

2025

ENVIRONMENTAL, SOCIAL & GOVERNANCE REPORT



About This Report

This Report aims to objectively and fairly disclose the philosophy, progress, and achievements in environmental, social, and governance (hereinafter referred to as "ESG") aspects of Muyuan Foods Co., Ltd. (Stock Code: 002714.SZ, 02714.HK, hereinafter referred to as "Muyuan Foods", "Muyuan", "the Company," or "we") and its subsidiaries for the year 2025. This Report has been the 12th annual ESG report released by the Company since 2013.

Additionally, we have released alongside this Report the *Green and Low-Carbon Action Report*, which highlights Muyuan's initiatives in green and low-carbon development. Together, these reports form Muyuan's sustainable development information disclosure system.

Reporting Scope

Unless otherwise stated, the disclosure scope of this Report aligns with that of the 2025 Annual Report of Muyuan Foods Co., Ltd., covering Muyuan Foods Co., Ltd. and its subsidiaries. The reporting period covers January 1, 2025, to December 31, 2025. To enhance the Report's continuity and forward-looking perspective, certain sections may cover periods beyond the reporting period.

Reporting Principles

The preparation of this Report follows the principles of materiality, quantification, accuracy, balance, comparability, and completeness.

- **Quantification:** This Report discloses key performance indicators with explanatory notes on relevant statistical boundaries, calculation methodologies, and reference parameters. It quantitatively assesses sustainability performance by presenting historical data and progress toward goals.
- **Importance:** In preparing this Report, we identified key stakeholders and their priority sustainability topics. Through a materiality assessment, we determined the relative significance of these topics to provide targeted disclosures in this Report.
- **Accuracy:** The information in this Report is sufficiently accurate and detailed to enable stakeholders to assess Muyuan's ESG performance.
- **Balance:** This Report presents both the positive and negative impacts of the Company, providing an unbiased description of its ESG performance to enable stakeholders to comprehensively evaluate its overall performance.
- **Comparability:** The data in this Report is calculated using statistical methods consistent with those of previous years to facilitate analysis and comparison; Individual changes have been explained where applicable.
- **Integrity:** This Report covers all material ESG topics, ensuring the disclosure of all critical factors affecting the Company's sustainable development.

Data Sources

Information, data, and case studies presented in this Report are sourced from the Company's statistical reports or public documents. Unless otherwise specified, all monetary figures in this report are denominated in Renminbi (CNY).

Forward-Looking Statements

We closely monitor the potential impacts of ESG topics on corporate development and proactively prepare for the future. In addition to historical facts, this Report contains forward-looking statements concerning future trends and outlook. However, due to various risks and uncertainties, actual results may differ materially from those expressed or implied.

Compilation Basis

This report adheres to mainstream ESG disclosure frameworks, integrating quantitative performance with qualitative analysis to systematically disclose innovative practices and promote transparent communication and value co-creation.

International Standards and References

- IFRS S1 *General Requirements for Disclosure of Sustainability-related Financial Information* and IFRS S2 *Climate-related Disclosures* by International Sustainability Standards Board (ISSB)
- *GRI Sustainability Reporting Standards* (GRI Standards) by Global Sustainability Standards Board (GSSB);
- *SASB Standards* by International Sustainability Standards Board (ISSB)
- *Recommendations of the Taskforce on Nature-related Financial Disclosures* (TNFD Framework)
- *CDSB Technical Bulletin: Water-related Disclosures* by Climate Disclosure Standards Board (CDSB)

Domestic Standards and References

- *Corporate Sustainability Disclosure Standards – Basic Standards (For Trial Implementation)* by the Ministry of Finance of the People's Republic of China et al.
- *Corporate Sustainability Disclosure Standards – Climate (For Trial Implementation)* by the Ministry of Finance of the People's Republic of China et al.
- *Self-Regulatory Supervision Guidelines for Listed Companies No. 17 - Sustainability Report (Trial)* by Shenzhen Stock Exchange
- *Self-Regulatory Supervision Guidelines for Listed Companies No. 3 - Sustainability Report Preparation* by Shenzhen Stock Exchange
- *Appendix C2 Environmental, Social and Governance Code of Main Board Listing Rules* by The Stock Exchange of Hong Kong Limited.
- China National Standard GB/T 36001-2015 *Guidelines on Social Responsibility Reporting*
- *Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises (CASS-ESG 6.0)* by the Chinese Academy of Social Sciences (CASS).

Languages

This Report is available in three language versions: Simplified Chinese, Traditional Chinese and English. In case of any discrepancy or conflict between different language versions, the Simplified Chinese version shall prevail.

Report Access

This Report is published in both printed and electronic formats. The electronic report can be accessed and downloaded via the Juchao Information Network (www.cninfo.com.cn), HKEXnews of Hong Kong Stock Exchange (www.hkexnews.hk) and the Company's website (www.muyuanfoods.com).

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Statement of the Board of Directors

Pursuant to the requirements of the *Environmental, Social and Governance Reporting Guide* of The Stock Exchange of Hong Kong Limited., the Board of Directors of the Company hereby issues the following statement.

The Board of Directors is the highest decision-making body for ESG matters, leading the formulation, decomposition, implementation, and oversight assessment of the Company's ESG strategy. The Board has established a Sustainable Development Committee tasked with the comprehensive identification, assessment, oversight, and management of ESG-related matters. The Committee is responsible for reviewing and overseeing the implementation of ESG strategies and annual initiatives, ensuring the authenticity, accuracy, and completeness of ESG disclosures, and evaluating annual sustainability work plans and their execution.

The Company integrates the management of ESG risks and opportunities into its strategic planning. Based on macro development policies, regulatory compliance requirements, and industry focal points, we systematically identify and assess core ESG topics facing the Company. By conducting a rigorous assessment of the actual and potential impacts of various topics on our business strategy across the short, medium, and long term, we have established a clear priority sequence for these topics and formulated targeted action plans. This process ensures that ESG management is purpose-driven, providing strong support for high-quality information disclosure and effective internal governance.

The Company has established a robust ESG target management mechanism. Performance targets for key areas-including greenhouse gas emissions, water stewardship, work safety, and food safety etc. are integrated into our development plans and strategic initiatives. Furthermore, the achievement of these targets is linked to the performance evaluations of Directors, Senior Executives, heads of ESG-related topics, and business segment leaders.

Message from the Chairman



Driving Sustainable Development through Tri-Value Creation for a Shared Brighter Future

In 2025, China's hog farming industry moved steadily forward amidst both challenges and opportunities, progressing towards high-quality development. Muyuan has remained steadfast in the core value of "Creating Value and Serving Society." We have deeply embedded ESG principles into our corporate strategy, cultivating excellence across corporate governance, technological innovation, green development, and shared industrial prosperity, with a goal to achieve the synergetic enhancement of internal value, customer value, and social value.

Empowering High-quality Development through Internal Value Strengthening

Governance is the cornerstone of a resilient and enduring enterprise. We

have continuously optimized our ESG governance system to foster a strategic transition from "compliance-driven" to "value-creation" sustainable development. We remain committed to technological innovation, with R&D investment reaching 1.648 billion yuan in 2025. We adhere to people-oriented philosophy and revitalize the organization by continuously optimizing our remuneration mechanisms and strengthening management leadership. In 2025, our farming cost was reduced to 12 yuan per kilogram, enabling us to navigate industry cycles and achieve high-quality growth. We stay unwavering in transparent governance and fortify our legal and compliance systems through rigorous implementation of 360-Degree Supervision. In 2025, a total of RMB 7.2996 million was awarded to internal and external whistleblowers, leveraging transparent oversight to enhance our overall governance excellence.

Safeguarding Table-side Happiness through Customer Value Creation

Upholding our business purpose to "produce wholesome foods for society, improve the life quality of all", we continuously improve our food quality standards. Through a closed-loop management system spanning the entire value chain from breeding, feed, and farming to slaughtering, we implement internal control standards stricter than those of the national level. This ensures every stage is transparent, controllable, and traceable, guaranteeing premium product quality. To pioneer a path toward even higher quality, we have invested CNY 6 billion to establish a "Hyper-Healthy" eeding platform, selecting superior genetics from the source to produce premium meat. During the farming process, we have implemented the "Sky-Net Project" for disease purification and deployed intelligent air-filtration piggeries to ensure healthier hogs and superior meat quality. In 2025, Muyuan supplied 7.09 million tonnes of high-quality pork to society, meeting the consumption needs of over 100 million people. Moving forward, we will continue to leverage technological innovation to continuously improve pork quality, allowing the public to spend affordable prices on high-quality meat and enjoy an abundant life.

Fulfilling Corporate Responsibility through Social Value Contribution

Social needs are the fundamental reason for an enterprise's existence, and social value is the starting point for sustainable development.

We remain steadfast in our green development strategy with the purpose of “Zero Emissions, Zero Hazards, Zero Odors, Smog Reduction, and Carbon Mitigation”. By implementing decarbonization actions across the entire industrial chain, we achieved a greenhouse gas (GHG) emission reduction of 6.0588 million tonnes in 2025. Our GHG emission intensity was optimized to 0.883 tCO₂e per ton of pork, representing a year-on-year decrease of 2.4%. We share our ammonia reduction and deodorization technologies with the industry to lead green transformation. Our circular economy model of “pigs fertilize fields, fields feed pigs” served 4.92 million mu (approx. 328,000 hectares) of farmland, helping farmers increase their income by CNY1.017 billion and fostering a harmonious coexistence between animal husbandry and the ecosystem.

We drive common prosperity through industrial development. We have created jobs for 127.6 thousand people and helped traditional farmers transition into “New Agricultural Professionals” through systematic training. We provided stable new livelihoods for over 7,000 households that had previously ceased pig farming, while our industrial internet platform empowered 10,000 farms in their professional development. With greater scale comes greater responsibility. It is our glorious mission to build an enterprise that can promote regional development and bring greater hope to local communities.

Looking ahead, Muyuan will continue to let ESG lead the way as we enhance our "Tri-Value" creation and contribute even greater value to social progress. We extend our sincere gratitude to every partner on this journey—let us join hands to create a brighter future together!

Chairman: March 2026

About Muyuan

Company profile

Established in 1992 and listed on the Shenzhen Stock Exchange (SZSE) in 2014, Muyuan Foods Co., Ltd. has, over the past 33 years of innovative growth, built a pork industry chain which integrates feed processing, pig breeding, commercial pig farming, and slaughtering & meat processing. As of the end of 2025, Muyuan Foods' business operations have spanned 25 provincial-level administrative regions, 109 cities, and 226 counties (districts) across China, with 320 wholly-owned and holding subsidiaries and 127.6 thousand employees. In 2025, Muyuan supplied 77.981 million finished pigs to the market, slaughtered 28.663 million pigs, achieving an operating revenue of CNY144.145 billion, and net profit of CNY 15.812 billion.

Guided by our vision of “to serve people with wholesome pork for their enjoyment in an abundant life”, Muyuan actively aligns with the UN Sustainable Development Goals (SDGs). Focused on the pork sector, we continuously strengthen our ESG governance and practices to drive synergetic growth in economic, ecological, and social value, thereby contributing to the sustainable future of both our industry and society.

Finished pigs supplied	Pigs slaughtered	Operating revenue	Net profit
77.981	28.663	144.4145	15.812
million	million	billion CNY	billion CNY



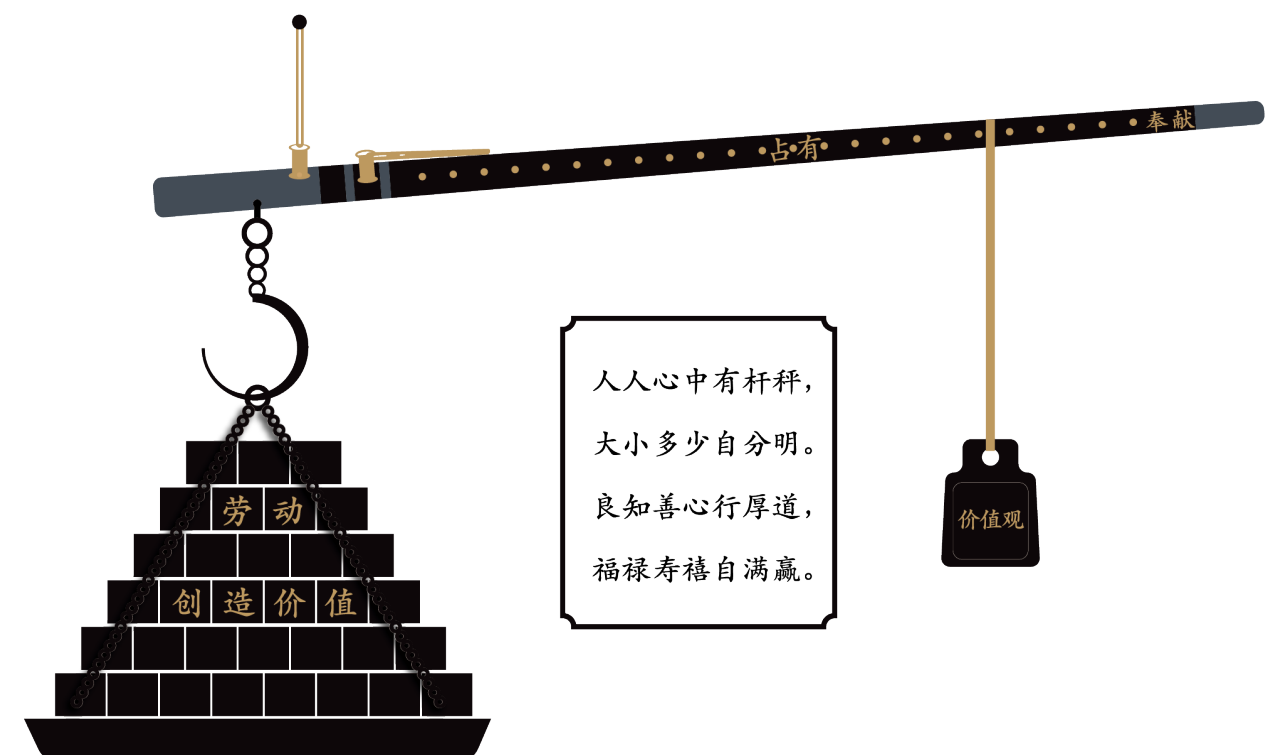
Distribution of breeding and slaughtering operations

Corporate Culture

Identity	Producer of high-quality pork and promoter of social progress.
Mission	To produce safe and healthy pork products for the public; to advance healthy industry development.
Vision	To serve people with wholesome pork for their enjoyment in an abundant life; to make the company respected.
Business Motto	Revere nature, care for people, and act in accordance with the principles.
Core Values	Create value, serve society, be internally and externally upright, and promote social progress.
Cultural theme	Strict self-discipline, courage to take responsibility, pursuit of excellence, and service to society.

Muyuan Value Formula

Creation - Possession = Value



Sustainability Timeline-Key Milestones in 2025

Industry exchange and cooperation

January

Muyuan hosted the Henan Conference on Enhancing Quality and Efficiency in the Swine Industry. Chairman Qin Yinglin affirmed Muyuan's unwavering commitment to a path of high-quality, green, and sustainable development, pledging to drive the industry's advancement not only in Henan but across the nation.

April

In April 2025, Muyuan hosted the 2025 World Pork Event (WPE), convening global industry leaders to exchange insights on advanced technologies. Together, we explored the future of sustainable development for the global swine sector.

May

Muyuan held a conference call with the FAIRR Initiative and major overseas investors on waste and pollution issues, addressing investor concerns.

July

The Muyuan Laboratory of Henan Laboratory and the Nanyang Xihu Muyuan Synthetic Biology Research Institute co-hosted the 2025 Nanyang Synthetic Biology Industry Conference. The conference facilitated in-depth dialogues on breakthroughs in synthetic biotechnology across future food, new materials, and medical health, collectively exploring the future landscape of synthetic biology.

July

Henan Muyuan Ecological Environment Technology Co., Ltd. entered into a scientific and technological cooperation agreement with the Nanjing Institute of Environmental Sciences under the Ministry of Ecology and Environment. The two parties agreed to forge practical collaboration in key areas, including strategic planning for technological needs, co-development of research platforms, talent exchange and cultivation, and the commercialization of scientific achievements, in collaboration with the Nanjing Institute of Environmental Sciences under the Ministry of Ecology and Environment.

September

Muyuan CFO Gao Tong attended the 7th China Swine Industry Technology Conference held concurrently with the 2025 Annual Academic Meeting of the Chinese Association of Animal Science and Veterinary Medicine. Delivering a keynote speech on digitalization and intelligent transformation alongside green transition, he articulated a vision to achieve "healthy pigs, well-being for people, and a prosperous industry". He emphasized the goal of fostering a robust ecosystem to safeguard sustainable development.

September

Muyuan participated in Deloitte China's "Asia-Pacific Mandatory Sustainability Reporting Series" seminar. Joining forces with Deloitte experts and industry leaders, the Company engaged in high-level dialogues on policy trends, exchanged cutting-edge practices, and strategized to seize emerging opportunities for sustainable development.

October

Muyuan participated in the World Agricultural Science and Technology Innovation Conference. There, Chairman Qin Yinglin engaged in high-level dialogues on "AI and the Future of Agriculture" with leading global and domestic experts and entrepreneurs from the agri-food sector. He also highlighted Muyuan's pioneering journey, practical implementations, and tangible achievements in smart livestock farming.

October

Muyuan participated in the Henan Symposium on Credit Integrity and Private Sector Development. At the event, Chief Legal Officer (CLO) Yuan Hebin presented a comprehensive overview of the Company's strategies and achievements in fostering an integrity-driven culture, strengthening corporate governance, and enhancing compliance management. These efforts underscore Muyuan's commitment to contributing to a more trustworthy, transparent, and efficient business ecosystem.

November

Muyuan participated in the Swine Industry Development Conference. Delivering a keynote address on "Building a Sustainable Ecosystem for Corporate Development in the New Era", Chairman Qin Yinglin reiterated the Company's unwavering resolve to stay the course on environmental protection and sustainable growth.

December

Muyuan participated in the Xinhua News Agency Climate Action Conference. Joining forces with stakeholders from all sectors of society, the company collaborated to chart pathways for zero-carbon transformation, seize opportunities in green development, and co-create a zero-carbon future.

ESG honors and awards

March

Muyuan's "Digital Crop-Livestock Integration" model was featured as a representative case study in the *CMG Rural Revitalization Observation Report (2023-2024)*, published by the China Media Group (CMG) Research Institute.

June

At the 4th International Green Zero-Carbon Festival and ESG Leadership Summit, Muyuan was honored with the "2025 Dual-Carbon Model Enterprise Award" and the "2025 ESG Excellence Case Award".

Muyuan was honored as an "Influential Leading Enterprise" on the "2025 Golden Bee CSR China List". Additionally, its corporate social responsibility practice was selected as a featured case in the *2025 GoldenBee Collection of Responsible Competitiveness Cases*.

August

Muyuan was honored with the Silver Award at the 2025 Global Agri-Innovators Competition, co-organized by the Food and Agriculture Organization of the United Nations (FAO) and partner institutions.

Muyuan's case study, *Upholding Green Development: Boosting Economic Value through Ecological Sustainability*, was selected for Xinhua's list of "2025 Green and Low-Carbon Practices Empowering High-Quality Development".

November

Muyuan's case study, *Building Foundations through Innovation, Sharing Prosperity for the Future*, was selected for the China Association for Public Companies' list of "2025 Outstanding Sustainable Development Practices of Listed Companies".

Two of Muyuan's case studies-*Practicing Circular Economy to Advance Green Transformation* and *Cultivating Low-Carbon Pioneers for a Green-Driven Future*-were honored with the "Golden Key SDG Excellence Solution Award" by China Sustainability Tribune.

Muyuan's case study, *Co-building an ESG Ecosystem, Co-creating a Sustainable Future*, was honored with the "2025 Enterprise ESG Excellence Award" for outstanding contributions.

December

Muyuan's case study, *Committing to Environmental Stewardship: Underpinning High-Quality Development with a Robust Ecosystem*, was honored as a Sustainable Development Practice Achievement at the 4th Xinhua Credit "Jinlan Cup" Awards.

Representative Case Study in the CMG Rural Revitalization Observation Report (2023-2024)

Corporate Social Responsibility • Leading Enterprise

Xinhua Credit Jinlan Cup-Environmental Protection Practice Achievement

Annual Sustainability Performance Highlights

Governance performance

As part of its efforts to further strengthen its governance on business ethics, the Company conducted routine audits across its 149 subsidiaries. In 2025, it conducted 45 specialized audits and screenings. Training on anti-bribery and anti-corruption was extended to all employees and admitted partners, achieving 100% coverage across the board. Additionally, the Company ensured a 100% pass rate for the business ethics certification exam among employees and a 100% rectification rate for findings identified in specialized anti-bribery and anti-corruption audits.

Training rate of employees and admitted partners	Pass rate of the certification exam among employees	Rectification rate of specialized audits
100%	100%	100%

Muyuan proactively addressed stakeholder concerns through 2,190 investor engagement activities, fostering mutual growth and shared success with all stakeholders.

Environmental performance

Driven by technological innovations such as low-soy diet, pig houses with fossil fuel-free heating, crop-livestock cycle, and renewable energy development, Muyuan achieved a GHG emission reduction value of 6.0588 million tonnes of CO₂e. Consequently, the Company's GHG emission intensity stood at 0.883 kg of CO₂e per kilogram of pork.

GHG emission reduction value	GHG emission intensity
6.0588 million tCO ₂ e	0.883 kg CO ₂ e/ kg pork

The Company returned 160 million cubic meters of manure slurry to farmland as fertilizer, reused 4.5183 million cubic meters of reclaimed water, and achieved a 100% manure slurry return rate, resulting in zero discharge, no odor, and no disturbance to local communities.

Manure slurry returned to farmland	Reclaimed water	Manure slurry return rate
160 million m ³	4.5183 million m ³	100%

By the end of 2025, 410,200 mu of land had been improved, including 318.2 thousand mu of saline-alkali land and 92 thousand mu of desert land.

Land improved	Saline-alkali land improved	Desert land improved
410.2 thousand mu	318.2 thousand mu	92 thousand mu

The proportion of green electricity substitution reached 4.4%, and greenhouse gas emissions were reduced by 176,000 tonnes of CO₂e through photovoltaic power generation.

Green electricity substitution rate	GHG emission reduction
4.4%	176 thousand tCO ₂ e

Social performance

Muyuan supplied 77.981 million finished pigs and 7.09 million tonnes of high-quality pork to the market, meeting the dietary needs of 100 million people.

Finished pigs supplied	High-quality pork	Meeting the dietary needs of
77.981 million	7.09 million tonnes	100 million people

Committed to sharing development gains with its workforce, Muyuan has engaged 16,988 cumulative participant instances in its employee stock ownership plans. In 2025, the average annual compensation per employee reached CNY 131.5 thousand.

Participant instances in its employee stock ownership plans	Average annual compensation	Occupational safety investment	Physical examination coverage for employees
16.988 thousand	131.5 thousand CNY	241.29 million CNY	100%

Muyuan prioritized employee health and safety, investing CNY 241.29 million in occupational safety, achieving 100% physical examination coverage for employees.

Muyuan provided job opportunities in rural areas, with a local employment rate of 91.49%.

Local employment rate	New-type agricultural professionals
91.49%	70 thousand+

Muyuan's crop-livestock cycle served 4.9262 million mu (approximately 328,413 hectares) of farmland, increasing farmers' income by CNY 206.43 per mu, resulting in a total annual income gain of CNY 1.017 billion.

Farmland served	Increase farmers' income by	Total annual income gain
4.9262 million mu	206.43 CNY per mu	1.017 billion CNY

Leveraging corporate strengths, Muyuan established industrial interconnectivity and shared resources and technologies to empower 10,000 farms (smallholder farmers) with specialized production capabilities,fostering shared growth and mutual success.

Empower farms (smallholder farmers)
10,000

Through the " JU'Al Education Assistance" philanthropic initiatives, Muyuan has contributed a cumulative total of CNY 478 million, providing scholarships and aid to 112.8 thousand university students and commending 39,900 instances of outstanding educators. The Company donated CNY 111 million in community benefit projects, benefiting 1,832 villages. Our volunteer team has expanded to 13,260 members, with total service hours reaching 72,930 hours.

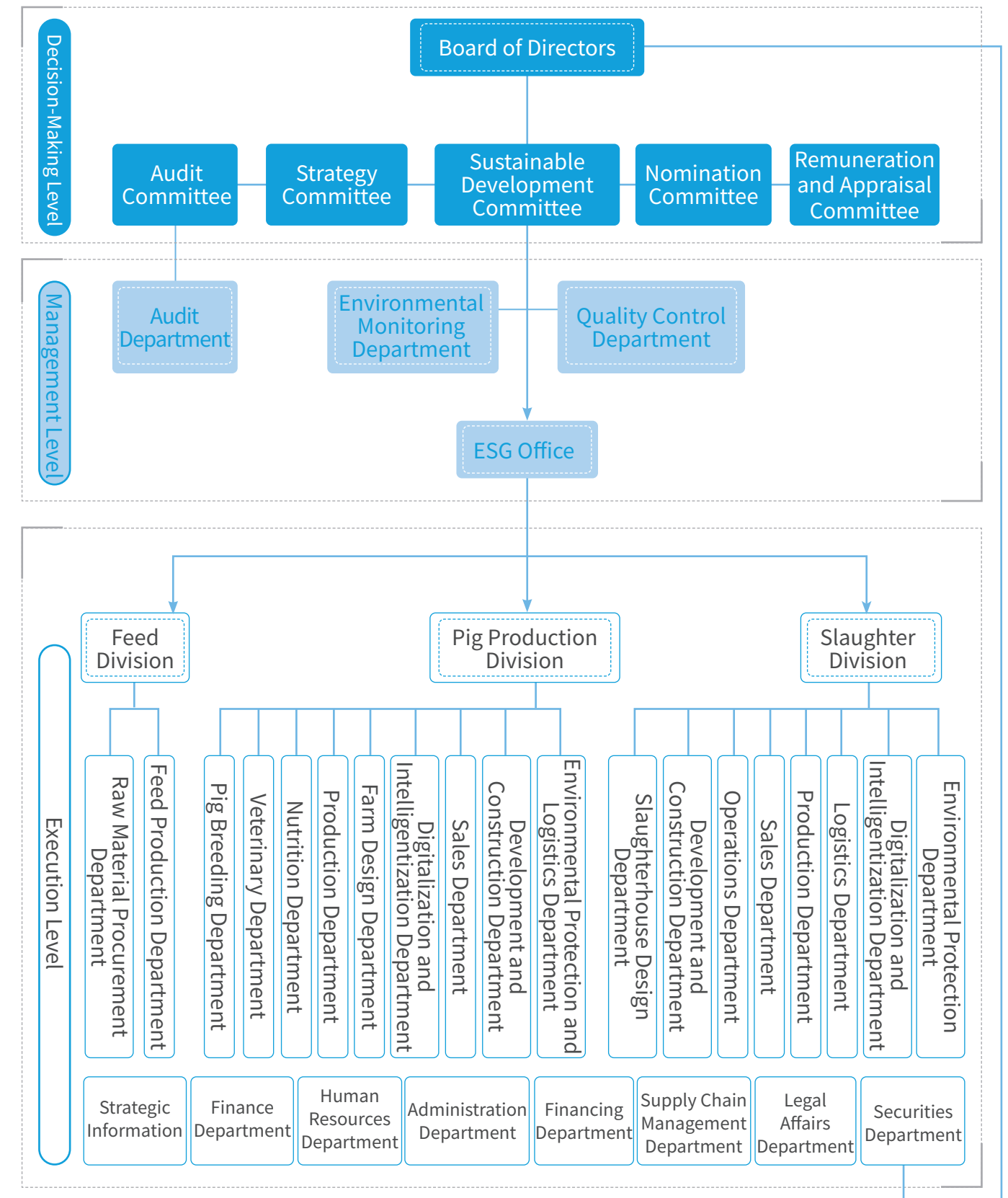
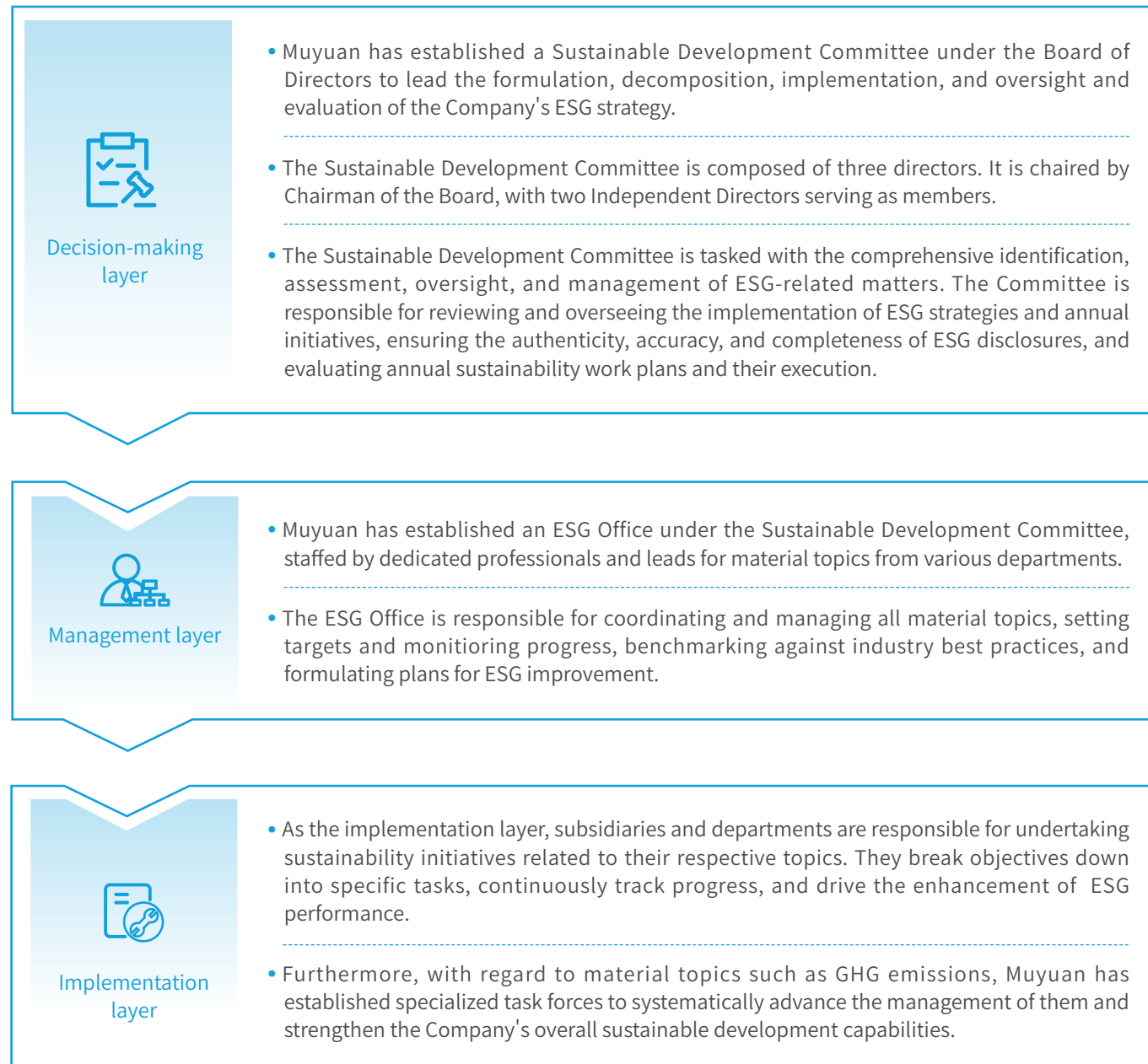
Total contribution	Provide aid to university students	Commend outstanding educators	Donation tocommunity benefit projects	Benefit villages
478 million CNY	112.8 thousand	39,900 instances	111 million CNY	1,832 villages

Governance

ESG Governance and Strategy

ESG governance structure

To align with its corporate strategy and sustainable development goals, Muyuan has established a three-tier sustainability governance structure comprising the Decision-Making, Management, and Implementation layers. Anchored by a mechanism of defined powers and responsibilities-strategic guidance from the Board, coordinated oversight by Management, and implementation at the operational level-this framework drives the deep integration of ESG strategy with corporate development objectives. This approach effectively enhances ESG performance and fortifies the governance foundation for sustainable development.



ESG governance structure

Linking ESG performance to compensation

To ensure the deep integration and coordinated execution of sustainability strategies with operational goals, Muyuan fully integrates ESG performance into the compensation appraisal systems for management at all levels. This approach penetrates ESG accountability throughout the organization, activates intrinsic motivation for company-wide engagement in sustainability, and provides a institutional guarantee for long-term value creation.

Assessment indicators	Water stewardship, sustainable supply chain, GHG emissions, food safety and work safety among other key areas.
Assessment targets	Assessment targets: Directors, senior executives, and heads of ESG-related departments and business segment leaders.
Assessment weights	Assessment weights: Assessment weights are tailored based on the materiality of role-specific ESG topics to financial, environmental, and social performance. By evaluating performance against baseline, stretch, and aspirational goals, the Company employs a dual approach of strict accountability and positive incentives, compelling management at all levels to proactively drive ESG initiatives.
Dynamic evaluation	Comprehensive ESG performance assessments are conducted annually, aligned with operational progress and evolving global rating standards, to refine and upgrade assessment indicators.

In cases of material non-compliance regarding specific topics, a remuneration clawback mechanism will be triggered in addition to legal accountability to recoup ESG bonuses awarded to relevant management personnel.

ESG strategic objectives

Aspect	Topics	Goals	2025 Progress
Governance	Risk management	Establish a risk management system to ensure full coverage of key business risk assessments every year.	Achieved
	Business ethics	Maintain a 100% anti-corruption education and exam certification rate for new employees each year.	Achieved
		Achieve a 100% annual signing rate of Integrity and Self-discipline Commitments by all employees.	Achieved
		Ensure a 100% resolution rate for reported corruption and bribery cases each year.	Achieved

Environmental	Greenhouse gas emissions	With 2024 as the baseline year, the greenhouse gas emission intensity is expected to decrease by 1.5% in 2025 and 20% in 2030.	With 2024 as the baseline year, the Company achieved a 2.4% reduction in greenhouse gas emission intensity in 2025, significantly exceeding the original 2025 target.
	Waste management	Achieve 100% resource utilization rate for manure annually, with no odor and no disturbance to surrounding communities.	Achieved
	Water stewardship	With 2024 as the baseline year, the water withdrawal intensity for farming is expected to decrease by 0.2% in 2025 and 18% in 2030.	With 2024 as the baseline year, the water withdrawal intensity for farming achieved a 10.57% reduction in 2025, significantly exceeding the original 2025 target.
	Energy management	The green electricity substitution rate is expected to reach 4% in 2025 and 30% in 2030.	In 2025, the Company achieved a green electricity substitution rate of 4.4%, significantly exceeding the original 2025 target.
		The utilization rate of biogas is expected to increase by 20% in 2025 and 60% in 2030.	In 2025, the Company achieved a utilization rate of 20%, reaching the original 2025 target.
	Biodiversity	Ensure 45% of soybean product procurement meets sustainable standards like the U.S. Soy Sustainability Assurance Protocol (SSAP) or zero-deforestation requirements.	In progress: By the end of 2025, the Company had successfully sourced 42.6% of its soybean products under the sustainable standards like the U.S. Soy Sustainability Assurance Protocol (SSAP) or zero-deforestation requirements.
Social	Labor rights	Ensure zero incidents of child labor or forced labor annually.	Achieved
	Talent development	Achieve 100% employee training coverage each year.	Achieved
	Equality and inclusion	Prioritize gender equality and support the career development of female employees; Ensure zero discrimination incidents annually.	Achieved
	Health and safety	Achieve 100% coverage of employee safety training and health checkups each year.	Achieved
	Food safety	Ensure visibility, controllability, and traceability across the entire industry chain, with zero food safety incidents annually.	Achieved
	Supply chain management	Achieve a 100% annual signing rate of <i>The Integrity and Anti-Corruption Agreement</i> among suppliers.	Achieved
		Ensure a 100% contract fulfillment rate for all supplier procurement agreements.	In progress: The fulfillment rate of supplier procurement agreements was 98.4%.
Achieve a 100% coverage rate for annual supplier training programs.		In progress: The coverage rate of supplier training was 97%.	

Due diligence and stakeholder engagement

Due diligence

The Company has established and refined a robust ESG due diligence mechanism, regarding it as a cornerstone initiative for systematically identifying ESG risks and mitigating potential adverse impacts across its management and business operations. Spearheaded by the ESG Office and supported by the Legal Department, Audit Department, and relevant operational departments, this initiative encompasses key stages such as project investment, farm construction, supply chain management, and daily operations etc. We conduct comprehensive due diligence specifically on proposed new or expanded farm projects, core supply chain partners, and relevant business collaborators. By fully identifying and precisely uncovering risks related to environmental compliance, occupational health, and animal welfare during upfront stages-such as project initiation and partner onboarding-this process provides a robust foundation for the Company's ESG materiality assessment, risk mitigation and strategic decision-making.

Aspect: Governance			
Topic	Primary impact	Main risk	Primary opportunity
Due diligence	1. Through comprehensive ESG due diligence, the Company proactively identifies and mitigates material risks-including biosecurity threats, environmental non-compliance, and integrity breaches-thereby ensuring operational compliance and safeguarding assets. 2. We embed rigorous governance standards throughout all business operations and extend them to our partners, establishing a closed-loop management system to elevate the Company's overall governance framework.	Inadequate compliance due diligence on partners may expose the Company to vicarious liability for environmental or food safety incidents, potentially resulting in fines, compensation claims, and order cancellations.	By conducting in-depth ESG fundamental analysis on investment targets and supply chain partners, we can more accurately assess their long-term operational resilience and sustainability. This enables us to allocate capital to assets with higherquality lower-risks, thereby enhancing long-term returns of our overall investment.
Stakeholder engagement	1. By establishing diversified communication channels, we precisely identify the concerns of employees, customers, and government bodies, ensuring our decision-making is both inclusive and scientifically grounded. 2. Through transparent and consistent information disclosure, we strengthen confidence in the Company's business resilience among capital markets and society, thereby reducing communication costs.	Failure in stakeholder communication may trigger a trust crisis, leading to stock price depreciation, financing freezes, project obstructions, order cancellations, and pressure on revenue and cash flow.	Establishing a dialogue platform with multiple parties enables the Company to anticipate policy and market trends, capture opportunities for collaborative innovation, and seize the initiative in the industry transformation.

Aspect: Governance			
Topic	Primary impact	Main risk	Primary opportunity
Anti-commercial bribery and anti-corruption	The Company enforces strict anti-corruption measures by extending integrity management throughout the supply chain to uphold a fair and competitive industry ecosystem.	1. Major bribery or embezzlement cases can result in substantial fines, disgorgement of illicit gains, criminal penalties, and asset forfeiture, leading to immediate financial losses. 2. Corruption scandals tarnish the Company's governance reputation and raise internal control concerns, triggering ESG rating downgrades. This escalates financing difficulties and costs, exerting a sustained impact on market capitalization.	1. Strengthening anti-fraud and audit systems prevents asset misappropriation and inefficient capital deployment, safeguarding shareholders' rights and interests and ensuring authentic, sustainable returns on capital. 2. Rigorous anti-bribery and anti-corruption systems can eliminate off-book expenditures, reduce operating costs and optimizes resource allocation. 3. Cultivating a fair, transparent, integrity-driven, and open internal work environment can safeguard the rights of all employees to equal development and impartial evaluations.
Anti-unfair competition	1. Uphold strict boundaries of business ethics by rejecting monopolistic and unfair practices, thereby safeguarding the legitimate rights of both partners and peers. 2. Cultivate a strong market reputation through fair competition, so as to ensure transparent operations and minimize legal and compliance risks.	If found liable for monopolistic practices, abuse of market position, or commercial defamation, the Company will be faced with anti-monopoly fines and civil compensation, resulting in a direct outflow of financial resources.	Establishing a benign competitive-cooperative relationship enables the Company to attract high-quality partners, optimize industrial chain efficiency, share the costs of innovation and risk, and build a resilient industrial ecosystem to ensure business stability.

