing an industry benchmark for green manufacturing. The company controls carbon emission growth through energy structure optimization, energy efficiency improvement, and low-carbon supply chain management, with a preliminary plan to peak emissions before 2030 and achieve carbon neutrality by 2060, reaching net-zero emissions in operations and value chains. By 2025, the company plans for Changshu GR Terminal to become Great River Smarter Logistics' first zero-carbon factory. In the future, the company will drive industrial low-carbon transformation through technological innovation and management reform, contributing to global climate governance and sustainable development.

2024

Scope 1 (tCO2e)	Scope 2 (tCO2e)	total release (tCO2e)
2,779.50	21,901.07	24,680.57



# 5

## Employee Recruitment and Development

Employee Recruitment and Turnover

Employee Benefits and Care

Employee Training and Development

Employee Health and Safety

Safety Management System

Safety Impacts, Risks, and Opportunities Management





# Employee Recruitment and Development



The company strictly adheres to the Labor Law of the People's Republic of China (hereinafter referred to as the "Labor Law"), the Labor Contract Law of the People's Republic of China (hereinafter referred to as the "Labor Contract Law"), and other relevant laws and regulations, as well as the company's Recruitment Management Policy:

## Compliant Employment Practices

In accordance with regulations, the company verifies identity information and relevant documentation during the recruitment process to ensure all hired employees are at least 18 years of age. Labor contracts are signed on the first day of employment, ensuring full compliance with legal employment requirements. Equality and Diversity

The company adheres to the principles of "openness, equality, competition, and merit" in its recruitment process. Decisions are made irrespective of gender, ethnicity, religious beliefs, or referral source, with a zero-tolerance policy toward discrimination in any form. Women represent **18.47%** of the company's workforce and hold **23.72%** of management positions.

## Talent Acquisition and Retention

The company consistently upholds a corporate culture centered on "employee care." Our comprehensive talent acquisition strategy encompasses campus recruitment, social recruitment, and internal promotions, continuously optimizing our talent structure and expanding our talent pool. For campus recruitment, we have established long-term partnerships with multiple comprehensive universities. We enhance our employer brand through university donations, career planning courses, and on-campus career guidance exchanges. Our social recruitment efforts utilize multiple channels including online platforms, job fairs, executive search firms, and employee referrals. Internal mobility is strongly encouraged, with eligible employees able to apply for positions through a structured interview process, providing diverse career path options. The company also strategically reassigns internal talent to enhance organizational efficiency and support business development needs.

For departing employees, department heads and HR representatives conduct two rounds of exit interviews to gain deeper insights into their decision-making process. This approach not only offers an opportunity to retain top talent but also provides valuable feedback for continuous improvement of workplace practices and management systems, ultimately enhancing employee satisfaction.

# Employee Benefits and Care



## Employee Benefits

The company earnestly implements its corporate culture centered on "employee care," strictly adhering to the Labor Law, Labor Contract Law, and other relevant regulations to safeguard employees' legitimate rights. Beyond statutory benefits, the company has developed a comprehensive benefits system based on overall employee needs:

### Employee Protection

Heat subsidies, staff dormitories, health services, shuttle transportation, travel allowances, group commercial accident insurance, and employee mutual assistance insurance

### Statutory Benefits

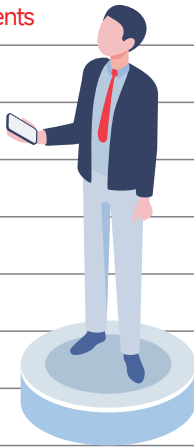
Housing provident fund, pension insurance, maternity insurance, medical insurance, unemployment insurance, and work-related injury insurance

## Incentives and Performance Assessment

### Equity Incentives

Housing provident fund, pension insurance, maternity insurance, medical insurance, unemployment insurance, and work-related injury insurance

Year	Incentive Type	Number Granted (10,000 shares/options)	Number of Recipients
2019	Stock Options	98.50	65
	Restricted Stock	50.00	8
2020	Stock Options	1,000.00	87
2021	Stock Options	1,000.00	119
2022	Stock Options	1,000.00	153
2023	Stock Options	578.00	191
2024	Stock Options	715.50	226



## Performance Assessment

Based on its respect for talent value, the company has established a performance management system designed to unlock employee potential and facilitate personal achievement. This system aligns individual, departmental, and organizational performance objectives to effectively execute the company's strategic implementation plans. Employee compensation is closely linked to performance, following principles of "openness, fairness, and equity" in comprehensive performance evaluations. The company's Remuneration and Evaluation Committee formulates performance assessment policies, providing guidance throughout the evaluation process and communicating feedback on results to help employees improve performance and foster healthy competition.

### Monthly Star Rating Assessment

Based on different levels of performance, five rating standards have been established. Direct supervisors evaluate each employee's monthly performance with a star rating, directly linking results to monthly performance bonuses—higher ratings yield higher rewards.

### KPI and Special Project Assessments

Targeted KPI and special project assessments are implemented for key positions, guiding employees to focus on input and output in critical performance areas.

### "Quantity-Quality-Efficiency" Internal Control Assessment

To enhance customer service and elevate operational performance, the company has developed an industry-specific evaluation system for production managers and operational staff. This assessment framework examines multiple dimensions including service efficiency, product quality assurance, and product loss control. Assessment results directly influence employees' special performance bonuses, creating a clear link between service excellence and compensation.

### Cross-departmental Team Performance Assessment

To address the needs for coordinated management and communication across departments and regions, the company has established cross-functional teams for specialized projects. These teams comprise members who maintain their primary roles within their respective departments while simultaneously serving on these interdepartmental task forces. To ensure effective coordination and encourage active participation, the company has implemented a cross-departmental team performance bonus system that rewards contributions to specialized projects.



# Employee Training and Development



## Employee Training

To foster a learning organization and achieve sustainable development, the company has established a long-term vision by partnering with China Europe International Business School (CEIBS) and CEIBS Business Online to create an internal corporate university—GR Management Academy.

### GR Management Academy upholds the following:

**Mission:** To strengthen core capabilities, pursue innovation for the company's sustainable and stable development, and promote employees' long-term and substantial progress

**Motto:** Self-Cultivation, Moral Character, Professional Excellence, Innovation

Responding to the company's development needs, GR Management Academy continuously innovates its training models and methods. The Academy's "e-Learning" online platform was launched in March 2019, allowing training programs to transcend the limitations of time and space. Leveraging the online learning platform, GR Management Academy provides professional, systematic, and targeted training for employees across all levels and positions, built on three pillars: key talent development, core competency enhancement, and professional development certification.

Currently, GR Management Academy effectively functions as a talent training base, a catalyst for management transformation, a knowledge asset manager, and a corporate culture ambassador. It has become a critical strategic driver within the company, effectively ensuring sustainable, stable, and healthy corporate development.

### 2024 Training Overview

2024 Training Overview	Male	Female	Management Team	Non-Management Team
1,721	1,403	318	238	1,468

Total Offline Training Hours 61,747.51 hours Average Training Hours per Employee 36 hours

Average Training Hours - Male 39 hours Average Training Hours - Female 22 hours

Training Hours and Investment 3,064,100 yuan

Safety Education Sessions 404 Sessions Safety Training Participants 20,996 person-times

Safety Training Duration 46,671 Safety Training Participants 25 Hours

### "eEnterprise Learning" Online Platform

Online Training Participation 177,301 person-times Total Learning Hours 25,939.7 hours

Average Learning Hours per Person 15.43 hours Available Courses 24,846 courses

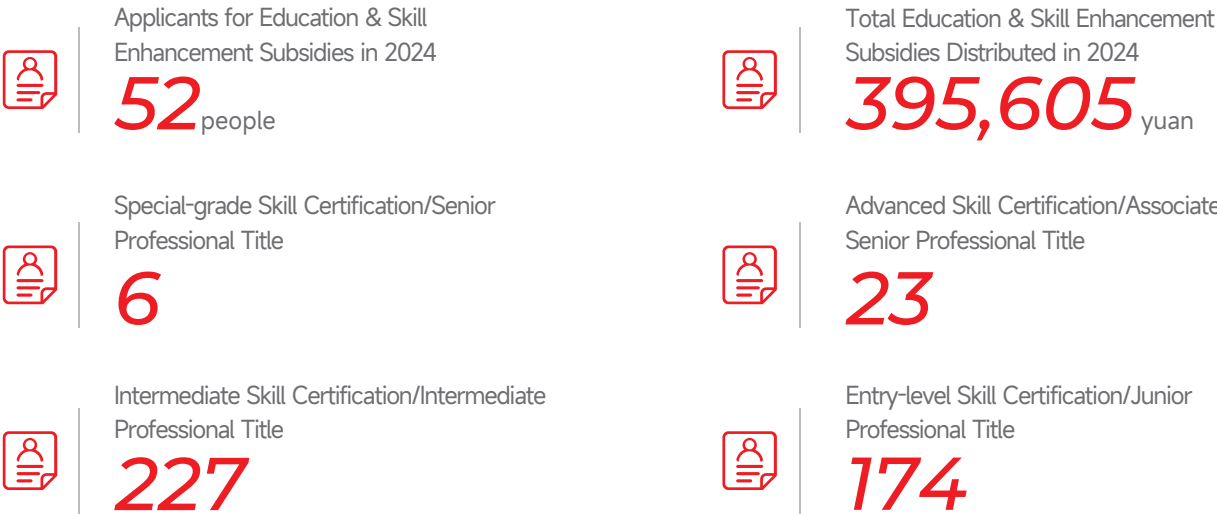




# Training System

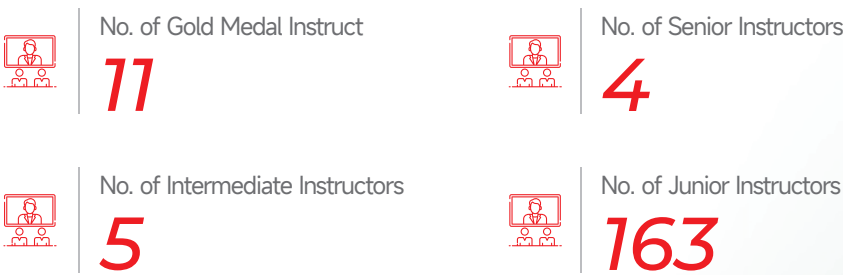
## System Development

To ensure the sustainable operation and standardized delivery of training initiatives, GR Management Academy has developed targeted frameworks across multiple dimensions. These include daily training administration, internal faculty development, curriculum design, and support for employee-driven educational advancement and skills enhancement. Together, these systems provide the foundation for fostering a robust learning organization.



## Instructor Team

Certified internal instructors are critical to the success of our training programs. GR Management Academy maintains a rigorous system of ongoing certification, empowerment, and management for its teaching faculty. By establishing clear advancement pathways, evaluation criteria, and compensation benefits, the Academy energizes its team of certified internal instructors and maximizes their effectiveness.



## Knowledge Consolidation

In its role as custodian of the company's intellectual capital, GR Management Academy has implemented standardized frameworks for curriculum development. Through regular harvesting of internal expertise and best practices, the Academy has created a suite of practical learning modules that directly address real business challenges and operational contexts. Additionally, GR Management Academy continuously refines its knowledge management approaches. By leveraging the "eEnterprise Learning" online platform for digital knowledge distribution, the Academy enhances the circulation and utilization of intellectual assets throughout the organization.



## Innovative Thinking

To foster a learning organization and enhance leadership and learning capabilities among middle and senior management, the Academy has implemented a book-sharing program for middle and senior management. Aligned with the company's practical needs, this initiative has identified key action plans focusing on business intelligence management transformation, customer relationship management, HR three-pillar construction, business process optimization, and project management advancement.



# Strategy and Talent Development

## Strategic Management Transformation

### Establishment of the Executive Management Team (EMT)

To establish a unified strategic vision and lay the groundwork for successful implementation of strategic initiatives, the company held a launch ceremony for its Strategic Management Project on August 13, 2024. The Strategic Management Project team will drive the adoption of advanced strategic frameworks and management practices, supporting the continued high-quality development of our company.

**EMT Team:** Responsible for reviewing major company operations, management, and development matters, as well as issues submitted by departments and subsidiaries.  
**EMT Director:** Assumed by the current Rotating President, responsible for chairing the monthly EMT meetings.

### Rotating President System

During their tenure, the Rotating President serves as the highest responsible officer for the company's operations and crisis management, accountable for the company's survival and development.

## "Executive Management Team" Project

To accommodate the company's rapid expansion, growing number of subsidiaries, and increasing management scope and complexity, timely adjustments to the company's operational and management organizational structure have become necessary. The Excellence Business School was engaged to implement the Executive Management Team project, providing online and offline guidance and training for the company's EMT team and business partners in various centers/units.

Consulting Project Investment Cost	Sessions Conducted	Total Days
207.5 million yuan100%	5 sessions	25 days

## Core Competency Enhancement

### HSE Capability

To strengthen the foundation of the company's safety management system, develop a professional safety management talent pool, and comply with regulatory requirements such as the "Classification Management Measures for Certified Safety Managers" and other safety laws and regulations. Building on previous experience with Certified Safety Engineer exam preparation, GR Management Academy enhanced its approach by implementing a blended learning format combining "in-person intensive training sessions with online review support." This new methodology effectively increased both the exam pass rate and the overall percentage of certified professionals within the company during the 2024 Certified Safety Engineer examinations.

No. of Candidates Certified in 2024	2024 Certification Pass Rate
13 people	32.5% (higher than the national average pass rate of 7.5%-8.7%)

### Customer Service Capabilities

"Providing quality service to customers" is the company's mission. In response to the need for enhanced service capabilities in customer-facing positions, GR Management Academy implemented customer service training across all units and departments. Through a combination of online skill development, in-person case discussions, and continuous performance improvement initiatives, employees progressed from conceptual understanding to behavioral change and ultimately performance enhancement. This comprehensive approach has resulted in significant improvements in employee service capabilities and increased customer satisfaction.

Post-training Average Customer Satisfaction	Improvement in Service Capability Evaluation by Direct Supervisors
99.4 points	11%

### Professional Position Capabilities

Business development positions represent strategic roles within the company, particularly as chemical warehouse operations have progressively come online this year. A high-performing commercial team is essential for successful strategy implementation. To address this need, the Management Academy conducted multiple rounds of needs assessment with chemical warehouse leadership and relevant departments. Based on corporate strategy and business unit requirements, the Academy developed systematic training for personnel in chemical warehouse commercial roles. This initiative, known as the "Chemical Warehouse Commercial Talent Transformation Project," ensures the commercial team has both the capabilities and confidence to succeed in this critical initial phase of operations.

**Chemical Warehouse Business Talent Transformation Project:**  
Completed 4 offline courses and 12 online courses, with a 90% course completion rate and 94% action plan implementation rate.  
**Participant Competency Enhancement:** Through an integrated training approach that combines instruction with practical application, participants gained deeper understanding of product characteristics and competitive advantages, resulting in significant improvement of their overall professional capabilities. Customer Satisfaction Improvement: Customer satisfaction increased by 15 percentage points during the period.  
A three-month program was conducted for 47 participants, covering products, market expansion, and customer service through 5 offline courses and 12 online courses.

## Career Development and Certification

The company has established a professional qualification certification system for "Petroleum Storage and Transportation Operators," which has effectively enhanced the professional competence of key operational roles. In 2024, GR Management Academy collaborated with the Dongguan Human Resources and Social Security Bureau and Zhitong Vocational Training Institute to implement an innovative modern apprenticeship model. This initiative represents a transformation from simply evaluating staff competencies to building comprehensive career development pathways.