Aspect: Environmental			
Topic	Primary impact	Main risk	Primary opportunity
Responding to climate change	1. By developing low-soy feed formulations and promoting biogas power generation and distributed photovoltaic systems, we directly reduce GHG emissions, contributing to the achievement of national carbon neutrality goals. 2. Deploy low-carbon aquaculture solutions to catalyze collaborative decarbonization across the upstream and downstream supply chain, thereby bolstering climate resilience throughout the entire value chain.	1. Physical risks such as extreme weather events caused by climate change may disrupt production, supply chains, and disease control, consequently leading to operational interruptions, asset losses, increased costs, decreased revenues, and adverse impacts on financial performance. 2. The low-carbon transition faces financial pressures due to technological uncertainties: R&D activities entail substantial investments and long development cycles, coupled with significant uncertainty regarding outcomes. Technological iterations may accelerate asset depreciation and necessitate continuous upgrades; Delayed transition will increase short-term capital expenditures, affecting financial stability.	1. Initiatives such as crop-livestock integration and low-soy feed formulations reduce carbon emissions at the source. These practices cultivate a green brand identity, enable the company to command market premiums and recognition, unlock new growth avenues, and ultimately translate environmental advantages into competitive strengths. 2. Advancing renewable energy and circular economy initiatives delivers direct emission reductions and accelerates carbon targets, while driving cost efficiency and operational resilience. This creates a synergy between climate action and business competitiveness. 3. Superior environmental performance can become a financing advantage, elevating ESG ratings, reducing financing costs, and providing priority access to green financing channels, thereby converting environmental leadership into financial competitiveness.
Pollutant and waste management	1. Develop an innovative manure management system that transforms livestock waste into biomass energy and organic fertilizers, effectively achieving waste valorization. 2. Upgrade odor control and disinfection systems to substantially curb emissions of pollutants like ammonia, thereby significantly enhancing air quality within the facility and in surrounding communities.	1. Inadequate emissions management exposes the Company to administrative sanctions and even criminal liability, undermining profitability. Furthermore, it inflicts environmental harm and tarnishes corporate reputation, inevitably sparking a reputational crisis. 2. Higher waste treatment standards necessitates equipment upgrades or retrofits, leading to increased capital expenditure.	The multi-path utilization of manure for energy generation, organic fertilizer production, and cultivation substrates enables the commercial sale of these products, creating diversified revenue streams.
Ecological and biodiversity conservation	1. Implementing crop-livestock integration to boost soil fertility and organic matter content, thereby advancing the sustainable stewardship of land resources. 2. Optimize site selection and project life cycle management to reduce disturbances to the native ecosystem by production facilities and protect local wildlife habitats.	Ecosystem degradation exacerbates physical risks, increases the probability of droughts, floods, and disease transmission, thereby raising breeding costs.	1. Protecting surrounding ecosystems helps conserve water sources, improve microclimates, enhance biosecurity, and reduce the risk of disease transmission. 2. Addressing downstream demands for supply chain transparency and environmental performance strengthens customer partnerships, secures order stability, and expands market share in high-value-added segments.

Aspect: Environmental			
Topic	Primary impact	Main risk	Primary opportunity
Environmental compliance management	1. Establish a robust environmental management system to ensure strict compliance with environmental regulations in production and operational activities, thus minimizing impacts on surrounding ecosystems due to violations. 2. Achieve optimal production energy efficiency through digitalized monitoring, reducing energy consumption and associated environmental burdens.	1. Environmental violations may result in penalties such as fines, production suspension, and license revocation; 2. Inadequate emergency mechanisms can easily trigger public backlash and penalties, consequently causing financial losses.	Strengthening environmental compliance, implementing pollution prevention measures, and executing energy-saving retrofits can unlock policy incentives, including subsidies and tax holidays, thereby minimizing remediation expenses.
Utilization of energy	1. Apply energy-saving technologies such as biogas and distributed photovoltaics to reduce dependence on fossil fuels, thus significantly decreasing the carbon footprint in production and operations. 2. Reduce waste through digitalized energy efficiency monitoring, directly converting energy cost savings into operational competitiveness.	Low energy efficiency drives up unit energy consumption and operating costs. This may necessitate large-scale equipment upgrades in the future, resulting in increased capital expenditures.	In response to the "Dual Carbon" goals, promoting green energy and the "Pig Farming + Power Generation" model can reduce electricity costs and generate additional profits.
Water stewardship	1. The deployment of water-efficient equipment and precision watering systems substantially reduces water consumption in swine farming, effectively mitigating stress on local water resources. 2. By strictly adhering to zero-discharge standards and maintaining recycling systems, we eliminate the risk of livestock effluent contaminating public water bodies, guaranteeing water safety for neighboring communities.	In high-risk water-stressed regions, low water-use efficiency and the absence of water-saving and recycling technologies lead to significant water waste and expose operations to rising water costs.	Systematic water stewardship can enhance risk resilience, ensure stable aquaculture operations, and prevent production interruptions and losses caused by water shortages or quality issues.
Circular economy	1. Leveraging crop-livestock integration model, we achieve 100% resource recovery of livestock waste, thereby preserving soil fertility and land productivity. 2. Reducing external fertilizer inputs and environmental emissions, we establish an endogenous model for green agricultural growth that empowers virtuous ecological cycles in surrounding areas.	The construction of biogas plants and organic fertilizer facilities requires substantial upfront investment. Continuous operation and maintenance also entail long-term operating expenses.	The "Crop-Livestock Integration" model allows the resource utilization of manure, contributing to agricultural carbon emission reduction. This enhances operational efficiency and strengthens the Company's green brand image.

Aspect: Social			
Topic	Primary impact	Main risk	Primary opportunity
Rural revitalization	- Empower farmers' income growth through models like crop-livestock integration and industrial interconnectivity, driving agricultural modernization and resource circularity. - Create local employment opportunities, attract talent backflow, and stimulate economic vitality in rural areas.	Failure to secure the social license to operate from local communities may trigger complaints, disputes, or public protests, leading to operational halts, significant compensation liabilities, and severe reputational damage.	- Integrating local crop production with the valorization of livestock manure creates a synergistic ecosystem. This approach lowers manure management costs, generates revenue from organic fertilizers, secures stable feed supplies, bolsters supply chain resilience, and minimizes the carbon footprint. - Integrating corporate strategy with national rural revitalization initiatives cultivates a responsible corporate image, fostering consumer loyalty and government confidence. This alignment commands brand premiums and facilitates preferential access to regulatory approvals, subsidies, and green financing.
Social contribution	- Participate in public welfare initiatives like educational assistance to alleviate resource inequality and demonstrate corporate responsibility. - Share Muyuan's solutions and R&D achievements to facilitate industry-wide high-quality transformation.	- Without proper planning and evaluation, social initiatives risk leading to irrational resource allocation, diverting funds from core business operations and shareholder returns, which can provoke investor concerns. - Poorly executed or scandal-plagued public welfare initiatives can spark public backlash, invite regulatory scrutiny, and fuel accusations of 'greenwashing'-ultimately damaging corporate reputation and driving up compliance costs.	- Aligning social contributions with business footprints and strategic priorities can enhance the operating environment, and foster sustained community support. - Well-designed social contribution initiatives can cultivate a responsible brand image, foster emotional resonance and preference among consumers, and ultimately support premium pricing and market share growth.
Innovation-driven development	- Continuous investment in core technologies such as breeding and intelligent systems reduces internal production costs while delivering green, high-quality Muyuan solutions to the industry. - Continuous technological advancement attracts and nurtures interdisciplinary high-caliber talent, elevating both the technological sophistication and social perception of traditional pig farming.	R&D investments may yield low returns due to inappropriate technology roadmaps, extended development cycles, or challenges in commercialization. This could erode profits and undermine investor confidence.	Breakthroughs in core technologies can reduce critical production costs, establishing a "cost moat" that enhances profit resilience and competitive advantage. Innovations in breeding and health management enable the production of high-value-added products. This captures brand premium, optimizes the revenue mix, and boosts profit margins.

Aspect: Social			
Topic	Primary impact	Main risk	Primary opportunity
Animal welfare	- Provide pigs with healthy and comfortable growth environments to produce high-quality meat from high-quality pigs. - Advance humane management practices to minimize animal stress not only elevates standards of scientific and ethical stewardship but also delivers concurrent gains in product quality and operational efficiency.	Highly automated and enclosed farming models may trigger brand reputation crises if mistaken as "inhumane," subsequently impacting product pricing and sales volume while damaging operating revenue.	Proactively spearheading the development of-and publicly committing to-animal welfare standards that exceed industry benchmarks not only positions the Company as a responsible enterprise but also enhances product quality and safety, thereby facilitating access to government research grants, preferential green financing, and entry into premium markets.
Supply chain management	- Extend ESG principles to upstream partners to drive synchronized improvement in ESG governance. - Enhance the supply chain's overall risk resilience against market volatility through technological empowerment.	- Shortages or runaway prices of key feed ingredients can severely pressure costs, erode margins, and even force production capacity into idleness. - A breakdown in logistics networks may result in delivery failures, live hog losses, and sharply higher emergency response costs. - Inadequate support for small-to-medium suppliers may compel them to compromise quality and safety standards, and increasing production and compliance costs.	- Strategic investments or partnerships with key suppliers can strengthen supply stability and price control, smooth out cycles, and safeguard cost competitiveness. - Building a sustainable supply chain system enables access to green financing support and positions the Company as a preferred partner for major brands and international markets. - Ensuring equitable treatment of small and medium-sized enterprises, mitigating overreliance on any single supplier, and fostering competitive procurement practices can lower sourcing costs, enhance supply security, and reduce the risk of production disruptions.
Product and service safety and quality	- Through end-to-end quality assurance, high-standard meat products are delivered, thus safeguarding food safety on consumers' tables. - Innovative antibiotic-reduction strategies effectively mitigate antimicrobial resistance risks, thus protecting both public health and ecological integrity.	- Food safety or biosafety incidents may lead to product recalls, culling, fines, and compensation, resulting in direct losses. - Quality or safety incidents can severely damage brand image, triggering customer attrition, erosion of market share and pricing power, and ultimately undermining sales and profitability.	- Establishing traceability systems and obtaining quality certifications helps build safe and premium brands, enabling pricing advantages and improved profit margins. - Meeting certification requirements from international and premium customers-covering quality, animal welfare, and sustainable production-enables access to high-value channels, secures stable order flows, and supports a more resilient and diversified customer portfolio.

Aspect: Social			
Topic	Primary impact	Main risk	Primary opportunity
Data security and customer privacy protection	1. Robust digital and intelligent security safeguards rigorously protect trade secrets and stakeholder privacy, mitigating data compliance risks. 2. Establishing clear cybersecurity and information security standards during digital transformation helps ensure data integrity and operational stability across the industry's transition journey.	1. Heavy reliance on intelligent systems exposes operations to disruptions from technical failures, security vulnerabilities, or cyberattacks-potentially resulting in production shutdowns, regulatory penalties, and significant financial losses. 2. Breaches involving sensitive data or trade secrets can lead to regulatory fines, civil claims, and litigation, directly eroding profitability.	Livestock farming data can become core assets, optimizing operations and creating new profit growth points.
Employees	1. Empowering employee growth through institutional mechanisms to achieve mutual benefits for individuals and enterprises. 2. Improving welfare safeguards and equitable promotion systems to enhance employees' sense of gain and promote employment stability.	1. Non-compliance in employment, compensation, occupational health, and safety may easily lead to labor arbitration, litigation, administrative penalties, and compensation. 2. Unfair performance-based compensation, unattractive benefits, and an unhealthy workplace environment can lead to the loss of core talent and a decline in production efficiency. 3. Severe workplace injuries, occupational illnesses, or labor disputes can disrupt operations, destabilize teams, and significantly damage corporate reputation.	1. Viewing compensation, benefits, and health-related investments as strategic priorities enhances employee capabilities, well-being, and engagement, thereby driving higher per capita productivity and greater innovation output. 2. Establishing industry benchmarks in employee rights, welfare, and safety can meet sustainable development requirements and secure long-term trust from investors, customers, and society.

Stakeholder engagement

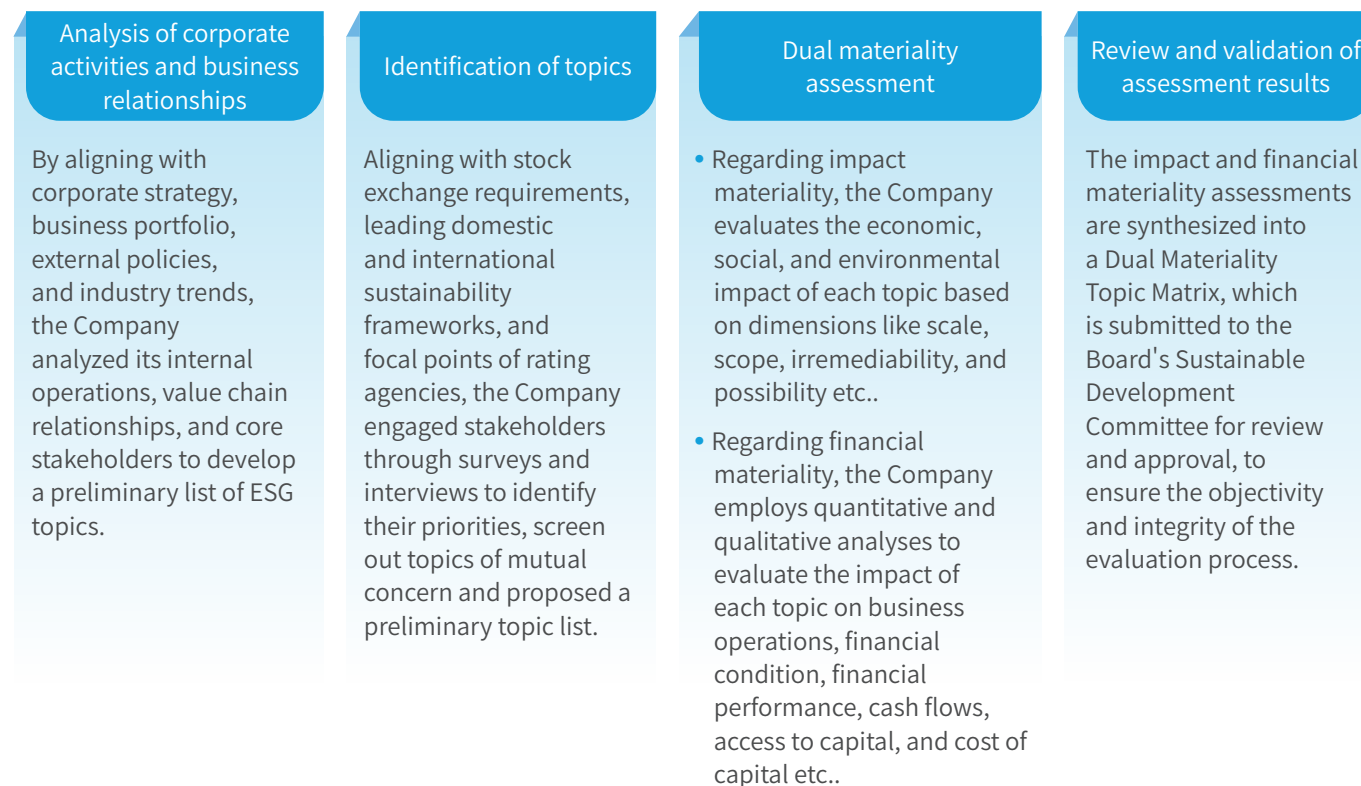
Muyuan places great emphasis on stakeholder engagement, having developed and implemented its Stakeholder Engagement Guidelines. The Company has established regularized communication mechanisms for groups like government and regulatory bodies, shareholders and investors, consumers, employees, suppliers, local communities, and the general public. By proactively identifying and responding to the concerns and expectations of each group, Muyuan integrates the insights into strategic decision-making to optimize the management of ESG impacts, risks, and opportunities, thereby continuously advancing its ESG governance level and practice effectiveness.

Stakeholder	Issues of focus	Communication channels and methods	Our response	Communication frequency
 Government and regulatory bodies	- Legal and regulatory compliance - Environmental protection - Food safety - Rural revitalization and local economic development	- On-site research and exchanges - Work discussions and specialized meetings - Daily communication and reporting - Project licensing and regulatory oversight, compliance evaluation and performance review	- Law-based and compliant operations - Transparent environmental operations - Whole-chain food safety management system - Industrial driving effect	Regular/ad hoc
 Shareholders and investors	- Return on investment - Steady operations - Corporate governance	- Shareholders' Meetings, investor researches - Earnings briefings - Corporate annual reports and announcements, investor roadshows - Specialized Securities Affairs Section "Interactive Easy" platform - WeChat official account	- Stable dividend distribution - Information transparency - Strengthen risk management	Regular/ad hoc
 Consumer	- Food safety and quality - Consumer rights protection	- Telephone follow-ups, market research - Official website service center - Corporate WeChat official account, Email - Complaint hotline	- Zero tolerance for food safety issues - Responsible marketing - Customer satisfaction survey and analysis	Regular/ad hoc
 Employees	- Employee rights protection - Employee career development - Occupational health and safety	- Workers' Congress - Staff training - Muyuan Voice, Internal Channel for Employee Feedback and Concerns - Complaint hotline	- Equal pay for equal work - Competitive compensation and welfare - Employee training and career advancement - Work safety and employee physical examinations	Regular/ad hoc
 Supplier	- Business ethics - Sustainable supply chain	- Integrity and Compliance Conferences, Bidding Meetings - Business negotiations, daily communications - Partner training, on-site audits - Procurement platform	- Supplier compliance management - Responsible procurement - Supplier empowerment and financial support	Regular/ad hoc
 Community and public	- Community co-building - Common prosperity - Ecological governance	- Field visits - Community public welfare activities - Environmental Open Day - Complaint hotline	- Public welfare donation - Linking with and empowering farmers - Environmental Complaints and Rectification	Ad hoc



ESG Materiality Assessment

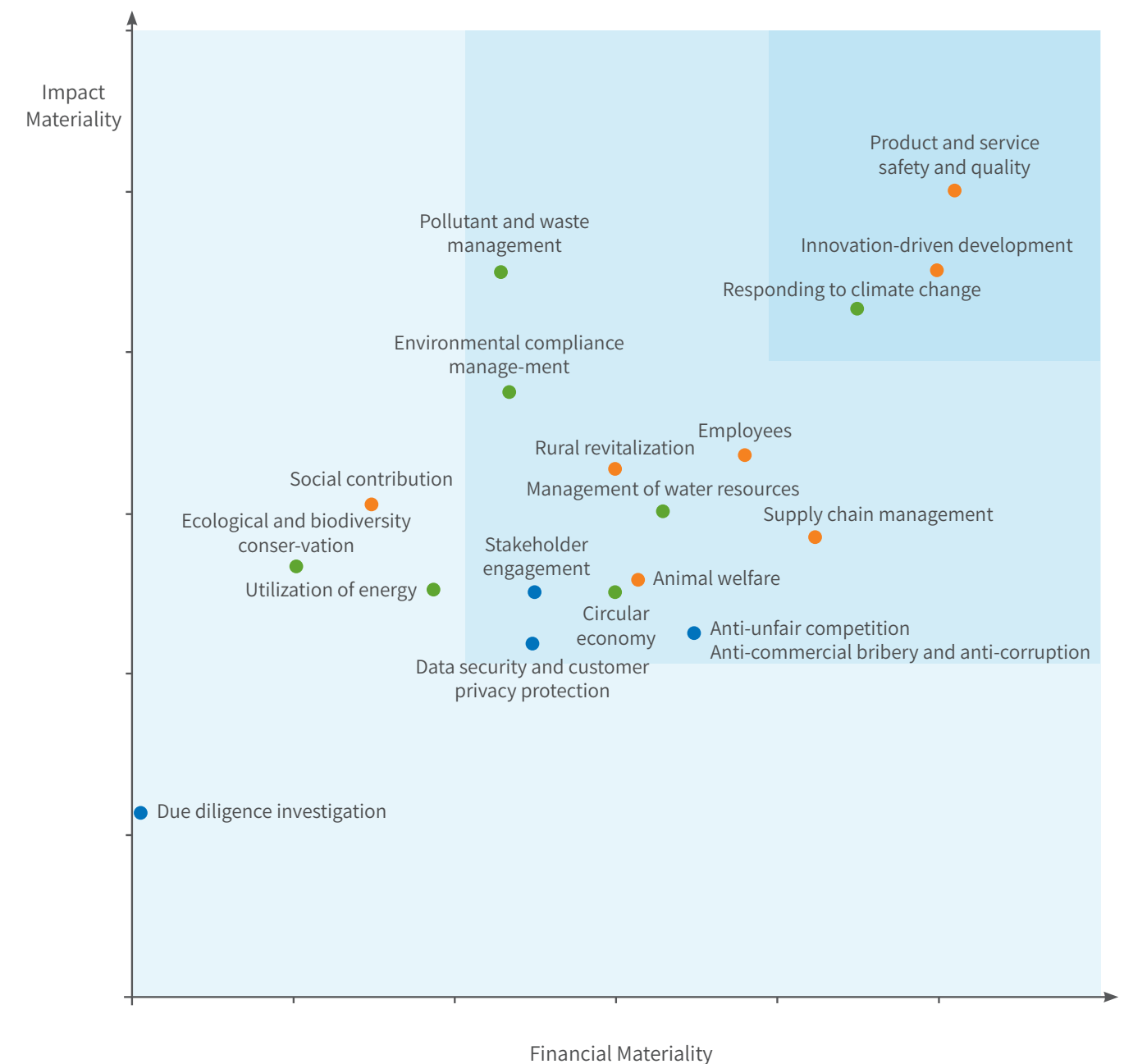
Muyuan strictly adheres to relevant Chinese regulatory requirements for sustainable development information disclosure. Drawing on leading international disclosure standards and methodologies, the Company conducts a dual materiality assessment. In 2025, building on prior materiality assessments, the Company analyzed the financial impacts of each topic on its business model, operations, and strategic planning. By integrating stakeholder perspectives, we identified key topics exhibiting both financial materiality and impact materiality, implemented targeted management and actions, and provided focused responses throughout this report.



Muyuan Foods Co., Ltd. 2025 ESG Issues List

1	Responding to climate change	8	Rural revitalization	15	Employees
2	Pollutant and waste management	9	Social contribution	16	Due diligence investigation
3	Ecological and biodiversity conservation	10	Innovation-driven development	17	Stakeholder engagement
4	Environmental compliance management	11	Animal welfare	18	Anti-commercial bribery and anti-corruption
5	Utilization of energy	12	Supply chain management	19	Anti-unfair competition
6	Water stewardship	13	Product and service safety and quality		
7	Circular economy	14	Data security and customer privacy protection		

Through a dual analysis of impact materiality and financial materiality, the Company has identified 19 ESG topics, of which 4 were deemed impact material and 4 were classified as financially material. Among which, financial materiality topics will be disclosed in accordance with the "Governance – Strategy – Impact, Risk and Opportunity Management – Metrics and Targets" framework set forth in the *Self-Regulatory Supervision Guidelines for Listed Companies No. 17 - Sustainability Report (Trial)* by Shenzhen Stock Exchange.



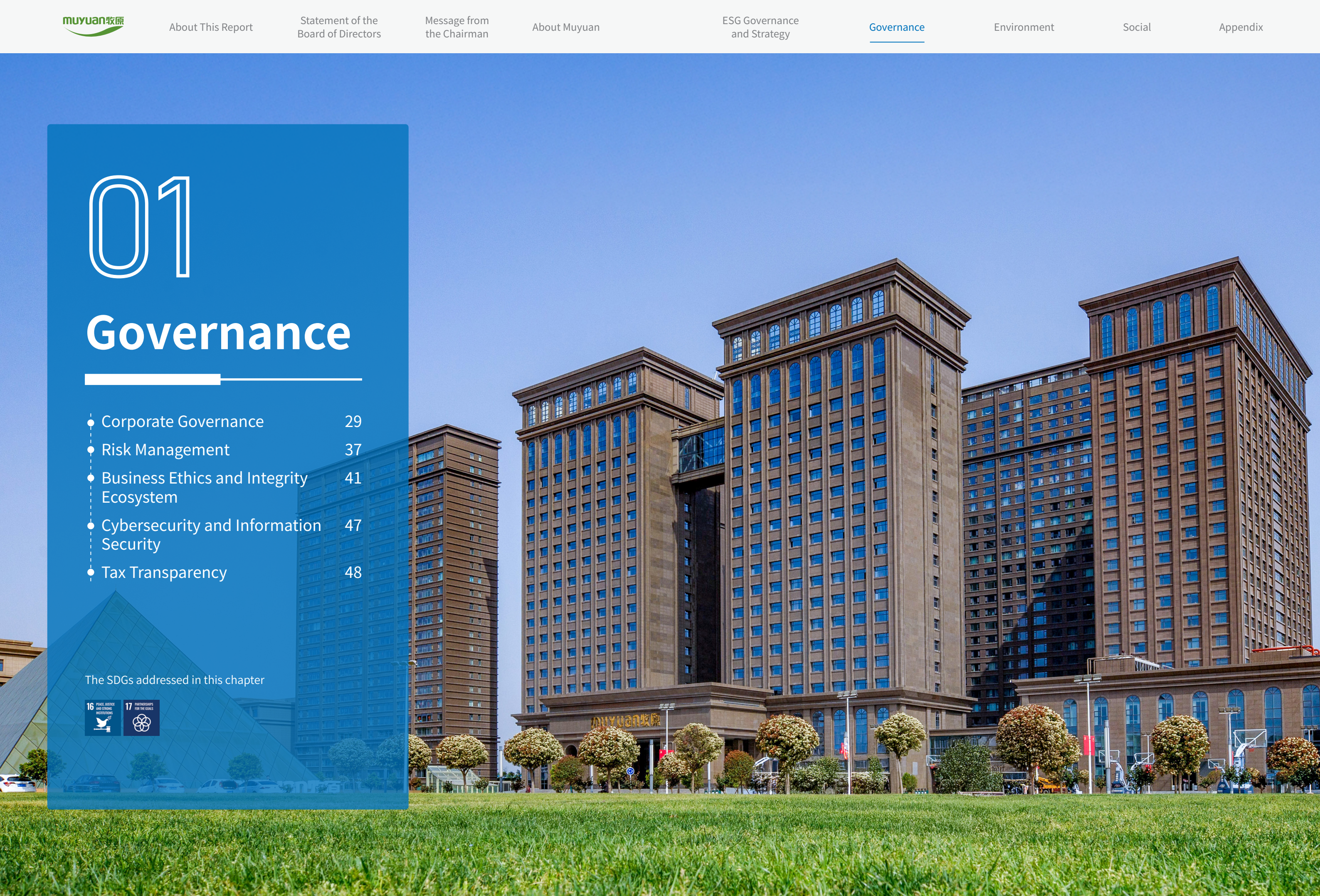
2025 Materiality Matrix

01

Governance

- Corporate Governance 29
- Risk Management 37
- Business Ethics and Integrity Ecosystem 41
- Cybersecurity and Information Security 47
- Tax Transparency 48

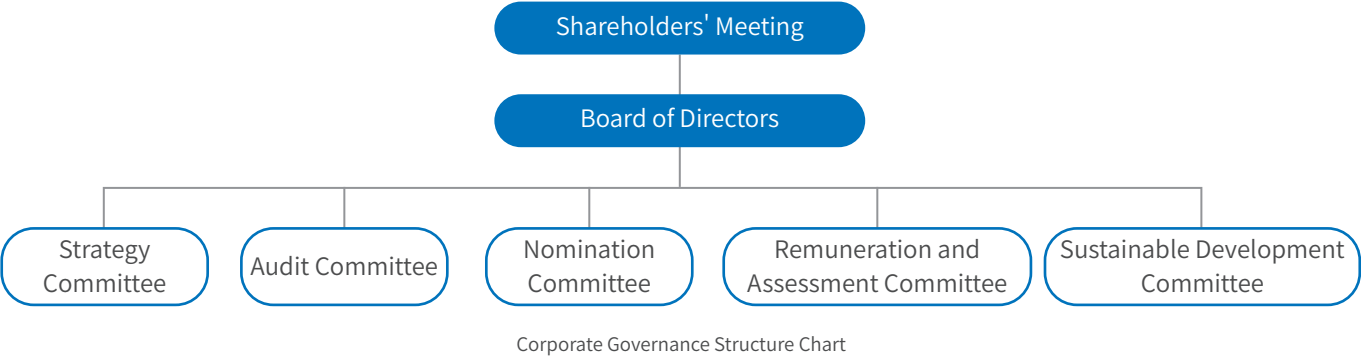
The SDGs addressed in this chapter



Corporate Governance

Sound corporate governance serves as the fundamental guarantee for the stable operation of an enterprise and is also an intrinsic requirement for achieving sustainable development. Muyuan strictly complies with the requirements of relevant laws, regulations, and normative documents, including the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, the *Shenzhen Stock Exchange Listing Rules*, and the *Shenzhen Stock Exchange Self-Regulatory Guidelines for Listed Companies*, and has established a clear, tiered, and top-down corporate governance structure with well-defined roles and responsibilities.

Additionally, the Company continuously optimizes its governance structure in line with regulatory amendments and its own development, thereby enhancing corporate governance standards and promoting high-quality, sustainable development. In 2025, in accordance with the *Company Law of the People's Republic of China*, the *Guidelines for Articles of Association of Listed Companies*, the *Code of Corporate Governance for Listed Companies*, and other relevant laws, regulations, and normative documents, the Company adjusted its governance structure, with the Board's Audit Committee assuming the functions and powers of the Board of Supervisors as stipulated by the *Company Law*.



Shareholders' Meeting

Muyuan clearly defines the rights and responsibilities of the Shareholders' Meeting, formulates its Rules of Procedure, and continuously revises them to ensure their implementation. The Company engages securities-licensed lawyers to attend and witness the Shareholders' Meetings. It provides online voting channels to ensure that all shareholders, especially minority shareholders, can enjoy equal legal status and fully exercise their rights. In addition, it facilitates the participation of all investors in the Shareholders' Meetings.

In 2025, Muyuan held 3 Shareholders' Meetings. The meeting procedures were fully compliant with applicable laws and regulations, with more than 4,800 participations recorded from minority shareholders—both onsite and online. All proposed resolutions were duly approved by vote.

Held
3 Shareholders' Meetings

With more than
4,800 participations recorded from minority shareholders—both onsite and online

During the reporting period, the Company strictly implemented the provisions of its *Articles of Association* and relevant laws, implementing the cumulative voting system and separate vote counting for minority investors to effectively protect the rights and interests of minority shareholders. Shareholders and their proxies exercise voting rights based on the number of shares held, with each share entitling the holder to one vote.



Shareholders' Meeting

Board of Supervisors

On December 25, 2025, Muyuan convened its second extraordinary Shareholders' Meeting of 2025 to consider and approve amendments to the *Articles of Association*, under which the functions and powers of the Board of Supervisors were transferred to the Audit Committee of the Board of Directors.

Throughout 2025, the Board of Supervisors continued to fulfill its relevant duties for the year. In 2025, Muyuan's Board of Supervisors consisted of 3 members: 1 Chairperson of the Board of Supervisors, 1 Supervisor, and 1 Employee Representative Supervisor. Among them, there was 1 female supervisor, accounting for 33% of all supervisors.

During the reporting period, the Company held 8 meetings of the Board of Supervisors, deliberated on 38 resolutions, and approved all of them, with a 100% attendance rate by all supervisors.

Held
8 meetings of the Board of Supervisors

Deliberated on
38 resolutions

With a
100% attendance rate by all supervisors

The procedures for convening and holding meetings of the Board of Supervisors, as well as the notification timelines, complied with the relevant provisions of the Company's *Articles of Association*. In their daily duties, the Company's supervisors diligently fulfilled their responsibilities by effectively overseeing the Company's financial affairs and ensuring the legality and compliance of the conduct of directors and senior executives. They attended Shareholders' Meetings and observed meetings of Board of Directors as non-voting participants, providing independent review opinions on major corporate matters-including financial condition, profit distribution, and internal controls. All these efforts were aimed at actively safeguarding the legitimate rights and interests of the Company and all its shareholders.

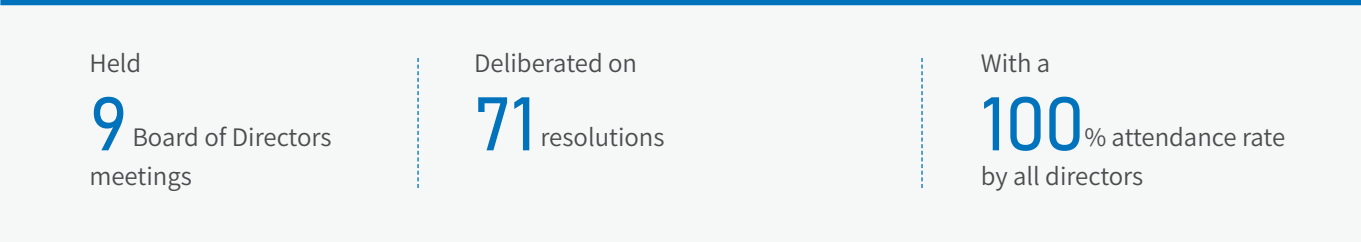
Board of Directors

Muyuan strictly complies with the requirements of relevant laws, regulations, and normative documents, continuously optimizing and improving its corporate governance system and operational mechanisms. In selecting Board members, the Company takes a comprehensive approach, considering factors such as professional competence, qualifications, relevant industry experience, independence, and overall fitness for office.

Performance by the Board of Directors

In 2025, in line with the Company's actual situation, Muyuan adjusted its Board of Directors from 7 to 8 members to further advance corporate governance compliance. The composition of the Board members complied with the requirements of relevant laws, regulations, and the Company's *Articles of Association*. The Board also comprises 1 Chairman and 1 Vice Chairman, who are responsible for overseeing the formulation and implementation of the Company's strategy and are accountable to the Shareholders' Meeting.

In 2025, Muyuan held 9 Board of Directors meetings—conducted through a combination of in-person and remote participation—deliberated on 71 resolutions, and approved all unanimously, with a 100% director attendance rate.



The Board has established 5 specialized committees—the Strategy Committee, Audit Committee, Nomination Committee, Remuneration and Assessment Committee, and Sustainable Development Committee. These committees provide expert, evidence-based advice to support the Board's decision-making and oversee the Company's risk management and internal control systems. In the Audit Committee, Nomination Committee, and Remuneration and Assessment Committee, independent directors hold a majority of seats and serve as chairs, in compliance the *Administrative Measures for Independent Directors of Listed Companies* among other applicable regulations.

In 2025, Muyuan held a total of 16 meetings of its specialized committees: 2 Strategic Committee meetings, 8 Audit Committee meetings, 3 Nomination Committee meetings, 2 Remuneration and Assessment Committee meetings, and 1 Sustainable Development Committee meeting. All members of the specialized committees attended every meeting, and all resolutions were unanimously approved.



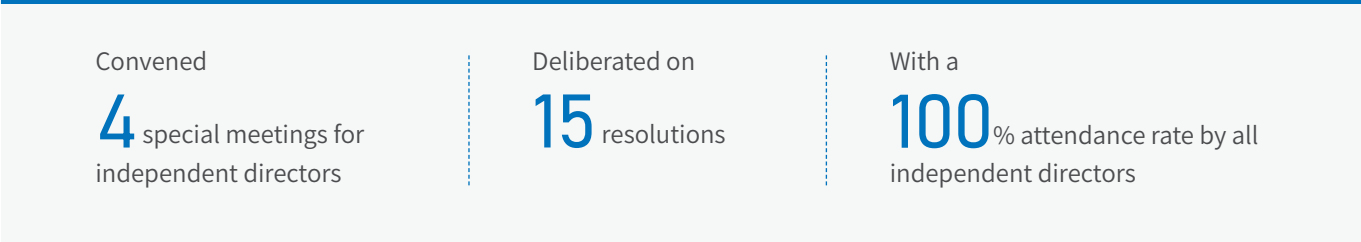
Committee	Committee members	Committee independence (Proportion of Independent Directors %)	Meeting attendance rate (%)
Strategic Committee	Qin Yinglin, Zhou Mingsheng, Yang Ruihua	33	100
Audit Committee	Zhou Mingsheng, Yan Lei, Qian Ying	67	100
Nomination Committee	Feng Genfu, Qian Ying, Yan Lei	67	100
Remuneration and Assessment Committee	Yan Lei, Cao Zhinian, Feng Genfu	67	100
Sustainable Development Committee	Qin Yinglin, Feng Genfu, Zhou Mingsheng	67	100

Independence of the Board of Directors

Muyuan strictly adheres to the prescribed election procedures and eligibility criteria for independent directors, as stipulated by applicable laws, regulations, regulatory guidelines, and the Company's internal policies. This ensures that appointed independent directors possess the required independence and are able to perform their duties impartially in all respects, including participation in Board decision-making, oversight of material matters, and enhancing corporate performance, without being subject to undue influence.

As of the end of 2025, the Company's Board of Directors consisted of 8 members, including 3 Independent Directors, accounting for more than one-third of the total board membership. This composition complies with the relevant stipulations on the proportion of independent directors as set forth in applicable laws and regulations, thereby ensuring that the Board is capable of exercising effective independent judgment and making well-founded decisions when reviewing and handling material matters.

Muyuan has established its *Independent Director Policy* and continuously revises it in accordance with the latest laws and regulations, requiring independent directors to diligently perform their duties in compliance with the relevant policies. In 2025, Muyuan convened 4 special meetings for independent directors, deliberating 15 resolutions, all of which were approved with a 100% attendance rate among all independent directors.

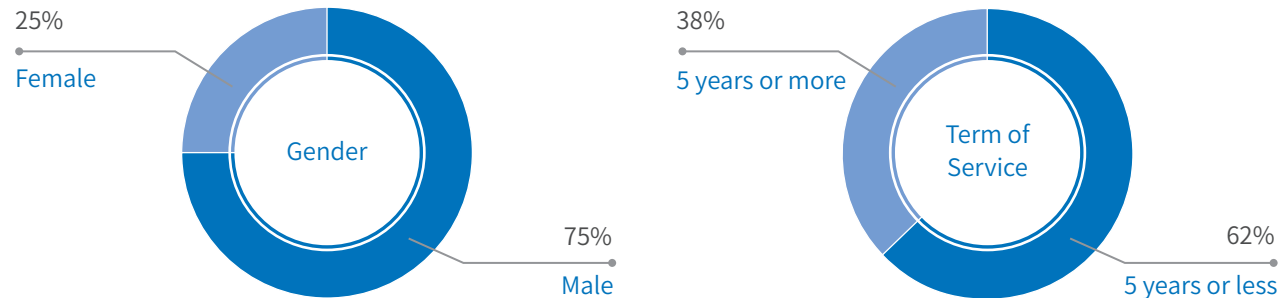


Diversity of the Board of Directors

The Board of Directors comprises members with diverse profiles in age, gender, and educational background, including experts in livestock farming, management, law, economics, and finance, thereby ensuring the efficient function of the Board.

As of the end of 2025, there are 2 female directors, accounting for 25% of the total Board members.

Name	Gender	Nationality	Position	Initial Appointment Date	Age (year)
Qin Yinglin	Male	China	Chairman	December 2012	61
Qian Ying	Female	China	Director	December 2012	60
Cao Zhinian	Male	China	Vice Chairman	December 2012	49
Yang Ruihua	Female	China	Director	May 2024	49
Yan Lei	Male	China	Independent Director	July 2021	53
Feng Genfu	Male	China	Independent Director	September 2021	69
Zhou Mingsheng	Male	Hong Kong, China	Independent Director	December 2023	53
Su Danglin	Male	China	Director (Employee Representative Director)	December 2025	57



Name	Professional Competency/Industry Experience			
	Risk management	Financial management	Business management	Industrial experience
Qin Yinglin	★	★	★	★
Qian Ying	★		★	★
Cao Zhinian	★	★	★	★
Yang Ruihua	★		★	★
Yan Lei	★		★	
Feng Genfu		★	★	
Zhou Mingsheng	★	★	★	
Su Danglin	★		★	★

Compensation for Director and Senior Executives

Name	Post	Tenure Status	Annual Pre-tax Remuneration (in CNY 10,000)
Qin Yinglin	Chairman, President	Incumbent	415.81
Qian Ying	Director	Incumbent	0.00
Cao Zhinian	Vice Chairman, Executive Vice President, Financial Head	Incumbent	344.15
Yang Ruihua	Director, Vice President	Incumbent	576.90
Su Danglin	Director	Incumbent	150.75
Zhou Mingsheng	Independent Director	Incumbent	15.00
Yan Lei	Independent Director	Incumbent	15.00
Feng Genfu	Independent Director	Incumbent	15.00
Chu Ke	Vice President	Incumbent	308.80
Wang Chunyan	Chief Human Resource Officer (CHO)	Incumbent	454.69
Yuan Hebin	Chief Legal Officer (CLO)	Incumbent	420.71
Qin Jun	Board Secretary, Chief Strategy Officer (CSO)	Incumbent	171.61
Li Yanpeng	Pig Farming Chief Operating Officer	Incumbent	445.54
Xu Shaotao	General Manager of Meat Business	Incumbent	358.54
Niu Min	Chief Veterinary Officer (CVO)	Incumbent	326.21
Li Fuqiang	Supervisor	Quit	18.00
Lu Xiangli	Supervisor	Quit	10.32
Zhang Yuliang	Chief AI Officer (CAIO)	Quit	65.91
Wang Zhiyuan	General Manager of Development & Construction	Quit	90.99

2025

The Company was honored with the "2025 Board Outstanding Practice Award" and "2025 Board Office Best Practice Award" by the China Association for Public Companies.



Protection of Investor Rights and Interests

Information Disclosure Management

Strictly complying with relevant laws, regulations, and its *Articles of Association*, Muyuan establishes and rigorously implements policies, including the *Information Disclosure Management Policy* and the *Policy on Information Disclosure for Debt Financing Instruments in the Interbank Bond Market*. These policies ensure that all information disclosures are truthful, accurate, complete, timely, and fair. The Company designates *Securities Times*, *China Securities Journal*, *Shanghai Securities News*, and *Securities Daily* as its official newspapers for statutory disclosures, and Juchao Information Network (cninfo.com.cn) as its official disclosure website, thereby ensuring equal access to material information for all shareholders.

On the basis of fulfilling mandatory disclosure requirements, the Company attaches great importance to investor expectations by proactively disclosing information related to environmental protection, low-carbon innovation, social responsibility, and corporate governance. This transparent communication highlights Muyuan's sustainability practices and continuously enhances the effectiveness and comprehensiveness of its information disclosures. All announcements are truthful, accurate, complete, and timely, fully conveying relevant company information to investors. (For details, refer to the Company's relevant announcements on cninfo.com.cn).

In 2025, Muyuan published a total of 268 announcements on its designated disclosure platform, including 8 periodic reports, 4 sustainability-related reports, and 256 ad hoc announcements and supplementary filings. These disclosures covered material information concerning H-share offering, significant guarantees, related-party transactions, and internal control matters.

Deepening Investor Communication

Muyuan consistently maintains open communication channels with investors. Through diverse formats and platforms, the Company continuously engages in extensive and in-depth exchanges with investors, helping both individual and institutional investors develop a more comprehensive and in-depth understanding of Muyuan. Key initiatives are detailed below:

- The Company has established official investor contact channels, including a dedicated telephone line, fax number, and email address. These are managed by designated personnel to ensure timely responses during business hours and to provide investors with clear and effective feedback.
- The Company has strengthened the development and maintenance of its digital investor communication channels by launching a dedicated Securities Affairs section on its official website, actively engaging with investors through the Shenzhen Stock Exchange's Easy IR platform to address inquiries, complaints, and suggestions. The Company has also established an Investor Relations WeChat Official Account to promptly publish and update relevant information, thereby deepening communication and interaction with investors.

In 2025, the Company held 2,190 investor engagement activities, including on-site investor visits, investor conference calls, securities firms' strategy conferences, and roadshows. Additionally, the Company actively participated in ESG-related forums, presenting its ESG strategies and achievements to investors on topics such as green and low-carbon initiatives, technological innovation, and biodiversity conservation.

2025 Performance

Received 1,500 calls on the investor hotline	Hosted 35 on-site investor visits	Responded to 298 inquiries on the Easy IR platform	Organized and participated in 214 strategy meetings and roadshows
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Conducted 90 one-on-one investor conference calls	Hosted 6 media briefings or exchange sessions	Prepared 10 research summaries
Hosted 4 press conferences	Posted 33 articles on investor relations on the WeChat official account	

Enhancing Investor Returns

Muyuan remains firmly focused on its core business of swine production, actively communicating its corporate value, and sharing the fruits of its growth with investors, while upholding a commitment to sustainable, high-quality development. Since its initial public offering, the Company has consistently implemented cash dividend distributions in strict accordance with the profit distribution policy stipulated in its *Articles of Association*. In 2025, the Company distributed cash dividends on two occasions, amounting to CNY 8.085 billion in total. Since its listing, Muyuan has cumulatively returned CNY 32.419 billion to shareholders through dividends, share repurchases, and other capital return initiatives, thereby actively rewarding its investors, sharing the fruits of its growth, and reinforcing its commitment to sustainable, high-quality development.

Distributed cash dividends on 2 occasions	Amounting to CNY 8.085 billion in total	Has cumulatively returned CNY 32.419 billion
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Going forward, the Company will continue to strike a dynamic balance between performance growth and shareholder returns by maintaining a long-term, stable, and sustainable multi-channel shareholder return mechanism, thereby sharing the benefits of industry and corporate development with all investors.

Conflicts of Interest and Related-party Transactions

With regard to conflict-of-interest management, Muyuan has formulated and implemented an *Anti-Corruption Policy* that explicitly requires all employees (including directors and senior executives) to avoid situations involving conflicts of interest. The policy prohibits the arbitrary appointment of relatives and strictly forbids engaging spouses, family members, or close relatives as the Company's suppliers, sales customers, or strategic partners.

With regard to the management of related-party transactions, Muyuan has standardized its decision-making procedures in accordance with applicable laws and regulations, the Company's *Articles of Association*, and its *Related-Party Transaction Management Policy*. When reviewing related-party transactions, the Board of Directors adheres to the principles of equality, voluntariness, fairness, impartiality, openness, and transparency, ensuring that the transaction pricing is fair and reasonable, and strictly implements the recusal mechanism for related-party directors and shareholders in voting.

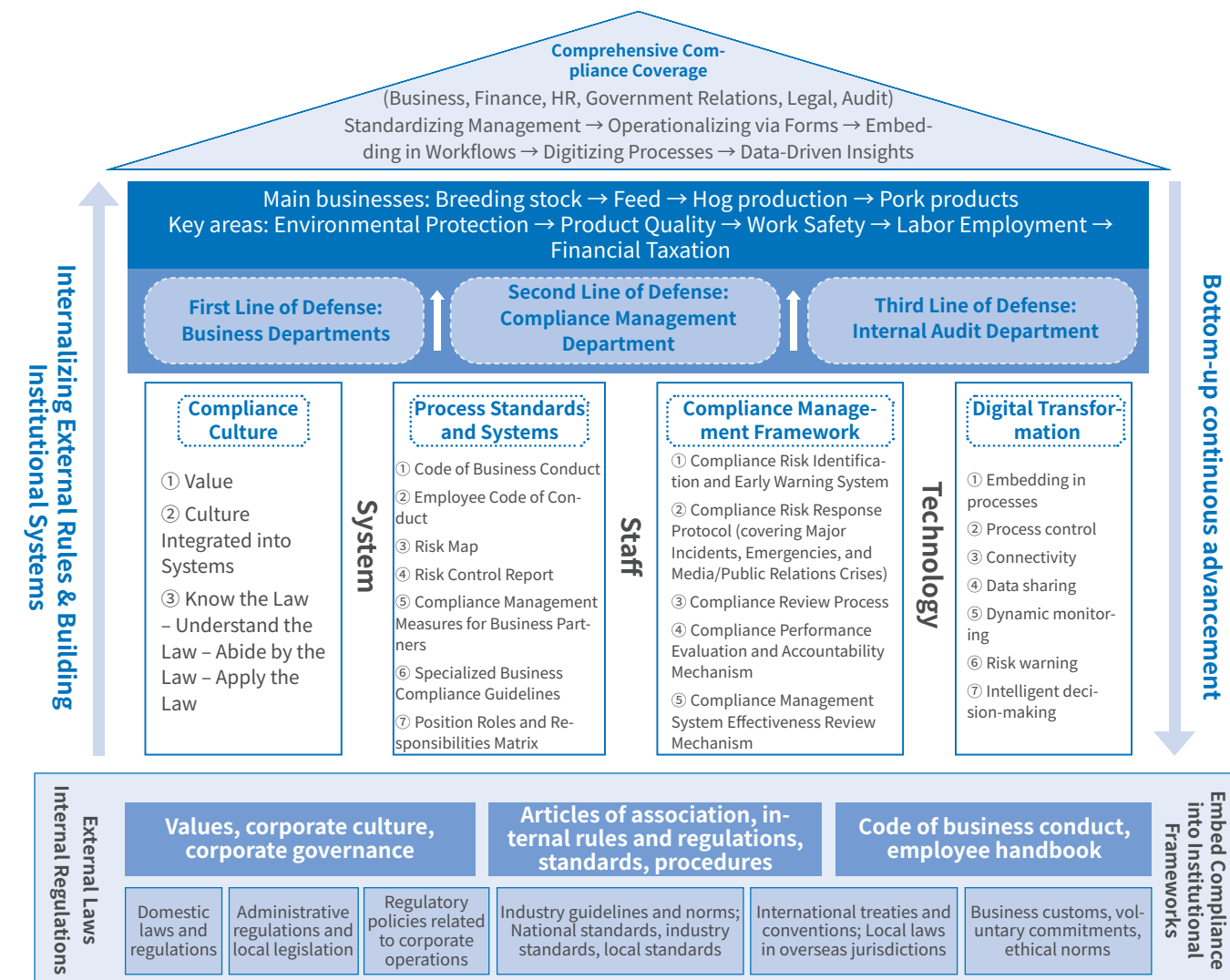
In 2025, all of the Company's related-party transactions underwent the required review and approval procedures in accordance with applicable regulations. Transaction prices were fair and reasonable, and no violations involving conflicts of interest occurred.

Risk Management

In compliance with applicable laws and regulations and tailored to its specific business models, Muyuan has established a robust risk management framework, formulated relevant mechanisms and procedures and built a comprehensive risk management system centered on the "Three Lines of Defense" and implemented through "End-to-End Control". This system aims to achieve a closed-loop process encompassing preventive risk mitigation, process control, and post-event emergency response, thereby ensuring stable operations and sustainable development.

Risk Management Framework

The Company has established a comprehensive, end-to-end risk management framework covering all departments and subsidiaries. By integrating internal self-management, self-control, and self-inspection with external oversight and supervision, the Company has built a robust risk control system. This ensures the solid implementation of risk management responsibilities across all levels, fostering synergy and collective management. The Board of Directors serves as the ultimate decision-making authority for risk management, responsible for formulating risk strategies and periodically assessing the effectiveness of the risk management mechanism. Furthermore, the Company has established an independent audit function and appointed a Chief Legal Officer, embedding risk oversight directly into the top-level decision-making processes. This structure fosters a governance mechanism characterized by clearly defined authorities, responsibilities and synergistic efficiency.



"Three Lines of Defense" in Risk Management

"Three Lines of Defense" in Risk Management

The Company continuously refines and enhances its risk management system, strengthens the collaboration and synergy among business and functional departments, compliance departments, audit and oversight departments, thereby fortifying the "Three Lines of Defense" in risk management.

All business and functional departments: the "first line of defense" in risk management

All business and functional departments are tasked with risk identification and early warning, and with consolidating their primary accountability. They focus on self-initiated early warning, review, reporting, management, assessment, and remediation of risks. These departments routinely participate in risk management training and mandatory competency training for leaders, enhance the closed-loop system for self-managed risks, conduct forward-looking assessments of potential risks across all business processes, identify known risks, anticipate unknown and uncertain risks, promptly address and report major risks, deeply embed risk control and compliance requirements into the entire business process, and prevent risks at their source.

The Compliance Department: the "second line of defense" in risk management

As the coordinator and facilitator of risk management, the Compliance Department continuously upholds the "second line of defense." It is dedicated to establishing robust risk management mechanisms, conducting rigorous risk assessment and monitoring, and establishing a full-cycle risk management system grounded in solid foundations, driven by process governance and control, and strengthened through closed-loop feedback.

- **In the preventive phase**, the Department focuses on compliance infrastructure, refining the fundamental framework, and internalizing external regulations. It fosters a culture of risk awareness and devotes substantial resources to pre-emptive compliance analysis, assisting business departments in establishing their own compliance systems at the front end of operation.
- **In the process phase**, the Department strengthens the prevention and control of major compliance risks, focusing on comprehensive compliance across key business areas and critical links. We ensure that various risk matters are appropriately resolved to safeguard the compliant and smooth operation of our business.
- **In the post-event phase**, the Department efficiently handles legal disputes and enriches the case study database for training. Simultaneously, it conducts post-mortem risk reviews to identify systemic vulnerabilities, closing the loop to refine the management framework. Furthermore, it advances the establishment of overseas compliance defenses to ensure unified risk management across domestic and international markets.

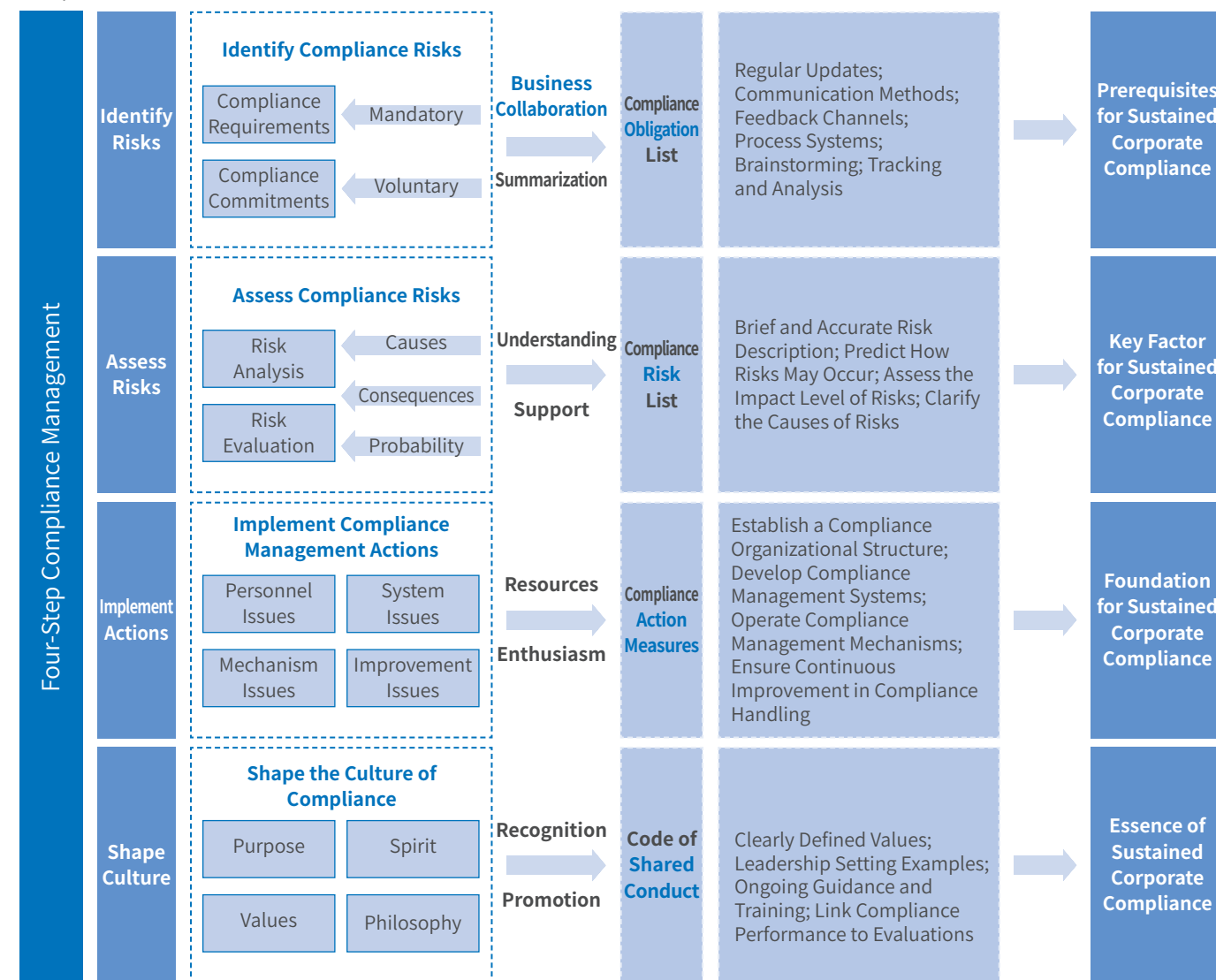
The Audit & Inspection Department: the "third line of defense" in risk management

The Audit & Inspection Department is tasked with the oversight and evaluation of risks as well as implementing internal control rigorously. It has established a comprehensive, authoritative, and efficient audit supervision framework to continuously strengthen the internal control system's functions of supervision and management conduct monitoring. This standardizes the exercise of corporate authority and elevates risk prevention capabilities. Furthermore, the Audit Department refines the whistleblowing and reward mechanism, encouraging reporting from all employees with substantial rewards. This mobilizes the initiative of the entire workforce, integrating all staff into a robust force for audit supervision. This enables effective bottom-up oversight to ensure executives at all levels to diligently fulfill their mandates, thereby driving the continuous optimization of the internal control system.

Risk Management Mechanism and Process

Risk Management Mechanism

The Company has established a top-down compliance operation mechanism and a bottom-up traceability management mechanism. Leveraging processes, standards, and policies as key tools, the Company implements compliance management following a "Four-Step Compliance Construction" approach. It comprehensively identifies and assesses risks, focusing on key business areas and critical links to tackle difficult compliance bottlenecks. By embedding compliance requirements into the entire business chain, the Company achieves the progression of "institutionalizing management, formulating systems, streamlining forms into processes, digitizing processes, and data-driven information." Ultimately, it aims to shape a corporate culture where everyone, everything, and every moment is compliant, ensuring comprehensive corporate compliance.



The Company has established a risk accountability mechanism defined by clear rights and responsibilities, hierarchical accountability, liability for negligence, and exemption for due diligence. It explicitly identifies the responsible entities for risk events and implements a tiered and categorized management approach based on risk severity and business type. The Company links the effectiveness of risk disposal and the implementation of corrective actions to employee performance appraisals and bonus incentives. This ensures that management and job responsibilities are strictly enforced at every level. Meanwhile, the Company grants exemptions from liability—and excludes such cases from accountability assessments—for those who strictly adhere to risk control procedures, proactively report potential hazards, effectively handle risk events, and fully mitigate business risks. Centered on responsibility implementation and effective accountability-driven implementation, the Company aims to build a long-term management framework where all employees fulfill their duties and actively participate in risk prevention.

Specialized Governance in Key Risk Areas

Food Safety

The company continuously monitors changes in national food safety laws, regulations, and supervisory standards. It systematically analyzes potential impacts and risks across the entire value chain, including raw material procurement, feed processing, breeding and production, inspection and testing, hog sales, slaughtering, and market circulation. The Company has established a five-tier food safety risk monitoring and prevention system spanning the Group, business units, regions, districts, and farm lines. Based on HACCP principles; The Company identifies Critical Control Points (CCPs) and utilizes IoT and information platforms to enable systematic monitoring and proactive early warning. By formulating series of policies such as the *Muyuan Food Safety Supervision and Management System*, the Company ensures a closed-loop business process and creates a comprehensive food safety protection network to guarantee superior product safety.

Production Safety

The Company systematically examines safety risks throughout the entire production process. For each risk point identified in every stage, a risk checklist and a risk distribution map are created to visualize risks. Focusing on improving regulations, enabling technology, fostering a safety culture, conducting safety inspections, and strengthening emergency management, the Company has established a systematic safety management system. This system works to eliminate potential safety hazards, continuously enhance employees' safety awareness and competency, and ensure personnel safety, stable production, and orderly operations.

Environmental Protection Operations

The Company continuously strengthens environmental risk control across all processes and innovatively establishes an internal "Four Major Opportunities" supervision mechanism for environmental management. By building a collaborative governance system that combines internal "immediate inspection and rectification with strict governance" and external "reward-based reporting and welcoming of regulatory oversight," the Company creates a closed-loop supervision mechanism featuring participation and risk prevention by the entire workforce. This approach promotes open, transparent, and standardized handling of environmental issues, firmly safeguarding the bottom line of Company's compliant and sustainable environmental development.

Land Management

The Company maintains a close watch on the latest legislative trends and reform priorities in national land administration policies. It systematically conducts research on relevant land policies and carries out compliance analysis, continuously improving the development of its internal land management system. The Company has issued regulations such as the *Land Transfer Management Measures*, the *Six-Party Joint Review System for Land Use Boundaries*, and the *Land Procedure Filing Management Measures*, which establish a compliance review mechanism covering the entire process of land circulation, and define specific requirements for the management of procedural records and archives throughout the land transfer process. This has established an institutional framework covering all stages of land acquisition, use, and supervision, achieving zero risk in land use and effectively mitigating various legal risks associated with corporate land tenure.

Anti-Commercial Bribery and Anti-Corruption

The Company comprehensively strengthens the defense line against integrity risks, resolutely preventing illegal and non-compliant acts such as commercial bribery, corruption, and graft. It adheres to a combined approach of source prevention, process supervision, education and guidance, and disciplinary accountability, building a comprehensive, closed-loop anti-corruption control system.

Risk Management Training

The Company consistently adheres to the working principles of "full coverage, precise optimization, and normalization." Centered on building the "Three Lines of Defense" in risk management, the Company systematically enhances its risk prevention and control system through structured and professional training. This drives the integration of risk awareness into every position, mind, and action, comprehensively strengthening the Company's overall risk prevention capability and compliance management level, thereby safeguarding the enterprise's high-quality and steady development.

Upholding Business Compliance as the Foundation, Strengthening Frontline Risk Prevention

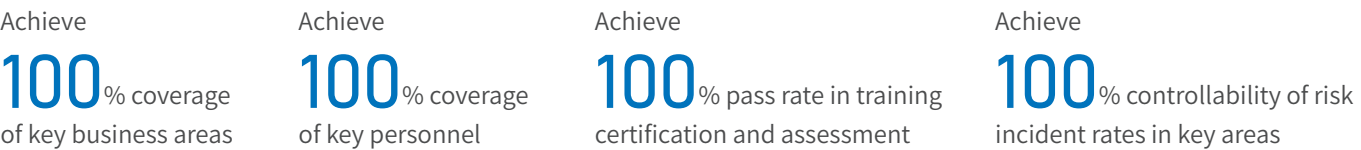
Business compliance is consistently regarded as the fundamental premise and core focus of risk prevention, with clear accountability placed on business departments for frontline control. Each business department takes the lead in mapping out risk profiles across all areas, identifying potential risks throughout business processes, and conducting targeted training on risk identification and compliance empowerment. This enables business personnel to accurately grasp position-specific compliance standards, operational norms, and key risk prevention points, ensuring that risk prevention advances in step with business operations. By cutting off risk transmission at the source, the Company solidifies the baseline for compliance control on the business front.

Focusing on Key Areas, Delivering Targeted Specialized Training

The Company closely aligns with core operational and management processes, concentrating on critical areas and issues for precise intervention. Specialized training initiatives, such as the managerial mompetency building session and mandatory knowledge and skills for the management, are implemented, covering high-frequency risk areas including food safety, production safety, and environmental operations. Training content is accurately tailored to the needs of position-specific responsibilities, directly addressing compliance challenges and risk management difficulties in daily operations. This comprehensively strengthens overall compliance awareness and enhances employees' capabilities in risk prevention and compliance management.

Achieving Full Coverage in Risk Management, Strengthening Closed-loop Management of Training Effectiveness

The Company conducts risk management training on a normalized and regular basis, striving to achieve the following four 100% control objectives. First, achieve 100% coverage of key business areas, eliminating all blind spots in risk prevention; second, achieve 100% coverage of key personnel, ensuring that all employees are empowered without omission; third, achieve 100% pass rate in training certification and assessment, strictly controlling competency entry requirements to ensure that all employees possess risk prevention and emergency response capabilities; fourth, achieve 100% controllability of risk incident rates in key areas, promoting the efficient translation of training outcomes into practical results, and solidly transforming training effectiveness into tangible improvements in risk prevention and control.



Business Ethics and Integrity Ecosystem

Muyuan consistently practices its core values of "Creating Value, Serving Society; Being internally and externally upright, and Advancing Social Progress", embedding business ethics as the cornerstone of its stable operations. It has established and implemented a comprehensive business ethics governance system covering anti-corruption, fair competition, anti-money laundering, and whistleblower protection. Through routine risk assessment and institutional constraints, Muyuan strictly curbs improper benefit transfers and unfair competition, fostering a fair, transparent, and clean ecosystem that underpins its high-quality, sustainable development.

Anti-Commercial Bribery and Anti-Corruption

The Company has established the *Muyuan Basic Law*, defining the business principles of "opposing commercial bribery, rejecting unearned gains, and refusing improper benefits." On this basis, the Company has formulated management systems including the *Muyuan Anti-Corruption Management Regulations*, the *Anti-Corruption Reporting Management Regulations*, the *Employee Code of Conduct*, the *Cultural Development Management and Assessment Regulations*, and the *Related-Party Management Regulations*. An anti-corruption management system has been established to strengthen anti-

corruption efforts, combining punishment with prevention. This forms a supervision and prevention governance framework centered on "deterring, preventing, and eliminating corruption," thereby maintaining a sound business environment.

Anti-Commercial Bribery and Anti-Corruption Management System

The Company has established a multi-tiered anti-commercial bribery and anti-corruption management framework characterized by board leadership, management execution, supervisory checks and balances, and company-wide participation. This framework clearly defines responsibilities at each level, thereby forming a closed-loop management mechanism.

Board of Directors and Specialized Committees

The Board of Directors serves as the supreme decision-making body for anti-commercial bribery and anti-corruption efforts, responsible for supervising the management's implementation of business ethics and the development of a clean operational environment. The Board has established an Audit Committee under its purview to oversee the Audit Department in carrying out anti- bribery and anti-corruption activities.

The audit department

The Company has organized a 100-member audit team to serve as the routine management and executive body for anti-commercial bribery and anti-corruption efforts. The Company has established a hundred-person audit team responsible for implementing the decisions and arrangements of the Board of Directors regarding anti-commercial and anti-corruption work, as well as coordinating and advancing related initiatives across all departments. Its specific duties include: formulating and improving systems and procedures related to anti-commercial bribery and anti-corruption to establish a sound long-term management mechanism; building and operating a reporting management mechanism to handle reported matters and organize investigations; conducting anti-commercial bribery and anti-corruption training and awareness activities; regularly carrying out risk assessments and compliance inspections related to commercial bribery and corruption to identify and mitigate potential risks; and coordinating all departments in implementing relevant measures to ensure the effective execution of all initiatives.

Business departments

The head of each business department is the direct responsible person for anti-commercial bribery and anti-corruption work within their respective department. They are responsible for integrating relevant system requirements into business processes, ensuring that employees adhere to integrity and compliance regulations, and promptly identifying, investigating, and reporting any risks of commercial bribery or corruption that may arise during business operations.

All employees

An oversight and reporting mechanism that covers all employees, with everyone is a supervisor, is established to create a fair, just, honest, and transparent corporate environment.

Risk Management of Anti-Commercial Bribery and Anti-Corruption

Control of Key Areas and Processes

The Company focuses on key business processes and high-risk segments, coordinating business departments to systematically identify and manage integrity risks. By regularly assessing potential risks in critical business domains such

as supply chain management, raw grain procurement, sales, engineering management, and environmental operations, specialized preventive measures are developed and embedded into business systems. This ensures effective prevention and mitigation of corruption and commercial bribery risks at the forefront of business activities. Anti-corruption clauses are incorporated into all commercial contracts, and all partners are required to sign the *Integrity Commitment Letter* and provide integrity assurance deposits. A blacklist system for suppliers involved in commercial bribery is established, reinforcing the foundation for ethical collaboration from the source.

IT-enabled Control

The Company actively leverages information technology to enhance anti-corruption risk prevention and control capabilities. It has established information platforms such as the procurement business management system, fund management system, and internal audit system, enabling the digitalization, visualization, and traceability of business processes.

Through system features like approval nodes, permission controls, and data alerts, abnormal transactions and violations are automatically identified, improving the precision and efficiency of risk prevention.

Supervision and Auditing of Anti-Commercial Bribery and Anti-Corruption

In 2025, the Company upgraded and optimized its collaborative prevention and control system against corruption. By strengthening internal controls, supervision, and inspection, it built a rigid constraint that ensures "inability to corrupt"; through serious punishment and deterrence, it formed a powerful shock that enforces "fear of corruption"; and by deepening ideological education and mechanism building, it solidified the ideological foundation of "unwillingness to corrupt", thereby achieving multi-dimensional collaborative governance.

The Company has established a normalized audit and supervision mechanism, implementing a two-year rolling audit plan to achieve full coverage. We conduct irregular special audits and routine inspections targeting high-risk operations such as supply chain management, procurement, sales, and environmental operations. Focusing on positions with centralized power, high risk, and weak controls, we carry out audits for sensitive posts. We continue to implement the whole-staff reporting mechanism to eliminate performance fraud, comprehensively evaluate the effectiveness of cadres' performance, strengthen management empowerment, and support the improvement of regional operations.

For institutional loopholes or execution deviations identified during audits, we establish rectification ledgers, clearly defining responsible departments and timelines. Rectification results are included in performance appraisals to ensure the substantive resolution of issues and to promote the improvement and upgrade of the internal control system.

In 2025, Muyuan focused on supervising corruption risks in high-risk operations and key management positions. We conducted inspections on key areas including supply chain management, procurement, sales, and environmental operations. Specifically, we carried out 45 special audits targeting 63 core risk points in key links such as tender pricing, sales collection, procurement payment, and production fraud. We discovered and rectified 109 issues, achieving a 100% rectification completion rate.

Routine inspections were conducted on 149 subsidiaries covering live pig sales, live pig inventory, raw grain quality inspection, weighing, and asset management. These efforts supported the implementation of group standardization and prevented corruption and execution risks, achieving a subsidiary coverage rate of 46.56%.

2025 Performance		
Conducted	Identifying and rectifying	Achieving a
45 specialized audits and inspections	109 issues	100% rectification completion rate

Anti-Commercial Bribery & Anti-Corruption Reporting and Investigation

The Company has established a whole-staff reporting reward mechanism with clearly defined standards. For reports on integrity and compliance issues, once verified, the verified amount below CNY 100,000 will be fully awarded to the whistleblower. For amounts ranging from CNY 100,000 to 500,000, a reward of CNY 100,000 to 200,000 will be granted. For amounts exceeding CNY 500,000, the reward will be no less than CNY 200,000. For reports on management issues, if confirmed through investigation, cash rewards ranging from CNY 1,000 to 100,000 will be provided to the whistleblower depending on the circumstances.

In 2025, Muyuan further improved the standards for its reporting mechanism, which grants immunity from liability and provides rewards for whistleblowers involved in the same case, as well as the standard for issuing equivalent rewards for rejecting bribes.



Reporting Channels

Muyuan has established multiple, confidential channels for reporting misconduct (such as corruption and fraud). The Company publicizes these reporting channels through multiple platforms, including its official website, WeChat official account, customer service platforms, DingTalk work groups, and integrity and compliance training materials. These efforts ensure that every employee and partner is fully informed of the reporting channels and procedures. Regarding issues identified through these reports, the Company promptly coordinates their investigation and handling, and implements corrective measures to address any management loopholes identified.

Channels for Reporting and Complaints

- E-mail: sjb@muyuanfoods.com
- Tel.: 17837751511
- Written Correspondence: Muyuan Audit Department, Longsheng Industrial Park, Wolong District, Nanyang City
- Integrity Muyuan Official Account: Search "Integrity Muyuan" on WeChat, follow the account to report online
- Appointment-based in-person reporting
- Other forms deemed appropriate by the whistleblower

Whistleblower Information Confidentiality

The *Whistleblower Information Confidentiality Regulations* has been formulated to strictly protect the identity of whistleblowers. Any department or individual is prohibited from retaliating against whistleblowers. Violations will be subject to serious accountability in accordance with the system, ensuring the legitimate rights and interests of whistleblowers are effectively safeguarded.

Reporting Acceptance

The Company designates the Audit Department as the authority responsible for accepting reports. A mechanism for verifying reported leads and follow-up feedback has been established, ensuring timely investigation and verification of received information. Verification outcomes are promptly communicated to the whistleblower, except where confidentiality is required.

Accountability and Disciplinary Action

The Company upholds a "zero-tolerance" stance against corruption. Regardless of the scale—whether it involves a cigarette, a bottle of water, or a single cent—any violation of integrity and compliance is addressed under the principle of "all incidents must be investigated, investigations must be thorough, accountability must be enforced, and penalties must be severe." For confirmed corruption cases, irrespective of the seniority of those involved, strict actions are taken in accordance with laws and regulations: internal administrative sanctions, such as warnings, demotions, advised resignations, or dismissals, are imposed on the responsible personnel; where illegal or criminal conduct is identified, cases are resolutely handed over to judicial authorities; management and supervisory responsibilities are also pursued. The Company has established a "Group Public Reporting Group" that covers all employees. The outcomes of all corruption cases are publicly disclosed within the group to serve as a deterrent and educational tool.

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马杰

举报电话: 17837751511

群公告

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2025 Performance

The Company received	Granting rewards to	With a total amount of CNY
8,680 whistleblower reports this year	1,136 individuals for reports related to management issues and anti-corruption	6.2618 million
It investigated and handled	Dealt with	Disbursed anti-corruption whistleblower rewards totaling CNY
50 cases involving bribery and misappropriation of company assets	67 relevant responsible personnel	2.4723 million

Training, Communication, and Culture Building

Cultural Seminars, Dissemination, and Implementation

The Company regards integrity and self-discipline as the foundation of business ethics. Every June, it organizes special seminars on the culture of integrity and self-discipline for senior executives and core cadres. These seminars form the basis for developing standardized cultural training materials. Senior executives then deliver a one-day training session to all employees based on these materials. Following the company-wide training, each region and department holds discussions to integrate these principles into their specific business operations. Meanwhile, the Company has established a cultural development assessment mechanism to motivate subsidiaries and departments to continuously disseminate and embed the integrity culture. The Company strengthens internal communication and advocacy to foster a positive atmosphere in which "everyone upholds integrity, all actions comply with regulations, and moral conduct is valued in all aspects of work."

Business Ethics and Anti-Corruption Training

The Company incorporates business ethics and anti-corruption training into the annual training system for employees, delivering differentiated training based on employee levels and roles.

- For management: Training with business ethics as the cornerstone and anti-corruption as the core, focusing on the risks to management performance, is conducted to reinforce compliance awareness and ethical leadership among the management and safeguard the healthy development of the enterprise.
- For all employees: Foundational training on laws, regulations, policy requirements, and business ethics is offered to elevate overall compliance literacy and strengthen the ethical mindset in professional conduct.
- For partners: Business ethics assessments and certifications are conducted during supplier onboarding. Integrity and compliance training sessions are organized for partners, and *Integrity Commitment Letters* are signed to establish a transparent and efficient sustainable supply chain system.

Thematic Activities

Various activities are organized, including International Anti-Corruption Day training, Muyuan Anti-Corruption Month campaigns, and visits to detention centers, prisons, or integrity education bases.



International Anti-Corruption Day themed training on December 9th

Case Publicity

We carry out case publicity and warning education via the Company's public reporting groups, WeChat official accounts, and the "Smart Muyuan" DingTalk account to build a solid ideological line of defense.

2025 Performance

The outreach of the campaign reached	The training achieved	Training rate for authorized partners:	Instances of rejecting corruption:
127,600 people	100% employee coverage	100%	72 cases
100% management personnel coverage	100% exam certification pass rate	Integrity Commitment Agreement signing rate of suppliers:	Total rewards issued for rejecting corruption: CNY
100%	100%	100%	96,900
100% Integrity Commitment Agreement signing rate			

Anti-Unfair Competition

A healthy business environment is the cornerstone of sound industry development. Muyuan firmly upholds a fair competitive market environment, strictly complies with laws and regulations such as the *Anti-Unfair Competition Law*, and strictly prohibits any form of false advertising, commercial defamation, infringement of trade secrets, and unfair prize promotions. The Company defines behavioral boundaries through internal policies and integrates compliance requirements into business processes such as sales, product promotion, and competitive relationship management. We continuously conduct employee training to strengthen compliance awareness and establish monitoring mechanisms to ensure the legitimacy of commercial activities. We are committed to winning the market through integrity and innovation, safeguarding a healthy industry ecosystem and the long-term value of sustainable corporate development.

Anti-Money Laundering

The Company strictly adheres to anti-money laundering laws and regulations in the jurisdictions where it operates, establishing a risk-based internal control system that embeds core requirements such as customer identification, transaction monitoring, and risk assessment into business processes. Through regular risk self-assessments, vulnerabilities in operations are identified, and abnormal transactions are promptly monitored and alerted. At the same time, the Company actively collaborates with regulatory authorities and financial institutions, conducts anti-money laundering training, strengthens a culture of compliance, and is committed to curbing money laundering risks at the source, thereby fulfilling its corporate social responsibilities.

Cybersecurity and Information Security

Muyuan closely follows evolving technological trends by integrating cyber and information security into its core enterprise risk management framework. To address the dynamic cyber threats and data security risks arising from digital transformation, the Company has established a continuous, forward-looking identification and dynamic risk assessment mechanism. By precisely identifying the material risk points brought by technological upgrades, the Company achieves in-depth protection of strategic security and financial stability, transforming information risk management into a core driver supporting the sustainable development of smart farming.

In 2025, Muyuan achieved full coverage of data leakage prevention products for office terminals, reducing the risk of data breaches and ensuring the stable operation of the Company's business.

Information Security Management

Muyuan continues to refine its information security management system by revising and releasing the *Muyuan Office Security Management Policy*. This policy standardizes information processing practices and enhances the Company's overall information security capabilities. In 2025, all three of the Company's information systems successfully passed the *National Cybersecurity Level Protection Assessment*, meeting the Level III requirements of information security technology specified in the *Basic Requirements for Cybersecurity Level Protection* (GB/T 22239-2019)

Information Security Operations

In operations and maintenance (O&M)

Muyuan has deployed infrastructure such as bastion hosts and an operations management platform. All O&M personnel access network devices, operating systems, and databases exclusively through bastion hosts, ensuring that all operational activities are fully auditable. The platform aggregates, categorizes, and processes all security logs, significantly enhancing the efficiency of information security operations and the timeliness of threat response.

For its defense capabilities

Muyuan has deployed security equipment such as facial recognition systems, the Muyuan Office Platform, firewalls, constructing a defense-in-depth system across the physical, network, host, application, and data layers. The Company adheres to the PDCA (Plan-Do-Check-Act) cycle to continuously improve its security defense system and ensures zero occurrences of information security incidents.

In terms of detection

Muyuan ensures information security by performing penetration testing on information systems, conducting security baseline checks for operating systems and databases, carrying out routine security inspections, and executing attack and defense drills. The Company has also deployed scanners to conduct unscheduled scans of all infrastructure and applications in the data centers, aiming to achieve zero vulnerabilities.

Information Security Training

To enhance employees' information security awareness, Muyuan organized various activities, including the Cybersecurity Awareness Week, information security awareness training, and Anti-fraud campaigns. Following the training, all employees were required to complete an enterprise-wide certification exam to assess the effectiveness of the awareness programs.

Tax Transparency

Muyuan and its subsidiaries strictly comply with tax laws and regulations in all countries and regions where they operate. They fulfill their tax obligations in accordance with the law, actively contribute to society, and support local economic development. In 2025, the total tax paid by Muyuan and its subsidiaries amounted to CNY 1.278 billion.

In 2025, the total tax paid amounted to CNY

1.278 billion

The Company's Board of Directors directly oversees the legal and tax risk control functions and regularly receives reports from the Chief Financial Officer on tax compliance and risk management. Additionally, the Company has established management systems, including the *Tax Management Regulations*, *Individual Income Tax Management Regulations*, and *Invoice Management Regulations*, which clarify operational procedures and compliance requirements for tax filing, invoice management, and other areas. These systems emphasize lawful tax payment and compliant operations, requiring strict adherence by all departments and employees, and are regularly revised to align with the latest laws and policies.

The Company advances tax management through digitalization, shifting from post-event risk management to controllable tax compliance, proactive tax risk mitigation, and intelligent tax administration. It actively develops an invoice management system, achieving automated management of invoices across seven core functions, including issuance, consolidation, verification, and archiving, thereby deepening the integration of business, finance, and taxation. Regular tax competency training is conducted to enhance the professional capabilities and tax compliance awareness of relevant personnel.

02

Environment

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The SDGs addressed in this chapter



Environmental Management

Muyuan strictly complies with applicable laws and regulations, including the *Law of the People's Republic of China on Prevention and Control of Water Pollution* and the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes*. In addition, guided by the Article 4 and Article 7 of the *Basic Law of Muyuan* which states "Never pass on costs, never shirk responsibilities, and never leave hidden dangers." and "Promote an environment-friendly and animal-friendly business pattern. Promote circular economy and cleaner production to reduce negative influence on the atmosphere.", respectively, it has established five-stage environmental goals, i.e. "zero discharge, no hidden hazards, no foul odor, haze reduction, and carbon emission reduction", to continuously improve its environmental management system and advance an environmentally friendly and green development. In 2025, the Company invested CNY 3.504 billion in environmental protection and received no environmental administrative penalties.

In 2025, the Company invested CNY
3.504 billion in
environmental protection

Muyuan continues to advance environmental-related certifications in multiple segments of its value chain, including feed production, pig farming, and slaughtering operations. As of the end of 2025, 1 feed mill, 8 farms, and 7 slaughterhouses had obtained the ISO 14001 Environmental Management Systems Certification; 7 slaughterhouses had obtained the ISO 45001 Occupational Health and Safety Management System Certification; 5 slaughterhouses had been recognized as National Green Factories; 2 slaughterhouses as Provincial Green Factories; and 3 slaughterhouses as Provincial Water-saving Enterprises.