### 2024 Professional Rank Certification Status

Level 2	Level 3	Level 4	Level 5
25 people	29 people	11 people	3 people



# Employee Health and Safety



## Safety Management System

### Occupational Health and Safety Management System Development and ISO 45001 Certification

#### System Development

Great River Smarter Logistics has established an Occupational Health and Safety Management System (OHSMS) in compliance with ISO 45001 standards, covering the complete chain of risk identification-control-monitoring-improvement, including:

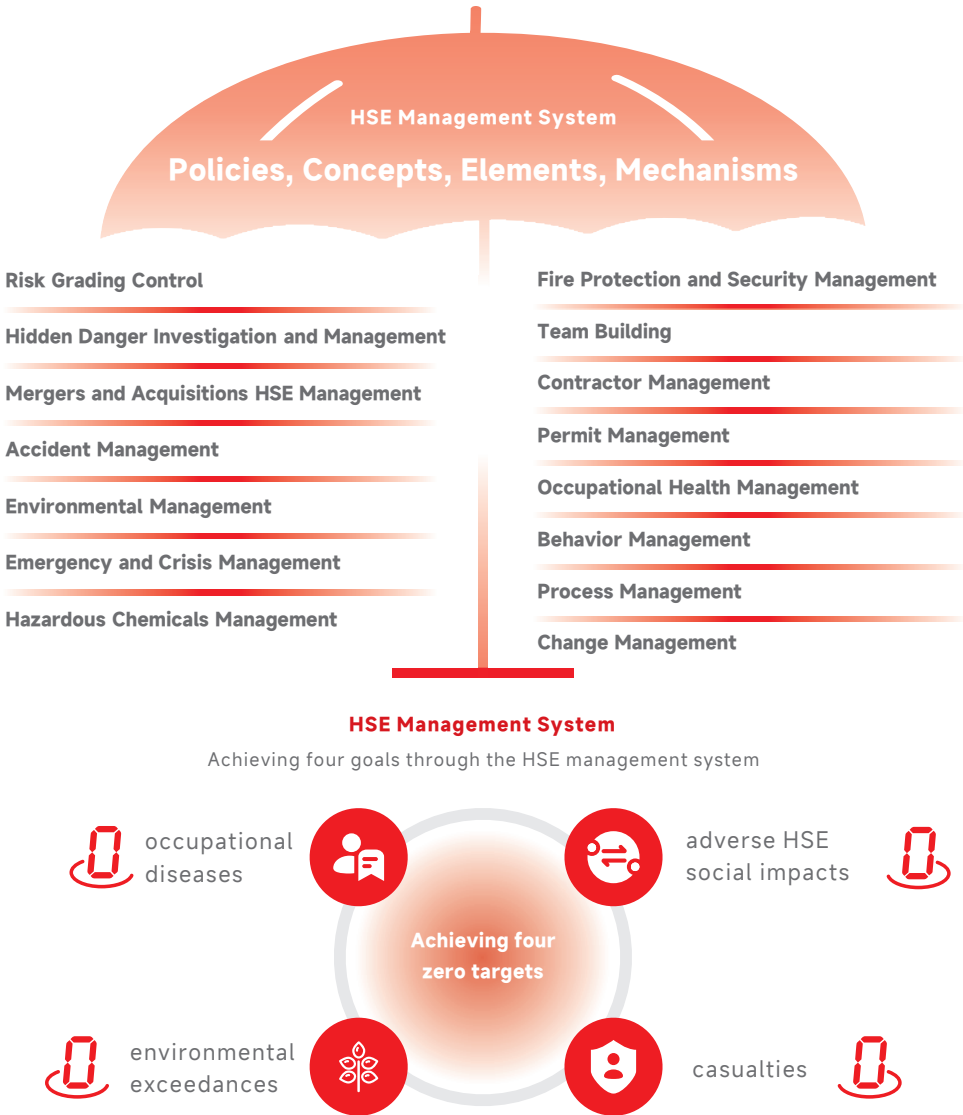
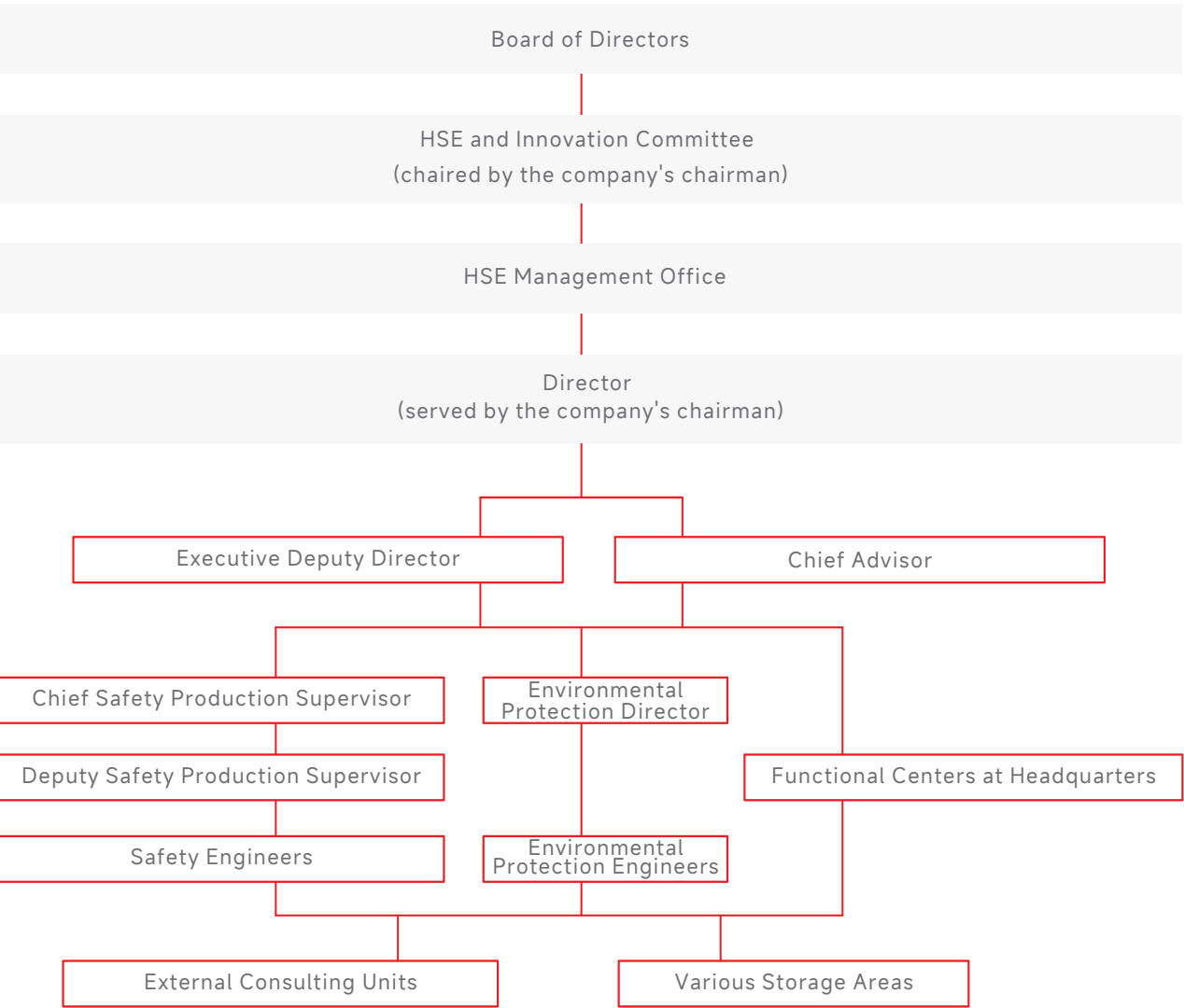
Policy Framework: Formulated core documents such as "Safety Production Responsibility System" and "HSE Management Procedures";

Risk Management: Implemented hierarchical risk control through tools such as HAZOP analysis and Job Safety Analysis (JSA);

Continuous Improvement: Ensured system effectiveness through internal audits, management reviews, and third-party certification.

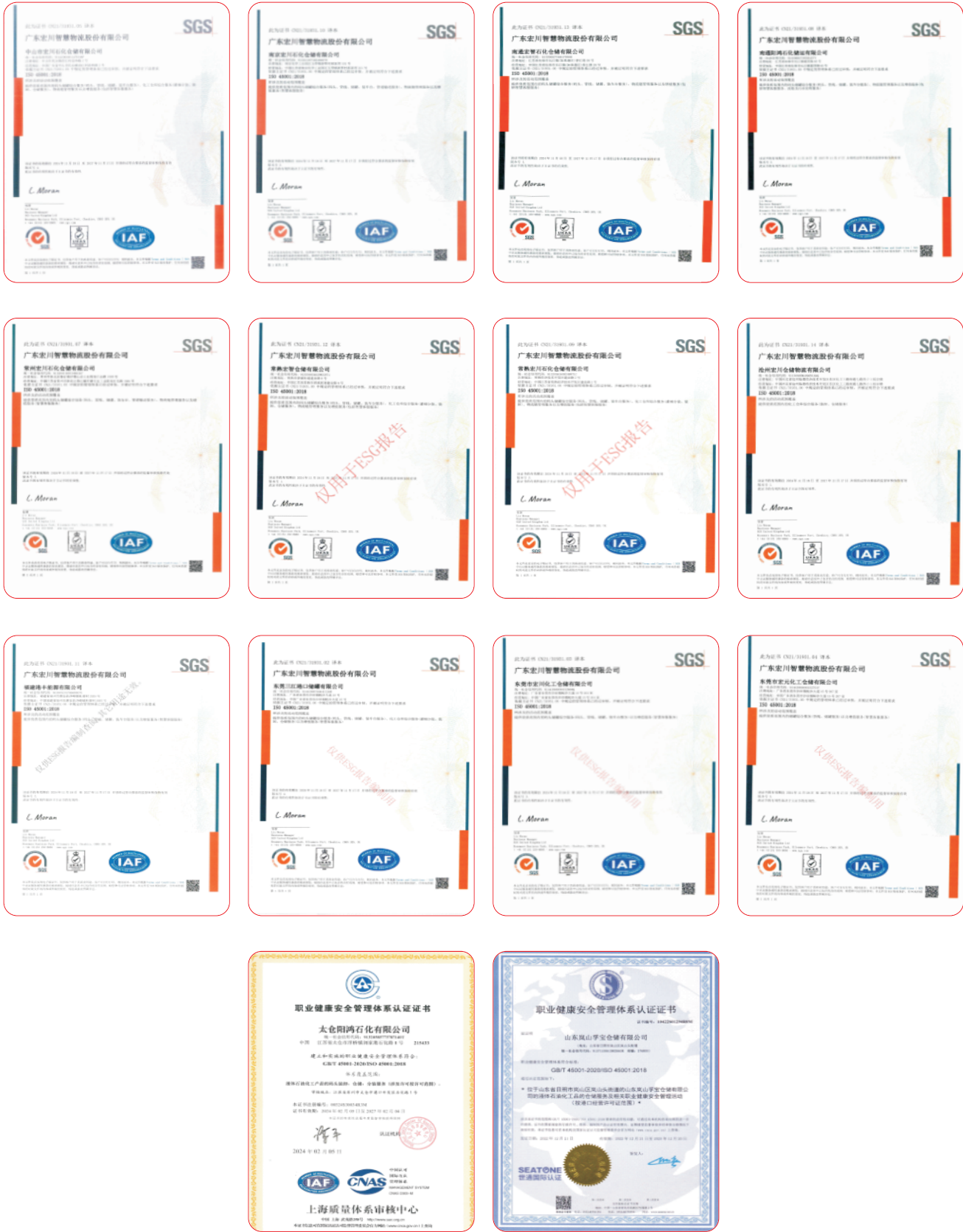


#### Organizational Structure and Responsibilities (Excerpted from "Great River Smarter Logistics HSE Management Procedures")



ISO 45001 Certification

All 14 subsidiary companies engaged in petrochemical storage services have obtained ISO 45001 certification. The certification documents are as follows:



Occupational Health and Safety Policies

Great River Smarter Logistics Headquarters HSE Tier 3 Documents

S/N	Documents	S/N	Documents
1	HSE Meeting Management Measures	15	Great River Smarter Logistics General Work Permit Management Measures
2	Operational Project HSE Inspection Management Measures	16	Great River Smarter Logistics Solid Waste Standardized Management Measures
3	Great River Smarter Logistics Standardized Solid Waste Management Measures	17	Great River Smarter Logistics Wastewater Treatment Management System
4	Great River Smarter Logistics Occupational Health Management Measures	18	Great River Smarter Logistics VOCs Control Working System
5	HSE Expert Database Management Measures	19	Great River Smarter Logistics Environmental Protection Monitoring Management System
6	Great River Smarter Logistics HSE Primary Responsibility Performance Assessment Measures	20	Great River Smarter Logistics Energy Conservation and Emission Reduction Management Measures
7	Great River Smarter Logistics Operational Incident Management Measures	21	Great River Smarter Logistics Oil and Gas Recovery Equipment Management System
8	Great River Smarter Logistics HSE Director Accountability Measures	22	Great River Smarter Logistics Environmental Emergency Response Management System
9	HSE Information Reporting Management Measures	23	Great River Smarter Logistics Environmental Information Disclosure Management System
10	Great River Smarter Logistics Construction Project HSE Management Measures	24	Great River Smarter Logistics Environmental Protection Supervision and Inspection System
11	Great River Smarter Logistics Construction Project HSE Inspection Measures	25	Great River Smarter Logistics Loading and Unloading Vehicle VOCs Control Management Regulations
12	Great River Smarter Logistics Equipment Anti-Corrosion Management Measures	26	Great River Smarter Logistics General Solid Waste Management Measures
13	Great River Smarter Logistics Construction Project Pre-Shift Safety Morning Meeting Management System	27	Great River Smarter Logistics Annual Safety Production Advanced Team Selection System
14	Great River Smarter Logistics Construction Project Equipment and Facilities Safety Management Measures	28	Great River Smarter Logistics Hazard Reporting Reward Management Measures



## Safety Production and Occupational Disease Management Training

In 2024, Great River Smarter Logistics continued to conduct capability enhancement training for middle and senior management to strengthen safety performance, including safety leadership, emergency spokesperson skills, "Three Basics" management practices, emergency scenario construction, and production safety accident accountability and management improvement. 8 training sessions were conducted in 2024, with topics including "Safety Leadership," "SIL Classification and SIS System Function Explanation and Maintenance Interpretation," "Chemical Industry Laws and Regulations," "Analysis of Typical Cases in Inspection and Maintenance," "Risk Management," "Corporate Environmental Protection Management," "Petroleum Storage Facility Design Standards," and "Safety Core Training Camp."

## Major Hazard Source Management

Great River Smarter Logistics and its subsidiaries strictly adhere to the "Interim Provisions on the Supervision and Administration of Major Hazardous Sources of Dangerous Chemicals," implementing systematic management for major hazard sources involved in petrochemical storage operations.

Compliance Filing and System Development: In accordance with regulatory requirements, 14 subsidiaries have completed classification (Levels 1-3) and local registration of major hazard sources, established "one source, one file" dynamic records, and regularly updated emergency response plans filed with regulatory authorities. The company has simultaneously implemented safety accountability systems for key personnel, clearly defining inspection frequencies and risk control checklists for management at all levels.