Environmental Commitments

We adhere to the integration of ecological benefits and business development. For that purpose, we promote environmentally friendly production method and systematically implement environmental sustainability management to reduce pollutant discharges such as wastewater and exhaust gases and build an end-to-end ecological responsibility system. Based on the *Basic Law of Muyuan*, we have made the following environmental protection commitments:

Waste management

Guided by the 5R principles (Rethink, Reduce, Reuse, Recycle, and Refuse), we make efforts to reduce the generation of waste, practice waste recycling and reuse, and conduct 100% resource utilization of manure to realize odor-free pig production and leave no disturbance to local community.

Energy conservation

Through the application of upgraded intelligent equipment and optimized process with higher energy efficiency, to reduce the use of traditional fossil fuels and increase the utilization rate and proportion of renewable energy sources such as photovoltaics and biogas.

Resource conservation

By innovating production technology and process, promoting intelligent applications, and enhancing management, to improve the production efficiency and the utilization efficiency of resources such as land, grains, water, and air.

Response to climate change

By applying and promoting low-carbon and energy-saving technologies, to reduce GHG emissions throughout the entire value chain, setting new standards for low-carbon pig production and helping address global climate change.

Biodiversity conservation

Through full lifecycle management of projects, we strictly control the impacts of our business activities on the surrounding natural environment; and carry out ecological restoration based on the crop-livestock cycle model to promote the harmonious coexistence of livestock farming activities with the regional ecosystems and safeguard natural genetic pool.

Environmental Management System

Management Structure

The Board of Directors, as the highest decision-making body for ESG governance, executes comprehensive oversight of the Company's environmental affairs. The Environmental Monitoring Department, acting as an independent third party, conducts professional supervision of the Company's environmental protection activities and regularly reports to the Board, supporting the continuous improvement of environmental performance. The Environmental Logistics Department serves as the primary department responsible for environmental management. It includes the Ecological and Environmental Technology Division and a multi-tier environmental management structure covering regional branches, subsidiaries, and farm sites.

Management Systems

In accordance with national and local environmental laws and regulations, Muyuan has established an internal environmental management system guided by the *Basic Law of Muyuan* as its strategic program. Through a "1 + N" top-level structure, which provides the general systems of environmental management and the standardized framework for specific environmental management operations, the Company clearly defines the environmental responsibilities and guiding principles for operations of each department, ensuring that all environmental protection activities are conducted in a standardized, compliant, and well-regulated manner.

1: The General Environmental Management Policies

Including documents such as the *Environmental Risk Management Policy*, the *Environmental Operation Quality Management Standard for Farms* and the *Environmental Management Measures for the Production in Feed Mills*.

N: Specific management regulations for wastewater, waste gas, noise, solid waste, and emergency response.

Water management: *Standard Water Use Management Policy, Liquid Fertilizer Application Management Policy, Water Quality Fluctuation Warning Policy, Management Policy for the Reuse of Reclaimed Water, etc.*

Air pollution prevention and control: *Farm Odor Management Policy, Operational Management Policy for Odor Control Facilities at the Farm Site, and Dust Control Standards for Feed Mill Workshops, etc.*

Waste management: *Management Policy for the Transfer of Dead Pigs, Procedures for the Classification, Collection, Transportation, and Temporary Storage of Medical Waste, and Hazardous Waste Management Policy, etc.*

Management Mechanisms

For further enhancement of the process management and targeted control of environmental risks, the Company has established a special mechanism to hold monthly environmental risk management meetings. These meetings are led by the Environmental Monitoring Department and focus on environmental issues founded in regions every month. It forms a regular management system featuring an action chain of "Early Warning –Assignment – Rectification – Review – Accountability", advancing the transformation of environmental management from "post-event correction" to "pre-prevention".

Muyuan has developed an "Four Opportunities" closed-loop management mechanism for environmental compliance. It facilitates the timely recognition and efficient correction of environmental issues within the Company systematically via encouraging employees to voluntarily report environmental issues, strengthening regional self-governance, setting strict red-line accountability systems, and promoting coordinated emergency response.

Aspect	Opportunity 1	Opportunity 2	Opportunity 3	Opportunity 4
	Company-wide supervision incentives	Regional self-governance	Red-line accountability mechanism	Coordinated response to emergencies
Operational Approach	Encourage all employees to proactively report environmental issues; provide incentives for valid reports to promote full identification and timely rectification of problems.	Regional branches and operational teams independently manage environmental issues by proactively reporting and rectifying problems; both regional branches and headquarters may provide incentives.	Cases involving red-line violations or major environmental issues with delayed or refused rectification are incorporated into organizational and individual performance evaluations. The Environmental Monitoring Department supervises the rectification process to ensure compliance with regulatory requirements	Upon confirmation of an emergency or management issue, a collaborative mechanism involving both front-office and back-office units will be immediately activated. This ensures rapid resource mobilization and expedited issue resolution, followed by a rigorous performance assessment.
Management Objectives	Achieve early detection and early resolution of environmental issues.	Strengthen frontline management initiative and improve rectification efficiency.	Reinforce the management accountability and ensure closed-loop resolution of major risks.	Foster coordinated emergency response capability and minimize the environmental impact and operational risks.

Environmental Operation

Muyuan has established a closed-loop environmental oversight system with internal reporting channels and external reporting hotlines. It encourages all employees and the public to oversee the Company's performance and provides immediate rewards to whistleblowers, enabling the early identification and timely resolution of environmental risks. In 2015, the Company safeguarded 100% normal operation of environmental protection equipment and ensured environmental operation compliance through its reporting and oversight system, with a total of CNY 1.0378 million in rewards distributed to whistleblowers.

With a total of CNY
1.0378 million
in rewards distributed to whistleblowers

Internal oversight

A "1-3-7" response mechanism (i.e. response within 1 hour, verification within 3 hours, and closed-loop rectification within 7 days) is implemented in farms for solving environmental protection issues. Employees may submit environmental concerns and clues at any time through a 24-hour hotline or QR code reporting channel, with reports sent directly to the Environmental Monitoring Department at the headquarters, enabling timely identification and immediate resolutions of problems and maintaining effective prevention and control of environmental risks and hazards based on dynamic and closed-loop management.

Response within	Verification within	Closed-loop rectification within
1 hour	3 hours	7 days

External oversight

Public reporting hotlines are open to farms and surrounding villages. All leads from the public are directly sent to the Environmental Monitoring Department at the headquarters, and the reported cases are immediately assigned to designated personnel for direct handling. We strictly adhere to the "Three-No Principles", i.e., no transfer to lower levels, no disclosure of whistleblower identity, and no delay in action, and follow a rigorous confidentiality protocol as the bottom line to prevent any form of retaliation. It is also ensured that the verification for the collected leads will be started within 2 hours. Upon completion of rectification, findings are communicated and a follow-up visit is conducted within 24 hours, ensuring 100% closed-loop management and 100% public satisfaction rate.

Environmental Training

Muyuan places strong emphasis on building a professional environmental management workforce. The Company has systematically developed pre-employment training programs and capability enhancement plans for employees in environment-related positions at all levels. The training topics focus on the interpretation of environmental laws and regulations, case studies of typical environmental incidents, advanced environmental protection technologies and processes, and standardized operational specifications. These programs are designed to enhance employees' awareness of environmental risk prevention and compliance management capability, while promoting the in-depth integration of standardized operational principles into on-site management practice. In 2025, a total of 99 dedicated environmental protection training sessions and 187 environmental protection technology certifications were completed by the Company, and 100% of the Company's environmental professionals received training.

A total of	187 environmental protection technology certifications were completed by the Company	100 % of the Company's environmental professionals received training
99 dedicated environmental protection training sessions		



Response to Climate Change

Climate Governance

Muyuan attaches great importance to the potential impact of climate change on its strategy and business operations and has incorporated climate change into the core (topic) of its ESG governance framework. It has established a three-tier governance mechanism consisting of "Governance–Management–Execution", and strengthened climate governance in a systematic way to improve its resilience in sustainable development.

Decision-making layer: Board's Sustainable Development Committee

- Responsible for making major decisions on climate-related matters of the Company.
- Oversees the implementation and progress of the Company's carbon peaking and carbon neutrality strategy and related plans.
- Reviews climate change risks and the response measures.
- Reviews the Company's annual *Green and Low-Carbon Action Report*, ESG Report, policy documents for carbon emission reduction, and other related disclosure information documents.

Management layer: Green & Low-carbon Office

- Formulates the Company's development goals and planning for carbon emission management.
- Identifies and assesses climate change-related risks and opportunities, develops response measures, and reports to the Sustainable Development Committee.
- Establishes the Company's carbon neutrality management system.
- Drives the implementation of carbon emission management work.
- Conducts the performance evaluation and assessment related to carbon emission management.

Execution layer: Low-carbon Management Group

The Company's three business divisions, the Feed, Pig Farming, and Slaughtering, together with relevant departments, including the Pig Production Department, Nutrition Department, Farm Design Department, Environmental Protection Department, Supply Chain Management Department, and Logistics Department, have each designated the carbon management representatives to form a Low-Carbon Management Group to be responsible for the day-to-day implementation of the Company's carbon management work, including carbon emission data monitoring and disclosure, development of emission-reduction measures, training on carbon emission management, and capacity-building of relevant personnel.

Climate Strategy

Muyuan integrates green and low-carbon development deeply into its core corporate strategy, advancing both climate resilience and low-carbon transition in a coordinated manner. The Company conducts assessments on climate-related risks and opportunities in a systematic way, incorporating physical risks, such as extreme weather events, as well as transition risks, including those related to the market, supply chain, and fossil fuel supply and demand, into its governance

framework, business model optimization, and value chain management. By developing forward-looking and practicable response strategies, the Company continuously strengthens its risk management capabilities to ensure operation safety and stability, and enhances its resilience in sustainable development earnestly. At the same time, Muyuan actively implements China's carbon peaking and carbon neutrality ("dual-carbon") strategy, promoting the effective implementation of green transformation.

Identification of Climate Risks and Opportunities

Scenario analysis: Opportunities	4°C Warming: High-emission Baseline Scenario			
	Opportunity category	High-quality products	Green technologies	Climate resilience
	Opportunity	Healthy and high-quality products	Green energy technologies	Climate change risk management capabilities
	Time horizon	Medium- to long-term	Medium- to long-term	Medium- to long-term
	Potential impact on Muyuan	Enhance brand reputation and consumer trust, and strengthen market competitiveness.	Reduce energy costs, improve production efficiency, and facilitate low-carbon transition.	Enhance the enterprise's risk resistance capability and support sustainable development and compliance disclosure.
	Response measures	Strengthen supply chain resilience and the stability of pig production, implement strict quality assurance measures, and ensure the provision of healthy and high-quality pork products.	Promote clean production and energy-saving & emission-reduction technologies, and take an initiative to develop renewable energy sources such as solar and biomass energy, so as to reduce fossil fuel consumption, lower operating costs, and achieve simultaneous improvement of economic and ecological benefits.	Enhance climate change risk management capabilities, and strengthen the sustainable resilience of traditional food enterprises on all fronts by applying green technologies, optimizing production efficiency, establishing a carbon asset management system, and promoting upstream and downstream collaboration to establish green and low-carbon standards.

The short term is 0 to 3 years, the medium term is 3 to 5 years, and the long term is over 5 years.

Scenario analysis: Risks	4°C Warming: High-emission Baseline Scenario				
	Risk category	Acute physical risk	Chronic physical risk	Transition risk	Transition risk
	Risk event	Drought, flood, heavy rain, typhoon, etc.	Increasing frequency of extremely cold/hot days	Market risk	Rising demand for fossil fuels
	Risk level	Moderate	Moderate	Moderate	High
	Time horizon	Short-term	Medium- to long-term	Medium- to long-term	Medium- to long-term
	Potential impact on Muyuan	Natural disasters may lead to losses of pigs and assets, an increase in feed costs, and the risk of disease outbreaks caused by water source pollution, and disrupt the operation of all links in the industrial chain. Coupled with the decreased accessibility of catastrophe insurance, they will affect the normal production and operation of the enterprise.	Changes in the ecological environment intensify the risk of disease transmission and infection, affecting pork quality. The rising demand for energy consumption and water resources, coupled with supply chain fluctuations, threatens the stability of water used for pig farming and production continuity.	Climate change may lead to a reduction in feed production and a sharp rise in raw material prices. Extreme climate events may damage the pig farming ecosystem, weakening the production stability and market supply capacity.	The rising prices and tight supply of traditional energy push up heating and electricity costs, increasing the pressure on pig farming operations.
	Response measures	Strengthen the development of emergency response capabilities for flood and typhoon prevention, regularly conduct emergency drills for extreme weather events, expand the diversified supplier system, and increase resource investment to ensure operational continuity under extreme climates.	Establish a disease early warning system; promote energy-saving and water-saving pig farming technologies; implement water resource recycling; optimize disaster prevention facilities in the farm area; and improve the adaptability of the pig farming link to ecological environment changes through multi-dimensional collaboration to ensure stable production and pork quality and safety.	Develop low-soybean meal feed formula technology to reduce raw material dependence and costs, and increase investment in research and development of high-quality farming technologies for breeding stock to improve survival rate, reduce the occurrence of sick pigs, and enhance breeding efficiency and biosecurity level.	Promote the application of renewable energy, strengthen energy and resource conservation management, and improve utilization efficiency to ensure the sustainability and stability of pig farming operations.
	Current/expected financial impact	To enhance climate resilience, optimize resource efficiency and promote green and low-carbon development, the Company continues to increase investments in areas such as responding to extreme weather events, upgrading disaster prevention facilities, developing breeding pig and feed technologies, and applying renewable energy (such as green electricity procurement and photovoltaic development).			

The short term is 0 to 3 years, the medium term is 3 to 5 years, and the long term is over 5 years.

Scenario analysis: Opportunities	1.5°C Warming: Low-emission Baseline Scenario			
	Opportunity type	Product and market	Financing	Technology
	Opportunity	Low-carbon products and services	Green finance	Green technologies
	Time horizon	Medium- to long-term	Short-term	Medium- to long-term
	Potential impact on Muyuan	Customers are paying increasing attention to low-carbon and environmental protection, and prefer safe, healthy, sustainable, and green food.	Financial institutions have increased support for low-carbon credit. Therefore, Muyuan can obtain low-cost green loans for energy-saving technological transformation, biogas power generation, and recycling and utilization of manure, thereby reducing costs, increasing efficiency, and enhancing sustainable development.	Seize the opportunity of the coordinated development of low-carbon technologies, renewable energy, and circular economy to promote the green transformation of the pig farming industry.
	Response measures	Develop alternative feed solutions, including vegetable proteins, microbial proteins, and insect proteins, and continuously reduce the consumption of soybean meal used in feed, thus supporting the transition toward green livestock farming and creating sustainable brands; strengthen the disclosure of environmentally friendly farming information and enhance brand image.	Promote the crop-livestock cycle model, explore carbon sink projects, reduce emission intensity, and enhance carbon sequestration capacity; participate in carbon trading and strengthen green brands; improve ESG rating, attract responsible investment, and reduce financing costs.	Expand new business areas such as organic fertilizer production and biomass energy development, and promote resource recycling to reduce carbon emissions, enhance climate resilience, and mitigate operational risks caused by climate change.

The short term is 0 to 3 years, the medium term is 3 to 5 years, and the long term is over 5 years.

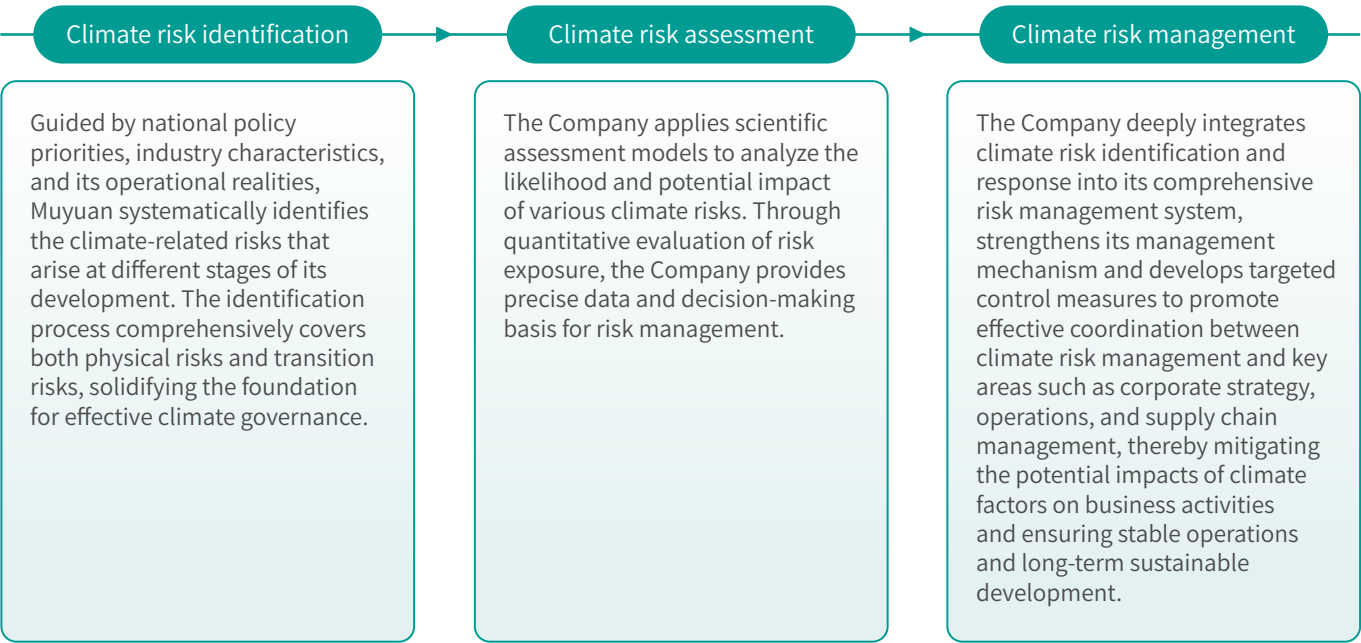
Scenario analysis: Risk	1.5°C Warming: Low-emission Baseline Scenario			
	Risk category	Acute physical risk	Transition risk	Transition risk
	Risk event	Drought, flood, heavy rain, typhoon, etc.	Stricter policies and regulations	Technology upgrade
	Risk level	Moderate	High	Moderate
	Time horizon	Short-term	Medium- to long-term	Medium- to long-term
	Potential impact on Muyuan	Disasters such as rainstorms and typhoons may affect the infrastructure of farms and the safety of pigs. The main feed producing areas may be affected by climate conditions such as droughts and floods, leading to unstable yields of corn and soybeans, and pushing up the cost of raw material procurement.	As the country advances the "dual-carbon" goals, the pig farming industry faces stricter requirements for environmental approval, emission standards, and resource utilization.	To achieve emission reduction targets, it is necessary to invest funds in the application of low-carbon technologies such as energy-saving pig house renovation, biogas purification and intelligent feeding systems.

Scenario analysis: Risk	Response measures	Improve drainage, reinforce pig houses, and formulate hierarchical emergency plans for climate disasters; establish a diversified feed procurement system and regional warehousing layout, and enhance material reserve and dispatching capabilities under extreme weather conditions.	Accelerate the promotion of low-carbon technologies such as precision feeding and energy-saving pig houses, deepen the "pig-biogas-grain" crop-livestock cycle, and fully realize the recycling and utilization of livestock and poultry manure.	Give priority to promoting energy-saving pig houses and intelligent feeding systems in newly built, expanded, and renovated farms, and gradually replace old facilities; rely on data of energy consumption, feed, and emission to achieve full-cycle refined management of low-carbon projects and improve the input-output ratio.
	Current/expected financial impact	The Company's adaptive expenditures show a continuous upward trend, driven by three key areas: responding to extreme weather, aligning with national environmental & low-carbon policies, and investing in infrastructure renovation. Consequently, investment in climate resilience and green sustainable development continues to increase.		

The short term is 0 to 3 years, the medium term is 3 to 5 years, and the long term is over 5 years.

Management of Climate Change Impacts, Risks and Opportunities

In developing its risk management system, Muyuan fully considers the potential impacts of climate-related risks on its operations and sustainable development. It integrates climate risk identification, assessment, and management into its overall risk management system, achieving tiered and categorized control of climate-related risks effectively.



Metrics and Targets

The Company continued to promote carbon emission management, strengthened innovation in energy-saving and emission reduction technologies, dynamically adjusted the energy structure, and carried out comprehensive low-carbon actions covering the entire value chain. As a result, the Company reduced GHG emission intensity by 2.4% this year. In 2025, the Company evaluated the GHG emission sources in the upstream and downstream of the value chain, carried out Scope 3 GHG emission accounting for key categories, and completed relevant accounting tasks.

Climate Change Management Targets

Long-term (2025-2030)	Short-term (2025)	Progress (2025)
- Reduce GHG emission intensity by 20%. - Green electricity substitution ratio reaches 30%	- Reduce GHG emission intensity by 1.5%. - The substitution ratio of green electricity generated by the distributed photovoltaic system reaches 4%.	- The GHG emission per tonne of pork was 0.883 tonnes of CO₂ equivalent, and the GHG emission intensity was reduced by 2.4% - The substitution ratio of green electricity generated by the distributed photovoltaic system reaches 4.4%.

GHG Emissions Metrics

Indicator	2025	Unit
Scope 1 GHG emissions	474.21	10,000 tCO ₂ e
Scope 2 GHG emissions	388.34	10,000 tCO ₂ e
Scope 3 GHG emissions	702.26	10,000 tCO ₂ e
Total GHG emissions (Scope 1 and Scope 2)	862.55	10,000 tCO ₂ e
Total GHG emissions (Scopes 1, Scope 2, and Scope 3)	1,564.81	10,000 tCO ₂ e
GHG emissions reduction	605.88	10,000 tCO ₂ e
GHG emission intensity (Scope 1 and Scope 2)	0.883	tCO ₂ e per tonne of pork

Notes:

1. GHG emissions accounting scope:

[1] When accounting the GHG emissions, Muyuan takes the operational control approach to determine organizational boundaries. For entities under the operational control, 100% of their GHG emissions are included in the GHG emission inventory of Muyuan. GHG emissions by subsidiaries under the operational control are covered, including the entire operation chain consists of main production systems (such as livestock and poultry farming and management, feed processing, and manure treatment), supporting production systems, and affiliated production, slaughtering and meat processing systems that directly serve the production.

[2] The greenhouse gases covered in the inventory include carbon dioxide, methane, nitrous oxide, etc.

[3] This accounting strictly follows international standards such as the *GHG Protocol*. A comprehensive and in-depth investigation was conducted on the carbon emissions from the Company's overall operation and across the entire industry chain under the comprehensive framework consists of Scope 1 (Direct emissions), Scope 2 (Indirect emissions from purchased energy), and Scope 3 (Indirect emissions from the upstream and downstream of the value chain). The accounting under Scope 3 covers the following categories: Category 1 – purchased goods and services; Category 3 – fuel and energy related activities; Category 4 – upstream transportation and distribution, Category 6 – business travel, Category 7 – employee commuting, and Category 9 – downstream transportation and distribution.

2. GHG emission accounting standards:

[1] To further align with international mainstream standards for ESG disclosure and review the overall impacts of our activities on climate in a more systematical way, in this year, we referred to the following standards for calculating GHG emissions: the *GHG Protocol: Corporate Accounting and Reporting Standard*, the *Requirements of the Greenhouse Gas Emissions Accounting and Reporting-Part 22: Livestock Enterprise (GB/T 32151.22-2024)*, the *2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories*, the *GHG Protocol: Corporate Value Chain (Scope 3) Accounting and Reporting Standard*,

the GHG Protocol: Technical Guidance for Calculating Scope 3 Emissions, the ISO 14064-1:2018: Specification with Guidance at the Organizational Level for Quantification and Reporting of Greenhouse Gas Emissions and Removals, the ISO 14064-3:2019: Specification with Guidance for the Verification and Validation of Greenhouse Gas Assertions, and other applicable laws, regulations, and relevant standards. Besides, to ensure the continuity of disclosure standards, we trace the GHG emission intensity for 2024 to 0.905 tonnes of CO₂ equivalent per tonne of pork.

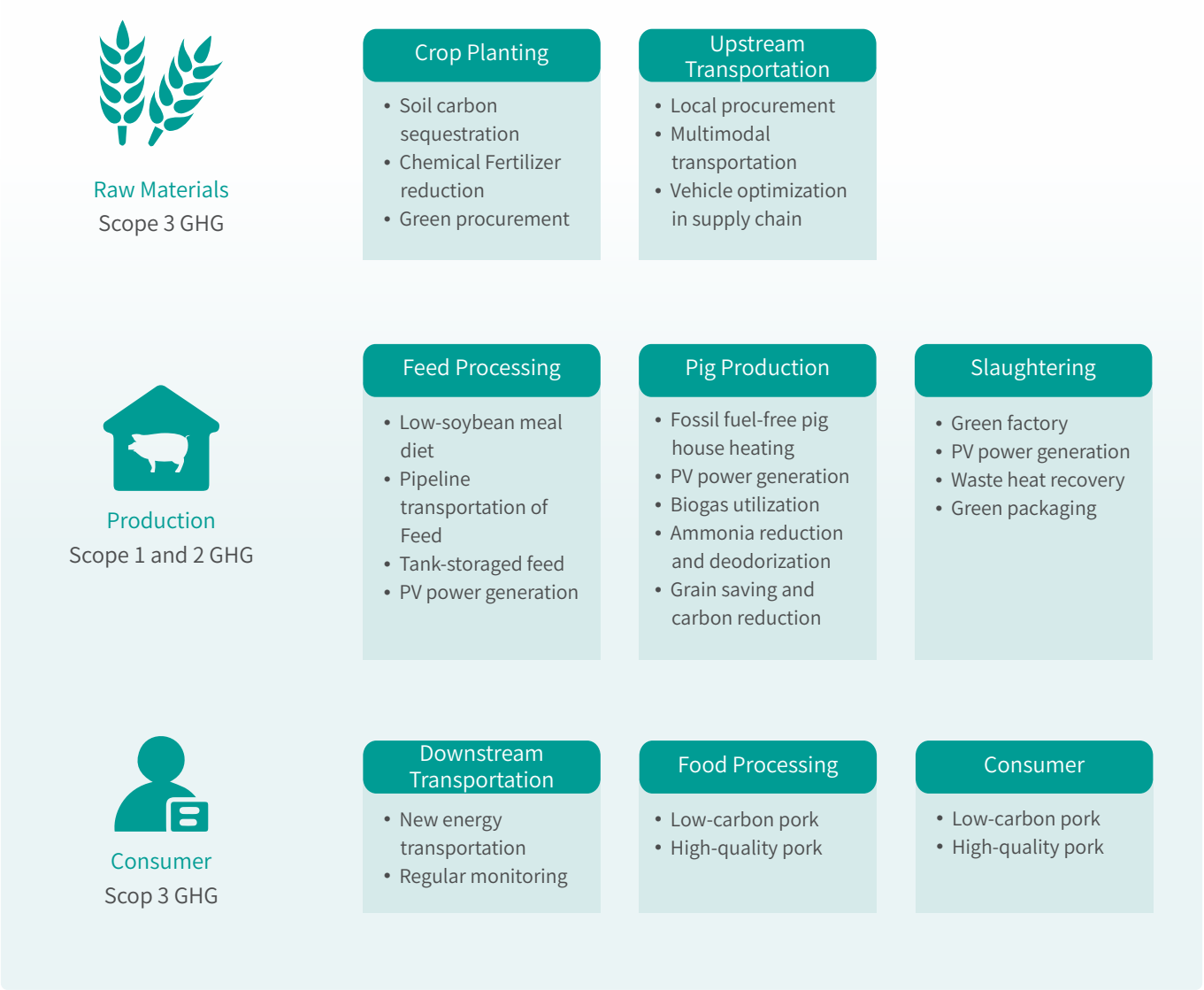
[2] The Scope 1 and Scope 2 GHG emission factors for the accounting were referred to the National Greenhouse Gas Emission Factor Database (Second Edition), the 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories, the 2023 Electricity CO₂ Emission Factors, etc. The Sope 3 emission accounting factors were referred to the Ecoinvent Version 3.11, the 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories, the 2024 National Electricity Carbon Footprint Factors, the GHG S3.483.9: Emission Factors for Road Transportation in China (2024), the GHG S3.4&3.9: Emission Factors for Non-Road Transportation in China (2024), the GHG S3.6: Emission Factors for Typical Business Travel and Accommodation Activities in China (2024), etc.

3. GHG emissions reduction:

It represents the emissions avoided through the Company's initiatives from the source, including promoting low-soybean meal feed formulations, fossil fuel-free pig house heating, and photovoltaic power generation, as well as overall reductions achieved through technologies such as biogas utilization and energy/gas conservation.

Green and Low-carbon Actions

Low-carbon Roadmap



Fossil fuel-free pig house heating

Application of the fossil fuel-free pig house heating technology reduces natural gas and coal consumption for heating during winters at the source, achieving energy conservation and emission reduction. In 2025, standard coal usage was decreased by 414,500 tonnes, equivalent to reducing GHG emissions by 1.08 million tonnes of CO₂e.

Standard coal usage was decreased by

Equivalent to reducing GHG emissions by

0.4145 million tonnes

1.0777 million tonnes of CO₂e



Fossil fuel-free pig house heating

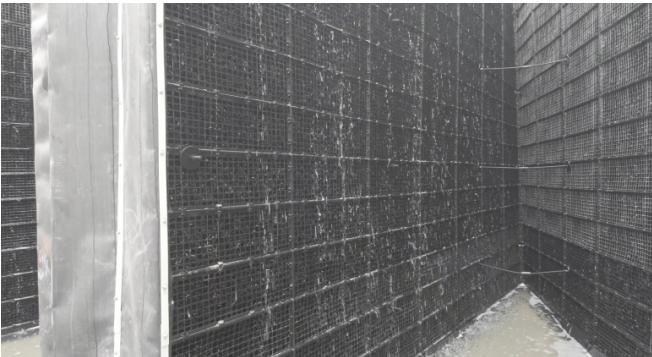
Ammonia reduction and deodorization

In all pig farms, two core innovative technologies, i.e., precision environmental control and sterilization & deodorization technologies, are implemented. A four-layer air filtration system is installed at the front end, which allows high-quality air enters pig units, reducing the risk of diseases such as African Swine Fever (ASF).

Filtered air is delivered to each pen through dedicated ducts and vents, achieving independent fresh air circulation. Exhaust air from the pig houses is collected through a sealed odor removal system and goes through physical filtration, water scrubbing, and redox reaction when passing the ammonia and odor removal wall, to effectively reduce ammonia and odors and kill pathogens. This ensures odor-free pig farming that does not disturb surrounding communities. In 2025, greenhouse gas emissions were reduced by 151,000 tonnes of CO₂e.

Greenhouse gas emissions were reduced by

0.1510 million tonnes of CO₂e



Ammonia reduction and deodorization

Methane emission reduction

Methane is a potent greenhouse gas with a global warming potential (GWP) 28-34 times that of carbon dioxide on a 100-year scale. Ruminating animals, such as cows and sheep, produce large amounts of methane during digestion, which are emitted mainly through hiccups and farting. The methane emissions produced by intestinal fermentation in pigs are much lower than those in cows and sheep.

In addition, manure management is also an important source of methane emissions, which produces methane mainly through anaerobic decomposition. To reduce methane emissions, Muyuan has been applying a series of treatments include dry manure cleaning, closed transportation, solid-liquid separation, aerobic composting, anaerobic fermentation, and closed storage since 2016. The manure is transferred from the inside of the pig house to the backend treatment in a sealed environment. The biogas produced by anaerobic fermentation are reused to reduce natural methane escape and greenhouse gas emissions.

Green energy

Based on energy related polocies such as the *Guiding Opinions on Vigorously Implementing Renewable Energy Substitution Action* and the *Opinions on Improving the System, Mechanism, Policy, and Measures for Green and Low Carbon Energy Transformation* issued by the National Development and Reform Commission (NDRC), the Company takes energy conservation, emission reduction, and energy structure optimization as its core strategies for sustainable development. In practice, a series of energy conservation and emission reduction technologies are applied, covering clean energy development and utilization, production process optimization, energy efficiency improvement of equipment, and other aspects, significantly reducing energy consumption in production.

Biogas utilization

The Company has established the *Biogas Safety Management Policy* and promoted biogas utilization technology in pig farms. Biogas from one or more farms are transferred through pressurization devices to the boilers in feed mills or harmless treatment facilities, power generators using biogas and biogas purification equipment in farms. The Company has also opened the technological pathway to use biogas in grain-drying process through specially designed biogas combustion and heat-exchange equipment and grain-drying system, which facilitates not only efficient utilization of biogas from farms but also agricultural production. To ensure standardized biogas management practice, it took continuous efforts in biogas monitoring, with 100% coverage of gas-bag surveillance for black-membrane anaerobic tanks and storage ponds and gas flow rate monitoring. The system provides automatic early-warning alerts, real-time data transmission, and comprehensive analysis of biogas accommodation in all environmental treatment zones, ensuring risk-free and hidden hazard-free environmental operations.



In 2025, the Company established 21 new biogas utilization projects, with an effective utilization of 44.35 million m³ of biogas, representing a year-on-year increase of 7.10 million m³ (or 19%), equivalent to 482.9 thousand tonnes of CO₂e in GHG emission reductions.

With an effective utilization of

44.35 million m³ of biogas

Equivalent to

0.4829 million tonnes of CO₂e in GHG emission reductions

Photovoltaic energy storage layout



- **Green electricity substitution:** In 2025, The total green electricity usage was 321 million kWh and the green electricity substitution rate was 4.4%. Through the application of photovoltaic (PV) systems, the GHG emission was reduced by 176 thousand tonnes of CO₂e.



- **Energy storage deployment:** Stored energy, as a third emergency power source, can enhance the reliability of power supply for critical loads and ensure safe and stable operations. As of the end of 2025, energy storage equipment had been installed at five sites, with a total installed capacity of 3.45 MW/7.247 MWh, including 22 units of 125 kW systems and 7 units of 100 kW systems. The cumulative number of charge-discharge cycles reached 194, and the total charging capacity reached 1.4 million kWh.



- **New scenario development:** Muyuan has developed an integrated scenario covers PV, energy storage, charging, and transportation solution. A pilot deployment was completed at Neixiang Farm 17, featuring a photovoltaic (PV) system with an installed capacity of 336.96 kW and an annual power generation of 300,000 kWh. The system includes energy storage configured at 20% of the PV capacity with a 2-hour duration, and a charging station capable of delivering up to 360 kW of output power, supporting both single- and dual-gun configurations. This infrastructure enables rapid charging for on-site new-energy feed transport and logistics vehicles, with an annual charging capacity of 3 million kWh, advancing green logistics and reducing greenhouse gas (GHG) emissions by 177 tonnes of CO₂e.

Featuring a photovoltaic (PV) system with an installed capacity of

336.96 kW

An Annual Power Generation of

300 thousand kWh



The integrated solar-storage-charging scenario at Neixiang Farm No. 17



- **Building-integrated photovoltaics (BIPV):** Feed mills have adopted BIPV, harnessing rooftop surfaces to generate electricity efficiently and advance energy conservation and emission reduction. The Total Productive Maintenance (TPM) program in feed production drove full staff participation in equipment maintenance as the starting point, and simultaneously promoted the refined operation, maintenance and management of PV systems. Throughout the year, a total of 2.7458 GWh of photovoltaic electricity was saved, reducing GHG emissions by approximately 1,457 tonnes of CO₂e.

Energy-saving renovation and process upgrade



- **Energy-saving fans:** The EC (Electronically Commutated) fans used can conduct smart stepless speed regulation based on working conditions to ensure high operating efficiency and low energy consumption, significantly reducing the electricity cost of the ventilation system. By monitoring abnormal electricity loads and making pre-judgement of non-standard conditions, timely cleaning and maintenance of key components can be provided to reduce differential pressure and wind resistance in the system and realize lower energy consumption during fan operation, saving energy while keeping efficient operations. In 2025, 232.246 million kWh of electricity were saved, reducing GHG emissions by 123.2 thousand tonnes of CO₂e.

In 2025,

232.246 million kWh of electricity were saved

Reducing GHG emissions by

123.2 thousand tonnes of CO₂e



- **House-in-house insulation technology:** The house-in-house structure was applied to effectively reduce heat loss from inside the pig house. Therefore, shorter heating durations and less diesel consumption are required to save energy use and fuel costs. As a result, 1.451 million liters of diesel were saved in 2025, reducing GHG emissions by 3,773 tonnes of CO₂e.

1.451 million liters of diesel were saved in 2025

Reducing GHG emissions by

3,773 tonnes of CO₂e



- **Automated drying technology:** The drying process in pig houses is automatically controlled, with precise settings of start/stop and operation parameters to avoid drying timeouts caused by manual operation, achieving efficient and stable operations with lower energy consumption. In 2025, 5.174 million liters of diesel were saved, reducing GHG emissions by 13.5 thousand tonnes of CO₂e.

In 2025,

5.174 million liters of diesel were saved

Reducing GHG emissions by

13.5 thousand tonnes of CO₂e



- **Intelligent environmental control system:** In Muyuan's intelligent pig houses, environmental conditions are automatically regulated through smart equipment with real-time data processing. With that, a total of 244 GWh of electricity were saved in 2025, reducing GHG emissions by approximately 129.5 thousand tonnes of CO₂e.

A total of

244 GWh of electricity were saved in 2025

Reducing carbon emissions by approximately

129.5 thousand tonnes of CO₂e



- **Upgrade of environmental protection equipment:** Through measures such as refined management of aeration process and upgrading aeration fans to air suspension fans, 12.2394 GWh of electricity was saved throughout the year, reducing GHG emissions by approximately 6,494 tonnes of CO₂e.

Low-carbon logistics

- The Company has optimized raw-material transportation. For transport distances exceeding 800 km, multimodal transport solutions are implemented, with increased share of waterway and railway transportation. In 2025, shipments reached 1.587 million tonnes by vessel and 0.8 million tonnes by railway, accounting for 36.3% of the total self-pickup transportation volume. This reduced road freight by 2.39 million tonnes and avoided approximately 108,800 tonnes of CO₂e in GHG emission reduction.
- Bulk transportation solutions have been widely adopted. In 2025, inbound auxiliary materials and by-products totaled 3.178 million tonnes, of which 2,328.7 thousand tonnes (73%) were transported in bulk, reducing GHG emissions by approximately 12.8 thousand tonnes CO₂e.

Low-carbon packaging

Muyuan further advanced its green development philosophy. Following the principles and strategies of "Reduce, Reuse, Refuse, Recycle, and Degradable", Muyuan developed policies such as the *Packaging Material Specifications and Material Optimization Requirements* and established a dedicated packaging management team to drive the R&D and application of innovative technologies for sustainable packaging materials, and advance environmentally friendly packaging design and low-carbon upgrades to its packaging systems, reducing the environmental footprint associated with packaging.

Promotion of lightweight packaging

In accordance with the *Requirements for Restricting Excessive Packaging of Commodities*, Muyuan optimized oversized gift box dimensions and adjusted the contents to have more lightweight packaging. This helps to control packaging waste at the source: Outer cardboard boxes for over half of pork product categories have been reduced in size by 5%, representing an annual reduction of approximately 225 tonnes of raw corrugated paper.

Optimized packaging material

High-performance resins were introduced to reduce the thickness of polyethylene (PE) materials and lower the use ratio of plastic composite films. For the inner packaging of pork, the Company widely adopted more efficient automated packaging materials such as PE roll film, which is expected to reduce the inner-packaging procurement costs by CNY 800 thousand in the whole year.

Recycling and utilization of used packaging materials

Muyuan is committed to avoiding packaging waste. Damaged or defective packaging materials in daily operations are reused within the Company. Subsidiaries are also actively recycling and reusing used packaging materials.

Packaging material usage in 2025



Note: The packaging of finished products is mainly used in the pork slaughtering segment. The sale of commercial pigs does not involve packaging.

Low-carbon bases

Muyuan integrates the green operational principle into employees' daily activities and has established a systematic low-carbon practice framework covering the bases, office environment, and employee behavior. It has also improved infrastructure construction and adopted clean energy solutions to reduce its carbon footprint, while continuously enhancing employees' awareness of and proactive engagement in green actions.

- The Company encourages employees to choose low-carbon, environmentally friendly, and sustainable commuting options, such as walking, bicycle riding, or driving electric vehicles, to reduce transportation-related carbon emissions.
- The Company has improved the infrastructure for new-energy vehicles. At the headquarters campus, it installed a set of 600 kW split-type liquid-cooled ultra-fast charging station, including two 600 kW single-gun ultra-fast chargers and five 250 kW dual-gun fast chargers. The station can support simultaneous charging for up to 12 vehicles, providing convenient charging services for employees and supporting the development of a low-carbon, efficient, and sustainable green campus.
- The Company has advanced the construction of photovoltaic (PV) power generation systems. The installed capacity of rooftop PV systems at the campus has reached 1.49 MW, facilitating the broader use of solar energy in the campus.

Low-carbon office operations

Leveraging digital platforms, Muyuan has promoted paperless and efficient office operations to systematically reduce resource and energy consumption:

- Online platforms such as Smart Muyuan are widely used to reduce operational carbon emissions through digital operations.
- The use of electronic signatures and seals are promoted. In 2025, a total of 421.3 thousand electronic document seals were used.
- Corporate-to-corporate settlements for business travel expenses are made on a monthly basis, reducing the need for printed receipts and unnecessary travel.
- Employees are encouraged to adopt resource-saving practices such as double-sided printing and reuse of single-sided paper.
- Energy-saving measures are strictly implemented, including air-conditioning temperature control, lighting management, and time-based elevator operation adjustment.

Low-carbon lifestyle

As a food company, Muyuan recognizes the value of resources and the effort behind food production. It advocates food conservation and respect for labor while actively preventing food waste.

- It has formally included the implementation of the "Clean Plate Campaign" into its *Employee Code of Conduct*, encouraging all employees to finish all the food on their plates during both internal meals and external business dining.
- A "Table Leader Accountability System" is implemented, wherein the designated table leader deposits a "Clean Plate Guarantee Fund" and is responsible for ordering based on the actual food quantity needed by all diners, as well as encouraging all diners to finish their meals. The guarantee deposit will be fully refunded if all the food is eaten up. Conversely, in the event of food waste, performance assessments will be triggered, holding diners, catering service staff, and kitchen personnel jointly accountable based on the severity of the waste.
- To cultivate a pervasive culture of thrift, slogans for the campaign are prominently posted in dining areas, and dedicated supervisors are arranged to conduct routine inspections.
- Muyuan also encourages stakeholders to actively participate in the campaign and jointly promote food conservation.
- In 2025, Muyuan's "Clean Plate Campaign" contributed to a reduction of approximately 39 grams of greenhouse gas emissions per meal.

Technology Sharing

Key agricultural technology promoted in 2025

The Company actively promotes the green development of the livestock industry. For two consecutive years, it has played a key role in major industry events, including the Livestock and Poultry Odor Pollution Mitigation Technology & Application Exchange Conference and the Conference on Green, Low-Carbon, and High-Quality Development of the Livestock Industry. Focusing on odor control, the Company shared its innovative application of precision environmental control and sterilization & deodorization technologies in ammonia and odor control with the industry, showcased its practical performance in improving air quality in farms, and communicated with industry peers on the experience of whole-process management in returning manure fertilizer to farmlands. Through these activities, the Company has provided replicable green development models that facilitate the livestock industry's low-carbon transition.

Muyuan's "Deodorization and Ammonia Control Technology for Exhaust Air from Enclosed Livestock and Poultry Houses" was highly recognized and introduced by the Ministry of Agriculture and Rural Affairs (MARA) and has become a primarily recommended agricultural technology. Pilot projects were carried out in four provincial-level administrative regions, including Henan, Hebei, Shandong, and Beijing, covering 142 large-scale livestock farms, where the upgrade and optimization of exhaust gas treatment facilities for farms and tail-gas treatment facilities for composting sites were implemented. Through these efforts, it is expected to reduce ammonia emissions by 10,665 tonnes, meeting the targets set under the ammonia emissions reduction pilot projects, effectively improving air quality, and promoting green and high-quality development of animal husbandry.

Integration of Production and Research

Advancing green transformation and building R&D platforms jointly

The Company has established comprehensive platforms integrating technology research and development, pilot testing, demonstration, and application of research outcomes, including the Modern Agricultural Science and Technology Pilot Demonstration Base of the Ministry of Agriculture and Rural Affairs for Livestock and Poultry Farming, Resources and Environment (Neixiang County), as well as the Henan Provincial Engineering Research Center for Green and Low-Carbon Livestock and Poultry Farming. Based on these platforms, the Company addresses key technological challenges in the industry, promotes technology applications, and actively contributes to the green and low-carbon transformation of the livestock and poultry farming sector.

Development outcomes of eight bases applying the green and low-carbon crop-livestock cycle model

Combining local resource endowments and environmental characteristics, the Company has integrated its existing technologies for recycling and utilizing pig manure and explored optimal parameters for returning manure to farmland in different regions. These efforts aim to reduce manure treatment costs, minimize ammonia and carbon emissions during manure collection, treatment, and utilization, and enhance soil fertility.

In 2025, across eight experimental bases jointly established with the China National Animal Husbandry Service, Muyuan employed the static chamber method to elucidate the regulatory mechanisms of acidification and inhibitors on nitrogen loss and greenhouse gas emissions. Furthermore, it constructed an environmental factor-microbial interaction model. Results demonstrated that acidification treatments achieved nitrous oxide (N₂O) emission reductions of 14.1% for summer maize and 7.2% for winter wheat, while reducing ammonia (NH₃) volatilization by 42.6% and 51.3%, respectively.



GHG emission factor monitoring in collaboration with Westlake University

Muyuan collaborated with Westlake University to conduct monitoring on GHG emissions. Ningling Farm 28 was selected as a representative livestock farm for in-depth study. Based on the entire livestock production chain, covering livestock farming, manure collection, manure treatment, aerobic composting, anaerobic digestion, and the return of liquid fertilizer to farmland, systematic sampling, testing, and emissions accounting were conducted in three quarters. Multiple technical approaches were employed during the research, including long-term fixed-site monitoring, running observation, and on-site gas sampling using gas collection bags, to conduct comprehensive and accurate monitoring of GHG emissions at each stage, while also determining the specific emission factors associated with different emission sources. The study provides deeper insights into GHG emission characteristics in all processes, offering a sound basis for the development of greenhouse gas mitigation strategies in the livestock industry.

Methodology and standards development

• Industry standard development

The Company actively participates in the formulation of several environmental standards for the industry, including the *Manure Production and Characteristics of Livestock and Poultry*, to provide unified technical specifications for the industry and facilitate the green and standardized development of the livestock sector. By establishing precise parameters and technical requirements, the standards help reduce pollution from livestock manure, promote resource recycling and utilization, and support ecological protection. At the same time, they encourage enterprises to upgrade technologies and facilities, thereby advancing sustainable development and setting industry benchmarks.

• Development of methodology for voluntary GHG emission reduction projects

The Company participated in the development of two China Certified Emission Reduction (CCER) methodologies: biogas recovery from manure at large-scale pig farms and centralized treatment of agricultural waste. These methodologies provide the industry with scientific and practical standards for emissions accounting, enabling more accurate quantification of emission reduction outcomes and improving data credibility. They also guide enterprises in implementing standardized emission reduction practices, promote the green transformation of the livestock industry, and contribute to the healthy development of the carbon market while ensuring active response to climate change.

Focusing on national strategies and undertaking research projects

National Key Research and Development Program

Research and demonstration of whole-process ammonia mitigation and odor control technologies from livestock farming to manure treatment: Focusing on the critical challenges of ammonia and odor emissions across the entire process from livestock farming to manure management, the Company has employed systematic scientific experimentation and precision monitoring to completely elucidates ammonia and odor emission patterns across diverse livestock types and processing stages. These findings provide a solid scientific foundation for R&D breakthroughs in ammonia mitigation and odor control technologies, thereby accelerating the green and low-carbon transformation and development of the livestock industry.

Open Competition Mechanism Project for Integrated Agricultural Machinery R&D, Manufacturing, and Application in Henan Province

Ammonia reduction and odor control equipment for pig and chicken farms: This project aims to develop modular, high-efficiency, and low-resistance ammonia reduction and odor control equipment suitable for typical livestock and poultry housing environments, build standardized production lines, and create a replicable and scalable equipment manufacturing base. Such an innovative integrated "R&D – Production – Promotion – Application" model formed in Henan is expected to extend its impact nationwide, driving the green and high-quality development of the livestock industry.

Water Stewardship

Water resources are essential for sustaining ecosystem stability and protecting human health, acting as a cornerstone of the production and operations of the Company. Muyuan has established a full-lifecycle water resource control system, strengthening full-process monitoring and early warning from water intake to discharge. By dynamically mitigating risks related to water scarcity and quality fluctuations, the Company had no water stewardship incidents affecting production and operations during the reporting period, thereby solidifying the environmental safety baseline with strong operational resilience.

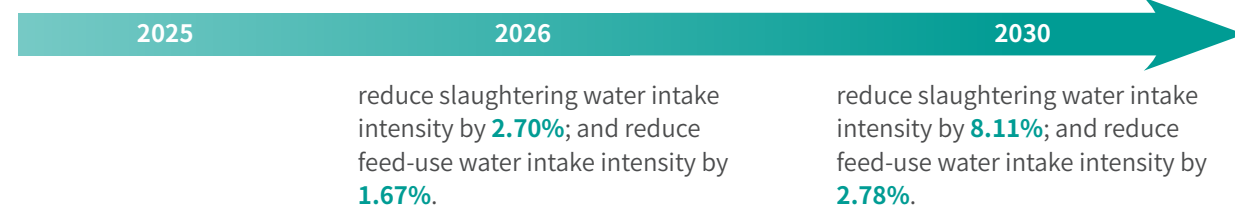
Based on its water stewardship strategies and practices, Muyuan successfully achieved the 2025 phased water-saving target, laying a solid foundation to achieve the 2030 long-term target in advance. In order to maintain strategic foresight and management momentum, it followed the dynamic adjustment mechanism of sustainable development goals. With 2025 as the new base year, it formulated phased and long-term water stewardship goals to continuously improve water utilization efficiency and promote sustainable water management.

Short- and medium-term water stewardship goals

Taking 2025 as the new base year, Muyuan has set water stewardship goals for all its operation places:

By 2026, reduce pig farming water intake intensity by **8.15%** and increase reclaimed water reuse volume by **3.1605** million m³;

By 2030, reduce pig farming water intake intensity by **18%** and increase reclaimed water reuse volume by **24.80** million m³;



Note: Muyuan's water intake intensity for pig farming was decreased from 25.06 m³ per tonne of product in 2024 to 22.41 m³ per tonne of product in 2025, a year-on-year decrease of 10.57%.

Governance Structure

The Sustainable Development Committee, established under the Board of Directors, oversees water stewardship. It deliberates on water usage status and related risks, evaluates the effectiveness of response measures, and regularly reviews water stewardship reports to ensure the effective implementation of various measures. Concurrently, under the overall leadership of the Chief Financial Officer (who is also acting the function of Chief Executive Officer) and other executives, the Company has established a special water stewardship group comprising the back-office technical teams and front-line management teams, each having clear responsibilities. This special group implements relevant measures to ensure the realization of water stewardship goals. Besides, the performance appraisal of management personnel is closely related to the implementation effect, ensuring effective implementation and continuous optimization of water stewardship measures.

Muyuan is committed to protecting water resources, reducing water consumption, and enhancing water recycling utilization efficiency. To this end, it has formulated regulations, including the *Standard Water Stewardship System for Farms*, the *Management System for Water Quality Sampling at Farms*, the *Measures for Water Conservation in Slaughterhouses*. Adhering to the three sustainable water commitments of "reducing waste, upgrading processes, and recycling", it has innovatively applied water-saving technologies, strengthened water usage monitoring, and promoted refined management of water intake and usage.

Assessment and Monitoring of Water Resources Risks

Water is a critical resource for the farming industry. We prioritize managing water consumption risks in regions facing severe scarcity and over-exploitation. Our goal is to balance production water demands with the needs of local communities, ensuring quality farming while safeguarding water rights of residents.

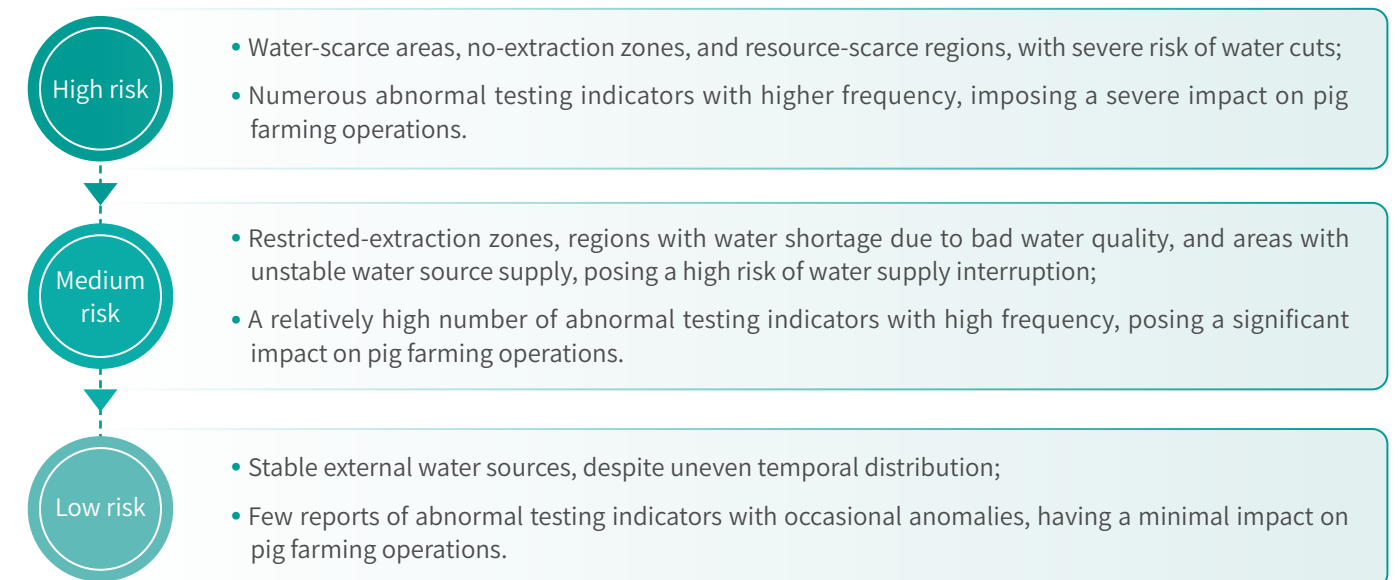
Water Resources Risk Assessment

Using the tool "Aqueduct Water Risk Atlas" developed by World Resources Institute (WRI), the Company has assessed water risks across all operational sites, including farms, feed mills, and slaughterhouses.

Analysis results indicate that 1.92% of the Company's operational sites are in areas with high water stress or above. For these sites, the Company have taken measures such as water conservation, standby water storage, and using alternative water sources to mitigate water risks and guarantee production. As of the end of 2025, the Company had no operational interruptions caused by water shortages.

Water conservation	Standby water storage	Alternative water sources
We have installed smart metering equipment in areas featuring high-risk and above to strengthen management, promoted the use of water-saving appliances to save water from the source, and improved water utilization efficiency.	In sites with seasonal water shortages, we have increased the capacity of reservoirs to prevent supply disruptions caused by natural disasters such as droughts.	We have promoted reclaimed water reuse technologies. In farms, we substitute freshwater with recycled manure wastewater (after purification treatment) in operations such as pen cleaning and deodorization. In slaughterhouses, we substitute freshwater with properly treated wastewater in operations such as vehicle cleaning and disinfection and lairage pen cleaning. The total amount of reused water reached 4.5183 million m ³ .

2025 water risk assessment results



In 2025, the total water consumption for high-risk events was 6.1144 million m³, including 1.8655 million m³ of freshwater and 226.9 thousand m³ of recycled water.

Water Resources Risk Monitoring

The Company attaches great importance to water usage monitoring to ensure that operations in all regions do not compromise the water needs of local communities. To track water usage changes across various processes and supply facilities, it has installed smart metering equipment at farms. It has also conducted tiered and categorized monitoring of water consumption by unit and farming stage, implementing online monitoring, analysis, ranking, and early warning systems for daily water usage. This provides reliable data support for sound decision-making.

Via the Muyuan IoT platform, the Company has achieved digital management of water resources. The platform integrates multiple intelligent modules, including environmental control, feeding, inspection, biosafety, power management, veterinary services, and water stewardship. It supports the interconnection of data across feeding, environmental control, inspection, grain sterilization, water, and power systems. Besides, it enables real-time tracking and early warning of water consumption, pollution generation, and water reuse volumes, continuously reducing water usage intensity.

Testing Type	Monitoring Item	Monitoring Frequency
Routine testing	Colony count, total coliforms, E. coli count, turbidity, visible matter, odor, pH	Twice a month
Annual testing	Total bacterial count, total coliforms, pH, total hardness, odor, visible matter, chromaticity, turbidity, aluminum, permanganate index, total dissolved solids, hexavalent chromium, chloride, fluoride, sulfate, nitrate nitrogen, iron, manganese, copper, zinc, lead, cadmium, mercury, arsenic, potassium, sodium, ammonia nitrogen, selenium	Once a year
Anomaly testing		Newly commissioned water wells, sudden water quality changes, or other abnormal conditions

Ensuring Sustainable Water Use

The Company strictly complies with laws and regulations of the places where its production and operations are located. Currently, all water intake at its sites is compliant, secured through Groundwater Extraction Permits. It reports annual water intake volumes to local water resources bureau for assessment to mitigate water intake risks and minimize environmental impact. The Company has established the *Water Quality Standards for Pig Farming of Muyuan Foods Co., Ltd.* and conducted regular water quality testing & analysis based on that. In cases of non-compliance, it will investigate causes and take corrective actions in accordance with the *Guidelines for Identifying Common Water Quality Abnormalities*.

The Company's water sources comprise groundwater, surface water, and tap water. Farm sites are selected with priorities given to areas with abundant and high-quality water sources that are easily accessible. Meanwhile, the Company aligns farming scales and water usage standards with local water conditions in a reasonable manner. To ensure drinking water safety for pigs and reduce water usage risks, the Company has independently developed water source disinfection equipment, regularly monitors water volume and quality, creates regional water quality maps, and conducts categorized management.

Water Recycling

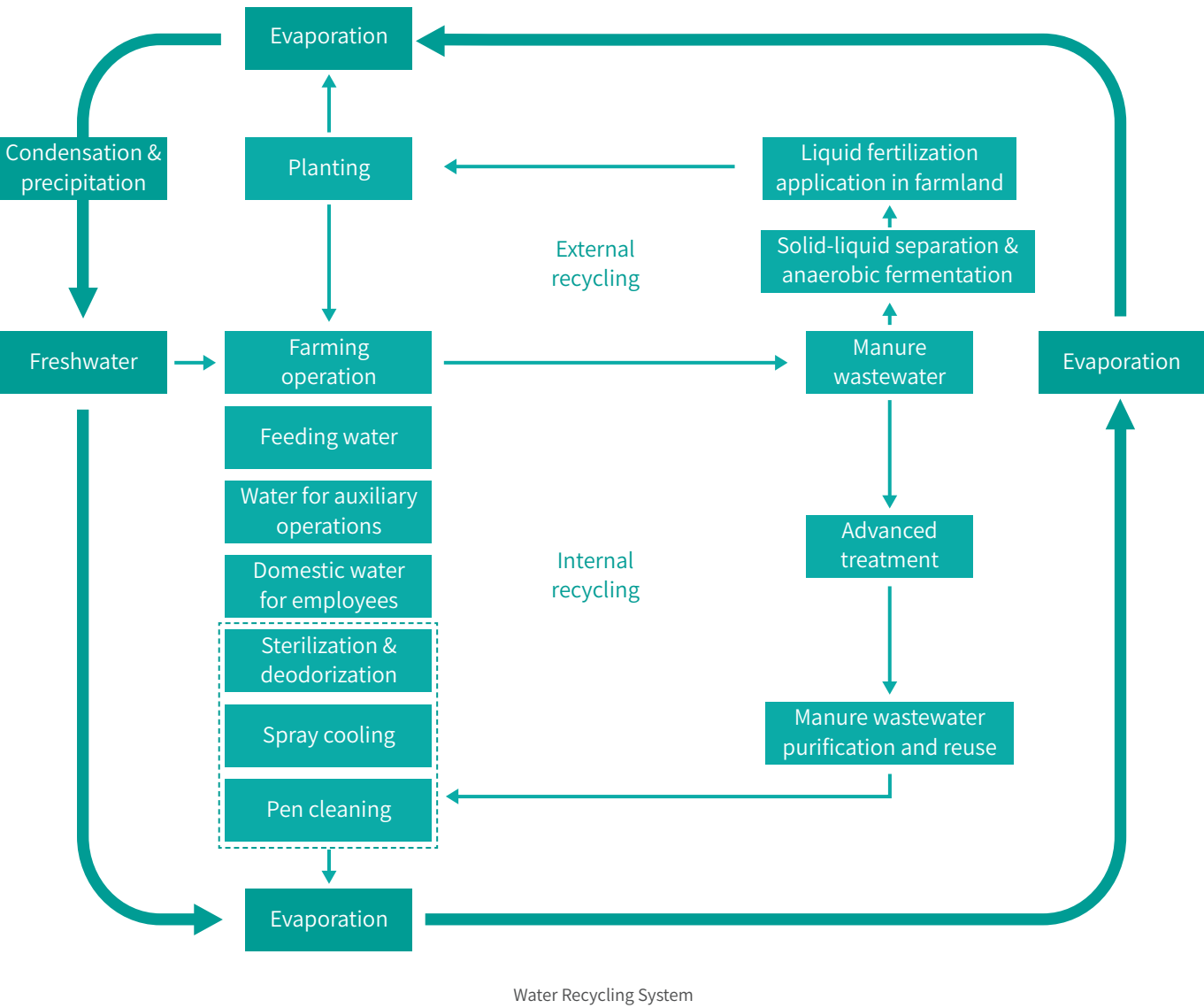
Muyuan carries out water resources management across the value chain with a core focus on water footprint accounting. It has continuously optimized water management and strengthened internal controls. By applying intelligent equipment, it has effectively improved water utilization efficiency, reduced freshwater waste, and built a solid foundation of water resource for our sustainable development.

In 2025

Muyuan helped farmers save

159.615 million m³ of agricultural irrigation water by applying liquid fertilizer

Muyuan promotes water recycling within its business chain. Through the independently developed technology of purifying and reusing manure wastewater, 119 farms are using treated wastewater within their internal farming systems for cleaning, disinfection, and deodorization. Furthermore, all manure wastewater generated by farms undergoes solid-liquid separation and anaerobic fermentation and is then converted into liquid fertilizer. The liquid fertilizer is returned to farmland near Muyuan farms, providing not only a substitute for chemical fertilizers but also drought resilience, achieving 100% resource utilization. In 2025, Muyuan helped farmers save 159.6150 million m³ of agricultural irrigation water by applying liquid fertilizer.



Innovation in Water-saving Technologies

Based on climate change scenario analysis, Muyuan predicts that global warming may lead to more frequent extreme weather events between 2080 and 2100, exacerbating water risks and reducing water accessibility. Consequently, it actively invests in the R&D of new water-saving technologies and optimizes management processes to continuously improve water use efficiency so that a guaranteed support would be provided for high-quality pork supply in the face of uncertainty.

Category	Specific Actions and Effectiveness
Liquid fertilizer application technology	The Company adopted an innovative model of targeted liquid fertilizer processing plus efficient and precise application in farmlans: The processing standards and application plan for liquid fertilizer are determined based on the demands of soil and crop in different regions and characteristics of liquid fertilizer application technologies. Fertilizer application methods such as drip irrigation, standing impact-driven irrigation, ground-mounted spraying, and dual-hole micro-sprinkler irrigation were innovatively applied. 159.62 million m ³ of liquid fertilizer were produced and applied.
Reclaimed water reuse technology	During the farming process, the Company has developed and applied technologies include manure wastewater purification, wash & disinfection water reclamation, and rainwater utilization to reduce freshwater consumption. By the end of 2025, the manure wastewater purification process had been applied at 119 farms. In 2025, the use volume of reclaimed water reached 3.23 million m³. The Company also actively uses reclaimed water in the slaughtering process. In 2025, total water intake for slaughtering was 10.47 million m³, with 1.29 million m³ of reclaimed water used, achieving a reuse rate of 10.70%. This significantly reduced water usage intensity in the production process.
Water saving of drinking water system	The Company resolved 901.1 thousand equipment faults in drinking systems for pig herds and 142.2 thousand alerts for abnormal drinking water consumption. Drinking water consumption per head of pig decreased by 0.16 m ³ .
Water saving of sprinkler system	Through dedicated management of spray nozzles in empty pens, 294 thousand m ³ of water were saved. The Company explored the establishment of standards for spray water usage demand of pig herds, reducing spray water consumption per head by 0.03 m ³ .
Water saving of deodorization system	The Company repaired and retrofitted 4.7 thousand leaking water troughs of deodorization walls. It also identified and resolved 3 thousand water waste points through inspections. As a result, deodorization water consumption per head decreased by 0.25 m ³ .
Water saving of pen cleaning system	The Company installed 31.8 thousand float valves for water replenishment outside pens and water-saving variable-diameter nozzles. The number of alerts for prolonged spraying and unauthorized fire hydrant usage was decreased from 164.2 thousand to 47.2 thousand. The pen cleaning water consumption per head decreased by 0.33 m ³ .
Water saving of auxiliary system	The Company deployed 37.1 thousand standardized smart shower rooms, and inspected and repaired 3.4 thousand leakage and spillage points in site-wide water supply networks. The water consumption of auxiliary systems per head decreased by 0.03 m ³ .
Technology of minimum tillage for water retention	The Company promoted methods such as "subsoiling instead of plowing", "rotary tillage instead of plowing", "intercropping with high-stubble retention and no tillage", and "stubble-retained and no-tillage direct seeding". These practices enhanced the water storage and moisture retention capabilities of soil while reducing water loss.

Water Quality Protection Measures

To ensure water safety for pig herds, the Company has adopted an integrated, fully intelligent self-regulating purification system. This comprehensive solution combines water source protection, ultrafiltration purification, precision disinfection, real-time testing, and intelligent adjustment, utilizing real-time monitoring and early warning systems to guarantee water safety for pigs.

Water source protection scheme

Before well construction, on-site surveys must be conducted. Wells shall not be located in low-lying areas of the farm to prevent the backflow of accumulated surface water. Clear standards are defined for the construction of secondary well pipes and derrick wells at new farms to protect water sources.

01

Ultrafiltration purification scheme

Water is purified to meet standards through a combination of pretreatment and advanced treatment.

02

Precision disinfection + real-time testing + intelligent adjustment

A closed-loop chlorine dosing control mode is adopted to ensure the quality of drinking water for pigs.

03

Water Management for Upstream and Downstream Suppliers

The Company pays attention to water stewardship in the supply chain. It has set water-saving goals for the supply chain, assists suppliers in implementing water-saving management, and drives key suppliers to improve water efficiency. In 2026, Muyuan plans to drive a water consumption reduction of 40.23% by pig house cleaning suppliers and a reduction of 69.90% by agricultural raw material suppliers.

Supplier admission and dynamic assessment

The Company has established water stewardship admission standards for suppliers, incorporating water-saving management and freshwater consumption as core indicators for qualification audits. Specialized assessments are conducted annually. If a supplier's water usage is found non-compliant with standards, a rectification interview will be initiated. Suppliers failing to meet rectification requirements will have their qualification revoked.

Full-chain water risk control

The Company has developed dedicated water resource risk indexes for supply chain comprising three core dimensions, namely, water intake intensity, wastewater discharge compliance, and regional water stress. All suppliers are subject to risk rating based on these indexes. For suppliers with high risk, in-depth environmental investigations are conducted, focusing on verifying water intake management in water-scarce areas, water usage monitoring systems, pollution prevention measures, and relevant policy objectives. Risk registers are established to promote closed-loop rectification.

Supplier empowerment and capacity building

The Company has regularly held water stewardship training sessions for suppliers, including 540 water-saving training sessions for pig house cleaning suppliers, which reduced water consumption for pig house cleaning by 29.58 million m³. For suppliers of core products such as agricultural raw materials and feed, standards for water-saving agriculture, technologies of water recycling, and other contents were explained. It also promoted drip irrigation, which has covered a total farmland area of 250 thousand mu, achieving a water consumption reduction of 55.92m³ per mu (approximately 838.38 m³ per hectare) and a total freshwater consumption reduction of 13.98 million m³.

Harmless treatment of deceased animals and disease prevention

Deceased pigs are subject to centralized collection, enclosed transportation, and harmless treatment. The process is equipped with a video monitoring system to ensure that collection, transportation, and treatment are standardized, controllable, and fully traceable, blocking disease transmission pathways.

Resource utilization of waste

Muyuan actively promotes the harmless treatment of farming manure and facilitates the waste utilization to foster the development of circular agriculture.

Environmental monitoring and continuous improvement

An environmental monitoring system covering water, air, and soil is established. Regular self-monitoring is conducted, and environmental management measures are continuously optimized based on monitoring results to strengthen risk management and control.

Muyuan has adopted specific disposal methods and supervision principles for wastewater, waste gas, and solid waste generated across different processes.

Waste Category	Source	Disposal Method	Supervision Principle
Wastewater	Livestock effluent	Animal urine, feces, and washing wastewater generated during livestock breeding	Land application/reclaimed water reuse
	Domestic wastewater	Domestic wastewater from offices, canteens and other places	
	Slaughtering wastewater	Slaughtering and processing processes	Discharge into the municipal pipe networks or compliant discharge
			Livestock effluent and domestic wastewater are collectively conveyed to the environmental protection zone, where they undergo "solid-liquid separation - anaerobic fermentation" to produce liquid fertilizer. During fertilizing seasons, it is applied to surrounding farmland. Some farms further treat it via "aeration - advanced treatment" for reuse in deodorization walls and cleaning, achieving 100% resource utilization. • <i>Discharge Standard of Pollutants for Livestock and Poultry Breeding</i> (GB 18596-2001) • <i>Technical Specification for Land Application of Livestock and Poultry Manure Fertilizer</i> (GB/T 25246-2025), and • <i>National Standard for Irrigation Water Quality</i> (GB 5084-2005) Slaughtering wastewater is centrally collected via sewage pipe networks to sewage treatment systems, and treated through processes including "grid + oil separator + regulating tank + dissolved air flotation unit + hydrolysis acidification + multi-stage AO + secondary sedimentation tank + high-density sedimentation tank + disinfection tank" before discharge into municipal pipe networks or compliant discharge. • Agreements and standards for sewage treatment plants, and • <i>Discharge Standard of Water Pollutants for Slaughtering and Meat Processing Industry</i> (GB 13457-2025)

Waste Gas	Odor	Odor from breeding, manure collection/treatment, and lairages	Sterilization and deodorization system	The Company has innovatively applied air filtration systems in pig houses. Waste gas passes through deodorization walls for sterilization, achieving an odor removal rate of over 99% (Grade 0 odor), ensuring no disturbance to the public.	• <i>Emission Standards for Odor Pollutants</i> (GB 14554-93) • <i>Discharge Standard of Pollutants for Livestock and Poultry Breeding Industry</i> (GB18596-2001) • <i>Integrated Emission Standards of Air Pollutants</i> (GB16297-1996), and • <i>Emission Standard of Air Pollutants for boiler</i> (GB 13271-2014)
	Boiler exhaust gas	Natural gas combustion	Ultra-low nitrogen combustion technology	Steam generators utilizing "ultra-low nitrogen combustion technology" are used in the equipment to ensure that boiler exhaust gas meets national and local <i>Emission Standards for Air Pollutants for Boilers</i> .	
	Biogas	Crude biogas from anaerobic fermentation of manure	Biogas utilization	Used for heating, purification and power generation for feed mills and harmless treatment plants after desulfurization and dehydration, with surplus biogas combusted.	
	Feed dust	Feed dust from feed processing and production	Compliant discharge and resource utilization	Treated by dust removers for compliant discharge, while feed particles and dust are intercepted and recycled for feed production.	• <i>Integrated Emission Standards of Air Pollutants</i> (GB 16297-1996)
Solid Wastes	General solid waste	Pig hair, hoof husks	Resource utilization	Pre-treated by squeezing machines and sold externally for protein feed production.	• <i>Standard for Pollution Control on the Non-hazardous Industrial Solid Waste Storage and Landfill</i> (GB 18599-2020)
	Gastrointestinal contents	Gastrointestinal contents from white offal processing	Resource utilization	Dewatered by squeezing and sold externally for organic fertilizer production.	• <i>Discharge Standard of Pollutants for Livestock and Poultry Breeding</i> (GB 18596-2001)
	Solid manure	Solid feces from solid-liquid separation	Resource utilization	Composted on site and transported for organic fertilizer production for the planting of fruit & vegetables, achieving resource fertilization and zero discharge.	• <i>Technical Specifications for Pollution Prevention and Control in Livestock and Poultry Breeding Industry</i> (HJ/T 81-2001)
	Excess sludge	Excess sludge from wastewater treatment	Resource utilization	Dewatered by filter pressing and sold externally for nutrient soil, green fertilizer, or vermiculture.	• <i>Technical Specification for Harmless Treatment of Diseased and Dead Animals, Standard for Pollution Control on Hazardous Waste Storage</i> (GB 18597-2023), and
	Medical waste	Collection and disposal for infectious disease prevention and control	Entrusted treatment	Entrusted to qualified third-party companies for disposal.	• <i>Technical Specifications for Harmless Treatment of Livestock and Poultry Manure</i> (GB/T 36195-2018)

Biodiversity and Land Use

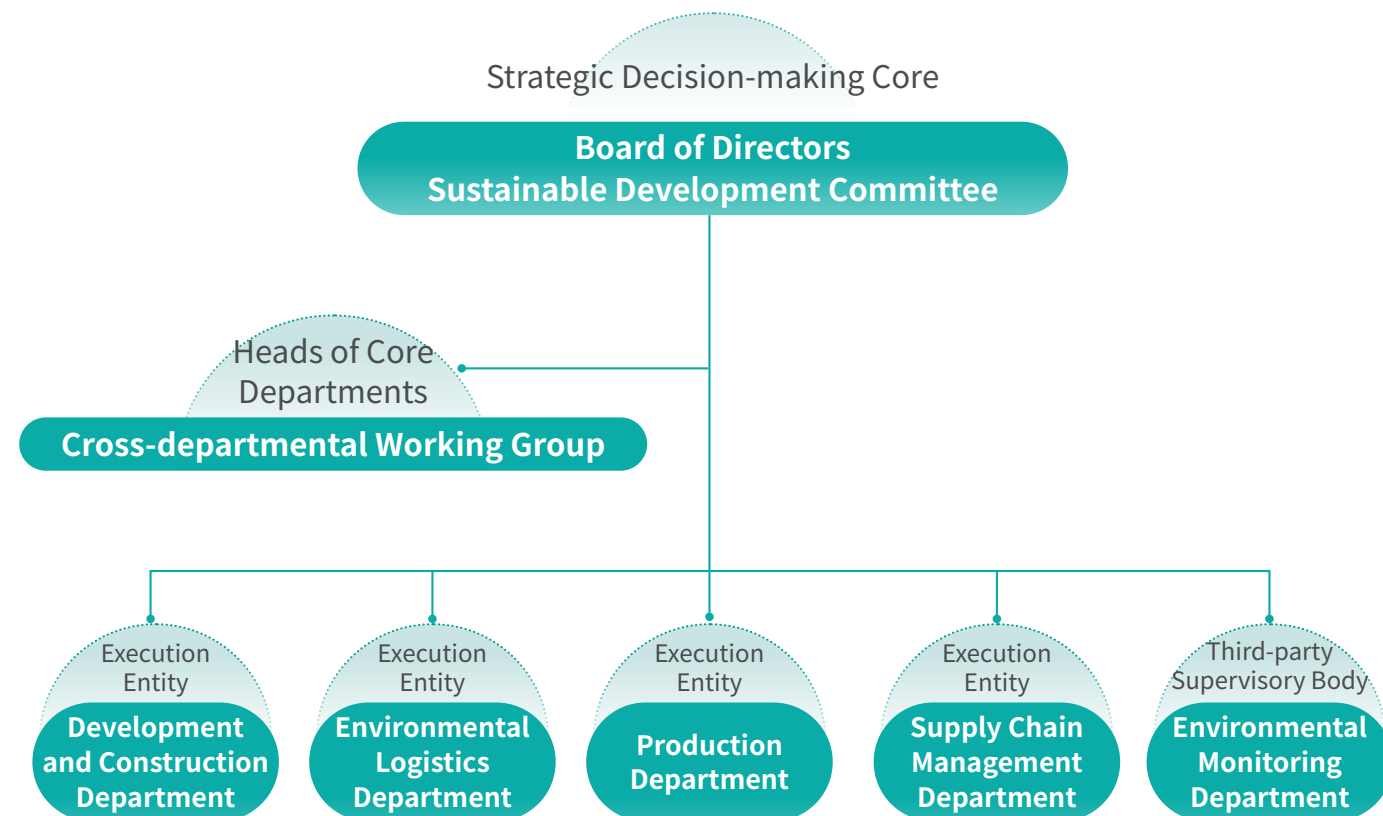
To mitigate the ecological impact of farming activities and protect biodiversity (including endangered species), Muyuan has established a biodiversity risk management mechanism on the basis of the framework of governance, strategy, risk and impact management, and metrics and targets using the Locate, Evaluate, Assess and Prepare (LEAP) approach for risk and opportunity assessment in accordance with the *Taskforce on Nature-related Financial Disclosures* (TNFD) recommendations, ensuring ecological conservation requirements are integrated throughout the production process.

In 2025, Muyuan recorded no incidents of biodiversity damage and incurred no fines related to land use.

Governance and Commitment

Governance Structure

The Company has established a Sustainable Development Committee to be responsible for decisions on nature-related strategies, long-term goals, and major resource allocation. A cross-departmental working group composed of heads of core departments formulates specific action plans and monitors goal progress to ensure effective implementation of decisions. Four executive departments, namely, Development and Construction Department, Environmental Logistics Department, Production Department, and Supply Chain Management Department, implement all action plans. The Environmental Monitoring Department oversees and evaluates final performance outcomes, reporting directly to the Sustainable Development Committee.



Biodiversity Commitment

Muyuan proactively reduces the negative impact of its production and operations on biodiversity. It implements ecological conservation measures according to the mitigation hierarchy of "Avoid, Minimize, Restore, and Offset" to minimize the negative ecological impacts of operational activities, while implementing ecological restoration efforts to safeguard biodiversity and maintain ecological balance.

The Company undertakes not to conduct production or operations in World Heritage Sites or any areas where development is prohibited under ecological red lines, and respects all international protected areas, including Category Ia, Ib, II, III, IV, V and VI protected areas as defined by the International Union for Conservation of Nature (IUCN).

The Company will identify and quantify the impacts and dependencies of production activities at all operational sites on local and surrounding biodiversity, and conduct assessments where feasible;

In terms of internal management plans, the Company will establish a biodiversity protection policy covering new energy development, water resource management, sustainable procurement practices, and environmentally friendly management of the supply chain;

The Company will integrate biodiversity conservation into all decision-making and business processes, ensuring full consideration of biodiversity impacts during its development;

The Company will take necessary measures to protect biodiversity, striving to minimize adverse effects on natural ecosystems.

The Company will organize biodiversity conservation training and awareness-raising activities for all personnel across the value chain and external stakeholders, aiming to enhance the awareness and importance of biodiversity conservation throughout the value chain;

The Company will share its progress and experience in biodiversity conservation to assist other organizations and communities in improving their biodiversity conservation capabilities.



Biodiversity Conservation Strategy

Muyuan has clearly stipulated that the Company shall avoid damaging the ecological environment during production and operations, and shall minimize impacts on wildlife habitats. Through regular environmental reviews and analyses, the Company ensures that all business activities comply with national and international environmental protection standards. It aims to maintain zero biodiversity damage incidents by 2026.

Impact, Risk and Opportunity Management

Impact, Risk and Opportunity Identification

During the site selection phase prior to project initiation, Muyuan conducts comprehensive ecological surveys of potential project sites, focusing on identifying areas with high biodiversity value. By identifying key ecological nodes and corridors, the Company incorporates them into land use planning and adopts retention and conservation measures to ensure minimal environmental impact from project construction.

Located away from the primary and secondary protected areas of drinking water sources

At least 500 m away from nature reserves

At least 500 m away from areas designated under ecological conservation redlines

At least 500 m away from scenic areas

Manure storage site shall be at least 400 m away from various types of functional surface water bodies

Located away from protected areas of cultural relics and historic sites and their construction control zones

The Company employs the Biodiversity Impact Assessment (BIA) tool to investigate and identify the number of affected species (including endangered categories in the IUCN Red List, RCB endangered categories, and species protected under the *Wildlife Conservation Law of the People's Republic of China*) and the number of affected protected areas (including nature reserves, natural parks, international important wetlands, world natural heritage sites, and national parks) within a radius of 10 km from all its operational sites, including farms, feed mills, and slaughterhouses, providing foundational support for identifying and managing nature-related risks and impacts.