Technical Controls and Risk Assessment: For major hazard units such as tank farms and warehouses, the company has deployed automated temperature, pressure, and level monitoring systems with safety interlocks (such as SIS systems). Comprehensive safety assessments are conducted by third-party institutions every three years, supplemented by annual HAZOP analyses and hazard investigation reports to ensure equipment, facilities, and operational procedures comply with national standards (such as GB 18218, GB 36894).

Routine Management and Social Responsibility: The company strictly implements annual safety training plans as required by regulations, covering frontline operators, contractors, and emergency response teams. Joint response mechanisms have been established with local emergency management departments, with regular specialized drills for chemical leaks and fires. "Behavioral Safety Observation" and "Employee Hazard Reporting Reward" systems have been implemented, providing incentives for employees who identify and report potential hazards. "Public Open Day" activities promote hazardous chemical safety knowledge to residents, reaching over 800 participants to date. The company has established joint emergency resource repositories with communities/industrial parks, equipped with chemical protection suits, absorbent materials, and other resources to enhance regional joint defense capabilities. VOCs recovery, anti-leakage, and lightning protection facilities have been constructed in tank farm areas to reduce the risk of secondary environmental incidents. Basic information about major hazard sources is disclosed through the corporate website and announcement boards, fulfilling public right-to-know obligations.



## Strict Implementation of Chemical Storage and Handling Safety Management Systems

### Storage Safety Management System

The company strictly follows regulations such as the "Regulations on Safety Management of Hazardous Chemicals" and "Port Dangerous Goods Safety Management Regulations" to establish a professional storage control mechanism:

Zoned and Classified Management: Separate storage areas are designated based on chemical properties (flammability, fire extinguishing characteristics, toxicity, etc.), implementing a "one product, one label" identification system, equipped with explosion-proof electrical equipment, gas detection, and overflow alarm safety instrumentation systems.

Intelligent Monitoring: Real-time monitoring of storage tank temperature, pressure, liquid level, and other parameters, with corresponding alarm signals to promptly identify and address abnormalities.

Third-party Compliance Audits: Third-party institutions are commissioned to conduct storage tank safety integrity assessments and inspections, achieving a 100% tank inspection compliance rate by 2024.

### Loading and Unloading Risk Control

Process Control: Operators participate in loading and unloading operations, implementing a "dual verification and call-out" system (pre-operation verification of cargo information and pipeline valve status).

Leak Prevention Technology: Closed loading/unloading systems and vapor recovery devices are employed, resulting in a 12% year-on-year reduction in VOCs emissions from loading/unloading operations in 2024.

Emergency Cooperation: Safety mutual assistance agreements have been signed with neighboring facilities, establishing clear procedures for joint response to leakage incidents, with quarterly emergency drills focusing on loading/unloading operations.

### Stakeholder Engagement

Community Communication: Regular distribution of "Storage Chemical Safety Notification" to surrounding residents, detailing stored substance categories, emergency contact information, and safety guidelines.

Supply Chain Collaboration: Customers are required to provide compliant chemical technical documentation (such as SDS), with cargo safety verification completed prior to loading/unloading.

### Case Studies

### Board Governance and Industry Recognition

In 2024, Great River Smarter Logistics received the "Listed Company Board of Directors Typical Practice Case" award from the China Association of Listed Companies, reflecting the company's governance effectiveness and sustainable development capabilities.

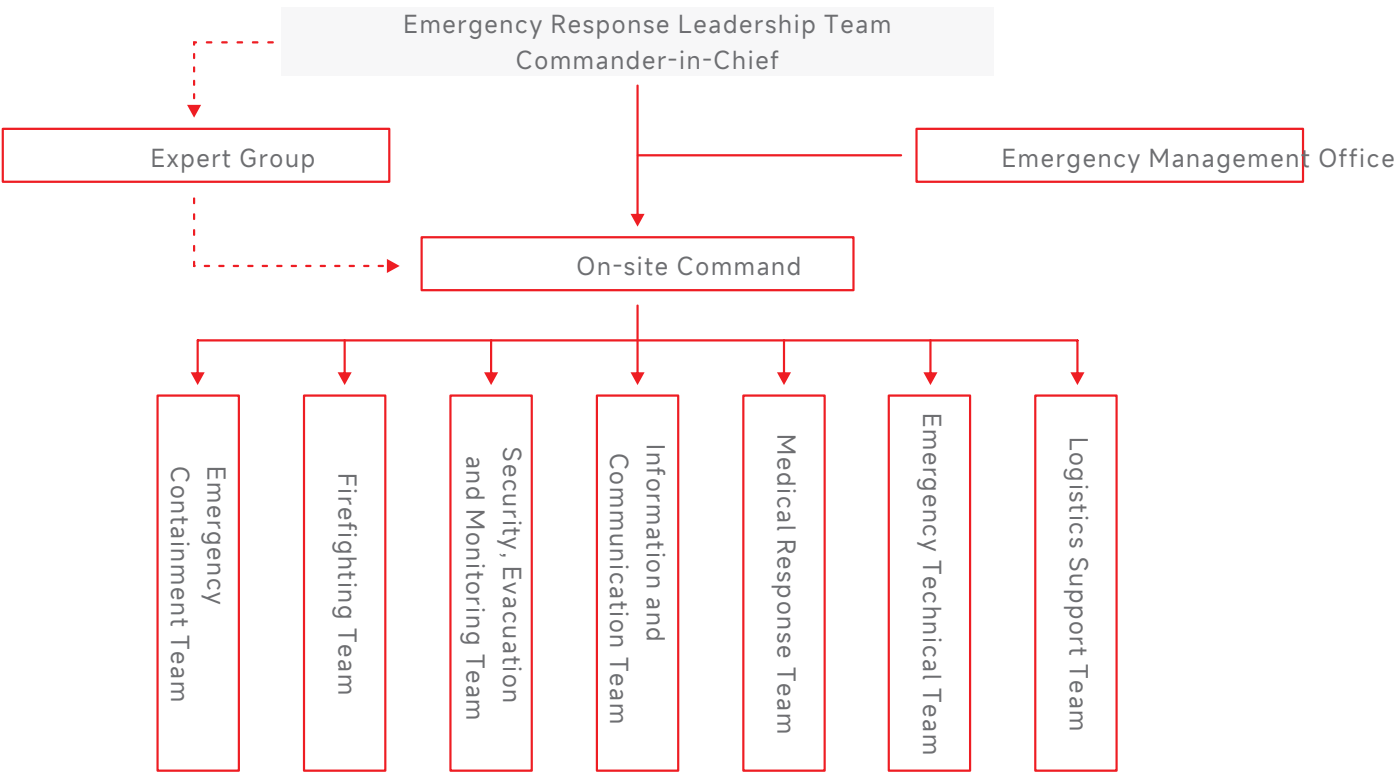
### Community Responsibility

Nanjing GR Terminal, in conjunction with fire departments, conducted "Public Open Day" activities to educate residents about hazardous chemical safety, reaching over 800 participants cumulatively.

# Company Emergency Management Organizational Structure





Great River Smarter Logistics has established an Emergency Management Leadership Group chaired by the company's Chairman. Member units include the HSE Office, Human Resources Center, Operations Center, Business Center, Procurement Center, Finance Center, and other relevant functional centers (departments), with the heads of each center (department) serving as members of the Leadership Group.

Example of Subsidiary Company Emergency Structure:



## Emergency Risk Identification Results

### Four core risks have been identified:

-  **Storage Tank Leakage Risk:** Chemical leaks caused by equipment aging, operational errors, or extreme weather, potentially leading to environmental contamination and safety incidents.
-  **Fire and Explosion Risk:** Fire hazards in flammable chemical storage areas due to static electricity, equipment failure, or human factors, threatening personnel and facility safety.
-  **Secondary Environmental Pollution Risk:** Leakage incidents potentially causing soil and water contamination, requiring prevention and control of secondary environmental disasters.
-  **Loading/Unloading Operation Risk:** Operational risks such as pipeline ruptures and valve failures during dock and tank farm transfer operations.

## Response Measures and Typical Cases

### Technical Prevention and Intelligent Monitoring

AI Leakage Early Warning System: Taicang Power Shell Terminal introduced AI acoustic detection technology to analyze sound pattern characteristics of storage tank flanges and valves, identifying minute leakage points in real time. In 2024, the system successfully provided early warnings and facilitated repairs of 7 potential leakage points.

### Third-Party Assessment and Standardization

Safety Management System Upgrade: In collaboration with the China Occupational Safety and Health Association, the company completed the top-level design of a safety management system covering six major modules including risk assessment, equipment integrity, and team capability building. Nantong Power Shell Terminal, through a pilot project, achieved an interim goal of "30% reduction in equipment failure rate."

## Digital or Platform-Based Management of Employee Health and Safety Cases



Great River Smarter Logistics has developed several digital platforms including the "E-Learning Platform," "Changshu Hongzhi Chemical Warehouse Digital Platform," "Special Operations Electronic Work Permit System," and "Hazard Investigation and Control System." Following the principles of "risk pre-control, process closed-loop, and full employee participation," the company has built a comprehensive digital management ecosystem covering "training empowerment-operation control-hazard management" to achieve refined and standardized safety management.

### E-Learning Platform (Safety Training Hub)

Customized Courses and Assessments: Developed over 30 course categories covering hazardous chemical storage procedures, emergency rescue, and occupational health, with annual participation exceeding 2,000 employee sessions and a 95% assessment pass rate.

Permission Linkage Mechanism: Only employees who pass assessments can obtain operational permissions in the "Special Operations Electronic Work Permit System," creating a closed-loop "training-authorization-job assignment" management system.

### Changshu Hongzhi Terminal Digital Platform (Field Monitoring Hub)

Real-time Data Integration: Integrates IoT monitoring data including warehouse temperature and humidity, gas concentration, and fire system parameters, with automatic triggers for abnormal values.

### Special Operations Electronic Work Permit System (High-risk Operation Control)

Process Standardization: Online approval process for eight categories of high-risk operations including hot work and confined space entry, with system-enforced linkage to operation risk analysis and protective measure checklists.

Personnel Qualification Verification: Automatic verification of operators' training certificates and special operation qualifications to prevent unauthorized work.

### Hazard Investigation and Control System (Risk Prevention Closed Loop)

Whole Team Reporting: Employees can report hazards anytime via mobile terminals, with automatic system classification and assignment of rectification tasks. In 2024, 580 hazards were processed with a 98% completion rate.

Intelligent Analysis and Early Warning: Risk heat maps generated based on historical data, with targeted distribution of specialized training courses for high-frequency hazard points, resulting in a 35% decrease in recurrence of similar issues.



# Safety Impact, Risk and Opportunity Management

## Occupational Health and Safety Risks Faced by Employees

### Chemical Exposure Risks

**Direct Contact:** Leakage or evaporation of hazardous chemicals (such as flammable liquids, corrosive substances, toxic gases) may cause skin burns, respiratory tract damage, or chronic poisoning.

**Indirect Exposure:** Long-term accumulation of volatile organic compounds (VOCs) in storage environments may affect respiratory system health.

### Physical Hazards

**Mechanical Injuries:** Improper operation of storage tanks, pipelines, forklifts, and other equipment can lead to collision and crushing accidents.

**Fire and Explosion:** Loss of control of hazardous chemical storage conditions (temperature, pressure, sealing) or static electricity accumulation may trigger combustion and explosion.

### Environmental and Operational Process Risks

**Emergency Response Pressure:** High-intensity operations required for handling sudden leaks or accidents can easily lead to psychological stress and operational errors.

**Human Factors:** Process violations (such as failure to wear PPE, valve misoperation) or insufficient training can trigger chain risks.



## Risk Management Initiatives and Processes

**The company integrates risk control into daily operations through a lifecycle management system, responding to ESG (Environmental, Social, and Governance) objectives:**

### Risk Identification and Assessment

**Hazard and Operability Analysis (HAZOP) and Layer of Protection Analysis (LOPA):** Systematically identifies potential risk points in tank farms and loading/unloading areas.

**Job Safety Analysis (JSA):** Breaks down steps for specific operations (such as hazardous chemical repackaging, inspection, and maintenance) and assesses risk levels.

**Safety Data Sheet (SDS) Management:** Develops exposure limits and emergency handling guidelines based on chemical properties to ensure information transparency.

### Engineering Control and Technical Monitoring

**Automation and Closed Systems:** Use of intelligent tank level monitoring, automatic sprinkler systems, and gas leak detectors to reduce manual contact.

**Environmental Monitoring Network:** Deployment of combustible gas alarms and VOCs online monitoring instruments, transmitting data to the central control room in real time.

**Explosion Protection and Static Electricity Management:** Multiple protective measures including tank grounding devices, explosion-proof electrical equipment, and anti-static work clothing.

### Personnel Protection and Training

**Tiered PPE Configuration:** Equipment ranging from Level A (fully enclosed chemical protective suits) to Level D (basic protection) based on exposure risk.

**Simulation Drills and Certification:** Regular leak plugging and fire evacuation drills, with employees required to pass hazardous chemical operation qualification assessments.

**Behavioral Safety Observation:** Management participation in site inspections to correct unsafe behaviors and provide feedback to the training system.

**Employee Hazard Reporting Rewards:** Encouraging hazard reporting through rewards to increase individual initiative and Great River ownership awareness.

### Emergency Response and Sustainable Development Integration

**Three-Tier Emergency Plans:** Company-level, regional-level, and group-level linked response mechanisms for scenarios such as leaks and fires.

**Clean Production and Recycling:** Reducing environmental load and health risk sources through wastewater reuse and RTO technology.

### Continuous Improvement Mechanism

**PDCA Cycle:** Regular review of OHSAS18001/ISO45001 system effectiveness through Plan-Do-Check-Act closed-loop management.

**Stakeholder Engagement:** Sharing safety data with customers and neighboring enterprises, participating in industry safety standard development, and enhancing supply chain collaborative risk management capabilities.

## Sustainable Development Opportunities

### Technology Upgrade Driving Efficiency

Intelligent storage systems can simultaneously reduce safety risks and operational costs.

### Industry Benchmark Effect

High-standard management enhances customer trust, helping to secure high value-added orders.

### Policy Compliance Advantage

Early adaptation to national safety production laws and regulations helps avoid penalty risks.

Through these measures, Great River Smarter Logistics controls occupational health and safety risks at the ALARP (As Low As Reasonably Practicable) level, while transforming risk management into a core driving force for enterprise resilience enhancement and sustainable development.

# 6

## Product Responsibility

### Technological Innovation

Technological Innovation Achievements

Digitalization and Intelligence

### Product Quality

Product Quality Management System

### Customer Service

Customer Service System

Responsible Marketing





# Technological Innovation



## Innovation Management System

Great River Smarter Logistics remains committed to an innovation-driven development strategy. The company has further enhanced its technological innovation mechanisms and institutional frameworks, strengthened research platforms, consistently increased R&D investments, and intensified incentives for technological innovation. Additionally, the organization has optimized the structure and functional responsibilities of its R&D departments to elevate technical development capabilities. The company adheres to an approach guided by industry trends and customer requirements. Great River actively explores new business domains to ensure service standards keep pace with evolving industry developments while enhancing customer satisfaction.