Impact, Risk and Opportunity Assessment

The Company analyzes short-term, medium-term, and long-term nature-related risk and opportunity categories, making adjustments and allocating resources from business, strategic, and financial perspectives to ensure effective management of nature-related risks for long-term steady business development.



The Company utilized the ENCORE database to assess the impact and dependence of business activities on nature, and prioritized identified nature-related impacts, risks, and opportunities based on the materiality analysis criteria of the *Natural Capital Protocol of Capitals Coalition*, clarifying which risks have the most direct and significant impacts on business operations, strategic planning, and financial performance.



The Company also developed a biodiversity risk transmission model by incorporating the actualities of upstream and downstream enterprises across the supply chain, simulating the stability and resilience changes of the supply chain under different risk scenarios, thereby providing a scientific basis for formulating targeted risk mitigation measures.

The Company has developed a biodiversity management plan. During project operations, regular biodiversity impact assessments and risk assessments are conducted to comprehensively identify potential risk points. Environmental indicators such as air, water, and soil are monitored in real time to promptly capture environmental changes. Based on monitoring results, targeted protection measures and mitigation plans are formulated to ensure that project operations do not adversely affect the surrounding ecological environment, thereby effectively protecting nearby endangered species and maintaining ecosystem stability.

Monitoring Object	Monitoring Indicators	Monitoring Frequency	Monitoring Coverage
Soil	pH, electrical conductivity, organic matter, total nitrogen, alkali-hydrolyzable nitrogen, available phosphorus, readily available potassium, cation exchange capacity, copper, zinc, lead, nickel, chromium, cadmium, mercury, arsenic	Twice a year, in June and September	100% full coverage of all operational sites (farms, feed mills, slaughterhouses)
Groundwater	pH, electrical conductivity, ammonia nitrogen, total hardness, sodium ion, nitrate (as N), nitrite (as N), sulfate, chloride, permanganate index, copper, zinc	Twice a year, in June and September	100% full coverage of all operational sites (farms, feed mills, slaughterhouses)
Surface Water	pH, COD, ammonia nitrogen, total phosphorus, potassium ion, total nitrogen	1–4 times a year	Sampling based on the distribution of surface rivers Full coverage of all rivers within a 20-kilometer radius of the site
Agricultural Products	Ash content, bulk density, nitrogen, phosphorus, potassium, sodium, chlorine, copper, zinc, lead, nickel, chromium, cadmium, mercury, arsenic	1–2 times a year	Random sampling

Impact, Risk and Opportunity Management

Germplasm resource conservation

Muyuan actively promotes the conservation of breeding resources and gets deeply involved in the conservation of Nanyang Black Pig, a local characteristic breed included in the National Catalog of Livestock and Poultry Genetic Resources. The Company increases scientific research investment by collaborating with research institutions to conduct hybrid breeding trials, enhancing conservation efficiency. By the end of 2025, the inventory of Nanyang Black Pig had reached 4,410.

By the end of 2025,
the inventory of Nanyang Black Pig had reached

4,410 heads

Desert ecosystem improvement

As part of its efforts to support the United Nations *Convention on Biological Diversity* and respond to the *China National Biodiversity Conservation Strategy and Action Plan* (2023–2030) issued by the Chinese government, Muyuan collaborates with local governments and research institutions in operating regions to implement soil improvement, terrestrial vegetation restoration, and biodiversity conservation projects. The Company partners with non-profit organizations to scientifically treat farming wastewater as organic matter and nutrients for soil and explore soil improvement and management models, advancing desert control through organic fertilizer application to fields. By the end of 2025, the Company had participated in desert control across 92,000 mu, contributing to building a beautiful China.



Before the construction of Naiman Muyuan Farm 5



After the construction of Naiman Muyuan Farm 5

By the end of 2025,

the Company had participated in desert control across

92 thousand mu

Saline-alkali land improvement

Muyuan collaborated with the Rice Research Institute of Jilin Academy of Agricultural Sciences to advance saline-alkali land improvement in western Jilin, jointly establishing the Da'an Demonstration Park. By the end of 2025, a cumulative total of 318.2 thousand mu of saline-alkali land had been improved. The yield per mu increased from 400 *jin* (200kg) to 972 *jin*(486kg) , soil pH decreased from 10.03 to 8.5, and organic matter content rose by 68%, indicating a significant improvement in soil fertility. Technical training was also conducted in the project, enabling surrounding farmers to improve over 11,000 mu (733.33 ha) of saline-alkali land, creating a model of "increasing grain production through soil conservation and technology". Besides, Muyuan partnered with the National Animal Husbandry Service and the Institute of Environment and Sustainable Development in Agriculture, CAAS to establish eight green and low-carbon crop-livestock integration bases.

Saline-alkali land improvement

318.2 thousand mu

Organic matter content rose by

68%

CAAS to establish

8 green and low-carbon crop-livestock integration bases



Before saline-alkali land improvement at Da'an Muyuan Farm 1



After saline-alkali land improvement at Da'an Muyuan Farm 1

Land ecological restoration and soil fertility enhancement roadmap (2023-2030)

Key Indicator	Baseline Year (2023)	Mid-term Target (2027)	Long-term Target (2030)	Target Setting Rationale
Cumulative area of improved saline-alkali land (10,000 mu)	22.95	32.5	33	Calculated based on expansion pace of farming layout in saline-alkali regions of Northeast China and Eastern Inner Mongolia
Cumulative area of improved desertified land (10,000 mu)	8.82	9.5	10	Based on the promotion plan for the crop-livestock integration model in Western Inner Mongolia and Northwest regions
Soil organic matter improvement (vs. baseline year)	/	3%	6%	Elevate organic matter in barren land to medium level through continuous liquid fertilizer application to fields for over 5 years
Coverage	Owned land, Leased land, Managed land			
Progress made in 2025	Relying on the crop-livestock integration model, 100% of the breeding wastewater is recycled for farmland application. Targeted improvement and soil fertility restoration have been carried out on saline-alkali land and desertified land surrounding the farms. By the end of 2025, a total of 410.2 thousand mu of land had been improved, including 318.2 thousand mu of saline-alkali land and 92 thousand mu of desertified land.			
Exclusion statement	All above targets are based on physical field application and soil improvement measures, excluding any form of carbon credit offsets or off-site purchased environmental rights.			

03

Social Responsibility

- Food Safety 91
- Innovation and Development 105
- Great Workplace 110
- Sustainable Supply Chain 126
- Rural Revitalization 132

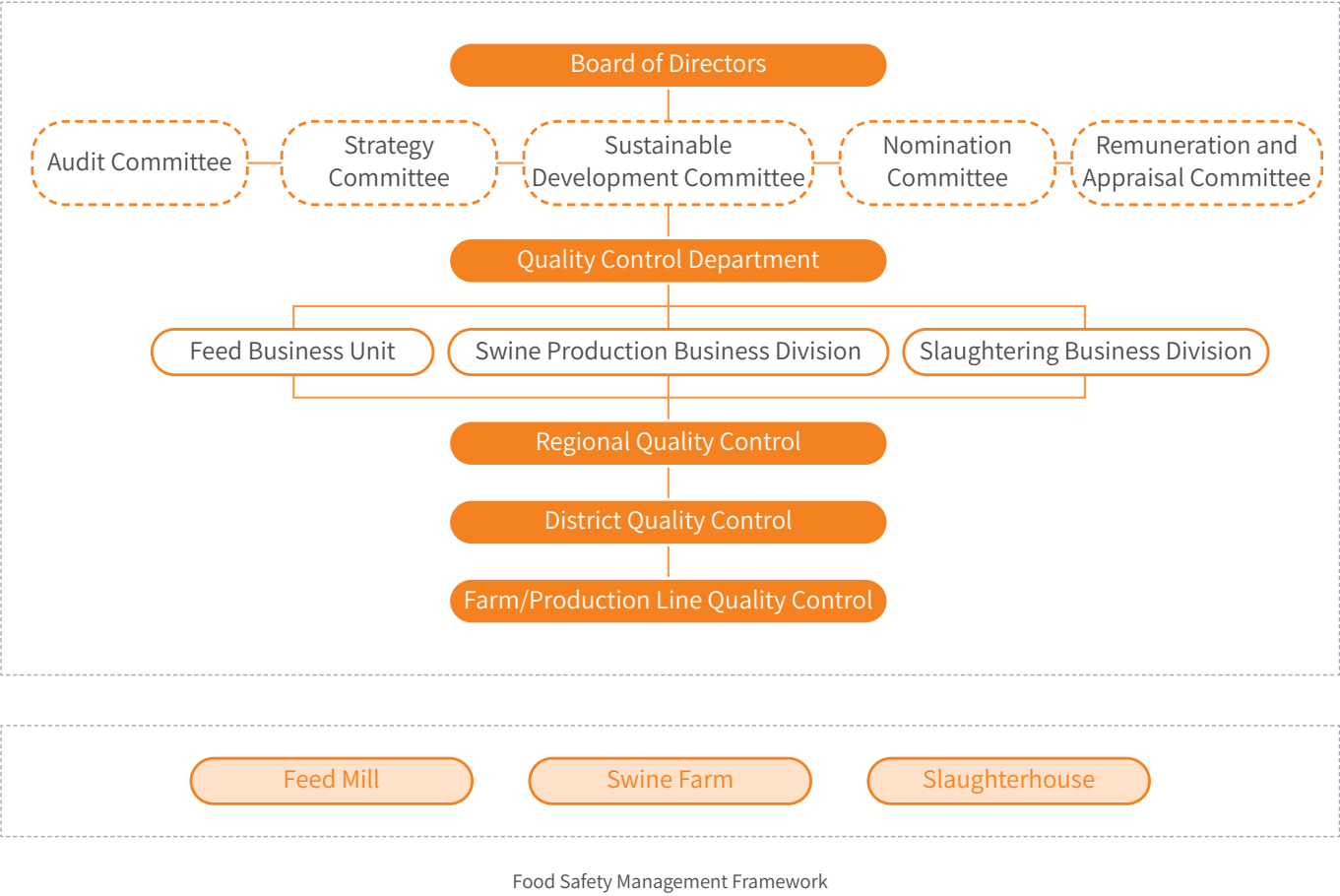
The SDGs addressed in this chapter



Food Safety

Food safety governance

The Quality Control Department is responsible for coordinating and managing the Company's overall food safety work, reporting directly to the Board of Directors; The Feed Business Unit, Swine Production Business Division, and Slaughter Business Division work in close collaboration to implement end-to-end food safety and quality management. The Company ensures an orderly advancement of its business by clearly defining the responsibilities of each department. Food safety and quality management responsibilities are fulfilled through a three-tier operational structure: Regions, Districts, and Farms/ Production Lines.



Food safety strategy

Muyuan regards food safety as its lifeline and identifies it as the most material topic for protecting consumer health and upholding brand value. Leveraging its fully integrated industry chain control model, the Company systematically assesses the impacts of food safety, antibiotic reduction and elimination, and product traceability across all business nodes. By accurately analyzing compliance pressures throughout the value chain and emerging opportunities driven by evolving consumer demand, Muyuan continuously enhances its food safety risk management system and embeds high-standard quality management principles into daily operations to consistently deliver high-quality products and services. The Company empowers collaborative development across the industry, laying a solid foundation for high-quality sectoral growth.

Type	Description	Timeframe
Impact	High-standard meat products have been produced to safeguard public dining safety under end-to-end quality control.	Short, medium, and long term
Impact	Innovative antibiotic reduction solutions can effectively control antimicrobial resistance risks, safeguarding public health and ecological security.	Short, medium, and long term
Opportunity	Establishing traceability systems, obtaining quality certifications, and building safe and premium brands can secure pricing advantages and enhance profit margins.	Short, medium, and long term
Opportunity	Meeting international and high-end customers' certification requirements for quality, animal welfare, and sustainable production can expand high value-added channels, stabilize orders, and optimize customer structure.	Medium and long term
Risk	Food safety or biosecurity incidents could result in product recalls, animal culling, regulatory fines, and compensation claims, leading to direct financial losses.	Short term
Risk	Negative quality or safety incidents can damage the brand, leading to customer attrition, loss of market share, and diminished pricing power-ultimately undermining sales performance and profitability.	Medium and long term

Impacts, risks, and opportunities

Muyuan integrates food safety into its enterprise-wide risk management system, systematically assessing its impacts on public health, business resilience, and brand value. The Company continuously enhances its end-to-end control capabilities to safeguard product quality and safety, thereby supporting its long-term sustainable development.

Food safety identification and analysis

Aligning with China's national food safety strategy, evolving industry regulatory requirements, and the Company's fully integrated industrial chain model, Muyuan systematically identifies potential impacts and risks across key operational segments - including feed procurement, farming management, disease prevention and control, slaughter and processing, and logistics. The Company places particular emphasis on compliance pressures stemming from disease outbreaks, biosecurity, raw material quality variability, and increasingly stringent regulations. At the same time, the Company also focuses on the positive impact of its digital-intelligent traceability system on brand trust and market competitiveness.

Food safety assessment and quantification

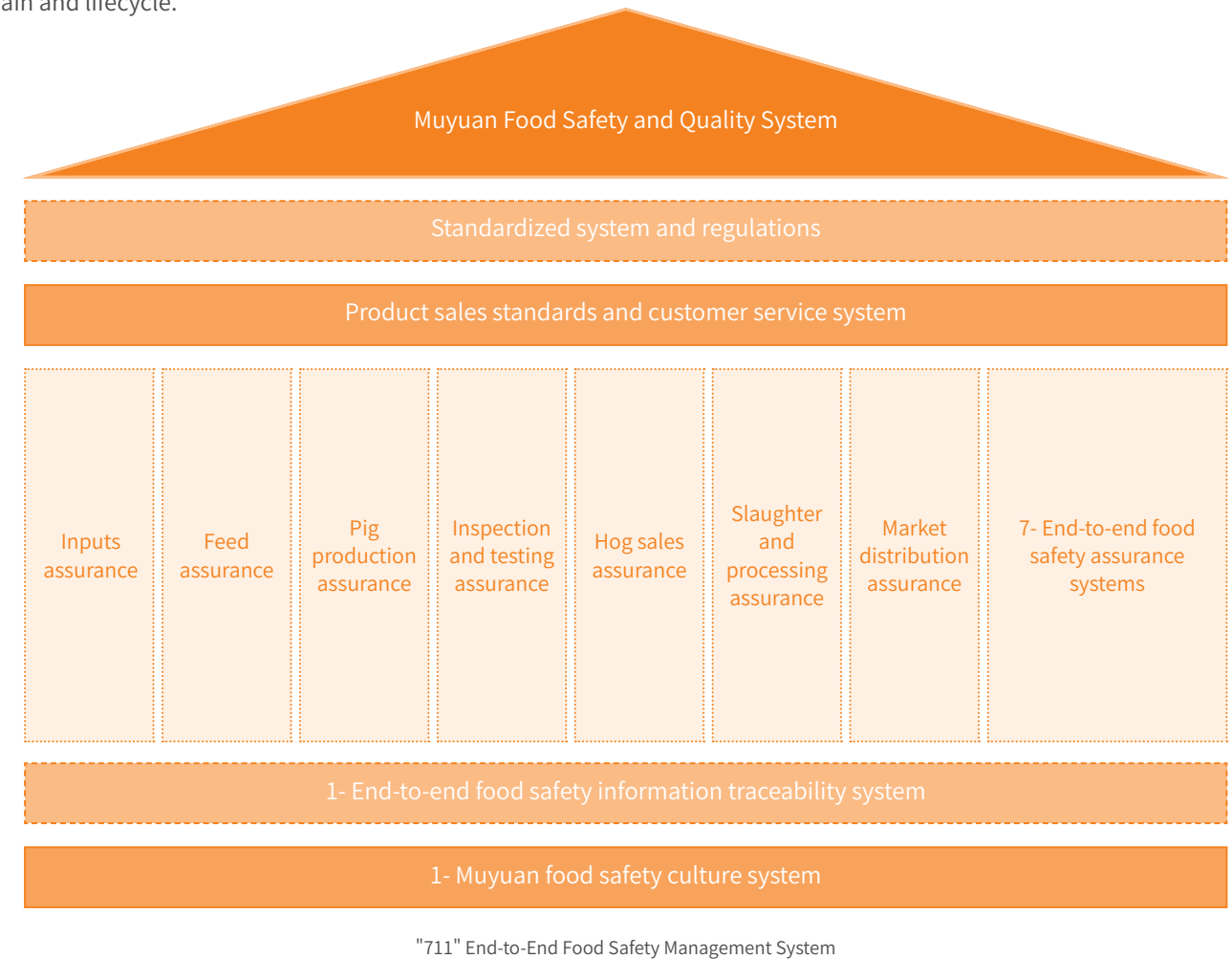
The Company has established a food safety risk classification and assessment mechanism to analyze the likelihood and impact severity of potential risks. We prioritize evaluating the effects of quality and safety incidents, supply chain volatility, and compliance risks on financial performance, brand reputation, and operational resilience, thereby informing resource allocation and strategic decision-making.

Food safety management system

Muyuan strictly complies with relevant laws and regulations such as the *Food Safety Law of the People's Republic of China* and the *Law of the People's Republic of China on the Quality and Safety of Agricultural Products*. The Company has established a full-industry-chain management system that meets standards higher than the industry average. By formulating a series of regulations, including the *Muyuan Food Safety Supervision and Management Policy*, Muyuan ensures

that every process and node operates under strict institutional constraints. Through this, the Company continuously improves and enhances its food safety and quality management capabilities.

Muyuan has constructed a "711" End-to-End Food Safety Management System, spanning inputs, feed production, pig production, inspection and testing, hog sales, slaughter and meat processing, and market distribution. Through institutional refinement, internal audits, and cross-departmental collaboration, the Company manages and monitors the entire product chain and lifecycle.



"7" End-to-End Food Safety Assurance Systems

Inputs assurance

The Company has established a cross-functional governance framework integrating quality control, veterinary, nutrition, and procurement teams. This collaborative system enforces rigorous quality and safety standards for veterinary drugs and vaccines through comprehensive supplier management, proactive pre-usage screening, and routine random sampling.

Feed assurance

The Company oversees raw material suppliers, incoming inspections, manufacturing processes, and final product testing to safeguard comprehensive feed quality.

Pig production assurance

The Company exercises strict control over drug residue management, disease control, good operational practices, and so on. It continuously upgrades its biosecurity system, establishes a standardized internal audit system for farm operations, and enhances overall quality and safety levels.

Inspection and testing assurance

The Company features a portfolio of core testing capabilities focused on food and agricultural products. It provides technical testing services for livestock and poultry products, animal feed, veterinary drugs and disinfectants, fruits and vegetables, and beverages, offering comprehensive food safety testing and verification from raw materials to finished products. By the end of 2025, the Company operated 18 product testing laboratories, one of which had obtained accreditation from the China Certification and Accreditation Administration (CNCA) under the China Metrology Accreditation (CMA) program and from the China National Accreditation Service for Conformity Assessment (CNAS). In 2025, its testing investment reached CNY 131.6196 million.

Hog sales assurance

The Company focuses on delivery quality management, market product quality surveys, and customer service. Rigorous pre-sales audits are conducted in strict compliance with the *Muyuan Commercial Hog Sales Standards* under a quality audit accountability system. Additionally, the Company has refined its *Product Recall Control Procedure* and *Non-conforming Product Mock Recall Drill Plan* to establish a robust closed-loop management mechanism ensuring product safety and quality.

Slaughter and processing assurance

The Company implements rigorous inspection and testing, hygiene management, standardized product acceptance, and compliance control across all stages, from pre-slaughter, slaughtering, and post-slaughter to cutting and processing, to ensure food safety.

Market distribution assurance

The Company implements comprehensive quality and safety management covering market research, market sampling, pre-sales testing, end-customer service, logistics, and complaint handling and product recalls. These measures safeguard food safety throughout the distribution chain, ensuring the delivery of high-quality products to our customers.

"1" End-to-end food safety information traceability system

The Company has established a full-chain big data traceability system for food safety and quality. By integrating the Intelligent Procurement System, Feed Management System, Production Management Platform, Hongxin Testing System, Slaughter Management System, and Sales Management System, the Company achieves precise data collection from source to point-of-sale and intelligent end-to-end management from farm to table. This ensures the entire supply chain is transparent, controllable, and fully traceable, thereby effectively safeguarding food safety and product quality.

"1" Muyuan Food Safety Culture System

Muyuan has cultivated a food safety culture anchored in the commitment to "protect quality with our lives". Through a multifaceted approach including specialized food safety training, quality certification assessments, daily educational insights, morning briefing briefings, and case study analysis, the Company fosters a unified understanding of food safety standards across its entire workforce.

The Company has established a dedicated supervision team led by the Quality Control Department, implementing regular daily and monthly checks on critical control points for on-site food safety and quality management. All non-conformities are tracked and rectified through a work order system, establishing a routine regulatory mechanism. By integrating this with a reward-based whistleblower program, these measures drive continuous improvement to achieve closed-loop management, ultimately safeguarding public food safety.

Indicators and objectives

Indicator	2025
Number of food safety incidents	0
Number of non-compliance cases in market sampling inspections	0
Coverage rate of pre-slaughter testing batches	100%
Pass rate of pre-slaughter testing	100%
Pork products traceability rate	100%

Muyuan will continue to target "zero food safety incidents", with a commitment to achieving: 100% pass rate in outgoing product sampling inspections, 100% compliance rate in antibiotic residue testing for market-ready hogs, and 100% digital traceability coverage across the integrated industry chain.

Action on food safety management

Product and service management

Internal training and examination certification

Through a multifaceted approach encompassing professional training, digital live streams, and signature events like Food Safety Week and Food Safety Month, Muyuan fosters a deep-rooted culture of food safety and quality across the organization. In 2025, the Company delivered over 710 food safety and quality training sessions and hosted 105 live-streamed management briefings. The programs comprehensively covered management executives and food safety professionals across all organizational levels. Furthermore, the Company mandates that 100% of farm staff sign the *Food*

Food safety and quality training	Live-streamed food safety management briefings	Signing rate of <i>Food Safety Commitment Letter</i>
710 sessions +	105 sessions	100%

Safety Commitment Letter and participate in food safety pledge ceremonies prior to the stocking of each fattening batch.

The Company conducts a company-wide food safety certification program, implementing a tiered assessment framework that is tailored to the criticality of each department's operations regarding food safety. This graded system ensures that assessment rigor aligns with specific role responsibilities. In 2025, 92.9 thousand employees participated in food safety training and certification, with a pass rate of 99.83%, covering senior executives and board members.

Food safety certification participants	Pass rate
92,9 thousand	99.83%



"3 • 15" Food Safety & Quality Management Kick-off Meeting



Muyuan Food's "3 • 15" Company-wide Food Safety Competency Certification Program

Internal and external inspections

- **Government sampling:** In 2025, Muyuan products underwent 3,200 government sampling inspections within the market distribution channel, averaging 9 spot checks per day, and achieved a 100% pass rate.
- **Customer audits:** In 2025, Muyuan successfully underwent 129 external customer audits from leading partners, achieving a 100% pass rate across all inspections.
- **Internal self-inspections:** Muyuan executes 100% monthly internal inspections across all production sites. In 2025, cumulative inspection items reached 205.6 thousand, with zero major non-conformities; General non-conformities are reported in the *Monthly Food Safety Self-Review and Rectification Report*, achieving a 100% rectification completion rate.



Customer Audits



Management system certification

Muyuan adopts various domestic and international standards recognized by the Global Food Safety Initiative (GFSI) across its feed, farming, and slaughtering operations. The Company actively participates in the revision and formulation of laws, regulations and local standards, including the *State Administration for Market Regulation 2025 Food Safety Sampling Plan*, *Management Specifications for Growing-Finishing Pigs on Large-Scale Pig Farms*, and the *Disease Prevention and Control Procedures for Large-Scale Pig Farms*. These initiatives reflect Muyuan's commitment to establishing a modern management system aligned with Good Agricultural Practices (GAP). Furthermore, the Company continuously strengthens its food safety and quality management certification efforts for suppliers. By rigorously managing every link in the supply chain, Muyuan ensures the safety and full traceability of its pork sources.

As of the end of 2025, Muyuan and its suppliers have obtained the following food safety and management certifications:

Value chain	Certification
Feed	Nine feed mills have obtained FSSC 22000 certification.
Farming	One farm has achieved China G.A.P certification. Five farms have secured qualifications to supply live hogs to Hong Kong and Macao.
Slaughtering	Ten slaughterhouses have passed ISO 9001 Quality Management System certification. One slaughterhouse has passed ISO 22000 Food Safety Management System certification.
Veterinary drug suppliers	GMP certification rate of veterinary drug suppliers has reached 100%.



Good Agricultural Practice (GAP) Certificate

Emergency and recall management

Muyuan has established and strictly enforces the *Food Safety Incident Response and Handling Policy*. Under a vertical supervision mechanism across the entire farming-to-slaughterhouse value chain, clear response procedures are defined for non-compliance incidents, including pre-slaughter urine testing and post-slaughter tissue and liver inspections. Furthermore, key food safety metrics are integrated into the performance evaluations of senior management. Led by the Board of Directors, a three-tier management framework—comprising Strategic Deployment, Process Control, and Accountability Tracing - standardizes roles and responsibilities across the entire value chain from farm to market. By ensuring real-time risk response and systematically enhancing the efficacy of food safety incident management, the Company effectively fortifies the ultimate defense line for product quality. In 2025, the Company recorded zero food safety liability incidents.

Strictly adhering to detailed provisions on product recall mandates in GB/T 19001-2016 *Quality Management Systems-Requirements*, HACCP System Certification Requirements (V1.0), and GB 12694-2016 *National Food Safety Standard—Hygienic Practices for Slaughter and Processing of Livestock and Poultry*, Muyuan has established the *Product Recall Control Procedure*. This procedure categorizes recalls into Level I, II, and III, requiring initiation within 24, 48, and 72 hours, respectively, upon identification of a food safety risk. Furthermore, all recall plans are promptly reported to the local food and drug regulatory authorities at or above the county level. To ensure operational readiness and efficient execution in the event of a product recall, the Company conducts at least one simulated recall exercise annually. In 2025, no food safety-related product recall incidents occurred in Muyuan.

Premium services

○ Responsible sales

Muyuan upholds the principles of integrity, transparency, and scientific rigor in all sales endeavors, ensuring that every message is authentic, accurate, and accessible. By deepening responsible sales practices, we actively cultivate healthy and rational consumption mindsets among customers and consumers.

- Compliant sales

Muyuan strictly adheres to the *Advertising Law of the People's Republic of China*, the *Food Safety Law*, the *Provisions on Food Labeling*, and all applicable industry standards. The Company has implemented an end-to-end compliance review mechanism for sales to ensure all product promotions are authentic, lawful, and accurate.
- Information transparency

Through product packaging, Muyuan's official website, social media, and other touchpoints, we proactively disclose key details such as product origins and quality inspection reports to protect consumers' right to know and foster trust.
- Consumer guidance

We conduct educational initiatives on farming practices and food safety interpretation, while promoting the concept of sustainable consumption. Our goal is to guide consumers to prioritize product quality and intrinsic value.
- Privacy protection

Muyuan maintains strict compliance with the *Personal Information Protection Law* and applicable regulations. Adhering to the principle of data minimization, we collect only the minimum data strictly necessary for sales purposes. We employ robust technical and organizational measures to safeguard data security.
- Closed-loop after-sales service

Muyuan has established accessible and responsive channels for service and complaint resolution. All customer complaints were addressed on a case-by-case basis by dedicated personnel, prompting systematic internal investigations and corrective actions for similar issues, which resulted in a 100% resolution rate.

○ Customer rights protection

Guided by a customer-centric philosophy and the core mission of "creating value for clients", Muyuan is committed to fostering a fair and equitable partnership ecosystem. Beyond delivering premium products, we continuously innovate our swine collaboration models, leveraging an industry-connected digital platform to provide customers with comprehensive solutions-including high-quality breeding piglets and expert technical services. Through the Smart Sales App, customers can seamlessly register, execute contracts, place orders, track shipments in real-time, and submit inquiries. Backed by our prompt response mechanism, we collaborate to foster a transaction environment that is simple, transparent, and highly efficient.

Muyuan engages independent third parties to conduct rigorous customer satisfaction surveys and performs monthly on-site visits to dealers and slaughterhouse clients. Centering on product quality and delivery excellence, we have established dedicated project teams to integrate data collection and feedback loops across our upstream and downstream value chain. This data-driven approach enables us to continuously elevate our products and services to exceed customer expectations. In 2025, overall customer satisfaction reached approximately 98.99%.

Animal welfare

Muyuan champions science-based swine production, continuously refining its animal welfare philosophy and practices to elevate swine's overall welfare standards. Across its business processes - from swine farm design, development and construction, feed procurement, feed processing, pig production, live hog transport, to slaughter and meat processing - the Company has established clear animal welfare standards to support the healthy growth of its herds.

Muyuan Pig Paradise	Five welfare benefits	Five freedoms	Welfare pig farming	Transportation	Slaughter	Marketing
	Creating values	Natural behavior expression	Happiness and freedom	Respect for life	Respect for life	High-quality pork products
	Psychological welfare	Freedom from Fear, Stress and Sorrow	Intelligent inspection and warning Sound monitoring	Prohibit abusive handling of pigs	Humane slaughter	
	Welfare for health	Freedom from Pain, Injury and Disease	Needle-free and pain-free; Fermented acid feeding; Precision ventilation; Fresh air filtration; Ultrafiltration water treatment; Sterilization and deodorization	Air filtration truck for pig transport	CO ₂ stunning, no-pain slaughtering	
	Welfare for comfort	Freedom from Discomfort	Temperature and humidity, ventilation, and sprinkling; Air quality; Lighting, sound, space	No Stress	CO ₂ stunning, no-pain slaughtering	
	Welfare for survival	Freedom from Hunger and Thirst	Intelligent feeding Sour soup/fermented feed Ad lib feeding Balanced nutrition	Stress-free death	Ad lib drinking in holding pens	
Respect for Life: Let Every Life Be Healthy and Joyful						
High-quality life						

Animal welfare practices

Welfare for survival - freedom from hunger and thirst

Feed

Muyuan implements high-temperature sterilization in its feed production to ensure feed safety. Feed formulations are precision-tailored to specific growth stages of pigs. For weaned piglets, we progressively optimize transition diets to stimulate appetite, facilitate breeding piglets' smooth adaptation to solid feed, support digestive system maturation, and mitigate weaning stress. This ensures optimal dietary health for the herd and satisfies the animal welfare needs related to feeding behavior.

Water supply

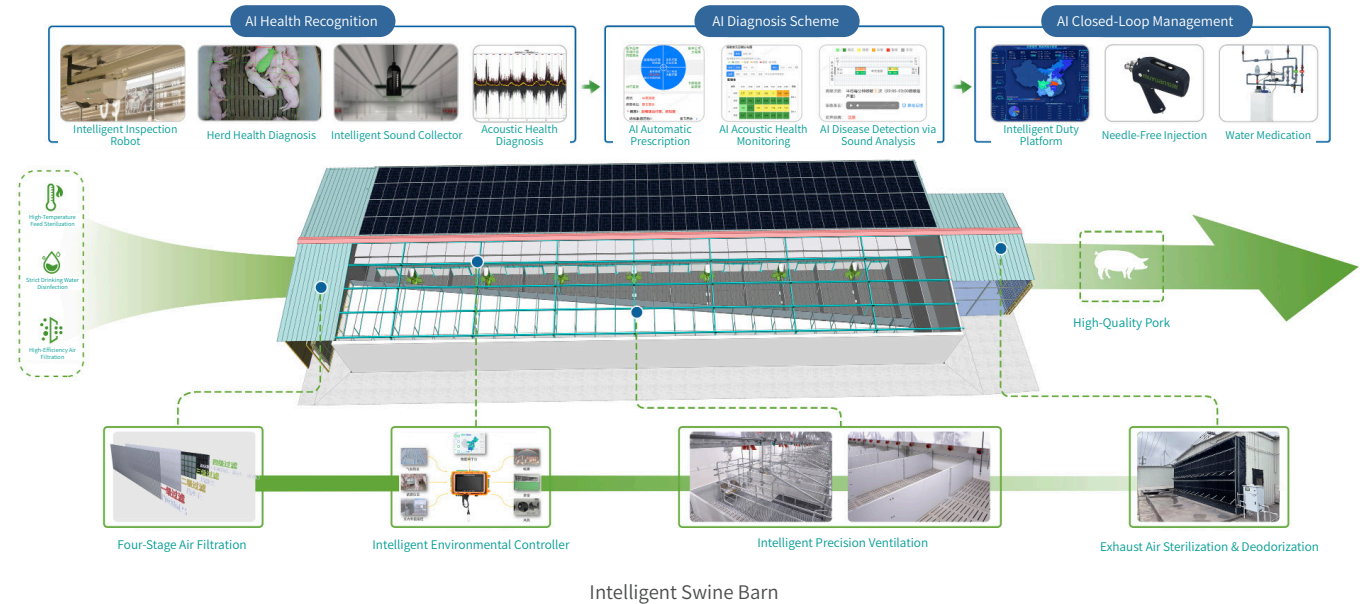
Our farms are equipped with advanced ultrafiltration systems that achieve a 99.99% pathogen removal rate, delivering sufficient pristine, and fresh drinking water to eliminate waterborne disease transmission. In strict compliance with Chinese national standard GB 5749-2006, we conduct regular water sampling and engage third-party institutions for testing, guaranteeing the safety and quality of our water supply.

Feeding

Muyuan's intelligent feeding system ensures independent feeding operations: Adopting a "One Formula Per Day, One Dedicated Device Per Pen, One Parameter Per Device" strategy, our system dynamically adjusts feeding protocols in real time. This ensures optimal water-to-feed ratios tailored to every physiological status, supported by real-time monitoring and alerts for abnormal feed intake.

Welfare for comfort—freedom from discomfort

The farm design fully considers scientific site selection and biosecurity factors: The pig barns are equipped with a multi-factor intelligent environmental control system that integrates fresh air filtration, precision ventilation, intelligent spray cooling, deodorization and sterilization, smart early-warning, and algorithm-driven control. The system collects real-time data on both the internal and external barn environment as well as the herds. It simulates natural lighting with scientific illumination and creates a spring-like, living environment all year round, ensuring the pigs are healthier and more vibrant.



Welfare for health—freedom from pain, injury, and disease

Fresh air filtration, sterilization, and deodorization

Muyuan integrates advanced filtration systems at all air intake points. These systems achieve a filtration efficiency of up to 99.3% against pathogens, including the African Swine Fever (ASF) virus. Consequently, the air quality within our pig houses rivals those in an operating room, establishing a robust barrier for herd health. At the exhaust stage, the filtration system ensures 100% capture and treatment of all discharged air. Through advanced sterilization and deodorization processes, it achieves a 99.9% sterilization rate and a 97% ammonia removal efficiency. This not only ensures the health and welfare of the herd but also results in complete odor neutralization to effectively eliminate community disturbance, guaranteeing a clean environment around the barns.

"Sky-Net" Project

The company has implemented the "Sky-Net Project" dedicated to disease purification, aiming to ensure pigs remain disease-free or fall ill less frequently. Leveraging advanced intelligence and digitalization technologies, the Company has deployed a three-tier health early-warning system. Each production unit is patrolled by autonomous inspection robots integrated with multimodal sensors - including high-definition cameras, acoustic microphones, and thermal imagers. These robots continuously capture comprehensive herd metrics (visual imagery, audio signatures, and surface temperatures), enabling real-time, proactive monitoring of pig health status. This system automatically identifies and tags pigs exhibiting anomalies and, at the same time, pushes real-time alerts.

Needle-Free Injection

Muyuan deploys intelligent needle-free injection systems that offer precise dosage control, optimizing vaccine efficiency and minimizing waste. By eliminating the risk of cross-contamination inherent in traditional needles, this technology significantly reduces pain and stress responses in pigs.

○ Psychological welfare - freedom from fear and distress

Unloading platform

Adjustable-height adjustable platforms are used to prevent pig injuries. All livestock handling personnel undergo rigorous professional training and certification. They execute science-based handling protocols, ensuring low-stress operations that effectively minimize acute stress responses in the herd.

Dedicated herding corridors

Separate personnel access lanes are designed to achieve human-pig separation. All pig handlers undergo mandatory animal welfare training and are evaluated under a performance management system that prohibits rough or abusive handling of pigs.

Resting in holding pens before slaughter

The holding pens are equipped with an intelligent climate control system combining precision ventilation and fine-mist spray cooling to maintain a thermally comfortable, stress-free environment prior to slaughter. To reduce aggression and biting in mixed groups, we apply specialized, non-toxic odor-neutralizing agents that effectively mask stress pheromones. Furthermore, an automated noise monitoring and alert system is installed to ensure a tranquil atmosphere, instantly detecting and mitigating excessive sound levels. Holding pens are illuminated with specialized green-spectrum lighting, scientifically proven to soothe swine temperament, maintain emotional stability and facilitate efficient humane stunning, while strictly prohibiting direct illumination of the pigs' eyes. The end-to-end duration - from farm departure through transportation to final holding - is capped at 16 hours. This rigorous time limit mitigates cumulative transport stress and fear, while ensuring pigs are not subjected to prolonged fasting, thereby upholding their freedom from hunger.

Pig slaughtering (CO₂ stunning, humane slaughtering)

Pigs are stunned with CO₂ at 84%-86% concentration prior to the sticking procedure, with 6-8 pigs processed per batch. This guarantees no convulsions or squealing before or during sticking, achieving humane slaughter where pigs experience no stress response or pain.

○ Natural behavior expression

Muyuan optimizes group sizes to provide ample space for exploration. This approach aligns with natural swine behaviors, satisfying their need for social interaction and the freedom to express their natural instincts.

Animal welfare certification

Muyuan strictly enforces animal welfare policies and standards, and conducts regular internal and third-party animal welfare assessments and empowerment initiatives. Its farm quality control officers audit welfare implementation regularly based on the GLOBALG.A.P. (*Animal Welfare Add-on for Pigs/Fattening Pigs*) and the *Livestock Farm Process Control Checklist*. Additionally, to ensure animal welfare requirements are implemented properly, the Company conducts regular daily training, quarterly sessions, and certification exams. A 100% certification pass rate is maintained.

Certification pass rate

100%

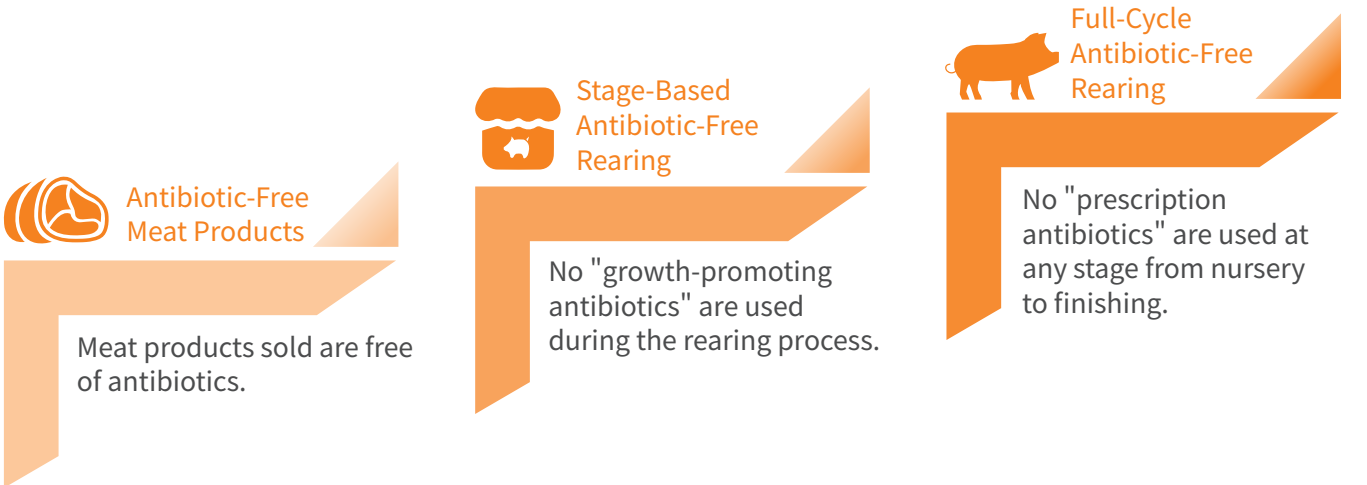
Antibiotic stewardship

Muyuan strictly adheres to veterinary drug regulations and national laws, with a steadfast commitment to the production of antibiotic-free, green, safe and delicious pork products. The Company adheres to the standardized use of veterinary drugs while reducing pig herd diseases through proactive health prevention measures such as disease monitoring, vaccination, biosecurity control, and antibiotic-free products.

The use of antibiotics is strictly limited to the treatment of animal diseases. By implementing proactive health measures - including disease monitoring, vaccination, biosecurity surveillance, and the use of antibiotic alternatives - the Company significantly reduces antibiotic consumption.