## Technological Innovation Initiatives

Great River Smarter Logistics has established a comprehensive and mature R&D framework, placing high importance on continuously strengthening its research team and enhancing R&D capabilities. In 2024, the company invested RMB 51.61 million in research and development activities. By the end of 2024, the company's R&D personnel reached 259 professionals. The rapid expansion of the R&D team has effectively transformed numerous research outcomes into practical applications and continuously optimized related process technologies. In the field of green technology innovation, the company upholds the development philosophy of "Innovating Green Technology, Protecting Our Planet." Great River actively engages in the development of technologies and products focused on energy conservation and environmental protection. The company has successfully developed the Taicang Power Shell Terminal Process Monitoring System and Electronic Work Permit Management System, among other innovations. These systems replace paper-based records with fully digitalized management throughout the entire process, reducing resource consumption and waste generation. These innovations effectively improve energy utilization efficiency and reduce energy waste, contributing significantly to energy conservation and environmental protection initiatives.

## Technological Innovation Achievements

During the reporting period, 17 invention patents were filed, 12 patents were granted, and the company maintained 71 valid patents. During the reporting period, the company's subsidiaries: Nanjing GR Terminal, Changshu GR Terminal, and Dongguan Evergrowing Terminal were certified as high-tech enterprises. During the reporting period, 2 software copyrights were applied for

# Digitalization and Intelligence

## 2024 Core System Optimization

### Comprehensive SAP System Upgrade

Established a three-tier architecture (contract-terms-fee) in the chemical warehouse settlement module, enabling parallel processing of multiple settlement methods. Introduced special fee mechanisms to enhance daily settlement accuracy, strengthened multi-dimensional cost analysis and dynamic adjustment capabilities, and reinforced financial compliance and cost control. Integrated electronic invoice platform interfaces to achieve fully automated invoicing (90% efficiency improvement), with real-time customer notification utilizing data encryption and dual-log tracing mechanisms to ensure information security, promoting green operations and digital transformation.

### Comprehensive OA System Upgrade

Enhanced foundational capabilities (multi-language support, intelligent attendance management, secure login framework) to improve user experience; reconstructed over 100 business processes to precisely match management scenarios; developed customized module clusters covering filing management, expense budgeting, procurement quotations, energy monitoring, and multi-system integration, while strengthening cross-platform collaboration capabilities. The upgraded system achieves end-to-end digitalization across all business operations, significantly boosting operational efficiency and effectively supporting the company's strategic advancement toward becoming a global leader in energy and chemical warehousing and logistics services.

### Comprehensive HR System Upgrade

Established a group-level data governance framework, strengthening multi-dimensional statistical analysis and refined permission management; reconstructed the compensation calculation model, introducing a multi-factor dynamic assessment mechanism to enhance distribution equity; standardized subsidiary creation processes, supporting one-click automated configuration. The upgraded system achieves digital control across the entire human resources value chain, enhancing compliance while reducing operational costs, empowering the implementation of the group's sustainable development strategy.

### Optimization and Upgrade of Smart Customer Service Platform

Added electronic signature, Alibaba Cloud SMS/voice and Golden Tax invoice integration, supporting digital scenarios such as online payment collection and automated appointment generation; optimized processes including overtime entry applications and inventory batch consolidation, improving operational efficiency by 30%; enhanced mobile mini-programs with shipping import and loading bay query functions, strengthening mobile convenience; integrated key account systems and upgraded OCR recognition and mutually exclusive login security mechanisms. Over 60 improvements comprehensively connect business process automation with multi-terminal collaboration, enhancing risk management capabilities and comprehensively improving customer satisfaction, supporting cost reduction, efficiency improvement, and digital transformation.

### Optimization and Upgrade of Production Operations Management Platform

Achieved 50% efficiency improvement through unmanned intelligent weighing systems, reducing labor costs, with data transparency anti-fraud technology enabling full traceability. Constructed a "Data Center + Business Hub + Unified Portal" integrated system: the Data Center integrates government affairs, vessel tracking, and other multi-source data, completing cross-system governance; the Business Hub expands vehicle management, asset QR code, and other modules, forming an extensible middle platform; the Unified Portal integrates six major systems including vessel monitoring and transportation cloud, leveraging enterprise WeChat to implement hierarchical authentication and single sign-on. These technology-driven supply chain automation upgrades significantly enhance customer satisfaction, supporting sustainable production and deepening customer trust.

★ Case Studies

Taicang Power Shell Process Monitoring System

Environmental

**Resource Efficiency Enhancement:**End-to-end digital management has replaced paper records, reducing resource consumption and waste generation. Intelligent verification and automated data collection optimize process workflows, minimizing energy waste and indirectly reducing carbon emissions.

**Green Process Assurance:**Real-time monitoring of storage tank levels, pipeline pressure, and other parameters ensures process stability, preventing material leakage or environmental contamination caused by operational errors.

Social

**Enhanced Safety Production:**The intelligent early warning systems monitor equipment anomalies (such as overpressure, overtemperature) in real-time, promptly alerting and suggesting corrective measures, significantly reducing accident risks and protecting employees and community safety. Standardized procedures and barcode verification mechanisms reduce human error and improve operational compliance.

**Employee Empowerment and Collaboration Enhancement:**Multi-platform coordination (mini-programs, PC, large displays) enables efficient information transfer, reducing communication costs and enhancing employee productivity and collaboration experience. Mobile approval and barcode verification technologies simplify field operations, reducing labor intensity.

Governance

**Data-Driven Transparent Management:**Full-process data recording and traceability functions enhance quality management transparency, providing a scientific basis for decision-making and driving governance structure optimization. The basic data management module integrates pipeline, storage tank, and other multi-dimensional information, supporting precise decision-making for resource allocation and process improvements.

**Risk Prevention and Compliance:**Built-in intelligent verification rules (such as oil type matching, pipeline continuity checks) ensure operational compliance, reducing legal and compliance risks. Electronic tag (NFC) technology enables unique equipment identification, strengthening asset management standardization and traceability.

Electronic Work Permit Management System

Environmental

**Reducing Resource Consumption:**Fully electronic work permit processes replace traditional paper documents, reducing paper consumption by several tons annually, decreasing pressure on forest resources and waste generation.

**Pollution Prevention and Control:**The built-in "Gas Management" module sets toxic and hazardous gas detection standards(such as CO, H<sub>2</sub>S), monitors gas concentrations in the working environment in real-time, and automatically suspends operations when exceeding limits, preventing environmental pollution incidents.

**Energy Efficiency Improvement:**Through mobile mini-programs and cloud data processing, reduces on-site personnel travel for approvals, indirectly lowering carbon emissions.

Social

**Ensuring Employee Safety:**Mandatory identification of risk factors and safety measures development before operations to reduce accident rates. In high-risk operations , such as hot work, supervisors must regularly test gas data, with the system automatically warning of abnormal conditions. All participants must confirm risk notification items point by point, ensuring safety responsibility implementation to individuals.

**Contractor Collaborative Management:**Unified management of internal employee and contractor qualification certificates, with automatic renewal reminders upon expiration, eliminating risks of working without proper certification.

**Transparent Operation Processes:**Real-time tracking of operation progress and approval status via mobile devices enhances employee trust and sense of belonging.

Governance

**Standardized Process Control:**The workflow engines enforce standardized steps for permit issuance, approval, acceptance, and other processes, eliminating human oversight. Automatic escalation mechanisms for special operations (such as elevated approval for nighttime hot work), strengthening compliance.

**Data Traceability and Accountability:**Comprehensive operation log recording, supporting traceability at any stage and meeting regulatory audit requirements. Tiered permission management (role + menu control), ensuring sensitive data is accessible only to authorized personnel.

**Intelligent Analysis and Decision-Making:**Statistics on the proportion of eight major operation types, regional risk distribution, and other data assist management in optimizing resource allocation. The "Regulatory Operation Statistics" module focuses on major/significant risk operations, improving senior management supervision efficiency.

Product Quality



Great River Smarter Logistics upholds its core values of "customer-centricity, HSE as foundation, contributor recognition, long-term commitment, and continuous innovation." Operating in full compliance with ISO 9001 standards and relevant regulatory frameworks, the company leverages its Smart Customer Service System to ensure complete traceability throughout the cargo custody chain, guaranteeing service reliability and safety. The company's quality management strategy emphasizes digital transformation and supply chain collaboration, with the Strategy and Marketing Department aligning quality objectives with corporate goals while the Process and Digitalization Center deploys IoT and big data analytics for real-time storage monitoring and risk alert optimization.

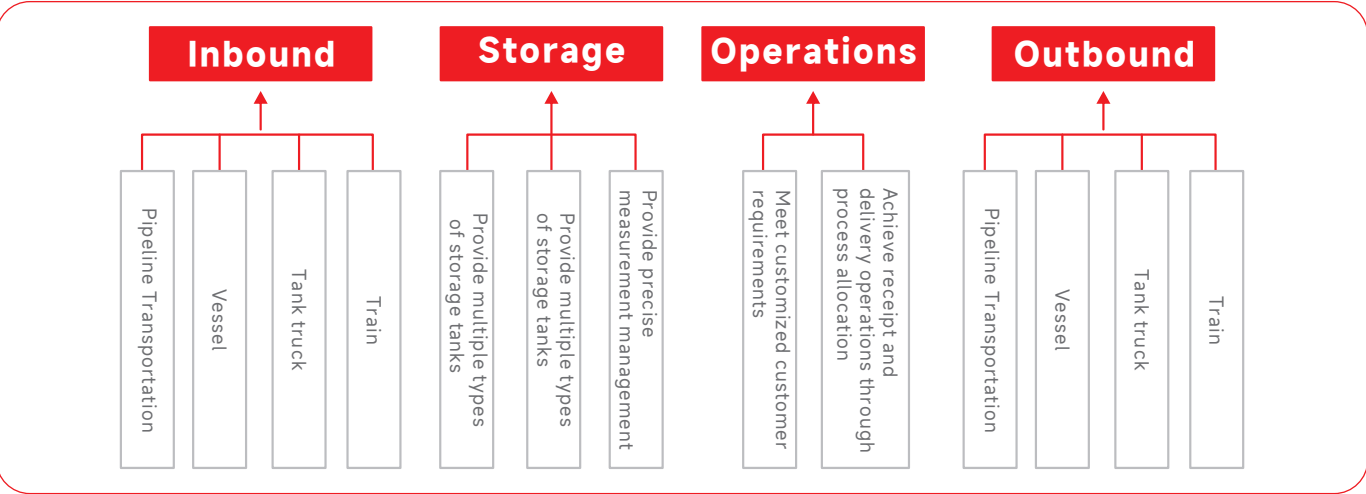
Internally, the company combines strict control mechanisms with benchmark management practices to minimize material losses through refined management processes, enhancing customer satisfaction and protecting client interests. The comprehensive product management protocols standardize each step from sampling requirements and methodologies to sample handling and emergency response procedures, safeguarding stored goods quality and safety throughout all operational stages.

Terminal and Storage Tank Operations

The company has implemented rigorous "New Product Compatibility Assessment Protocols" and "Inventory Quality Control Standards" that govern the handling of chemical products. These frameworks ensure disciplined adherence to standardized procedures for receiving, dispatching, and inventory verification of chemical products. Quality assurance begins with thorough validation of transport equipment and continues with systematic quality monitoring using state-of-the-art testing instruments and analytical techniques. Through strategic partnerships with leading global inspection authorities and through company-operated laboratories at each terminal facility, the company conducts methodical quality verification of all chemical products during receipt and dispatch operations, effectively preventing contamination, degradation, or other quality compromises.







**Inbound Operations:** Great River Smarter Logistics accepts cargo delivered via multiple transportation modes including vessels, tank trucks, and rail transport, delivering comprehensive receiving services throughout its network.

**Storage Solutions:** (1) Storage Infrastructure: The company maintains a diverse tank storage portfolio tailored to the specific characteristics of customer products. The infrastructure includes stainless steel and carbon steel tanks based on material composition; heated, refrigerated, and ambient temperature tanks classified by functionality; and spherical tanks, vertical tanks, and horizontal tanks organized by type, comprehensively meeting the storage requirements for various goods.

**Operations:** Process Coordination: The company facilitates cargo receiving and dispatching through process coordination, flexibly utilizing hoses to arrange workflows according to operational needs, efficiently meeting customer requirements and improving operational efficiency. (2) Personalized Services: Based on specific customer requirements, the company provides customized services including pipeline operations, tank transfer operations, water separation operations, and drum handling operations.

**Storage Solutions**

**Storage Infrastructure:** The company maintains a diverse tank storage portfolio tailored to the specific characteristics of customer products. The infrastructure includes stainless steel and carbon steel tanks based on material composition; heated, refrigerated, and ambient temperature tanks classified by functionality; and spherical tanks, vertical tanks, and horizontal tanks organized by type, comprehensively meeting the storage requirements for various goods.



Spherical Tanks



Vertical Storage Tanks



Horizontal tanks

**Measurement Management:** Storage facilities are equipped with precise measurement systems, utilizing high-precision automated measurement equipment (such as batch controllers, mass flowmeters, and volumetric flowmeters) for real-time monitoring and recording of goods, ensuring accurate cargo quantity verification.



Unmanned Weighbridge System with Automatic Identification



Mass Flowmeter



Loading Batch Control Device

**Quality Control:** The company regularly conducts quality inventories of stored goods, strictly controlling quality losses within customer-specified parameters. For materials with special requirements or those prone to quality changes, the company implements specialized measures such as nitrogen blanketing, refrigeration, antioxidant addition, appropriate tank selection, and regular sampling and monitoring. These processes enable timely observation of key quality indicator trends and prompt implementation of corrective measures, ensuring effective management of material degradation.



Regular Sampling and Laboratory Analysis

**Vessel Berthing Laser Monitoring System:**The company has implemented an advanced laser monitoring system for vessel berthing operations to maximize safety during these critical procedures. This comprehensive system integrates several coordinated subsystems: the active collision warning system features explosion-proof laser scanning sensors positioned along the quayside that monitor a 1150m x 300m area at the terminal approach. When vessels enter designated collision warning zones, the system automatically triggers alerts through high-powered speakers while simultaneously activating cameras that track and record the vessel's movement trajectory. The passive collision warning system functions by receiving and decoding vessel AIS signals. Upon detecting vessels in warning zones, the system autonomously activates audible warnings and initiates camera tracking to document movement patterns and provide video verification. The system is fully integrated with VHF communications infrastructure. When the laser monitoring detects irregular vessel navigation patterns, it immediately triggers an alarm protocol, enabling control room operators to issue VHF warnings while alerting terminal personnel to prepare for contingency operations, significantly enhancing safety during berthing and unberthing maneuvers.



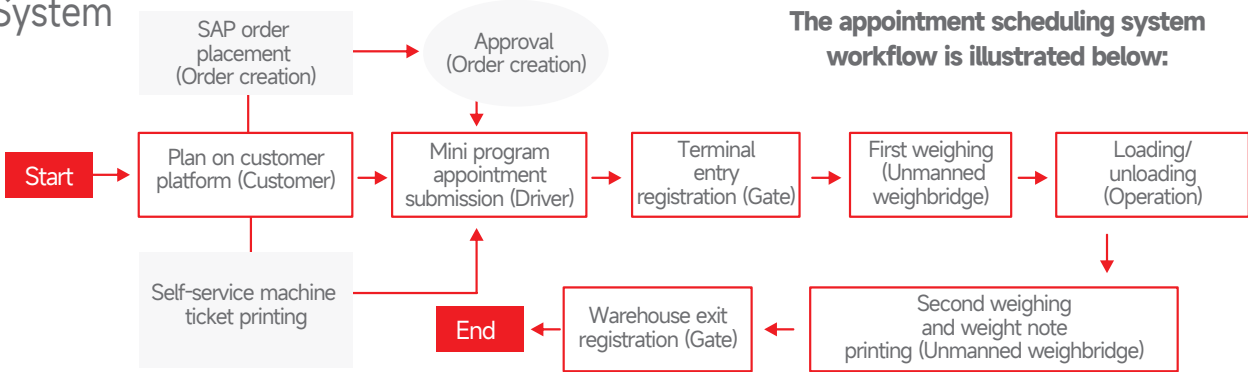
**Automated Tank Cleaning System:**The company has developed an automated tank cleaning system utilizing 360° comprehensive cleaning technology that ensures complete coverage of tank walls and floor surfaces without blind spots. This innovative system overcomes traditional process limitations by eliminating the need for personnel entry into tanks while simultaneously performing gas displacement and cleaning operations, significantly reducing project timelines. The system is compatible with multiple cleaning media including acids, alkalis, water, and inerted organic solvents. This cleaning technology achieves substantial water conservation compared to traditional fire hose flushing methods. The intelligent control system, working in conjunction with high-pressure spray equipment, enhances cleaning efficiency while maintaining inherent safety standards, making it particularly suitable for the efficient and environmentally responsible cleaning requirements of hazardous chemical storage tanks.

**Development of a "Perception-Decision-Execution-Optimization" Closed-Loop Management System**

By integrating internet technologies with the Smart Customer Service System, the company has established a comprehensive closed-loop management framework based on "perception-decision-execution-optimization" principles, enabling intelligent transformation of port operations and enhancing operational efficiency.

**Commercial-Operational Collaborative Workflow:** The Commercial Center integrates vessel tracking data, port information systems, and meteorological forecasts to establish vessel berthing prediction plans and synchronize berthing schedules. The Operations Center prepares berthing and operational processes in advance based on vessel movements, reducing waiting times.

**Appointment Scheduling and Self-Service Documentation Systems:** Customers can remotely schedule terminal visits through the appointment system. The Operations Center deploys resources based on anticipated workloads, allowing customers to quickly access loading/unloading areas, significantly improving terminal throughput efficiency.



**Dynamic Quantity and Quality Control System for Terminal Inventory**  
The company has established a comprehensive dynamic quantity and quality control system for terminal inventory that evaluates achievement rates of quantity and quality management indicators across all terminals, tracks anomaly occurrence rates, and monitors corrective action implementation, which continuously optimizes management effectiveness. The system performs horizontal comparative analysis of management indicators between terminals, vertical historical trend analysis, and benchmarking against industry standards. The company facilitates sharing of best practices across terminals, creating reusable management toolkits. For lower-performing terminals, specific improvement action plans are developed, fostering a positive quality management culture and driving continuous advancement toward lean and intelligent quality management approaches.

**ISO Quality Management System Certification**  
All subsidiaries within the Terminal Storage Tank segment have obtained ISO Quality Management System certification, reflecting years of dedication to quality management excellence. The organization actively advances cargo and service quality management systems while continuously elevating quality control standards. As a leading industry enterprise, we participate in drafting national and industry standards and have been recognized with honors such as the "National Advanced Unit for Dangerous Goods Logistics Safety Management," with our management model serving as an industry reference.

## Chemical Warehouse Business

In 2024, Great River Smarter Logistics implemented a "Strategic Development Implementation Assessment" for its Chemical Warehouse and Integrated Logistics segment, evaluating product quality management across seven dimensions: key account strategy, diversified high-value-added product storage services, integrated comprehensive logistics services, precise delivery, loading/unloading efficiency, customer service, and end-to-end safety management. To strengthen quantity and quality management, the Chemical Warehouse and Integrated Logistics segment established several foundational guidance documents: "Guidelines for Standardized Operational Process System Development for Key Chemical Warehouse Operations", "Guidelines for Safety Production Training and Assessment System Development", "Guidelines for Safety Production Training Curriculum System Development", "Chemical Warehouse Safety Production Inspection Management System" These frameworks govern product quality management across the seven key dimensions mentioned above, aiming to instill the concept of "customer-centricity with HSE as foundation" across all personnel while continuously strengthening the high-quality safety system throughout the Chemical Warehouse and Integrated Logistics segment. All subsidiaries within the Chemical Warehouse segment have established ISO systems and obtained SGS ISO9001:2015 certification. Four chemical warehouse companies—Changshu Hongzhi Terminal, Cangzhou GR DG WH, Zhongshan GR Terminal, and Dongguan Evergrowing Terminal—have received Quality Management System certification, as evidenced by the certificates below:



 In 2024, the company recorded zero major safety or quality incidents related to its products and services.

## Customer Service



## Customer Service System

**General Service Process for Terminal Storage Tanks and Chemical Warehouses:**

### Standardized Process

After contract finalization, sales representatives transfer service specifications to customer service personnel. When necessary, they collaborate with Operations to develop internal Standard Operating Procedures (SOPs).

### Pre-service Communication

Customer service staff maintain ongoing communication with clients, providing detailed information about warehouse entry/exit procedures and highlighting important considerations.

### In-process Communication

Clients submit warehouse orders to customer service representatives who enter this information into the system, converting it into internal execution orders that trigger operational instructions. Throughout this process, customer service representatives maintain continuous communication with clients, promptly addressing questions and concerns.

### Collaborative Service

Upon arrival, cargo receivers/deliverers exchange delivery authorizations for internal execution orders at the customer service billing office before entering the terminal for loading/unloading operations. During this process, employees from customer service, billing, operations, HSE, and other positions collaborate to serve the cargo receivers/deliverers. When issues or inquiries arise during cargo handling and storage operations, designated customer service personnel assume responsibility for resolution and communication. They initiate timely customer discussions when necessary to prevent incident escalation and preserve customer satisfaction. Operations, HSE, and other relevant departments maintain accountability for their specific service quality domains while maintaining open communication channels with customer service representatives, promptly reporting anomalies to facilitate collaborative resolution.

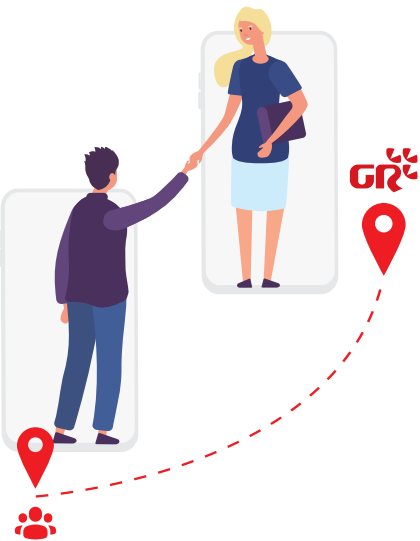


First-contact Responsibility

Great River Smarter Logistics implements a "first-contact responsibility system" across all service positions. This approach ensures that the first staff member contacted about an issue takes ownership of its resolution, eliminating responsibility transfers that could delay service and impact customer satisfaction.

Customer Feedback Systems

All Great River Smarter Logistics subsidiaries have implemented "Customer Service Communication Groups" designed for swift complaint resolution. Customer service specialists track both complaint details and resolution progress. These specialists compile weekly summaries of customer complaints and resolution statuses, which are formally presented during commercial review meetings. For complex complaints requiring extended resolution timeframes, the company maintains structured monitoring mechanisms that remain active until final closure. Beyond formal satisfaction surveys, sales representatives maintain regular client engagement through telephone communications and on-site visits, gathering real-time feedback on satisfaction levels and improvement suggestions. This multi-channel approach ensures comprehensive understanding of customer needs and facilitates continuous service enhancement.

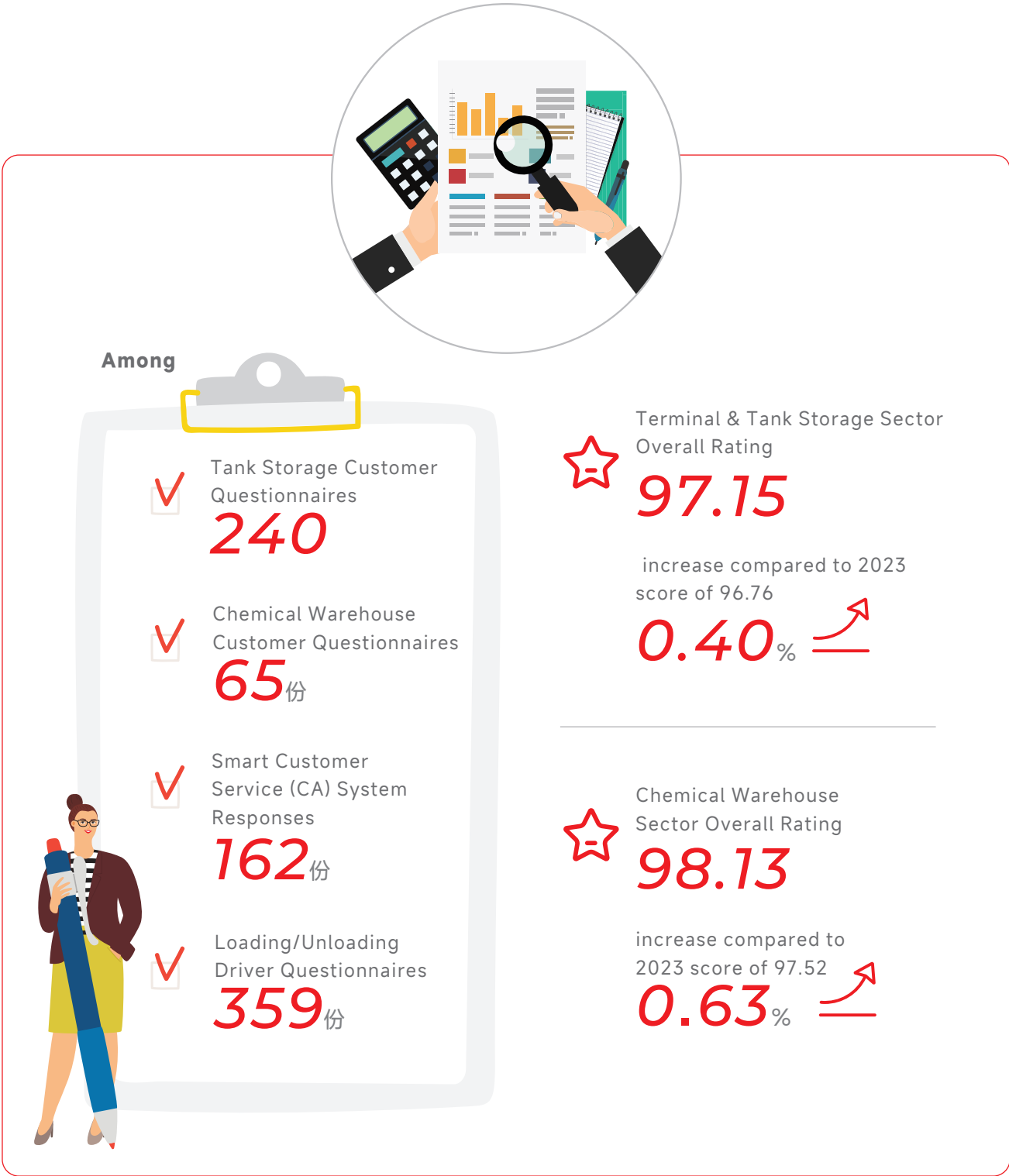


Policy Documents



Customer Satisfaction Survey Shows Steady Improvement

To gain deeper insights into customer satisfaction and requirements, and to identify key service aspects, the company conducted an online questionnaire survey divided into four service modules (tank storage customers, chemical warehouse customers, Intelligent Customer Service (CA) system, and loading/unloading truck drivers). The survey collected a total of 826 valid questionnaires.



Terminal Storage Tank Segment Satisfaction Survey Results

Terminal	Overall Average Score	Berthing & Unloading (Weight 0.15)	Storage & Safekeeping (Weight 0.15)	Receipt & Dispatch Maintenance (Weight 0.2)	Customer Service (Weight 0.1)	Complaint Handling (Weight 0.2)	Overall Evaluation (Weight 0.2)
Nantong Terminal Base	99.65	99.29	99.40	99.87	99.64	99.64	99.88
Zhongshan GR Terminal	99.18	98.19	98.70	99.45	99.57	99.57	99.42
Fujian Gangfeng Energy	98.99	98.46	98.81	98.80	100.00	99.29	98.93
Taicang Power Shell Terminal	97.25	97.30	97.44	97.36	97.75	97.17	96.81
Changzhou GR Terminal	97.20	97.10	95.94	97.61	97.61	97.39	97.39
Nanjing GR Terminal	97.19	96.67	95.42	96.50	98.75	98.75	97.29
Changshu Terminal Base	97.14	96.36	95.86	97.73	98.79	96.97	97.42
Lisha Island Base	96.77	95.44	96.56	97.29	98.67	96.33	96.89
Weifang GR Terminal	94.27	94.07	91.85	94.66	95.56	95.56	93.89
Ningbo Ningxiang Terminal	93.75	93.33	93.33	92.08	93.33	96.67	93.33
Summary	97.15	96.59	96.31	97.14	97.97	97.74	97.16

Chemical Warehouse Segment Satisfaction Survey Results

Terminal	Overall Average Score	Timeliness of Loading/ Unloading Operations	Accuracy of Loading/ Unloading Operations	Packaging Safety and Appearance Integrity	Clarity and Completeness of Packaging Labels	Communication Ability and Attitude of Service Personnel	Ability to Handle Abnormal Issues	Daily Reports and Reconciliation Services	Timeliness and Reasonableness of Complaint Handling
Zhongshan GR Terminal	98.79	98.00	98.67	98.67	99.00	99.33	99.00	99.67	98.00
Changshu Terminal Base	99.84	100.00	100.00	99.58	100.00	99.58	99.58	100.00	100.00
Cangzhou Great River Warehousing & Logistics	96.39	94.44	97.78	98.89	98.89	94.44	94.44	97.78	94.44
Lisha Island Base	97.50	95.00	95.00	100.00	100.00	100.00	95.00	100.00	95.00
Summary	98.13	96.86	97.86	99.28	99.47	98.34	97.01	99.36	96.86

Understanding Customer Needs to Optimize Product Quality

Great River Smarter Logistics employs a multi-channel approach to comprehensively understand chemical warehouse logistics customer requirements, gathering insights through structured customer visits, industry conference participation, formal satisfaction surveys, digital communications, and regular client interactions. The company has strategically intensified its customer engagement frequency, implementing weekly monitoring of all client interactions and ensuring prompt resolution of identified needs. For strategic accounts and high-priority projects, the organization has implemented a specialized "Iron Triangle" team structure that integrates expertise from Commercial, Operations, and Logistics Transportation departments. This cross-functional approach delivers tailored service solutions that address complex client requirements while maintaining service excellence.

Customer Privacy Protection System Development and Implementation

Beyond implementing strict employee confidentiality protocols and including confidentiality clauses in contracts, the company employs technical measures to manage customer information through tiered access controls. Only authorized personnel can access sensitive information such as commercial contract pricing and customer details, preventing information leaks. In 2024, no confidentiality breaches occurred.