Antibiotic stewardship goals

Muyuan will continue to advance disease eradication and health management, aiming to reduce antibiotic consumption by more than 50% by 2027 compared to the 2024 baseline.



Disease surveillance & prevention

We implement a health management philosophy centered on prevention. By establishing a business framework that integrates biosecurity, swine disease research, and clinical execution, we are dedicated to building a production management system for high-health pig populations

○ Disease eradication research

With a cumulative investment of CNY 13.876 billion in recent five years, we have established 115 veterinary diagnostic laboratories. By addressing the root causes of specific diseases, we have built a Super Health Management Platform for disease eradication.

○ Biosecurity system

We have established a dedicated team of over a thousand specialists to prevent external pathogens from invading and stop internal disease spread.

Biosecurity hardware - including air filtration systems, sterilization and deodorization units, and precision ventilation - is installed in our farms to block pathogen entry and interrupt transmission routes.

We have refined the procedural standards for biosecurity across all stages of farming operations and built an information-based monitoring platform to oversee these protocols.

As of the end of 2025, 74 Muyuan subsidiaries have been certified as "ASF-Free Zones", accounting for 32.46% of all its farming subsidiaries.

○ Disease surveillance system

Regular epidemiological investigations: We formulate monthly, quarterly, and annual monitoring plans for pigs of different age groups. By identifying the epidemiological patterns of various diseases, we develop targeted technical solutions for disease prevention and control.

Disease Diagnostic Information System: Through big data monitoring and analysis, this system accurately identifies diseases prone to occur in specific age groups, enabling early intervention.

Intelligent Equipment Early-Warning System: This system utilizes intelligent feeding systems to monitor changes in feed intake, cough-detection devices to assess coughing conditions, and unit track inspection robots to locate abnormal pigs. It realizes early detection and treatment, ensuring herd health and reducing antibiotic usage.

Muyuan invites domestic and international veterinary research teams to conduct regular training sessions. These initiatives enhance the health management capabilities of our staff, optimize platform development, and support our goals of disease eradication and healthy farming.

Antibiotic safety management

Muyuan strictly adheres to the principle that antibiotic use should serve solely for disease treatment purposes. We strictly comply with all medication regulations issued by national and local governments, including but not limited to: the *National Action Plan for the Reduction of Veterinary Antimicrobial Usage (2021–2025)*, *Ministry of Agriculture and Rural Affairs (MARA) Announcement No. 194* (Stipulating the halt of production of medicated feed containing drugs for growth promotion), *MARA Announcement No. 250* (Clearly stipulating the list of Prohibited Drugs and Other Compounds in food-producing animals).

○ Personnel management

Muyuan implements a veterinary license registration and filing system at the farm-line level. We achieved a 100% filing rate in 2025. Personnel on the filed list possess the authority to issue drug prescriptions and make usage decisions.

○ Management policy

The Company achieves precise medication through its health management system, establishes a full life cycle traceability system for veterinary drugs, and strictly implements prescription management to ensure safe and rational drug use.

Rigorously control vet supplier qualifications and establish a product quality management system to comprehensively control the quality of antibiotics at the source.

Categorize and manage prescription issuance based on the impact of drugs on pigs, the environment, and humans.

Comprehensively consider factors such as pig category, age, disease diagnosis, and antibiotic susceptibility to determine prescription issuance and standardized usage.

End-to-end antibiotic management ensures complete traceability of antibiotic usage across the entire drug supply chain - from procurement and warehousing to prescription issuance and on-site administration.

○ Management standards

During production and operations, the Company continuously improves relevant systems and implements comprehensive standardized management for personnel, pharmaceuticals, and the herd, explicitly prohibiting the use of antibiotics for growth promotion. During the reporting period, Muyuan had a total of 34 related systems and standards in effect, including but not limited to: *Red Line Policy for Immunization Management*, *Standards for Veterinary Drug Use in Pig Farms*, *Muyuan Prescription Management Policy*, *Red Line Policy for Medication Management*, *Management Policy for Veterinary Pharmaceutical and Vaccine Suppliers*, *Management Policy for the Evaluation and Introduction of Veterinary Pharmaceutical and Vaccine Products*. The Company strictly prohibits the use of antibiotics for growth promotion. A total of 25 prohibited drugs were listed included in its prohibited list.

Antibiotic reduction initiatives

Three-step antibiotic-free roadmap

Based on the health status of the herd and regional characteristics, we implement antibiotic-free measures regionally and by pig category. This strategy expands antibiotic-free practices from market-ready pigs to the fattening stage and entire production cycle.

Health tier management via color coding

Drawing on international best practices, we have piloted a color-coded management system - Red for "high attention required", Yellow for "in the process of eradication", Green for eradicated - for PRRS (Porcine Reproductive and Respiratory Syndrome) eradication to manage drug types and dosages within similar farm zones.

Drug categorization management

We implement a tiered drug management system, categorizing antibiotics according to their effects on swine health, environmental safety, and human well-being, thus ensuring the safe and rational use of antibiotics.

Antibiotic reduction demonstration farms

Currently, 59 Muyuan farms have passed the audit to become certified "Antibiotic Reduction Demonstration Farms", and have been publicly recognized national wide. By comparing and summarizing the key practices of these demonstration farms, we found that the key hinges on health management and susceptibility-based medication.

Antibiotic management achievements

In 2025, Muyuan's antibiotic consumption decreased by **24.3%** compared to 2024.



Innovation and Development

Muyuan adheres to long-termism and regards innovation as a fundamental capability. Driven by both management innovation and technology innovation, the Company creates a more efficient full industry chain model, promotes high-quality development in the pig farming industry, and expands sustainable development.

Governance

Muyuan has established an innovation governance framework featuring top-level strategic decision-making by the Board of Directors, executive-level coordination, and business system implementation. This ensures deep alignment between innovation strategies and operational objectives. Through rigorous R&D investment auditing and risk monitoring mechanisms, every innovation investment penetrates to the production front line, driving high-quality industrial development.

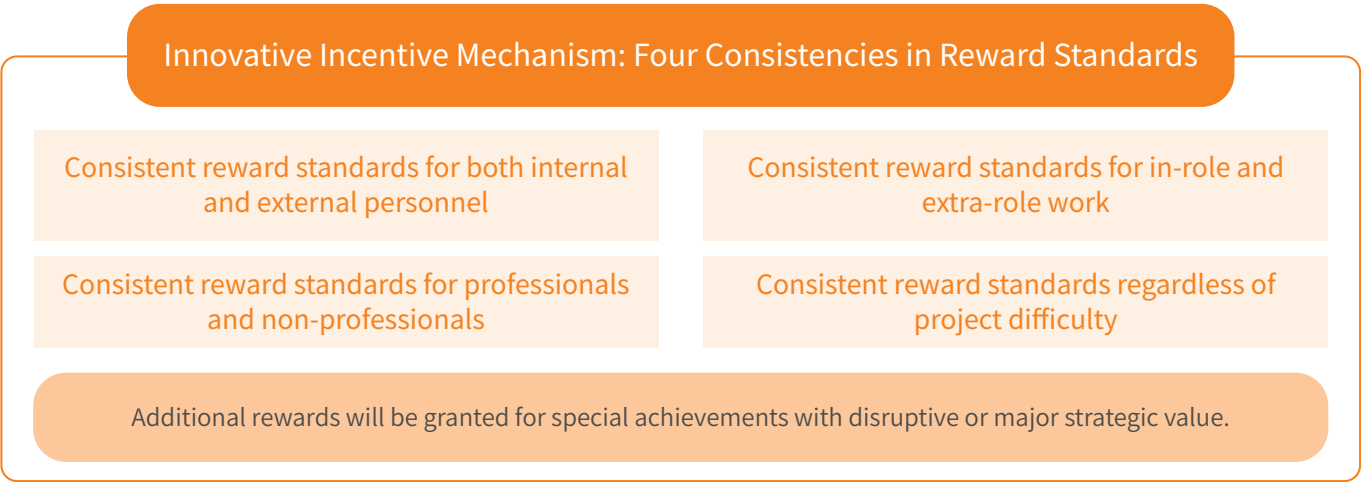
Management structure

The Board Strategy Committee reviews medium-to-long-term R&D strategies and plans to ensure innovation direction aligns with the Company's long-term development.

The Human Resources Department works closely with business units to establish innovation incentive mechanisms, while continuously strengthening the integrated management of strategy, budgeting and implementation, so as to guarantee the efficient allocation and effective application of innovation resources.

The Legal Department maintains a dedicated intellectual property team, who collaborates with business units to build core patent protection matrices covering breeding, feed, nutrition, and intelligent systems, ensuring technological protection is tightly integrated with business development.

Incentive mechanism



The Company has established the "Golden Idea Award", "Ingenious Solution Award" and "R&D Project Award". Incentives are distributed based on value assessments across the pilot, scale-up, and promotion stages. Furthermore, we link technological transformation outcomes to the compensation, bonuses, and equity of executives and core technical staff to continuously fuel intrinsic motivation throughout the organization.

The Company addresses real-world production challenges by establishing an open platform for industry-academia-research-application collaboration. This initiative invites a wide range of industry specialists and academic researchers to participate in innovation activities, promoting a culture of collaborative creation and shared value.

Strategy

Muyuan recognizes innovation as the core driver for overcoming industry cyclical challenges and achieving high-quality development. Leveraging insights from both the swine farming sector and its own operations, the Company systematically identifies the impact of R&D innovation across its value chain. This enables precise identification of related risks and opportunities, providing a solid foundation for targeted innovation strategy development and implementation.

Type	Description	Timeframe
Impact	By continuously investing in core technologies such as breeding and intelligence, we not only reduce our own production costs but also export green, high-quality "Muyuan Solutions" to the industry.	Long-term
Impact	Through technological iteration, we attract and cultivate high-quality interdisciplinary talent, thereby enhancing the technical sophistication and social image of the traditional pig farming industry.	Long-term
Opportunity	Breakthroughs in core technologies can reduce key breeding costs, building a "cost moat," and bolstering profit resilience and competitive advantage.	Long-term
Opportunity	Innovations in breeding and health management can yield high value-added products, commanding brand premiums, optimizing revenue structures, and improving profit margins.	Long-term
Risk	R&D investments pose risks, as inefficiencies stemming from technical paths, cycles, or conversion issues could potentially erode profits and undermine investor confidence.	Long-term

Technological innovation in critical domains like swine breeding and intelligent systems remains central to Muyuan's cost reduction, efficiency gains and technological precedence. However, as R&D advances, challenges in technology protection and competitive intensity escalate. Inadequate patent strategies or commercialization management may hinder innovation outcomes and jeopardize long-term competitive advantages. In this context, Muyuan integrates intellectual property management into its core innovation strategy, establishing a comprehensive intellectual property framework covering R&D initiation, technology transformation, production application and external collaboration. This system enhances risk identification, compliance controls and efficient commercialization of innovations within legal boundaries.

The Company strictly complies with the *Trademark Law of the People's Republic of China*, the *Patent Law of the People's Republic of China*, and the *Copyright Law of the People's Republic of China*, along with other applicable laws and regulations. It has established a comprehensive set of internal policies and standards, including the *Patent Management System*, *Trademark Use Management System*, *Computer Software Use Management System*, *Font Use Specifications*, and *Image Use Specifications*. These measures continuously strengthen the Company's intellectual property protection framework and enhance the systematic management of its core assets, including trademarks, patents and copyrights.

In 2025, Muyuan revised its *Patent Management System* to optimize intellectual property requirements, covering patents and technologies, across the entire R&D lifecycle, including project initiation, technology transformation, and production application. The Company also established mechanisms for tiered management and risk early warning. During the R&D phase, the Company conducts proactive patent searches and barrier analyses, developing patent portfolio strategies tailored to the specific characteristics of swine farming technologies. During production and operations, the Company strengthens intellectual property risk screening and dynamic monitoring to prevent infringement risks and ensure the safe application of innovation outcomes.

Impact, risks, and opportunities

Muyuan has established a routine mechanism for managing innovation risks and opportunities. By deeply integrating the environmental, social, and operational impacts of technological innovation into our comprehensive risk management system, we ensure both the scientific rigor of innovation investments and the high efficiency of their outputs.

Risk identification and assessment: Closely aligning with national strategies for seed industry security, dual carbon goals, and digital-intelligent transformation, we systematically map out technical challenges and opportunities in core areas such as feed nutrition, disease control, and digitalization. Through in-depth research and trend analysis, we identify the potential impacts of innovation on business growth, industry advancement, and ecological protection, thereby laying a solid foundation for innovation governance.

Risk assessment and quantification: For every initiative, we clearly quantify inputs and outputs, evaluating potential returns in terms of cost reduction, profit resilience, and brand premiums. This provides precise data support for R&D project approval, budgeting, and resource allocation, ensuring the effectiveness of our innovations.

Innovative project management: We have established a structured management process centered on four key segments: feed, breeding stock, hog farming, and slaughtering. By building a technical innovation system across 20 key areas, we form a demand-oriented R&D closed loop and innovation ecosystem that takes practical application as the evaluation criterion. This ensures the effectiveness of innovation and contributes Muyuan's expertise to the high-quality development of the industry.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Breeding	Feed	Health	Farming	Slaughter	Water	Air	Housing	Sanitation	Brand	Procurement	Sales	QC	Intelligence	Construction	People	Management	Law	Capital	Finance
Top-Level Design	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
System Construction	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Frontline Implementation	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★

Innovation Conference

The Company has designated June 22nd as the annual "Pig Farming Festival", which also serves as our Innovation Management Conference to review, evaluate, and honor innovation achievements. By offering substantial rewards for leadership, we foster a strong culture of creativity. The 2025 Pig Farming Festival recognized 27 innovation projects, with a total prize pool of CNY 12.4844 million.



Industry-academia-research-application integration

Muyuan adheres to technology empowerment and innovation leadership, deepening integrated industry-academia-research-application collaboration. The Company focus on cutting-edge fields including biotechnology, intelligent equipment, and low-carbon farming, continuously promoting iterations to accelerate the conversion and scaled application of scientific achievements.

○ Collaborative innovation for implementation

Muyuan co-established the Synthetic Biology Institute with Westlake University, leveraging academic research strengths to advance advanced technologies from laboratory to market. In March 2025, the Muyuan Anliang synthetic biology product project, with an annual production capacity of 30,000 tonnes, commenced full-scale commercial production.



○ Industry-education integration for precision talent development

Muyuan adheres to technology empowerment and innovation leadership, deepening integrated industry-academia-research-application collaboration. The Company focuses on cutting-edge fields including biotechnology, intelligent equipment, and low-carbon farming, continuously promoting iterations to accelerate the conversion and scaled application of scientific achievements.

The Company has established joint training bases with institutions including Huazhong Agricultural University, Heilongjiang Bayi Agricultural University, Hunan Agricultural University, Henan Institute of Science and Technology and Henan University of Animal Husbandry and Economy. Each year, over 1,000 students majoring in animal husbandry and veterinary medicine participate in internships at these facilities, effectively translating textbook knowledge into practical industrial applications.

In partnership with Nanyang Vocational College of Agriculture, the Company adopts a dual-subject model of school-enterprise collaboration, implementing innovative training programs such as apprenticeship schemes and tailored order-based classes. Through collaborative efforts, the Company co-founded the Henan Provincial Animal Disease Prevention and Control Engineering Technology Research Center and the Nanyang Key Laboratory of Animal Disease Prevention and Control. It also leads the establishment of the Henan Provincial Animal Husbandry and Veterinary Industry-Education Integration Professional Alliance, strengthening the foundation for integrated industry-education development.

In partnership with Nanyang Institute of Technology, the Company co-founded an industry-specific college, taking an active role in shaping talent development frameworks and designing course curricula. By hosting marketing strategy competitions and providing internship placements, it creates practice learning platforms that not only strengthen students' overall competencies but also accelerate the company's internal talent cultivation process.

Intellectual property management

The Company has established a sound intellectual property compliance mechanism. By enhancing pre-development intellectual property due diligence and risk early-warning mechanisms, we have fostered seamless synergy among R&D innovation, strategic planning, supply chain management, and frontline production operations. These measures effectively mitigate business disruptions arising from underperforming technology commercialization, thereby solidifying our technological moat and ensuring the Company's long-term sustainable development.

To strengthen risk control over innovation-related matters and enhance the awareness of intellectual property protection and compliance management in the Company, the Company considers intellectual property capability as a key pillar of its innovation governance framework. Regular intellectual property management training are organized to support this objective. In 2025, we organized 8 training sessions on patents, trademarks, and copyright, covering 994 participants from R&D Department, Digital Intelligence Department and Operations Management Department, effectively strengthening the standardized management of technological achievements and legal risk prevention. This has promoted the deep integration of R&D innovation with intellectual property strategy, enhancing the Company's innovation capacity and core competitiveness.

Training on patents, trademarks and copyright

Cumulative training participants

8sessions

994

Muyuan is committed to protecting its own intellectual property while maintaining unwavering respect for the intellectual property rights of others. Intellectual property protection is integrated into every phase of our product development lifecycle. At critical milestones - from project inception and R&D through to commercial launch - we perform comprehensive IP searches and infringement risk evaluations, demonstrating our commitment to respecting the innovative work of others. In addition, the Company actively engages in IP-focused industry forums and conferences, sharing best practices in intellectual property management and portfolio strategy. Through these engagements, the Company contributes to the continuous improvement of intellectual property protection standards across the industry.

Indicators and objectives

R&D investment: As of year-end 2025, the Company's research and development team comprised 6,539 professionals, establishing a strong talent foundation to drive industrial advancement and innovation-led growth. In 2025, R&D expenditure reached CNY 1.648 billion, accounting for 1.14% of operating revenue.

R&D team size

R&D expenditure

6,539professionals

1.648billion CNY

Scientific research achievements: To date, the Company has undertaken 12 national key R&D projects and received 5 provincial-level Science and Technology Progress Awards.

National key R&D projects undertaken

Provincial-level Science and Technology Progress Awards received

12

5

Patent assets: As of the end of 2025, the Company had filed a cumulative total of 2,388 patent applications and been granted 1,843 patents, among these, 111 patent applications were filed in 2025, and 79 patents were granted (including applications from previous years that were granted in 2025).

Cumulative patent applications

Granted patents

2,388

1,843

Compliance performance: As of the end of 2025, no intellectual property infringement cases have occurred.

Great Workplace

Human rights management

Muyuan strictly adheres to relevant laws and regulations including the *Labor Law of the People's Republic of China* and the *Labor Contract Law of the People's Republic of China*, upholds the United Nations *Guiding Principles on Business and Human Rights (UNGPs)* and core conventions of the International Labour Organization (ILO), and has established a comprehensive system centered on labor rights protection and employee care. The Company explicitly prohibits child labor, opposes forced labor, and resolutely rejects all forms of workplace discrimination and harassment.

The Company ensures that employees' legitimate rights and interests are respected and protected from all aspects, including recruitment, compensation and benefits, and career development, creating a fair, inclusive, and harmonious workplace environment.

Human rights commitment and policy

Respecting and upholding internationally recognized human rights, Muyuan integrates human rights protection into the entire employment process, does not discriminate against employees based on gender, age, nationality, region, skin color, race, religious belief, disability, marital status, or other factors, and does not participate in any acts that disregard or trample on human rights, aiming to create a diverse, equal, and inclusive working environment, and build harmonious, steady, and sound labor relations.

Muyuan's Commitments

- Prohibiting child labor through multi-channel identity verification during recruitment to strengthen compliance defenses;
- Respecting employees' intrinsic motivation and eliminating all forms of forced labor;
- Providing full statutory wages, social insurance and housing fund contributions; ensuring compensation meets or exceeds legal minimums; and maintaining reasonable working hours;
- Establishing equitable compensation systems with equal pay for equal work regardless of gender;
- Enhancing occupational health and safety management systems to provide secure working conditions that ensure life safety;
- Implementing statutory leave policies to protect employees' right to adequate rest;
- Respecting freedom of association and collective bargaining rights.

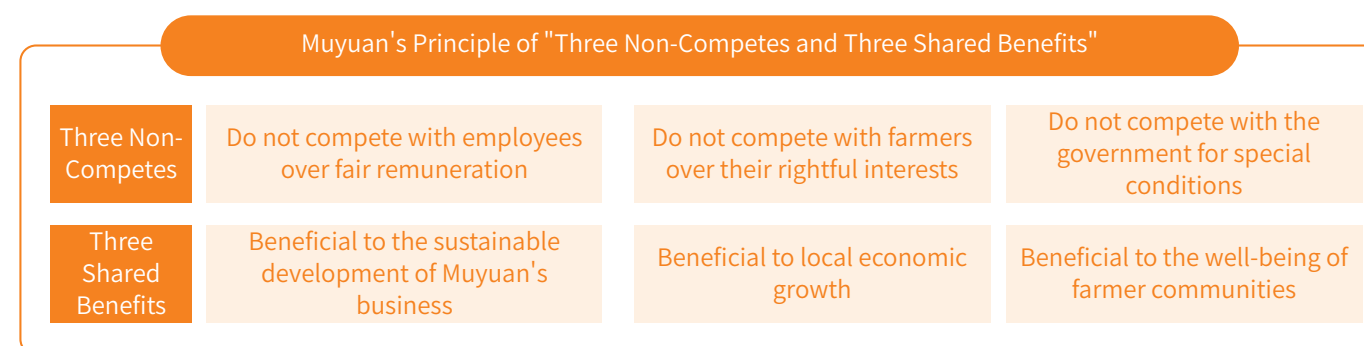
Measures for protection of human rights

Protection of human rights for employees and business partners

To systematically advance human rights protection practices, Muyuan strengthens end-to-end human rights risk management and has established a comprehensive human rights protection management system covering all employees and value chain partners, as well as other stakeholders.

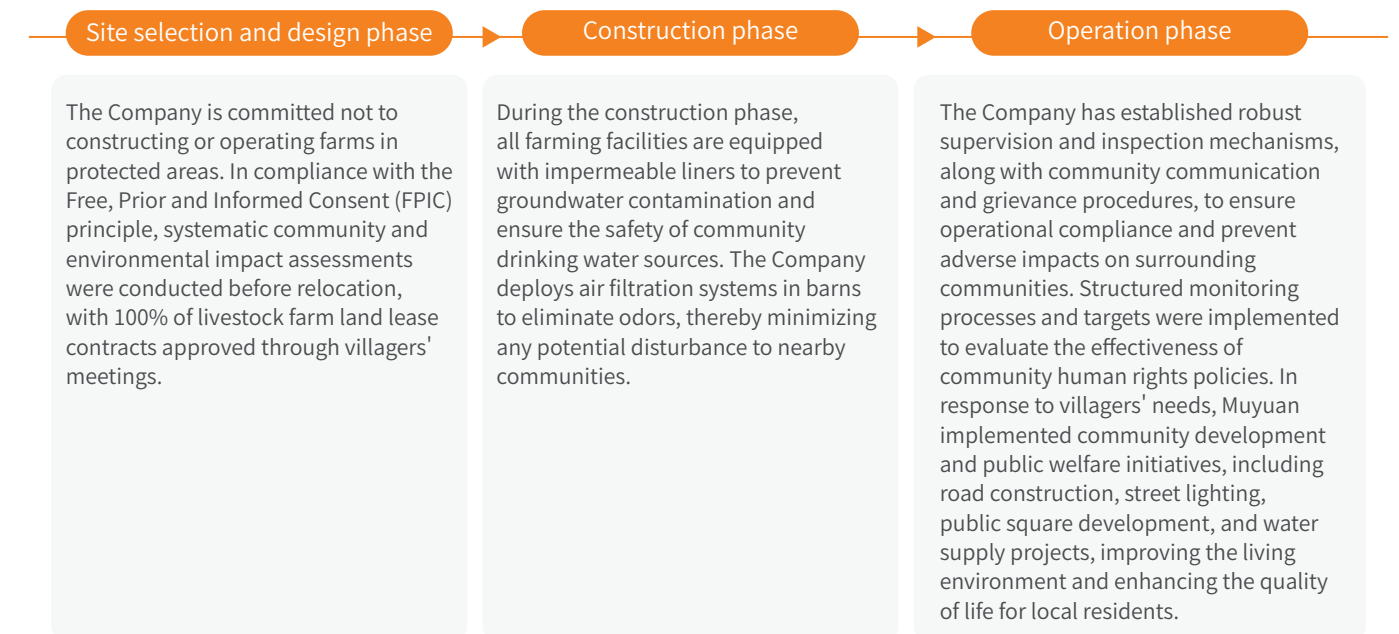


Community human rights protection



Adhering to this principle and guided by the UN Universal *Declaration of Human Rights*, Muyuan developed its *Community Human Rights Protection Policy*. The Company continuously improves community human rights impact management systems by respecting local cultural practices, promoting community participation through preventive measures and formal communication channels, addressing community concerns promptly, and minimizing operational impacts to protect community interests.

The Company implements full lifecycle management for all community projects, strictly enforces environmental assessment, and designates the Environmental Monitoring Department as an independent internal third party to ensure simultaneous design, construction and operation of pollution control facilities with main projects, protecting community living environments.



In 2025, Muyuan recorded no major human rights risk incidents, demonstrating the effective operation of its human rights management system. The Company's community engagement mechanisms and monitoring systems continued to be optimized throughout the year.

Employee empowerment

Muyuan is dedicated to cultivating a diversified workforce, protecting the rights of every employee, and continuously working to foster labor relations that are harmonious and stable.

Compliant recruitment

Muyuan is continuously building a professional human resource management system characterized by professionalized business management, internationalized corporate governance, human-centric mechanism development, and tiered leadership cultivation, and upholding the principle of equal employment. We have formulated and implemented a series of standardized management policies such as *Recruitment Management Policy*, *Personnel Management Policy*, and *Comprehensive Compensation Management Policy*, establishing a compliant employment management framework covering recruitment, onboarding, employment, and separation to ensure the compliance of all processes of operation with laws and regulations. In 2025, Muyuan incurred no incidents involving any form of child labor or forced labor. The Company maintained a 100% labor contract signing rate and full social insurance coverage for all eligible employees.

Labor contract signing rate

100%

Social insurance coverage rate

100%

To prevent employment risks, the Company conducts regular employment compliance self-inspections and audits, and has established reporting and grievance channels to ensure that potential issues are identified and addressed in a timely manner. These measures effectively protect the legitimate rights and interests of employees and maintain the stability of business operations.

Democratic management and communication

Muyuan respects the principal position of employees, values democratic management by employees, and ensures that employees fully enjoy the rights to information, participation, expression, and supervision, thereby promoting the efficient and high-quality operation of the Company's democratic management system.

- The Company implements the Workers' Congress and Trade Union Management System. Every year, significant matters concerning employee interests, such as compensation, bonuses and benefits, are briefed, reviewed and voted upon through the Workers' Congress. A closed-loop management and feedback mechanism is established to protect employees' democratic rights. Employee representative Su Danglin serves as a member of the Company's Board of Directors.
- Company has established regular employees' feedback and consultation mechanisms. Dedicated channels such as "Muyuan Voice" and "Argument Channel" have been created to encourage employees to report issues truthfully. By responding promptly and efficiently to reasonable needs, we drive continuous management improvement and foster an environment where employees can work happily and live joyfully.

In 2025, Muyuan collected a total of 18,468 employee messages, covering areas such as human resources, compensation, benefits, catering services. The issue resolution rate reached 99.46%, effectively resolving issues and enhancing employees' satisfaction.

Employee messages collected

18,468

Issue resolution rate

99.46%

Talent development

Diversified learning platforms

Muyuan prioritizes talent development, focusing on professional, specialized, and echelon-based cultivation. Leveraging corporate culture, vision management, objective management, operations, and technical expertise, Muyuan established

a multi-dimensional talent cultivation framework. Utilizing its "AI Pig World" platform, the Company integrates online and offline training. Muyuan has created an integrated online and offline training system offering courses in farming techniques, disease prevention and control, and management skills. Distinctive development methods such as the "master-apprentice" program and "technical skills competitions" are employed to strengthen hands-on capabilities, fostering well-rounded talent equipped with both technical expertise and management competencies.

Type	Target Audience	Training Content and Objectives
New employee: Induction training	All employees	Through a combination of online and offline training, the Company offers programs covering corporate culture orientation for new employees, essential knowledge for onboarding, and professional competence development. These initiatives help new staff quickly take their roles, establish sound values and mindsets, and ultimately achieve personal growth within the organization.
Professional competency training	Junior engineer	Standard Operating Procedure (SOP) training is offered to help employees rapidly master business processes and job skills for immediate role readiness.
	Intermediate engineer	Employees continue to enhance higher-level professional skills while progressively acquiring critical project management capabilities, developing into well-rounded technical leaders.
Management capability training	Mid-to-senior managers	Leadership development programs covering vision management, objective management, performance management, mechanism design, innovation capabilities, and talent cultivation to enhance managerial competencies. Dedicated mentors and coaches provide personalized guidance to stimulate wisdom and elevate senior leaders' self-awareness.
General skills training	All employees	Training programs cover essential office software operation skills, communication abilities, time management, project management and professional etiquette, enhancing employees' vocational competencies. Emphasis is placed on individual self-management and team collaboration techniques.
Learning resources	All employees	Resource platforms such as AI Pig World and learning platforms support self-learning and continuous improvement of employees.

In 2025, Muyuan invested CNY 750 million in vocational training, achieving 100% employee coverage with an average training duration of 40 days per employee.

Investment in vocational training

750 million CNY

Average training duration

40 days

Among these initiatives, 21 specialized training sessions for "Pig Farming Engineers" were conducted internally, training a total of 8,114 person-times.

Specialized training for "Pig Farming Engineers"

21 sessions

Number of training participants

8,114 person-times

Additionally, the Company implemented a "Certification for All" skills training program, covering a cumulative total of more than 80,000 person-times in vocational skills certification by the end of 2025.

Vocational skills certification count

80,000

Comprehensive mentorship mechanism

Muyuan implements a comprehensive mentorship mechanism covering critical stages of employee development. Upon joining, new employees are assigned outstanding mentors for holistic guidance ranging from job skill instruction to workplace and daily life support. When employees transition to new roles or engage in new projects, the Company will assign experienced mentors in the corresponding fields to provide targeted guidance. This enables employees to address skill challenges and key business priorities in their new positions or projects, ensuring precise alignment of their capabilities with role requirements. In 2025, the Company held its 17th Mentor-Apprentice Initiation Ceremony, matching 41,974 apprentices with 20,150 mentors.



17th Mentor-Apprentice Initiation Ceremony

Career development

Muyuan prioritizes talent as the cornerstone of its development, adhering to the philosophy that "the essence of management is love" and using mechanisms to enhance the height of employees' lives. The Company actively fosters a learning and innovative organization. It builds platforms that provide employees with competitive compensation and broad career development opportunities, enabling mutual growth between employees and the Company.

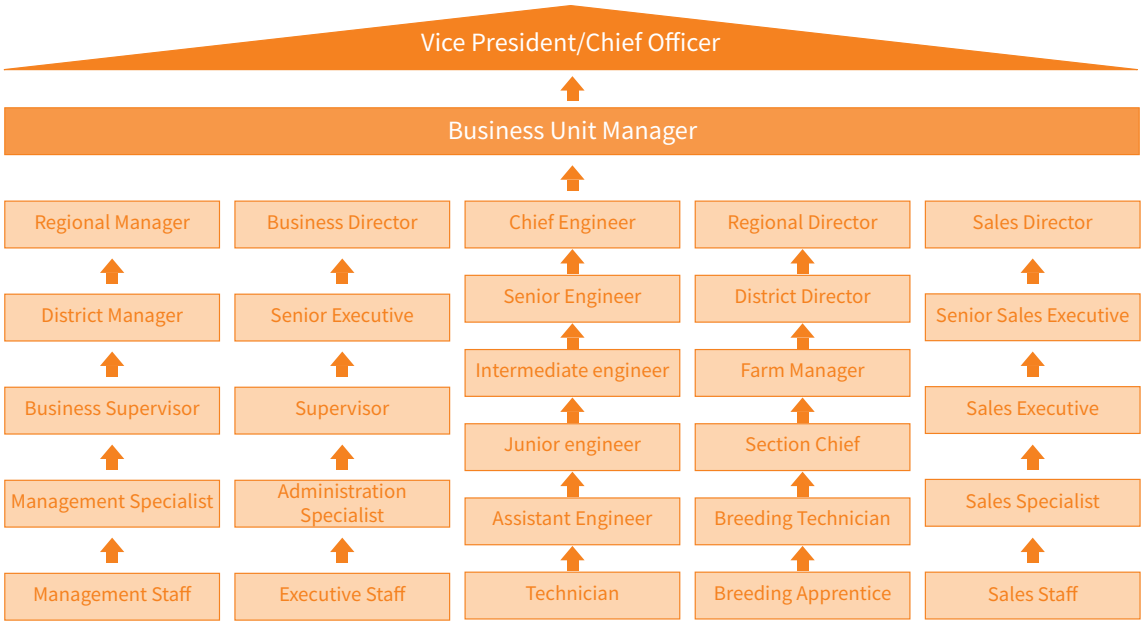
Leadership selection follows the "Three Criteria for Managers" principle. Our "Talent Pool" cultivation mechanism empowers individuals in the pool in a targeted manner. Through role transition empowerment and the assignment of mentors, new managers are supported in quickly adapting to their roles.

Talent Pool Categories	Training Scheme
Talent Pool for First-level Directors/ Talent Pool for Key Project Leaders	- Executive Mentorship - Participation in company-level key meetings with mentorship - Certification of essential knowledge for talent pool inclusion: Books, leadership standards, management tools - Job rotation - Key project assignments - External learning opportunities
Talent Pool for Second-level Directors/ Talent Pool for Farm Managers and Section Chiefs	- Critical project assignments - Coach matching - On-site mentoring - Specialized training programs - Five Mutual Models: Mutual assistance, mutual learning, mutual questioning, mutual assessment, mutual evaluation - Thematic seminars - Regular performance reviews

The Company has integrated relocation experience into its key positive incentive framework for executives. Those possessing critical experience in non-local assignments are prioritized in selection and appointment processes. Furthermore, executives who meet performance benchmarks and have identified qualified successors are eligible to apply for open competitions for positions at the same or higher levels across any of the Company's regions.

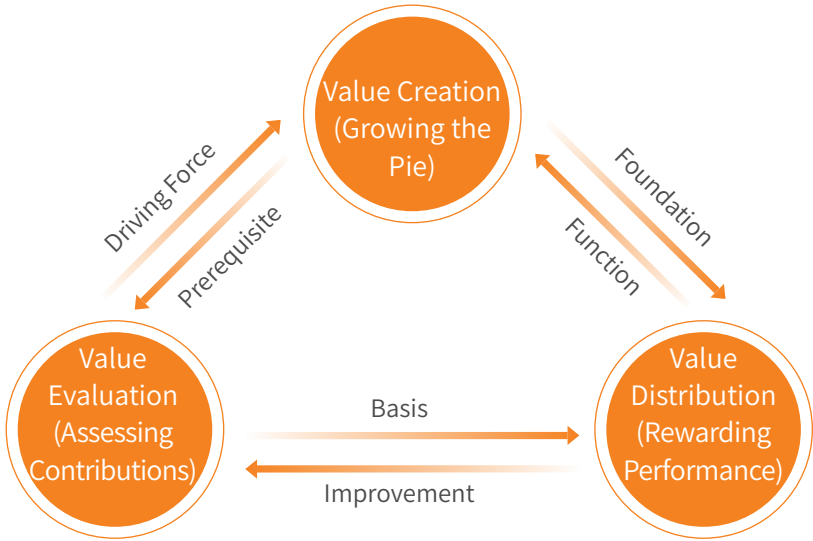
The Company values the holistic development of its employees, offering broad vertical promotion opportunities while expanding horizontal career pathways. By comprehensively considering employees' performance, capabilities, characteristics and aspirations, Muyuan ensures that each individual's potential is fully tapped. The Company adheres to the principle of dynamic personnel management, where even managers who have been relieved of their duties have the opportunity for re-appointment if they demonstrate the requisite capabilities and meet the criteria.

The selection process is conducted with strict adherence to the principles of openness, fairness, and impartiality. Employees who believe they have encountered unfair treatment may file anonymous appeals with the Company. Muyuan strictly prohibits retaliation in any form and is committed to upholding employees' legitimate rights and interests.



Talent incentives

Guided by the goal of delivering customer value, the Company is deeply committed to driving value creation and shares development achievements with its employees. Guided by the "three performance outcomes", namely, profit, sustainable profitability and long-term success, it conducts immediate evaluations and timely rewards. Adhering to the principle of "those who create benefit shall benefit, those who create first shall benefit first, and those who create more shall benefit more", Muyuan employs professional compensation management personnel and rewards based on contribution.



The Company implements a compensation structure that combines explicit compensation and implicit compensation, establishing a highly motivational comprehensive compensation system for its employees based on capabilities and achievements.

Muyuan Compensation & Benefits System																													
Visible Remuneration							Potential Compensation					Honors																	
Competitive Compensation				+	Equity incentive		+	Benefits		+	Learning & Opportunities		+	Promotion		+	Trust & Empowerment		+	Honors									
Salary		Performance Award																											
Skill-based Pay	Position Allowance	Profit-sharing Award		Business Unit Performance Award		Individual Innovation Award		Loyalty + Achievement Recognition Equity Allocation Equity Incentive				Commercial Insurance Housing Benefit Festival Gifts Meal Subsidy				Study: Industry Exchange External Training Training Opportunity: Participation in Key Projects				Opportunities for Growth and Experience Contract Employment System Cross-Generational Promotion				Recognition and Encouragement Merit-Based Selection				Commendation Honorary Titles	

By the end of 2025, Muyuan had launched 4 Employee Stock Ownership Plans and 3 Restricted Stock Incentive Plans, comprising 16,988 instances of employee stock ownership. The average annual salary of Muyuan's employees in 2025 stood at CNY 131.5 thousand.

Employee Stock Ownership Plans had launched	Restricted Stock Incentive Plans	Number of employees with stock ownership	Annual average salary per employee
4	3	16,988	131.5 thousand CNY

Employee well-being

In 2025, the Company prioritized its "Employee Happiness Initiative", investing CNY 316 million to a comprehensive enhancement of employee welfare to cultivate the well-being of employees' families with care. By implementing diverse measures - ranging from improved holiday benefits and vibrant cultural activities to strong support for professional development and employees' children's education - we have delivered sincere care to warm hearts and solid investment to protect growth. Our goal is to cultivate a deep sense of belonging and well-being, empowering our workforce to work with joy and live happily, growing in tandem with the Company.

Benefits and leave

Muyuan has established a comprehensive benefit and leave system, strictly implementing policies such as the *Leave Management Policy* and *Attendance Management Policy* to safeguard employees' physical and mental health, fostering mutual growth between employees and the Company.

Employee benefits

To address employees' diverse benefit needs, the Company continuously expands and improves its benefit system. It keeps upgrading its one-stop benefit platform that covers nine key areas, namely, clothing, food, housing, transportation, daily necessities, education, health, emotional well-being, and financial support, offering meal subsidies, communication allowances, holiday benefits, subsidized housing, birthday celebrations, newborn care packages, nursing rooms, and more.

Employee leave

Beyond statutory holidays and paid annual leave, Muyuan provides additional leave types including sick leave, family visit leave, marriage leave, bereavement leave, prenatal check-up leave, maternity leave, breastfeeding leave, parenting

leave, and personal leave. Measures such as rotational breaks, fragmented time management, and flexible attendance are implemented according to production and operation characteristics to flexibly promote working hour control.

Support for the development of female employees

Strictly following the Law of the *People's Republic of China on the Protection of Rights and Interests of Women* and the *Provisions on the Scope of Prohibited Labor for Female Employees*, Muyuan prohibits the assignment of female employees to engage in work prohibited by the State. The Company fully protects female employees' rights to empower working women's development.

Encouraging working couples: Every year, the Company offers the "Model Couple" award to recognize couples who have demonstrated outstanding work performance, inspiring more employees to achieve balance and success in both their professional and family lives. By the end of 2025, 7,104 working couples were working together at Muyuan.

Support for postpartum women: In addition to providing maternity leave for women, the Company offers paternity leave for men, ensuring that women's legitimate rights and interests are effectively protected. Based on individuals' needs and career aspirations, the Company designs personalized development pathways for postpartum female employees, ensuring their continued opportunities for meaningful roles and promotion. The Company provides convenience for female employees.

Muyuan actively protects women's rights and workplace status, offering female employees fair treatment and comprehensive protection. By the end of 2025:

Proportion of Female Executives	Number of Female Employees	Proportion of Female Employees
36%	28,257	22%

Employee care

Employee health

Physical examinations: The Company organizes annual physical examinations for all staff on active duty. Tailored physical examination packages are customized according to job characteristics (production frontline, management, etc.) and health needs of employees across different age groups. In 2025, 100% of the employees take physical examinations. The Company conducted 45 health training sessions for employees and provided health consultation services for 6,316 employees with abnormal examination indicators, further enhancing the well-being of employees' families with care.