# Responsible Marketing

Great River Smarter Logistics consistently upholds the business philosophy of "customer-centric, creating value for customers," integrating responsible marketing into our corporate development strategy and daily operations. We deeply understand that responsible marketing is not only a manifestation of corporate social responsibility but also key to achieving sustainable development. In 2024, Great River Smarter Logistics continued to strengthen its responsible marketing efforts, adhering to responsible marketing principles and ensuring all marketing activities comply with industry regulations and corporate ethical standards. We are committed to providing safe, reliable, and sustainable smart logistics solutions that protect customer interests and maintain company reputation, while actively fulfilling corporate social responsibility and promoting healthy industry development.

## Management Structure

The Commercial Center is responsible for overall marketing planning, the Integrated Management Team supervises sales progress, the Risk Control Team reviews marketing content for compliance, and the Sales Team implements specific marketing plans. The departments form a collaborative mechanism to ensure marketing information is truthful, accurate, and free from misleading content.

## Enhancing Information Transparency

Great River Smarter Logistics consistently adheres to open and transparent marketing strategies, ensuring the following principles in customer communication and promotional activities:

Marketing materials (such as official website, brochures, exhibition materials) truthfully present terminal storage tank operational capabilities, service scope, fee standards, and other information.

Business capabilities are not exaggerated, risks are not concealed, helping customers make informed decisions.

Proactively disclose company operational conditions and service upgrade information through official website, social media, regular customer communication meetings, and other channels.

## Customer Communication and Service

To ensure customers can comprehensively and accurately understand the company's services, Great River Smarter Logistics implements the following measures:

Customer Management System: Records customer needs and communication status, ensuring marketing information matches customers' actual requirements.

Customer Collaborative Service Team Model: Customer service teams comprising sales, customer service, and operations personnel provide comprehensive services and promptly address customer inquiries.

Customer Satisfaction Surveys: Regularly collect customer feedback to optimize promotional materials and marketing strategies.

## Conferences and Promotional Activities

Great River Smarter Logistics promotes terminal storage tank business by participating in industry conferences and organizing customer exchange meetings, ensuring the authenticity of all promotional information.

Before exhibitions, the marketing team reviews all promotional content to ensure it aligns with the company's actual situation.

On-site professional staff are responsible for explaining service content, avoiding misleading promotion.

Trust in the company is strengthened through case sharing and customer experience demonstrations.





# 7

## Partnership Cooperation and Industry Advancement

### **Supply Chain Management**

Supply Chain Management System

Sustainable Procurement

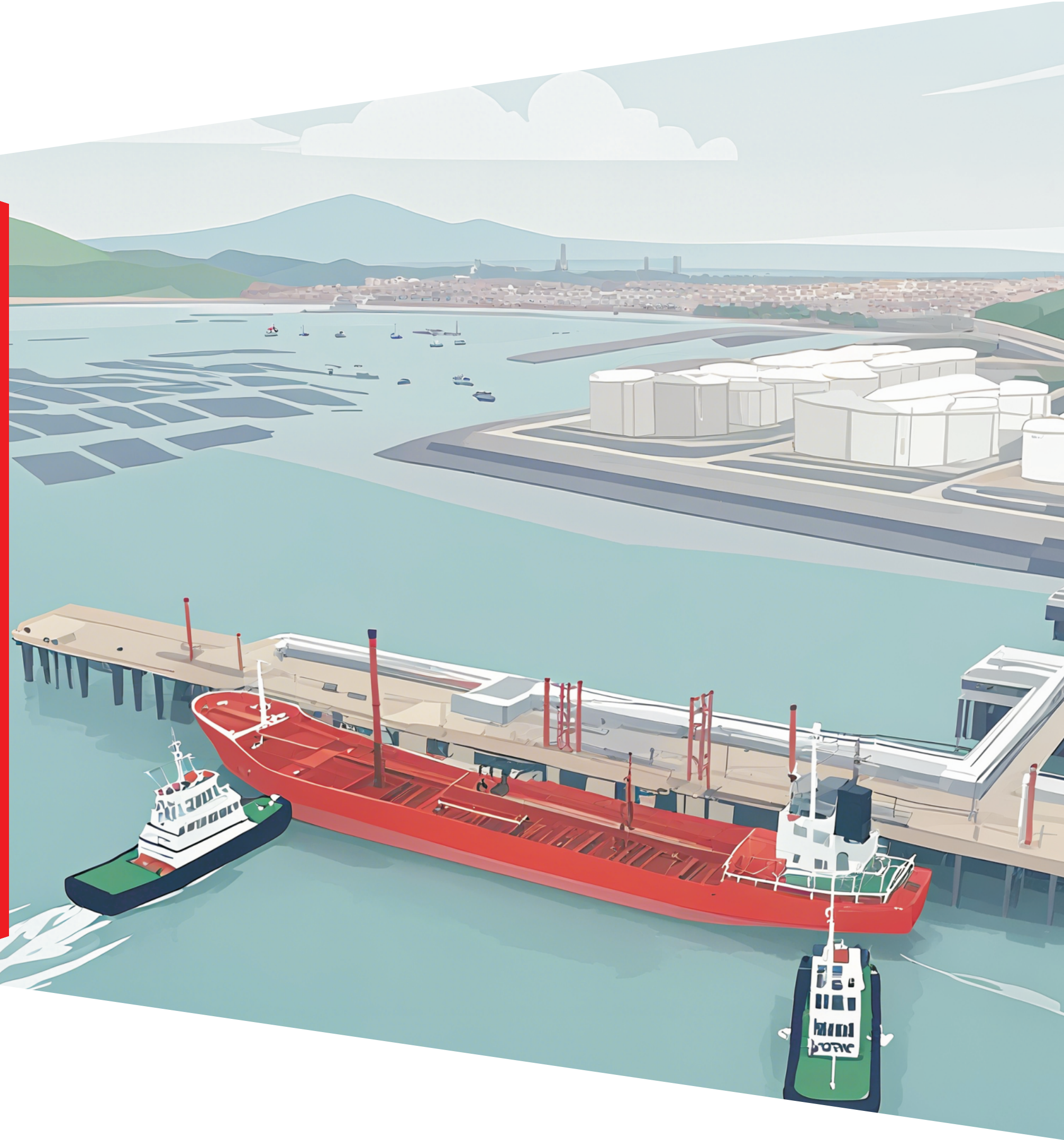
Conflict Minerals

### **Industry Cooperation and Advancement**

Supply Chain Empowerment

Leading Industry Development

### **Rural Revitalization and Social Contribution**





# Supply Chain Management



## Supply Chain Management System

The company has established a Supplier Management System that enables comprehensive supplier oversight to increase efficiency, reduce costs, enhance service quality, improve operational flexibility, and foster collaborative partnerships. These interconnected objectives create an integrated framework that ensures supply chain efficiency, long-term stability and sustainable development.

### Supplier Qualification

The supplier qualification process establishes clear entry requirements covering legal credentials, certification procedures, quality management systems, and other essential criteria.

### Supplier Classification

Following principles of "comparable capability, geographical proximity, and similar performance track records," the company establishes a consolidated supplier network for centralized procurement of key equipment and materials. Guided by principles of "local accessibility, exceptional overall capability, and healthy competition," the company maintains a flexible supplier network for routine, small-quantity materials procurement.

### Supplier Performance Evaluation Management

The company has developed a comprehensive Supplier Performance Evaluation Framework that enables cross-departmental assessment of contract fulfillment against established metrics. Suppliers rated "excellent" in annual performance evaluations may receive rewards. Annual performance reviews identify strengths and weaknesses in safety, quality, service and delivery capabilities. The company collaborates with suppliers on targeted improvement plans addressing identified deficiencies. Top performers earn expanded partnership opportunities, while underperforming suppliers face removal from the supplier network.

### Supplier Exit Management

Suppliers engaging in illegal activities, regulatory violations, or failing to meet annual performance standards are immediately removed from the approved supplier list.

## Supply Chain Risk Management

### Supplier Contract Signing

All supplier contracts include anti-corruption provisions and reporting mechanisms, jointly overseen by Legal, Audit and Procurement Teams to maintain business integrity and protect the legitimate interests of both parties.

### Supplier ESG Risk Management

Supplier agreements explicitly require all product packaging to meet national and industry environmental standards, ensuring sustainable practices throughout the supply chain. The company establishes formal Environmental Agreements with all suppliers that clearly define mutual responsibilities for workplace safety, environmental protection, and occupational health. These agreements ensure supplier operations maintain personnel safety, equipment integrity, and environmental standards while on company premises, protecting the interests of both parties.

## System Requirements for Integrity and Transparent Procurement

### Integrity and Transparent Procurement

All supplier contracts include anti-corruption clauses and reporting channels, jointly monitored by Legal, Audit and Procurement Departments to ensure business integrity and protect both parties' interests.

### Green Procurement

Environmental sustainability principles are integrated throughout the procurement process, with preference given to energy-efficient, low-carbon, and environmentally friendly equipment and materials when evaluating comparable options.

### Procurement Execution

Based on procurement requirements, the company selects suppliers from its pre-qualified supplier pool using five methods: direct purchasing, single-source procurement, price inquiry/negotiation, competitive consultation, or selective tendering. All procurement follows a standardized workflow from requisition through bidding/quotation, contract execution, supplier inventory preparation, delivery acceptance, and payment processing.

## Supplier Assessment and Evaluation

The company's supplier management system includes performance evaluations across five key dimensions: quality, delivery timing, safety compliance, environmental practices, and cooperation. Each category carries weighted scoring, with results classified into four tiers (A-D). Suppliers maintaining A or B grades retain their approved supplier status and continue receiving procurement opportunities. Suppliers receiving C grade face reduced or suspended procurement opportunities and must implement corrective actions. The procurement department monitors improvement progress, with underperforming suppliers granted a specified remediation period. Those failing to demonstrate adequate improvement within this timeframe are removed from the approved supplier list. Those passing re-evaluation remain on the "Qualified Supplier" shortlist. D-grade suppliers are removed from the list.

## Sustainable Procurement

When signing supplier contracts, the company simultaneously establishes a Safety, Environmental Protection and Occupational Health Agreement that clearly defines each party's responsibilities regarding operational safety, environmental stewardship, and workplace health. This agreement ensures proper work protocols, safe working conditions, environmental compliance, and elimination of negative practices to occupational health.

The company operates under comprehensive "Procurement Management" and "Supplier Management" systems that govern all purchasing activities and manage suppliers.

The company has implemented a digital procurement platform for online quotations.

## Conflict Minerals

The company's production processes do not involve the use of mineral resources.



## Industry Cooperation and Advancement



## Supply Chain Empowerment

Guided by its industry expertise and corporate vision, the company maintains unwavering commitment to its "safety first, quality paramount" principles. In furthering collaborative industry relationships, the company hosted its 2024 Annual Supplier Conference with the theme "Building Win-Win Partnerships: A New Chapter in Strategic Collaboration."





# Leading Industry Development

The company embraces a philosophy of "Collaborative Creation and Mutual Growth" through active participation in industry forums, summits, and professional events. We foster industry partnerships and knowledge exchange while contributing to the development of industry standards, ultimately driving collective advancement across the sector.

## 2024 7th Forum on Safety and Environmental Protection in Chemical Logistics

From May 29-31, 2024, Hongchuan Wisdom attended the "7th Forum on Safety and Environmental Protection in Chemical Logistics" in Xi'an, where we received recognition as a "2023-2024 Top Chemical Logistics Warehousing Service Provider." During the specialized session "Industry Leaders Mapping the Future," Senior Vice President Li Xiaoli presented insights on China's liquid chemical storage sector, outlining our company's journey, management philosophy, acquisition strategy challenges, and strategic vision. This award acknowledges our commitment to operational safety and environmental stewardship. Great River Smarter Logistics remains dedicated to our core values, advancing innovation in safety and environmental practices, and supporting the industry's sustainable growth.



## 2024 11th National Chemical Logistics Industry Annual Conference

From November 27-29, 2024, the 2024 11th National Chemical Logistics Industry Annual Conference and Great River Smarter Logistics Chemical Warehouse Business Exchange was grandly held in Changshu. The event was hosted by the China Federation of Logistics and Purchasing, organized by the Dangerous Chemicals Logistics Branch, and co-organized by Guangdong Great River Smarter Logistics. The conference, themed "Back to Basics • Embracing Change • Diverse Coexistence," attracted hundreds of companies from the chemical logistics industry and numerous experts and entrepreneurs. During the opening ceremony, Lin Haichuan, Chairman of Great River Smarter Logistics, emphasized that companies need strong capabilities, excellent operational skills, and an open collaborative spirit to stand out in the competitive market. Great River Smarter Logistics aims to explore new cooperation models and business formats with supply chain partners to promote high-quality industry development.



# Rural Revitalization and Social Contribution



## Great River Smarter Logistics Journey of Goodness



Great River Smarter Logistics actively fulfills its corporate social responsibilities and supports charitable causes across multiple areas including rural revitalization, poverty alleviation, educational sponsorship, environmental protection, and social assistance. Through the "Haoshan Charity Fund" and "GR Charity Day," organized by the Party branch, labor union, Youth League branch, and GR Spark Volunteer Service Team, the company continued to carry out charitable work and volunteer activities throughout 2024.

In 2024, Great River Smarter Logistics's total charitable expenditure reached **2.39** million yuan

The company organized **25** charitable activities involving **122** volunteers with **423** total participations and **14,164.69** accumulated volunteer service hours.

# Charity Gala

On June 20, 2024, the GR Charity Gala was successfully held. 2024 marked the sixth year since the establishment of the "Haoshan Charity Fund" and "GR Charity Day." With the theme "Building Love Through Goodness, Walking the Path of Charity Together," Lin Haichuan shared a heartwarming story about his father donating his living expenses to a fellow production team member to help pay for the teammate's mother's medical treatment during his father's rural labor assignment. Lin explained how he experienced "goodness" from an early age through his parents' words and deeds, thanking them for nurturing his spirit of "goodness" and strengthening his determination to engage in philanthropy. He advocated for more people to pay attention to and participate in charitable causes.



2024 GR Charity Gala



# Charity Activities

Dedication, friendship, mutual assistance, and progress represent the contemporary essence of volunteer service spirit. On "GR Charity Day," GR employees spread kindness as each subsidiary organized volunteers to carry out various charitable activities. This allows the seed of charity in every GR employee's heart to take root, sprout, and bear the fruits of love.



Blood Donation Campaign: Walking with Love



Fire Safety: Community Outreach



Environmental Protection: Green Cleaning



Dragon Boat Festival: Caring for the Elderly



# Educational Sponsorship

Educational sponsorship activities embody compassion, warm hearts, and unite communities—representing good deeds that promote traditional virtues and contribute to building a harmonious society. Great River Smarter Logistics focuses on its employees with a people-oriented approach, while continuously supporting campus development, caring for student growth, and fulfilling social responsibilities.

- Great River Smarter Logistics supported the "LED Electronic Screen" project at Buju Township Primary School in Bayi District, Linzhi City
- Donated to the Chuangzhi Binjiang Charity Foundation to promote educational services and social welfare undertakings
- Donated books to Tongren No. 26 Primary School in Guizhou Province



Great River Smarter Logistics received the Advanced Collective Award for Educational Investment from Jingfeng Town

## Support for Military and Public Service

- Changshu Terminal Base visited the Fire Brigade of the Chemical Industrial Park in Changshu Economic and Technological Development Zone
- Zhongshan GR Terminal expressed appreciation to Zhongshan City Minzhong Street Fire Rescue Squadron, Torch Development Zone Fire Rescue Brigade, and West District Special Fire Service Squadron, providing heat relief supplies
- Zhongshan GR Terminal provided cooling supplies to sanitation workers at Zhongshan City Minzhong Street Environmental Sanitation Department
- Nanjing GR Terminal visited Nanjing Jiangbei New District Chemical Industrial Park Fire Rescue Brigade
- Taicang Power Shell Petrochemical expressed appreciation to Taicang Port Border Inspection Third Squadron, Chemical Industrial Park Fire Rescue Station, and Taicang Port Fire Rescue Station

# Poverty Alleviation

Haoshan Fund provided assistance to employees in need, including Qiu \*Hua and others

"Charity Promotion Month and One-Day Donation" campaign



Taicang Power Shell Petrochemical "9·9" Charity Day Donation

# Environmental Protection

Fujian Gangfeng Energy conducted an environmental protection volunteer service activity themed "GR Charity Day, We Are in Action" Cangzhou Great River Warehousing & Logistics organized employee volunteers to carry out the "GR Charity Day, Cangzhou GR Terminal in Action" environmental protection activity.

# Party Branch Strength

GR Fourth (Taicang Power Shell Petrochemical ) Party Branch conducted Learn from Lei Feng volunteer service activities and "Protect Mother River, Taicang Power Shell Petrochemical in Action" environmental volunteer activities.  
GR Ninth (Changzhou GR Terminal) Party Branch organized voluntary tree planting charity activities.  
GR Tenth (Changshu GR Terminal) Party Branch delivered blessings and comfort items to disadvantaged community members.  
GR Twelfth (Fujian Gangfeng Energy) Party Branch conducted "Learn from Lei Feng · Add New Green" themed Party Day volunteer service activities.



# Appendix |

# Annual Performance



## Governance

### Board Governance

Board Members	7 People
Non-executive Board Directors	5 People
Independent Directors	3 People
Independent Director Allowance	120,000 yuan/year
Proportion of Independent Directors	42.86%
Proportion of Female Board Directors	0%

### Operation of Three Key Governance Bodies

Board Meetings Held"	14 Times
Board Proposals Reviewed	74 Times
Review Corporate Social Responsibility Related Proposals	1Times/year
Board Director Attendance Rate	100%
Board of Supervisors Meetings Held	12 Times
Board of Supervisors Proposal Reviewed	42 Times
Board of Supervisors Attendance Rate	100%
General Meetings of Shareholders (Regular and Extraordinary)	6 Times
Number of Shareholders (as of 12/31/2024)	17,113Households
General Meetings of Shareholders (Regular and Extraordinary) Participants	254 Times
Proposals Approved at the General Meeting of Shareholders	25Items
Proportion of Independent Directors in Audit Committee	66.67%
Proportion of Independent Directors in the Nomination Committee	66.67%
Proportion of Independent Directors in the Remuneration and Evaluation Committee	66.67%

### Investor Relations

Investor Questions Answered on Exchange Platform	12 Times
Announcements Released	240 Copies

### Compliance Management

Regulatory penalties	0 Times
Major Litigations	0 Times

### Business Ethics

Anti-monopoly Training Sessions	23 sessions
Anti-corruption Training Participants	146 People
Average Duration of Anti-Corruption Training	3hours
Employee Anti-Corruption Commitment Letter Signing Rate	100%
Supplier Integrity Commitment Signing Coverage Rate	100%
Anti-Corruption Incident Reports	0
Employees Disciplined for Violations	0
Employees Referred to Judicial Authorities	0

## Environment

### Environmental Management

Environmental Protection Total Investment	65.69 million yuan
Environmental Protection Investment as % of Revenue	4.53%
Environmental Emergency Drills	53 sessions
Subsidiaries with ISO14001 Certification	14 Sites (Base/Terminal)
Subsidiaries with Clean Production Certification	4 Times
Subsidiaries with Green Port Certification (3-star)	3Times
Environmental education activities	26 Times
Environmental Public Welfare Activities	9 Times

### Water Resource Management

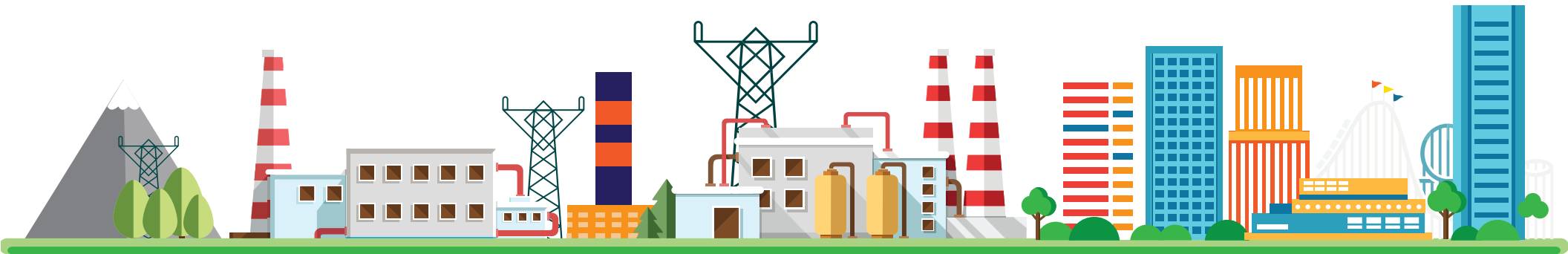
Total water withdrawal	478,900 tons
Recycled water volume	21,751.00 tons

### Emissions and Waste

Chemical Oxygen Demand (COD)	2.86 tons
Volatile Organic Compounds (VOC)	263.66 tons
Industrial Wastewater Discharge	97,515.60 tons
Comprehensive Emission Control Compliance Rate	100%
Total Amount of Non-Hazardous Waste Generated	12.90 tons
Solid Waste Compliant Disposal Rate	100%
Total Generation of Hazardous Waste	410.60 tons
Amount of Hazardous Waste Disposed	410.60 tons
Proper Disposal Rate of Hazardous Waste	100%
Soil Testing Frequency	4 Times

### Greenhouse Gases

Scope 1 GHG Emissions	2,779.50 <small>Tons of Carbon Dioxide Equivalent (tCO2e)</small>
Scope 2 GHG Emissions	21,901.07 <small>Tons of Carbon Dioxide Equivalent (tCO2e)</small>
Total GHG Emissions	24,680.57 <small>Tons of Carbon Dioxide Equivalent (tCO2e)</small>





# Society

## Employee Basic Information

Total Number of Employees	1,721 People
Male Employees	1,403 People
Female employees	318 People
Employees under 30	276 People
Employees aged 30 to 50	1,106 People
Employees over 50 years old	339 People
Employees with College Diploma or Below	1,263 People
Employees with Bachelor's Degree	419 People
Employees with Master's Degree	36 People
Employees with Doctoral Degree	3 People
Temporary Employees	156 People
Male Temporary Employees	121 People
Female Temporary Employees	35 People
Ethnic Minority Employees	39 People
North China Employees	29 People
East China Employees	1,185 People
South China Employees	507 People
Child labor found	0 People
Forced labor found	0 People
Employees Covered By Collective Bargaining	1,721 People

(by The End of This Reporting Period)



## Inclusion and Diversity

Directors, Supervisors, Senior Management	13 People
Female Directors, Supervisors, Senior Management	3 People
Board of Directors	7 People
Board of Supervisors	3 People
Female Board of Directors	0 People
Female Board of Supervisors	2 People
Middle Management	133 People
Female Middle Management	45 People
Local Senior Management Percentage	38%

## Employment and Turnover

New Hires	86 People
Male	72 People
Female	14 People
New Hires Under Age of 30	30 People
New Hires Aged 30-50	44 People
New Hires Aged Over 50	12 People
Total Employee Turnover Rate	1.18%
Female Employee Turnover Rate	0.40%
Male Employee Turnover Rate	1.11%
Turnover Rate for Employees Aged Under 30	0.55%
Turnover Rate for Employees Aged 30-50	0.72%
Turnover Rate for Employees Aged Above 50	0.23%
North China Turnover Rate	3.84%
East China Turnover Rate	1.17%
Southern China Turnover Rate	0.60%

## Remuneration and Benefits

Labor Contract Signing Rate	100%
Social Security Coverage Rate	100%
Employees Taking Maternity/Paternity Leave	38 People
Male	23 People
Female	15 People
Employees Returning After Maternity/Paternity Leave	35 People
Male	23 People
Female	12 People
Hardship Mutual Aid Fund Usage	9 Times
Hardship Mutual Aid Fund Amount	176,500 yuan
Full-time Employees Below Local Living Wage	0%

## Training and Development

Annual Training Expenditure	3.06 million yuan
Employee Training Coverage	100%
Total Training Duration (Total Hours of Offline Training)	61,747.51 Hours
Average Training Hours per Employee	7,113.07 Hours
Female Employee Training Hours (Offline)	54,634.44 Hours
Male Employee Training Hours (Offline)	1,721 People
Employees Receiving Regular Performance Reviews	35.88 Hours

## HSE Governance Structure

Work Injury Insurance and Safety Liability Insurance Coverage	100%
Third-party Safety Assessment Pass Rate	100%
Full-time HSE Management Personnel	55 People
Registered Safety Engineer	42 People
Major Safety Accidents and Environmental Pollution Incidents	0

## Safety Education Training

Safety Education Sessions	404Times
Safety Training Participants	20,996 People
Safety Training Hours	46,671Hours
Average Safety Education Training per Employee	>20Hours
Safety Education Training Coverage Rate	100%

## Safety Emergency Drill

Safety Emergency Drills	203Times
Fire Drill Participants	2,848Person-times
Hidden Danger Inspection	652Times
Hidden Dangers Identified	3,593Items

## Occupational Health Management

Incidence Rate of Occupational Diseases	0%
Employee Physical Examination Coverage Rate	100%

## Safety Production Performance

Personal Accidents	0 Times
Work-related Deaths	0 People
Work Injury Rate	0%
Work-related Mortality Rate	0%

## Data Security

Data Security Incidents	0 Cases
Amount Involved in Data Security Incidents	0million yuan

## Customer Privacy Protection

Customer Privacy Breach Incidents	0 Cases
Amount Involved in Privacy Breach Incidents	0million yuan



Product Responsibility

Customer Satisfaction (Dock and Storage Tank)	97.15 Points
Customer Satisfaction (Chemical Warehouse Segment)	98.13 Points
Complaints	141 Cases
Major Complaints	0 Cases
Complaint Resolution Rate	100%

R&D Investment

R&D Investment	51.61 million yuan
R&D Investment as a Percentage of Revenue	3.56%
R&D Employees	259 People
Proportion of R&D Employees	15.05%

Intellectual Property Protection

Authorized Patent Projects	208 Items
Environmental Protection Patents	60 Items
Invention Patent Applications	55 Items
Granted Invention Patents	24 Items
Software Copyrights	41 Items

Supply Chain Management

Total Suppliers	203 Companies
Suppliers within Guangdong Province	32 Companies
Domestic Suppliers (Excluding Provincial)	171 Companies
Overseas Suppliers (including Hong Kong, Macau, and China Taiwan)	0 Companies
Provincial Procurement Percentage (Guangdong Province)	16%
Suppliers Terminated For Non-compliance	2 Companies
Potential Suppliers Rejected For Non-compliance	0 Companies

Supplier ESG Management

Suppliers Signing Integrity Clauses	203 Companies
Suppliers With ISO14001 Certification	132 Companies
Suppliers With ISO45001 Certification	125 Companies
Suppliers With ISO9001 Certification	158 Companies

Supplier Training

Number of Supply Chain Sustainability/ESG Training Sessions	137 Times
Suppliers Participating in Sustainability/ESG Training	44 Companies
Supply Chain Internal Capacity Building Training Sessions	19 Times
Suppliers in Internal Capacity Building Training	33 Companies
Supplier Employee Safety Training Coverage	100%

Equal Treatment of SMEs

(As of the end of the reporting period)	
Accounts Payable Balance at The End of The Reporting Period (including Notes Payable)	134.04 million yuan
Proportion of Accounts Payable (including Notes Payable) Balance at The End of The Reporting Period to Total Assets	1.43%

Social Charity

Employee Participation in Charity/Volunteer Activities	423person-times
Total Charitable Donations	2.39 million yuan
Total Charitable Activity Hours	14,164.69 Times
Employee Volunteer Team Members	122 People
Poverty Alleviation/Rural Revitalization	422 People
Local Township Employees	1,195 People
"Gratitude 100%" Participants	220 People

Appendix | GRI Index



Instructions

Guangdong Great River Smarter Logistics Co., Ltd. reported the information referenced in this GRI Content Index according to the GRI standards from January1, 2024 to December 31,2024



GRI 1 Used  
GRI 1Foundation 2021

GRI Standards	Disclosure Item		Chapter
GRI 2: General Disclosures 2021			
1.Organization and Reporting Practices	GRI 2-1	Organizational details	Company Profile
	GRI 2-2	Entities included in the organization's sustainability reporting	Report Information Statement
	GRI 2-3	Reporting period, frequency and contact point	Report Information Statement
	GRI 2-4	Restatements of information	Quantitative Performance Indicators
	GRI 2-5	External assurance	Not applicable
2. Activities and Workers	GRI 2-6	Activities, value chain and other business relationships	Company Profile
	GRI 2-7	Employees	Employee Recruitment and Development
	GRI 2-8	Workers Outside of Employees	Workers who are not employees
3.Governance	GRI2-9	Governance structure and composition	Corporate Governance and Sound Operations
	GRI 2-10	Nomination and selection of the highest governance body	Corporate Governance and Sound Operations
	GRI 2-11	Chair of the highest governance body	Corporate Governance and Sound Operations
	GRI 2-12	Role of the highest governance body in overseeing the management of impacts	Corporate Governance and Sound Management
	GRI 2-13	Delegation of responsibility for managing impacts	Corporate Governance and Sound Management
	GRI 2-14	Role of the highest governance body in sustainability reporting	Sustainable Development (ESG) Management
	GRI 2-15	Conflicts of interest	Corporate Governance and Sound Management
	GRI 2-16	Communication of critical concerns	Corporate Governance and Sound Operations
	GRI 2-17	Collective knowledge of the highest governance body	About This Report
	GRI 2-18	Evaluation of the performance of the highest governance body	Corporate Governance and Sound Operations
	GRI 2-19	Remuneration policies	Corporate Governance and Sound Operations

4. Strategy, Policies, and Practices	GRI 2-20	Process to determine remuneration	Corporate Governance and Sound Operations
	GRI 2-21	Annual total compensation ratio	Corporate Governance and Sound Operations
	GRI 2-22	Statement on sustainable development strategy	Sustainable Development (ESG) Management
	GRI 2-23	Policy commitments	Not applicable
	GRI 2-24	Embedding policy commitments	Not applicable
	GRI 2-25	Processes to remediate negative impacts	Stakeholder Communication
	GRI 2-26	Mechanisms for seeking advice and raising concerns	Stakeholder Communication
	GRI 2-27	Compliance with laws and regulations	Risk Control and Compliance
5. Stakeholder Engagement	GRI 2-28	Membership associations	Product Responsibility
	GRI 2-29	Approach to stakeholder engagement	Stakeholder Communication
GRI 3 Material Topics 2021	GRI 2-30	Collective bargaining agreements	Employee Recruitment and Development
	GRI 3-1	Process to determine material topics	Topic Materiality Analysis Process
	GRI 3-2	List of material topics	Stakeholder Communication
GRI 201 Economic Performance 2016	GRI 3-3	Management of material topics	Conclusion on the Importance of Material Topics
	GRI 201-1	Direct economic value generated and distributed	Quantitative Performance Indicators
	GRI 201-2	Financial implications and other risks and opportunities due to climate change	Climate Change Response
	GRI 201-3	Defined benefit plan obligations and other retirement plans	Employee Recruitment and Development
GRI 203 Indirec Economic Impacts 2016	GRI 201-4	Financial assistance received from government	About This Report
	GRI 203-1	Infrastructure investments and services supported	Rural Revitalization and Social Contribution
GRI 204 Procurement Practices 2016	GRI 203-2	Significant indirect economic impacts	Rural Revitalization and Social Contribution
	GRI 204-1	Proportion of spending on local suppliers	Supply Chain Management
GRI 205 Anti-Corruption 2016	GRI 205-1	Operations assessed for risks related to corruption	Quantitative Performance Indicators
	GRI 205-2	Communication and training about anti-corruption policies and procedures	Quantitative Performance Indicators
	GRI 205-3	Confirmed incidents of corruption and actions taken	Business Ethics
GRI 206 Anti-competitive Behavior 2016	GRI 206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Business Ethics
	GRI 207-1	Approach to tax	Risk Control and Compliance
GRI 207 Tax 2016	GRI 207-2	Tax governance, control, and risk management	Risk Control and Compliance
	GRI 207-3	Stakeholder engagement and management of concerns related to tax	Risk Control and Compliance

GRI 301 Materials 2016	GRI 207-4	Country-by-country reporting	Not applicable
	GRI 301-1	Materials used by weight or volume	Quantitative Performance Indicators
	GRI 301-2	Recycled input materials used	Resource Consumption and Recycling
GRI 302 Energy 2016	GRI 301-3	Reclaimed products and their packaging materials	Resource Consumption and Recycling
	GRI 302-1	Energy consumption within the organization	Resource Consumption and Recycling
	GRI 302-2	Energy consumption outside of the organization	Undisclosed
	GRI 302-3	Energy intensity	Undisclosed
	GRI 302-4	Reduction of energy consumption	Resource Consumption and Recycling
GRI 303 Water and Effluents 2018	GRI 302-5	Reductions in energy requirements of products and services	Resource Consumption and Recycling
	GRI 303-1	Interactions with water as a shared resource	Resource Consumption and Recycling
	GRI 303-2	Management of water discharge-related impacts	Resource Consumption and Recycling
	GRI 303-3	Water withdrawal	Resource Consumption and Recycling
	GRI 303-4	Water discharge	Resource Consumption and Recycling
GRI 304 Biodiversity 2016	GRI 303-5	Water consumption	Resource Consumption and Recycling
	GRI 304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Environmental Management
	GRI 304-2	Significant impacts of activities, products, and services on biodiversity	Environmental Management
	GRI 304-3	Habitats protected or restored	Not applicable
GRI 305 Emissions 2016	GRI 304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	Not applicable
	GRI 305-1	Direct (Scope 1) GHG emissions	Climate Change Response
	GRI 305-2	Energy indirect (Scope 2) GHG emissions	Climate Change Response
	GRI 305-3	Other indirect (Scope 3) GHG emissions	Undisclosed
	GRI 305-4	GHG emissions intensity	Undisclosed
	GRI 305-5	Reduction of GHG emissions	Undisclosed
	GRI 305-6	Emissions of ozone-depleting substances (ODS)	Undisclosed
	GRI 305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	Climate Change Response
	GRI 306-1	Waste generation and significant waste-related impacts"	Pollution Emission"



<b>GRI 306 Waste 2020</b>	GRI 306-2	Management of significant waste-related impacts	Pollution Emission
	GRI 306-3	Waste generated	Pollution Emission
	GRI 306-4	Waste diverted from disposal	Pollution Emission
	GRI 306-5	Waste directed to disposal	Pollution Emission
	GRI 306-3 (Old)	Significant spills	Pollution Emission
<b>GRI 308 Supplier Environmental Assessment 2016</b>	GRI 308-1	New suppliers that were screened using environmental criteria	Supply Chain Management
	GRI 308-2	Negative environmental impacts in the supply chain and actions taken	Supply Chain Management
<b>GRI 401 Employment 2016</b>	GRI 401-1	New employee hires and employee turnover	Employee Recruitment and Development
	GRI 401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	Employee Recruitment and Development
	GRI 401-3	Parental leave	Employee Recruitment and Development
<b>GRI 403 Occupational Health and Safety 2018</b>	GRI 403-1	Occupational health and safety management system	Employee Health and Safety
	GRI 403-2	Hazard identification, risk assessment, and incident investigation	Employee Health and Safety
	GRI 403-3	Occupational health services	Employee Health and Safety
	GRI 403-4	Worker participation, consultation, and communication on occupational health and safety	Employee Health and Safety
	GRI 403-5	Worker training on occupational health and safety	Employee Health and Safety
	GRI 403-6	Promotion of worker health	Employee Health and Safety
	GRI 403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Employee Health and Safety
	GRI 403-8	Workers covered by an occupational health and safety management system	Employee Health and Safety
	GRI 403-9	Work-related injuries	Employee Health and Safety
	GRI 403-10	Work-related ill health	Employee Health and Safety
<b>GRI 404 Training and Education 2016</b>	GRI 404-1	Average hours of training per year per employee	Employee Recruitment and Development
	GRI 404-2	Programs for upgrading employee skills and transition assistance programs	Employee Recruitment and Development
	GRI 404-3	Percentage of employees receiving regular performance and career development reviews	Employee Recruitment and Development
<b>GRI 405 Diversity and Equal Opportunity</b>	GRI 405-1	Diversity of governance bodies and employees	Employee Recruitment and Development
	GRI 405-2	Ratio of basic salary and remuneration of women to men	Not disclosed due to confidentiality requirements
<b>GRI 406 Anti-discrimination 2016</b>	GRI 406-1	Incidents of discrimination and corrective actions taken	Employee Recruitment and Development
<b>GRI 407 Freedom of Association and Collective Bargaining 2016</b>	GRI 407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	Quantitative Performance Indicators
<b>GRI 408 Child Labor 2016</b>	GRI 408-1	Operations and suppliers at significant risk for incidents of child labor	None

<b>GRI 409 Forced or Compulsory Labor 2016</b>	GRI 409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor	None
	GRI 410-1	Security personnel trained in human rights policies or procedures	None
	GRI 411-1	Incidents of violations involving rights of indigenous peoples	None
<b>GRI 413 Local Communities 2016</b>	GRI 413-1	Operations with local community engagement, impact assessments, and development programs	Rural Revitalization and Social Contribution
	GRI 413-2	Operations with significant actual and potential negative impacts on local communities	Not applicable
<b>GRI 414 Supplier Social Assessment 2016</b>	GRI 414-1	New suppliers that were screened using social criteria	Supply Chain Management
	GRI 414-2	Negative social impacts in the supply chain and actions taken	Supply Chain Management
<b>GRI 416 Customer Health and Safety 2016</b>	GRI 416-1	Assessment of the health and safety impacts of product and service categories	Product Quality
	GRI 416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	Product Quality
<b>GRI 417 Marketing and Labeling 2016</b>	GRI 417-1	Requirements for product and service information and labeling	Customer Service
	GRI 417-2	Incidents of non-compliance concerning product and service information and labeling	Customer Service
	GRI 417-3	Incidents of non-compliance concerning marketing communications	Customer Service
<b>GRI 418 Customer Privacy 2016</b>	GRI 418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	Customer Service





# Index of "Shenzhen Stock Exchange Listed Companies Self-Regulatory Supervision Guidelines No. 17 - Sustainable Development Report (Trial)"

Dimension	Topic	Corresponding Chapter
Environmental	Climate Change Response	Climate Change Response
	Pollutant Emission	Pollution Emission
	Waste Management	Pollution Emission
	Ecosystem and Biodiversity Conservation	Ecological Environment Protection
	Environmental Compliance Management	Environmental Management Structure 、 Pollution Emission
	Energy Utilization	Resource Consumption and Recycling
	Water Resource Utilization	Resource Consumption and Recycling
Social	Circular Economy	Resource Consumption and Recycling
	Rural Revitalization	Rural Revitalization and Social Contribution
	Social Contribution	Rural Revitalization and Social Contribution
	Innovation-Driven Development	Science and Technology Innovation
	Technology Ethics	Not Involved
	Supply Chain Security	Supply Chain Management
	Equal Treatment of SMEs	Industry Cooperation and Progress
	Product and Service Safety and Quality	Product Quality 、 Customer Service
	Data Security and Customer Privacy Protection	Risk Control and Compliance
	Employees	Employee Recruitment and Turnover
Sustainable Development		Employee Benefits and Care
	Due Diligence	Employee Training and Development 、 Employee Health and Safety
		ESG Management Framework
	Stakeholder Communication	Topic Materiality Analysis Process
	Anti-Commercial Bribery and Anti-Corruption	Stakeholder Communication 、 Conclusion on the Importance of Material Topics
	Anti-Unfair Competition	Stakeholder Communication 、 Business Ethics
		Business Ethics 、 Customer Service





# Appendix I Definitions

Definition Entry	refers to	Definition Content
Company, GR	refers to	Guangdong Great River Smarter Logistics Co., Ltd.
Dongguan Evergrowing Terminal	refers to	Dongguan Evergrowing Terminal Co., Ltd. is a wholly-owned subsidiary company
Dongguan Great River Petrochemical Terminal	refers to	Dongguan Great River Petrochemical Terminal Co., Ltd., a wholly-owned subsidiary of the company
Dongguan Great River Petrochemical Terminal	refers to	Dongguan Great River Petrochemical Terminal Co., Ltd., a wholly-owned subsidiary of the company
Lishadao Base	refers to	Including Dongguan Evergrowing Terminal, Dongguan Great River Petrochemical Terminal, Dongguan Great River Petrochemical Terminal
Zhongshan Hongchuan	refers to	Hongchuan Petrochemical Storage Co., Ltd., a wholly-owned subsidiary of Dongguan Evergrowing Terminal in Zhongshan City
Taicang Power Shell Petrochemical	refers to	Taicang Power Shell Petrochemical Co., Ltd., a wholly-owned subsidiary of the company
Jiangsu Changjiang Petrochemical	refers to	Jiangsu Changjiang Petrochemical Co., Ltd. is a partially-owned company of Nantong Power Shell Petrochemical Co., Ltd
Nantong Power Shell Petrochemical	refers to	Nantong Power Shell Petroleum Logistics Co., Ltd., a wholly-owned subsidiary of the company
Nantong Hongzhi Logistics	refers to	Nantong Hongzhi Chemical Logistics Co., Ltd., a wholly-owned subsidiary of Nantong Power Shell Petrochemical Co., Ltd
Nantong Great Smart, Nantong Yilian	refers to	Nantong Great Smart Petrochemical Terminal Co., Ltd.( the original name was Yilian Energy (Nantong) Co., Ltd.) is a wholly-owned subsidiary company of Nantong Power Shell Petrochemical Co., Ltd
Nantong Base	refers to	Including Nantong Power Shell Petrochemical Co., Ltd., Nantong Great Smart, and Nantong Hongzhi Logistics
Changzhou Great River	refers to	Changzhou Great River Petrochemical Terminal Co., Ltd. is a subsidiary holding company of Taicang Power Shell Petrochemical Co., Ltd
Changshu Great River	refers to	Changshu Great River Petrochemical Terminal Co., Ltd. is a wholly-owned subsidiary company of Taicang Power Shell Petrochemical Co., Ltd
Changshu Great Smart	refers to	Changshu Great Smart Petrochemical Terminal Co., Ltd. is a wholly-owned subsidiary company of Taicang Power Shell Petrochemical Co., Ltd
Changshu Base	refers to	Including Changshu Great River, Changshu Great Smart
Fujian Gangfeng Energy	refers to	Fujian Gangfeng Energy Co., Ltd. is a holding subsidiary company
Nanjing Great River	refers to	Nanjing Great River Petrochemical Terminal Co., Ltd. is a subsidiary holding company
Ningbo Ningxiang	refers to	Ningbo Ningxiang Liquid Chemicals Terminal Co., Ltd. is a subsidiary joint venture company
Weifang Great River	refers to	Weifang Great River Liquid Chemicals Terminal Co., Ltd.
Rizhao Great River	refers to	Rizhao Great River Warehousing & Logistics Co., Ltd. is a subsidiary holding company of Dongguan Evergrowing Terminal Co., Ltd
Cangzhou Great River	refers to	Cangzhou Great River Warehousing & Logistics Co., Ltd., a subsidiary of Nantong Power Shell Petrochemical Co., Ltd
Chengdu Great Smart Warehousing	refers to	Chengdu Great Smart Warehousing Co., Ltd. is a wholly-owned subsidiary company
Ningbo Chenling	refers to	Ningbo Chenling Liquid Chemical Storage Co., Ltd.
General Meeting of Shareholders	refers to	General Meeting of Shareholders of Guangdong Great River Smarter Logistics Co., Ltd.
Directors or Board of Directors	refers to	Directors or Board of Directors of Guangdong Great River Smarter Logistics Co., Ltd.
Supervisors or Board of Supervisors	refers to	Supervisors or Board of Supervisors of Guangdong Great River Smarter Logistics Co., Ltd
HSE	refers to	The abbreviation for Health, Safety, and Environment is HSE, which stands for Health, Safety, and Environment
Yuan, ten thousand yuan	refers to	Chinese Renminbi yuan, ten thousand yuan

# Appendix I Feedback Form

Dear readers,

We appreciate your time in reviewing this report. In our effort to enhance our sustainable development work at Guangdong Great River Smarter Logistics Co., Ltd. , we aim to gain a comprehensive understanding of your expectations and needs. Through this survey, we strive to continuously elevate the standard of our sustainable development efforts. We cordially invite you to take part in the survey. Your perspectives and insights are vital to us. We truly value your insightful feedback and suggestions!

Please indicate your choice by marking a √ in the appropriate space.

**1. Which of the following identities most accurately represents you for Macro Wisdom?**

☐ government or regulatory agency personnel

☐ shareholders, investors

☐ customers

☐ employees

☐ supplier

☐ partner (industry partner/media organization/NGO, etc.)

☐ community residents

**2. Are you generally pleased with this year's report?**

☐ Extremely Satisfied

☐ Satisfied

☐ Neither Satisfied nor Dissatisfied

☐ Dissatisfied

☐ Extremely Dissatisfied

**3. Has the information that interests you been accurately represented in this report?**

☐ Fully reflected

☐ Mostly reflected

☐ Partially reflected

☐ Minimally reflected

☐ Not reflected

**4. What are your thoughts on the layout and presentation of the report?**

☐Outstanding

☐ Above Average

☐ Average

☐ Below Average

☐ Unsatisfactory

**5. What are your expectations for GR regarding sustainable development efforts?**


☐ Develop a long-term sustainable development plan

☐ External communication is being carried out extensively.

☐ Enhance the establishment of institutions for sustainable development management.

☐ Incorporate the evaluation of sustainable development performance into management assessments.

☐ Other (please specify)



**You are welcome to share your feedback through the following means:**

Email: grsl@grgroup.cc

Phone: 0769-88002930

Address: 4th Floor, Building 1, Songke Yuan, No. 4 Libin Road, Songshan Lake High-tech Industrial Development Zone, Dongguan City