Health training for employees	Employee physical examination coverage rate
45 sessions	100%

Free health consultation: The Company invited medical teams from hospitals to conduct 35 on-site free health consultations, serving 1,517 employees and their family members.

Free health consultation	Employees and family members served
35 sessions	1,517



Physical Examination for Employees and Their Family Members



Free Health Consultation Event

Vaccination services: In response to seasonal characteristics and employees' health needs, the Company organized vaccination services for influenza, HPV, hepatitis B, etc., coordinating medical personnel to provide on-site vaccinations. A total of over 60,653 employees were vaccinated.

Number of employee vaccinated

60,653

Health and safety assurance: The Company invested CNY 4.6071 million in commercial insurance for its employees. This initiative further bolsters our health and safety protection system, providing a more comprehensive and robust safeguard for both the professional and personal lives of our workforce.

Investment in employees commercial insurance

4.6071 million CNY

Routine health supplies: In response to the heightened risk of seasonal influenza during autumn and winter, the Company uniformly distributed standardized flu medication kits to all production sites, protecting employees' health and maintaining steady operations.

Retiree care

In 2025, the Company distributed Mid-Autumn Festival and Spring Festival benefits to 221 retirees. Retired employee representatives were invited to participate in events such as the Company's annual recognition ceremony and Spring Festival gathering.

Assistance for families in need

To address financial distress arising from critical illnesses, natural disasters, or unexpected accidents affecting employees or their families, the Company has established a dedicated relief mechanism. In 2025, a total of CNY 1.7102 million in relief funds was disbursed. These efforts have effectively alleviated the financial burden on struggling households, providing a solid safety net for both employees and their dependents.

Special care initiatives

During extreme heat periods, the Company distributed heatstroke prevention supplies to frontline employees.

For employees hospitalized due to illness or accidents, the Company promptly arranged dedicated staff to visit them either in the hospital or at home, delivering care packages and financial assistance. During these visits, staff members carefully inquired about the employees' treatment and recovery progress as well as any practical difficulties faced by their families, and coordinated support to address these needs.

Cultural activities for employees

Muyuan enriches the lives of its employees by conducting diverse cultural activities on a regular basis. The Company organizes themed events such as National Day galas, International Women's Day celebrations, birthday parties, sports meets, and social gatherings for young employees. Meanwhile, during traditional festivals such as the Spring Festival, Mid-Autumn Festival, and Winter Solstice, the Company organizes featured activities like dumpling-making and reunion dinners. Through these diverse cultural platforms, the Company conveys its corporate warmth and fosters a happy, warm, harmonious, and comfortable work-life atmosphere for all employees.



Spring and Winter Sports Meets for Employees in 2025



Birthday parties

Special Care through Parent-Child Program

Guided by the cultural philosophy of "Bringing happiness to every family and joy to every child", Muyuan has established the "Parent-Child Empowerment Program" to provide children with opportunities for learning, growth, and broadening their horizons. This program is aimed to foster correct values, cultivate a positive attitude towards life, as well as promotes communication and co-learning among parents. Through this program, which serves nearly 90,000 employee children, we empower the next generation to achieve brilliant futures, allowing our employees to work with greater peace of mind and fully enjoy their lives.

Parent-child program conference

The Company hosted the 40th and 41st Parent-Child Program Conferences where parents shared parenting experiences and children showcased their talents. All Muyuan employees and their families collectively witnessed the growth and transformation of parents and children.



The 40th Parent-Child Program Conference

Educational travel for growth

The Company vigorously promotes specialized educational travel programs, including international study tours, domestic educational excursions and leisure getaways. In 2025, a total of 64 such activities were organized for employees' families and children, serving 5,329 participants.



Educational Summer Camp for Employees' Children

Child education & daycare services

The Company provided full-day and after-school daycare services for employees' children, offering cozy accommodation, safe and convenient shuttle services, and professional homework guidance. These services comprehensively addressed childcare needs during non-working hours, serving 537 children throughout the year.



Children's interest development

Catering to employees' children's extracurricular needs, the Company organized interest classes including dance, art, eloquence training, calligraphy, basketball, badminton, early English, and preschool education, serving 408 children of employees throughout the year.



Cultural space

In collaboration with the government, the Company established the "Zhuge Book House" and assumed full responsibility for its daily operations. Regular activities centered on child development, including daily story sessions, weekly movie-watching, and special educational programs, were organized throughout the year. In 2025, the Book House served a total of 60,000 visitors and was recognized by the Provincial Department of Culture and Tourism as a "2025 Henan Provincial Model Case for New Public Cultural Spaces", receiving a prize of CNY 100,000.



Family reunion initiative

During the Spring Festival, summer vacation, and National Day holiday, the Company organized family reunions at its facilities, providing 100% free accident insurance coverage for all visiting family members. Comprehensive support covering clothing, food, accommodation and transportation was arranged, along with a variety of team-building activities. Tutoring teachers were selected to provide on-site homework guidance for visiting children. To date, the Company has invested a cumulative total of over CNY 30 million in this initiative, benefiting 14,402 individuals.



Family Open Day

Family Open Day activities were regularly organized where family members toured Muyuan's intelligent breeding industry chain, enhancing employees' sense of belonging and family members' trust. In 2025, Muyuan's Family Open Day activities reached 1,417 people across 537 families.



Work safety

Muyuan consistently upholds the principle of "Safety First", strictly complying with relevant laws and regulations including the *Work Safety Law*, the *Fire Prevention Law*, and the *Emergency Response Law*. The Company has established clear safety goals of "zero casualties" and "zero occupational diseases". Implementing the principle that "those managing operations are responsible for safety", all business lines fully adopt the Company's safety management requirements, continuously strengthening the safety management system to ensure risks are controllable and the safety situation remains steady.

In 2025, Muyuan invested a total of CNY 241.29 million in key safety initiatives, including the procurement of safety protection materials, safety culture training programs, and upgrades to safety hardware infrastructure, achieving 70% ISO 45001 certification rate for safety-related operations.

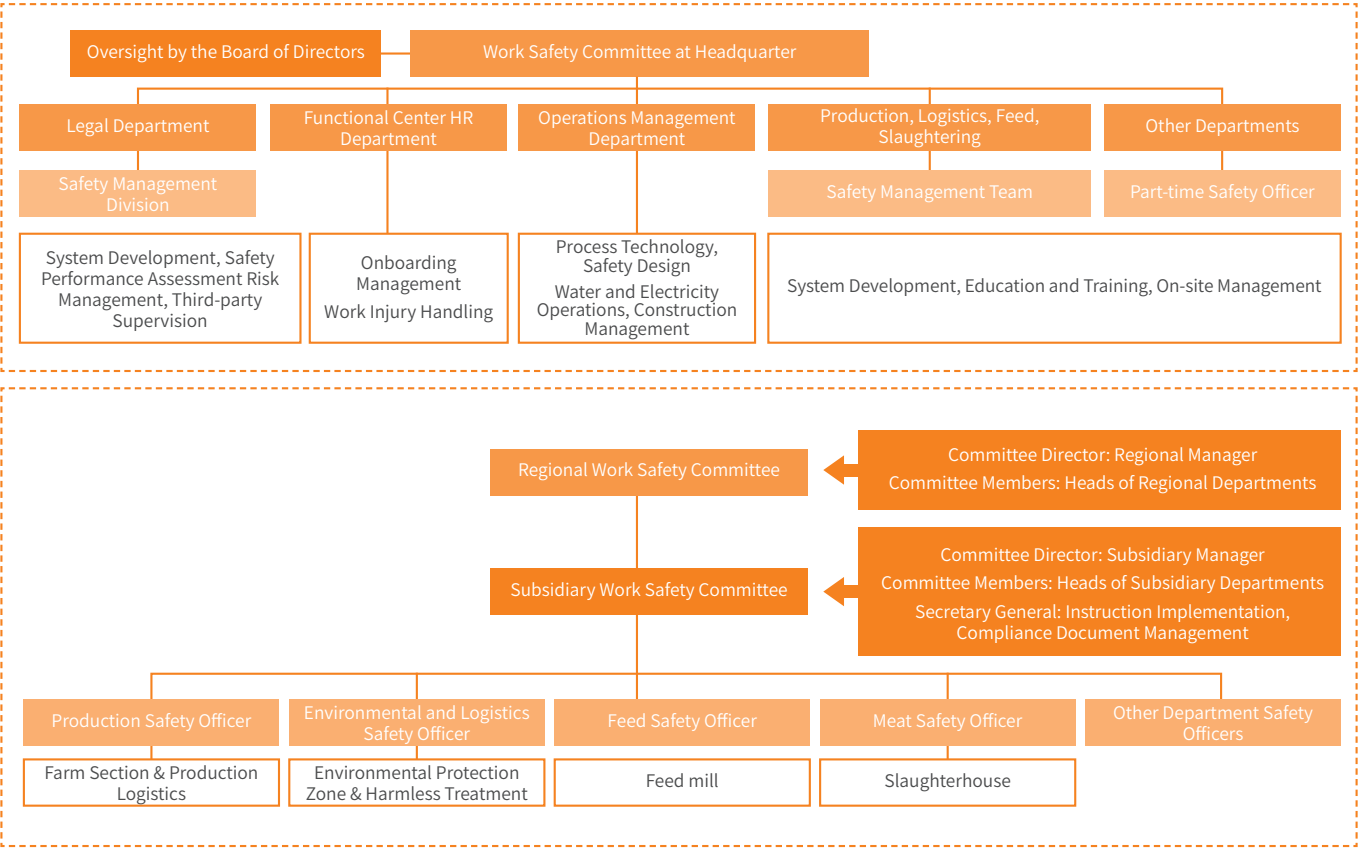
In 2025,
Investment in Workplace Safety
241.29 million CNY
ISO 45001 certification rate for safety-related operations
70%

Safety management system

Muyuan rigorously implements institutions and mechanisms including the *Safety Performance and Compensation Linkage Policy*, the *Safety Management Policy*, the *Safety Management Operation Checklist*, and the *Work Safety Responsibility Agreement*, continuously improving the supervision system where "Everyone is a Safety Officer".

The Company has established a robust safety management framework characterized by "Board Oversight, Headquarters Coordination, and Regional Implementation." The Board of Directors is responsible for formulating overarching health and safety management strategies and supervising the execution of major safety decisions. The Chief Financial Officer (acting as CEO) holds full accountability for the daily advancement of safety management and ensures the effective implementation of Board resolutions. At the Headquarter level, the Safety Production Committee orchestrates overall safety management by establishing unified standards, decomposing strategic targets, and conducting consolidated performance assessments across all regions. At the Regional & Subsidiary level, local Safety Production Committees are tasked with on-the-ground execution, specifically implementing mechanisms for graded risk control and hidden hazard identification and remediation.

Furthermore, during system operations, the Company actively establishes a consultation and participation mechanism with employees and the Employee Congress. This approach encourages full staff engagement in safety management, enabling efficient, real-time hazard reporting, dynamic clearing, and closed-loop management.



Safety Management Structure

Muyuan has established a health and safety performance linkage mechanism, integrating work safety indicators into their annual bonus and incentive schemes. We combine baseline constraints with positive incentives, implementing differentiated compensation based on safety performance outcomes. The Company conducts an internal audit every year to comprehensively review the implementation of safety policies and assessment measures, as well as workplace risks. Based on audit findings, the Company revises and improves policies to ensure their effectiveness and adaptability.

Safety risk management

By implementing a comprehensive five-step strategy - comprising precise risk identification, graded risk prevention and control, universal safety training, routine safety inspections, and standardized emergency management - the Company has constructed a systematic and robust safety management system. This holistic approach has driven a sustained and positive trend in workplace safety performance, laying a solid foundation for the achievement of our strategic safety goals.

Risk identification

The Company has established a comprehensive safety risk identification system, combining the "Dual Prevention Mechanism" with the LEC (Likelihood, Exposure, Consequence) evaluation method to systematically identify risks across the entire production process. Through a three-tiered linkage mechanism involving self-inspection by posts, specialized investigations, and comprehensive assessments, we have identified 1,246 major risk categories, including confined spaces, mechanical injuries, falls from heights, and fire/explosion hazards. For each identified risk point, we have developed a risk register and risk distribution maps, clearly defining the four-level risk hierarchy (red, orange, yellow, and blue), their potential impact scopes, and responsible personnel. This provides a scientific basis for subsequent risk prevention and control, ensuring comprehensive coverage with no blind spots in risk management.

Risk prevention and control

Based on the risk identification results, the Company implements hierarchical and categorized control measures. For major risks, a "one risk, one solution" approach is adopted for focused management, utilizing inherently safe equipment and facilities, as well as safety interlocks, protective barriers, and automated control systems. For general risks, routine controls are implemented through the refinement of operating procedures and the enhancement of warning signage. For low-level risks, daily supervision is strengthened. In addition, a dynamic risk update mechanism has been established to regularly assess the effectiveness of control measures. This ensures that all risks remain within a controllable range, achieving a strategic shift from passive response to proactive prevention.

Safety training

The Company has established a comprehensive training system encompassing "three-level safety education", specialized training, and emergency drills. New employees must complete and pass safety training at the corporate, site/workshop, and team levels before assuming their roles. For special operation personnel, certification training is provided; for high-risk positions, hands-on skills training is organized. In 2025, the Company delivered a total of 434 safety training sessions, achieving full employee coverage and a 100% pass rate. Through initiatives such as case-based safety education, safety knowledge competitions, and skills contests, the Company continuously strengthens safety awareness and emergency response capabilities across its workforce.

Safety trainings in 2025

434 sessions

Pass rate

100%

Safety inspection

The Company has established a safety inspection mechanism featuring "daily checks, weekly investigations, monthly summaries, and quarterly assessments." Daily checks are conducted by site or facility personnel, focusing on equipment operating status and the working environment. Specialized inspections are led by the Safety Department, targeting high-risk areas and critical periods. Comprehensive inspections are jointly conducted by the Safety Department and business units to holistically evaluate safety performance. All issues identified during inspections are subject to closed-loop management, which entails assigning clear responsible parties, defining corrective actions, and setting completion deadlines. A dedicated ledger is maintained for hazard rectification to ensure that hazard identification leaves no gaps and that corrective actions are implemented fully and without compromise.

Emergency management

The Company has refined its emergency response plan system, structured as "1 comprehensive plan + 6 specialized plans + 15 on-site response plans", covering emergencies such as fires, poisoning incidents, and natural disasters. Emergency rescue teams have been established and adequate emergency supplies are maintained. Regular emergency drills are organized; in 2025 alone, the Company conducted 17,531 comprehensive emergency drills, involving 90,000 participants. Furthermore, a 24-hour emergency on-duty system and an emergency linkage mechanism have been implemented, forming a collaborative emergency response network with local governments. This ensures that emergencies are "detected early, responded to quickly, and handled properly," minimizing casualties and property losses to the greatest extent possible.

Comprehensive emergency drills

17,531

Numer of participants

90,000



安全风险演练

Safety culture development

The Company has established a fourtier safety culture development system consisting of "prejob certification, daily awareness reinforcement, monthly progress review, and quarterly capability enhancement." Through integrated mechanisms, it is driving the shift of safety culture from regulatory compliance to voluntary practice, fostering an environment in which "safety is spoken by everyone, prioritized in every task, and ensured in every location."

Pre-job certification

All employees must pass safety knowledge examinations, practical skills assessments, and jobspecific risk identification evaluations. Only upon obtaining a Safety Operation Certificate are they permitted to work independently, adhering to the principle of "no work without training, no operation without qualification."

Daily awareness reinforcement

A five-minute morning meeting is held before each shift, where key risk points, safety measures, and lessons from past incidents related to the day's tasks are discussed, embedding safety awareness into daily work habits.



Monthly progress review

Monthly safety meetings at the business unit level are chaired by the respective heads. These sessions focus on reviewing monthly safety performance, analyzing recurring issues, and defining key action items, forming a closedloop management cycle of "identifying problems → analyzing causes → developing countermeasures → tracking implementation."

Quarterly capability enhancement

Quarterly safety meetings at the corporate level are chaired by senior executives. These meetings address major safety management issues, present safety assessment results, recognize safety role models, and outline strategic objectives for the coming period, reinforcing the "Safety First" value across the organization.

Safety management of contractors

The Company has established a full-process closed-loop system for contractor safety, deeply integrating safety management principles into every stage of contractor oversight.

Pre-qualification access

Contractor qualifications are strictly audited to establish the first line of defense. This involves reviewing the contractor's safety management system to verify that sound safety regulations, clear safety objectives and key performance indicators, and a professional safety management team and training framework are in place.

In-process control

Process supervision is strengthened to ensure effective implementation of safety measures. This includes providing preentry safety training for contractor personnel and implementing intelligent, fullprocess operational controls. In 2025, the Company conducted 9,982 operational reviews of contractors, identified 172 violations, and blacklisted two contractors, firmly upholding the safety baseline.

Number of contractor operation inspections	Number of violations investigated	Terminated and blacklisted contractors
9,982	172	2

Postevent evaluation

Performance assessments are refined to comprehensively evaluate contractor safety performance and encourage continuous improvement. Contractors with excellent safety performance are rewarded, while those that fail to meet performance standards are subject to penalties, including blacklisting and termination of cooperation.

Occupational health management

Muyuan strictly complies with the *Occupational Disease Prevention and Control Law of the People's Republic of China*, and implements the principle of prevention-first combined with prevention and control measures. This includes identifying and managing occupational hazard factors (such as dust, noise, and high temperatures), enhancing personal protection and dust/noise control measures, improving working environments, and conducting occupational disease prevention awareness campaigns and training to reduce occupational hazards and eliminate occupational diseases.

By upgrading to automated production lines, deploying high-efficiency dust collection systems, and implementing dynamic, full-process dust monitoring, Muyuan Feed Mills have reduced operational risks at the source. Coupled with regular employee health screenings, these measures have resulted in zero cases of pneumoconiosis for consecutive years.

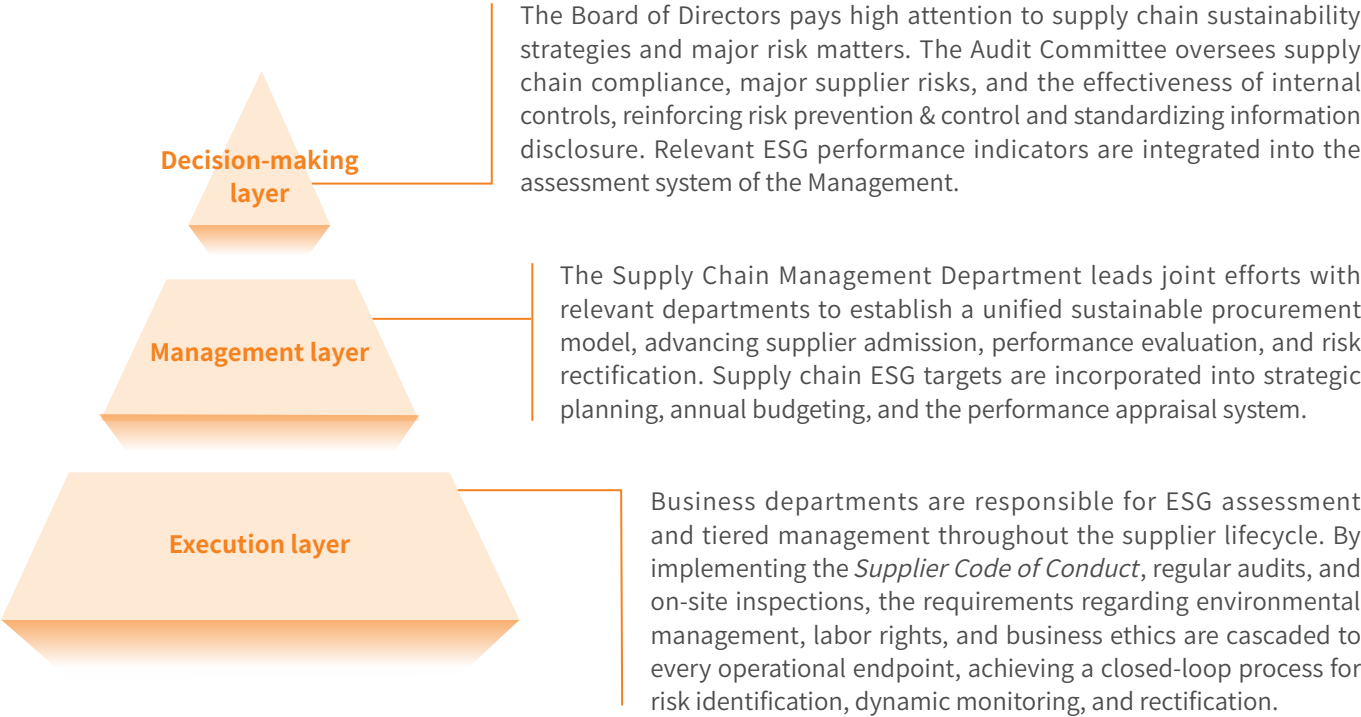
The Company implements the World Health Organization (WHO) action initiative on containing antimicrobial resistance and places high priority on the prevention and control of occupational health risks. Tailored to the specific characteristics of the breeding industry, the Company has integrated standardized antimicrobial usage protocols into its employee health management system. We strictly enforce national policies on antimicrobial reduction by optimizing breeding processes and strengthening biosecurity measures. Furthermore, by equipping frontline workers with professional protective gear, we have significantly minimized operational scenarios involving direct exposure to antimicrobial agents, thereby safeguarding employee health while ensuring food safety. Additionally, regular training on the rational use of antimicrobials and resistance monitoring are conducted to effectively reduce occupational exposure risks.

Sustainable Supply Chain

Guided by the business philosophy of "Fairness and Equity, Openness and Transparency, Simplicity and Ease, Efficiency and Mutual Success", Muyuan has established an industry connectivity platform, deeply integrating sustainability requirements

into the whole-process management of the supplier lifecycle. Leveraging its role as an industrial chain leader, the Company has continuously strengthened ESG pre-qualification audits, compliance empowerment, and dynamic evaluations. Collaborating with partners to deeply advance environmental protection and labor rights, it has built a robust, green, and competitive industrial ecosystem, continuously leading the value upgrading of the industrial chain.

Governance



The Company implements full lifecycle management for its suppliers, supported by a comprehensive set of policies: the *Supplier Code of Conduct*, *Supplier Admission and Qualification Management Policy*, *Supplier Onsite Audit Management Policy*, *Supplier Performance Bond Management Policy*, *Supplier Performance Evaluation Management Policy*, and *Supplier Removal and Reinstatement Management Policy*. These measures effectively manage supply chain risks, drive sustainable development across the supply chain, and create longterm value.

Supplier Code of Conduct		
Dimension	Initiatives	Prohibitions
Environmental protection	Proactively establish carbon reduction targets, encourage the use of clean energy, and reduce carbon emissions.	Discharge of untreated wastewater, waste gas, or solid waste is prohibited.
	Implement cleaner production to minimize pollutant generation at the source.	Illegal disposal of hazardous waste, or any activity causing soil or groundwater contamination, is prohibited.
	Promote resource conservation and recycling to reduce the consumption of water, electricity, and raw material throughout the production process.	Non-compliant production activities within ecologically sensitive areas, such as nature reserves and drinking water source protection zones, are prohibited.
Labor rights	Enhance employee well-being by establishing a transparent compensation structure to ensure remuneration aligns with contribution.	The use of child labor is prohibited; no minors under the age of 16 shall be employed.
	Foster a diverse and inclusive culture that safeguards equal employment opportunities for all staff.	Forced labor is prohibited, as is the withholding or delayed payment of employee wages.
	Respect freedom of association and maintain open internal channels for communication and appeal.	Discrimination against employees based on race, color, gender, religion, or other factors is prohibited.
		Corporal punishment and harassment are prohibited; Depriving employees of their right to democratic communication is not allowed.

Health and safety	Establish a comprehensive safety management system that covers all employees and processes, clearly defining safety responsibilities at every level.	Concealing, falsifying, or delaying the reporting of production safety accidents and biosafety incidents is prohibited.
	Proactively identify and eliminate occupational hazards in the workplace (such as dust, noise, and extreme heat) and provide necessary personal protective equipment.	
Business ethics	Regularly organize occupational health and safety training for employees to enhance their safety awareness and self-protection capabilities.	Performing special operations, operating special equipment, or transporting hazardous materials without proper qualifications is prohibited.
	Strengthen internal anti-corruption controls to proactively identify and disclose potential conflicts of interest.	
	Operate with integrity and respect market mechanisms, driving long-term growth through product quality, service excellence, and technological innovation.	
	Cultivate a culture of integrity by conducting regular training for employees on anti-corruption and anti-commercial bribery.	Transferring benefits to secure illegitimate commercial gains is strictly prohibited; Engaging in unfair competitive practices, including bid-rigging (collusion with other suppliers) or price manipulation, is prohibited.
	Proactively report any improper conduct discovered in partnerships to jointly maintain a clean and ethical business ecosystem.	
		Infringement of intellectual property rights is prohibited.

Strategy

Muyuan identifies the impact of procurement compliance, environmental admission standards, and integrity across all links of the industrial chain. By accurately assessing potential opportunities arising from global supply chain fluctuations and the green transition trend, we continuously refine a responsible, transparent, and traceable sustainable supply chain system. While mitigating systemic risks within the industrial chain, we lead the coordinated development of upstream and downstream partners to build a mutually beneficial industrial ecosystem.

Type	Description	Timeframe
Impact	Extending ESG standards to upstream partners to drive their synchronized improvement in ESG governance.	Short, medium, and long term
Impact	Enhancing the supply chain's overall resilience against market volatility through technological empowerment.	Short, medium, and long term
Opportunity	Strategic investments or partnerships with key suppliers can strengthen supply stability and price control, smooth out cycles, and safeguard cost competitiveness.	Short, medium, and long term
Opportunity	Building a sustainable supply chain system to secure green financing support and become a preferred partner for major brands and international markets.	Medium and long term
Opportunity	Treating SMEs equitably to avoid excessive supplier dependency and introduce competition, thereby lowering procurement costs, ensuring supply security, and reducing downtime losses.	Short, medium, and long term
Risk	Severe shortages or uncontrolled prices of major feed raw materials could impact costs, erode profits, and even lead to idle production capacity.	Short-term
Risk	Logistics network paralysis would lead to fulfillment failures, livestock losses, and increased emergency costs.	Short-term
Risk	Insufficient support for SME suppliers may lead them to compromise on quality and safety standards, increasing production and compliance costs.	Medium and long term

Impacts, risks, and opportunities

Supply chain risk identification and assessment

The Company has established a comprehensive supplier risk assessment framework that evaluates partners across five critical dimensions: product quality, work safety, environmental impact, labor rights, and business ethics. Based on these assessment outcomes, we implement targeted management strategies to address specific risks and drive continuous improvement. This data-driven approach significantly enhances the resilience and sustainability of our global supply chain.

Supplier due diligence and access management

Aligned with the *OECD Due Diligence Guidance for Responsible Business Conduct* and the *Supplier Access Management System*, Muyuan has integrated health, safety, and environmental protection criteria into its new supplier qualification process, and has implemented a comprehensive supplier ESG due diligence procedure.

Qualification review	On-site inspection	Agreement signing
We verify supplier qualifications, including HSE system certifications, quality management system certifications, pollutant discharge permits, and energy management system certifications.	We assess suppliers' statuses, including production & operations, facilities and plants, personnel, internal controls, and financial management.	We require suppliers to sign mandatory documents such as the <i>Supplier Integrity Commitment</i> , the <i>Biosafety Commitment Letter</i> , and the <i>Supply Agreement</i> .

Supplier empowerment and training management

Muyuan launches a two-way empowerment training program across its supply chain, encompassing anti-corruption, biosecurity, supply chain finance, and logistics visualization, to drive supplier compliance with procurement standards and requirements. In 2025, the Company empowered 6,984 suppliers through training, achieving an overall supplier training coverage rate of 97% and a core supplier training coverage rate of 100%.

Suppliers trained	Overall supplier training coverage rate	Core supplier training coverage rate
6,984	97%	100%

Supplier performance assessment and management

Performance evaluation: We have integrated key criteria - including business ethics, environmental stewardship, and labor management - into our supplier onboarding and annual audit frameworks. Priority is given to core indicators such as governance, environmental compliance, and social responsibility.

Dynamic management: Suppliers with records of non-compliance are subject to corrective actions within specified deadlines, downgrading of their partnership status, or termination of cooperation, as appropriate.

Positive incentives: Suppliers that proactively advance carbon reduction initiatives, adopt green packaging solutions, or upgrade their labor rights management systems are recognized with honorary titles. These partners are prioritized for long-term strategic collaborations and receive preferential order allocation.

There were zero recorded instances of violations against the Supplier Code of Conduct in 2025.

Supplier anti-corruption management

Muyuan is committed to strengthening clean governance and anti-corruption efforts, working with suppliers through mutual supervision to foster a fair and transparent cooperative environment.

The Company requires all suppliers to sign the *Integrity and Honesty Agreement*, and attend integrity awareness training sessions. Passing an online exam with full scores is a prerequisite for cooperation. The agreement clearly states that bribery, improper associations, and fraudulent activities are strictly prohibited.

Prior to admission, suppliers are required to deposit an Integrity and Good Faith Security Deposit. In the event of any violation of the *Integrity and Honesty Agreement* during the cooperation period, the deposit will be forfeited. Additionally, quarterly supplier training meetings are convened, covering topics such as integrity and ethical compliance. In 2025, 100% of Muyuan's suppliers signed the *Integrity and Honesty Agreement*.

Indicators and objectives

Muyuan has deeply integrated sustainable supply chain issues into its procurement and risk management systems, systematically identifying their impacts on resource supply stability, industrial chain compliance and ecological value creation. By strengthening full-chain penetration management, the Company has built a mutually beneficial, win-win, resilient and robust supply ecosystem.

Indicator	Data
Total number of suppliers	7,178
Domestic suppliers (including Hong Kong, Macao, and Taiwan)	7,147
Overseas suppliers	31
First-tier supplier	5,995
Number of suppliers trained	6,984
Overall training coverage of suppliers	97%
Training coverage of first-tier suppliers	100%
Procurement contract fulfillment rate	98.4%

To enhance ESG governance capabilities and performance in the supply chain, Muyuan has established standards from the following two dimensions:

Supplier risk review: Continuously refine supplier admission criteria to cover key indicators, including business ethics, environmental protection, employee health and safety, and labor rights.

Supplier honor incentives: Establish specific requirements for suppliers regarding environmental protection, health and safety, labor management, and business ethics. Conduct quarterly training and communication sessions, and implement honor-based incentives through performance evaluations.

Responsible procurement

Muyuan rigorously controls raw material quality through measures such as sustainable soybean procurement, and collaborates with upstream and downstream partners to build a green and responsible supply chain ecosystem.

Based on the RTRS (Round Table on Responsible Soy) certification standards, the *EU Deforestation Regulation* (EUDR), and the domestic *Guidelines for Green and Sustainable Development of the Soybean Industry*, the Company conducts deforestation risk assessments for core protein raw materials such as soybeans and soybean meal. We have built a three-tier risk assessment model covering planting, processing and circulation":

Planting	Source compliance	Whether planting plots are located in ecologically sensitive areas; whether planting methods involve sustainable technologies; whether planting entities possess relevant certificates and certifications.	40% (weight)
Processing	Supply chain traceability transparency	Whether full-chain traceability data are available; whether batch products can be traced to specific planting regions; whether there is a risk of "commingling non-certified raw materials".	30% (weight)
Circulation	Regional policy & regulation	Assessing deforestation regulatory policies, law enforcement intensity, and ecological compensation mechanisms in the raw material producing countries/regions; whether the production area is listed on a "Warning List for High Deforestation Risks".	30% (weight)

Implementation of zero deforestation commitment

Muyuan requires suppliers to conduct supply chain risk assessments for high-risk production regions—such as Brazil and Argentina—through independent third-party organizations (e.g., TFT, CDP).

Sustainable soybean product procurement

Muyuan strictly adheres to the Sustainable Sourcing Assurance Protocol (SSAP) standards and the "Three Zeroes" principle: zero deforestation, zero peatland development, and zero conversion of High Conservation Value (HCV) and High Carbon Stock (HCS) areas, incorporating the procurement of sustainable soy products into the core of its supply chain management system. For soybean raw material sourcing, a full-chain traceability and compliance verification mechanism has been established, requiring that all soybeans supplied originate from legally cleared farmland, with no conversion of native forests, peatlands, or other sensitive ecosystems after January 1, 2020, and fully comply with international and target market regulatory requirements, including the *EU Deforestation Regulation* (EUDR). In 2025, 42.6% of Muyuan's soy product procurement consisted of sustainability-certified products.

Equal treatment of SMEs

Muyuan treats its upstream and downstream partners equally, with a particular emphasis on safeguarding the legitimate rights and interests of small and medium-sized enterprises (SMEs). We have systematically optimized our payment terms to transform traditional transactional relationships into more collaborative and supportive strategic partnerships, fostering innovation and mutual growth. The Company has uniformly adjusted the major settlement cycles to monthly settlement, covering 1,031 suppliers on a monthly settlement basis, while all other suppliers are paid in strict accordance with their contractual agreements. For grain procurement from farmers, payments for transactions under CNY 10,000 are disbursed within 15 minutes after the weighbridge ticket is issued; for amounts exceeding CNY 10,000, payment is completed within 24 hours. These measures ensure timely and full payment, thereby improving suppliers' cash flow, alleviating their operational funding pressures, and effectively securing the liquidity safety and operational stability of SMEs.

Rural Revitalization

Muyuan fully and proactively aligns with China's National Rural Revitalization Strategy, coordinating environmental protection, economic development, and job creation to advance a just transition. Through industry-driven initiatives, the Company promotes agricultural prosperity, farmer affluence, and rural beauty and harmony, contributing to the cause of rural revitalization.

Strong agriculture

The Company remains deeply committed to its core business of swine production, achieving breakthroughs in twenty major technological areas, including swine breeding, intelligent farming, precision nutrition, and disease prevention and control. These advancements have enabled continuous improvement in production and operational metrics, as well as enhanced resource utilization efficiency. By producing more high-quality pork with fewer resources, the Company is achieving both economic and ecological benefits, driving the transformation and upgrading of the swine industry toward greater efficiency, low-carbon operations, safety, and sustainability.

Land conservation

Muyuan has innovated multi story swine buildings. For an annual slaughter capacity of 100,000 head, a multi story swine building occupies 85 mu (5.67 ha) of land, increasing land use efficiency by a factor of 4.3 while reducing water consumption by 70% compared to a single story facility. This represents a high degree of resource efficiency.

Energy conservation and consumption reduction

Muyuan has innovatively applied intelligent environmental control and precision intelligent ventilation technologies, continuously improving air utilization efficiency within swine facilities. In 2025, air consumption per pig was reduced by twothirds, effectively lowering resource and energy consumption.

Grain conservation

The Company has developed low soybean meal diet technology and shared it with the industry. In 2025, the proportion of soybean meal used by Muyuan decreased to 7.3%, significantly below the industry average. This technology not only saves CNY 15 in feed costs per pig but also carries substantial social value. If widely adopted across the industry, it could reduce China's soybean imports by 20 million tonnes annually, equivalent to saving 150 million mu of land that would otherwise be used for soybean cultivation - a significant contribution to national food security.

Prosperous farmers

Cultivating new-type professional farmers

Cultivating new-type professional farmers

Leveraging its integrated pork industry chain, Muyuan drives rural employment by prioritizing the recruitment of local villagers, achieving a local hiring rate of 91.49%. The Company has established a comprehensive training system for senior vocational technicians, equipping over 70,000 farmers with specialized skills in swine farming and meat processing. This initiative transforms traditional farmers into "professional & skilled" new-type farmers, raising their average annual income to CNY 131.5 thousand and contributing significantly to the goal of common prosperity.

Providing new pathways for displaced swine farming households

For farmers unable to continue operations due to challenges such as African Swine Fever, environmental regulations, or technical constraints, Muyuan offers a stable re-employment platform. To date, the Company has absorbed 7,000 former independent swine farming households into its workforce, enabling them to continue their careers in pig farming. This transition ensures a "risk-free production environment, streamlined management, and guaranteed income."

Attracting university graduates to modern agriculture

The Company empowers the swine industry with technological innovation, building a robust industrial foundation that positions pig farming as a modern sector with vast potential. This has attracted nearly 40,000 university graduates to return to rural areas and engage in agriculture, injecting fresh talent into rural revitalization and fostering innovation-driven vitality for modern agriculture.

Driving professional transformation among swine farming households

Leveraging its technological advantages and resource capabilities, Muyuan has constructed an industry interconnection platform that shares critical resources—including breeding stock, feed, technology, management expertise, and talent—with swine farming households. By adopting a model where the company handles complex operations while leaving manageable tasks to the farmers, Muyuan empowers these households to specialize. In 2025, this initiative is projected to guide over 10,000 swine farms (households) toward professional development, enabling them to raise pigs with greater ease, stability, and income security.

Boosting farmer incomes via crop-livestock integration

Crop-livestock integration

Each farm functions as a self-sustaining circular economy. Muyuan converts swine manure into high-quality liquid organic fertilizer to nourish farmland. Surrounding all its farms, a dedicated agricultural support pipeline network delivers this resource to local farmers free of charge, serving as a sustainable substitute for chemical fertilizers. To ensure scientific application, a team of 300 agronomists is deployed to the fields to guide farmers in soil testing and formulation. This initiative has established resource utilization pathways for 39 crops, including wheat, corn, apples, and lotus roots.

Agricultural technology services

Muyuan has established a 1,000-member agricultural service team. Through field workshops, technical seminars, harvest festivals, open days and household visits, the team provides farmers with hands-on guidance for scientific farming, thus promoting higher yields and income. Beyond this, the Company is committed to building harmonious and beautiful villages by organizing care activities during key festivals such as International Women's Day, the Double Ninth Festival, Laba Festival, Minor New Year, and Lantern Festival. In 2025, a total of CNY 33.56 million was invested in agricultural technical services. These initiatives served 256,800 swine farming households and covered 4,926,200 mu (approx. 328,400 hectares) of farmland. By reducing input costs and increasing yields, the program generated an average net income gain of CNY 206.43 per mu for farmers, resulting in a total annual benefit of CNY 1.02 billion in cost savings and income growth for the agricultural sector.

In 2025, the total investment in agricultural technical services reached CNY 33.56 million, benefiting 256.8 thousand farming households and covering 4.9262 million mu (328,415 ha) of farmland. These services helped farmers reduce input costs and increase income by CNY206.43 per mu, bringing a total annual benefit of CNY 1.017 billion.

Investment in agricultural technical services	Farmers served	Farmland served	Annual total income increase for farmers
CNY 33.56 million	256.8 thousand households	4.9262 million mu	CNY 1.017 billion

Direct procurement from farm to factory to maximize farmers' returns

Leveraging its massive demand for raw grains, Muyuan has established a Direct-to-Farmer Procurement model at feed mills nationwide. This initiative forges a precise connection between scattered smallholder farming and large-scale industrial processing, eliminating intermediate distribution links and realizing an end-to-end collaboration from "Farm" to "Factory". The Company shares the benefits of optimized channels with farmers. This ensures they achieve more stable and tangible income growth through direct sales. To date, Muyuan has established 106 direct procurement hubs nationwide, serving 21.2 thousand farming households. In 2025, the Company procured 944.2 thousand tonnes of raw grains directly from farmers, generating CNY 40.035 million in additional income for farmers.

Number of direct-to-farmer procurement	Farmers served	Raw grains procured directly from farmers	Additional income created for farmers
106 hubs	21.2 thousand households	944.2 thousand tonnes	40.04 million CNY



Beautiful rural communities

Muyuan is committed to building harmonious and beautiful villages by promoting industrial growth and implementing eco-circular practices.

Through technological innovation, the Company promotes sustainable swine farming. Leveraging the integrated crop-livestock recycling model, Muyuan ensures that all liquid manure is recycled and applied to farmland as organic fertilizer. Complementing this, the Company adopts advanced ammonia-reducing and deodorization technologies to purify exhaust air, ensuring emissions are odor-free and non-disruptive to surrounding communities, and fostering harmonious and beautiful villages.

The Company actively undertakes public welfare projects, voluntarily participating in the construction of rural roads to ensure smooth transportation between farms and villages. We also assist in building essential infrastructure such as street lighting, drinking water systems, and cultural squares. These initiatives enrich not only the material convenience of rural life but also the spiritual and cultural lives of villagers. By the end of 2025, Muyuan had donated a total of CNY 111 million to these public welfare projects, benefiting 1,832 villages.

CNY	Number of villages benefited
111 million	1,832



Charitable support for farmers

Support for rural education

Since 2003, Muyuan has continuously implemented the "JU'AI Education Assistance" Education Support Initiative. These efforts aim to improve rural education conditions and advance rural educational development. They also intend to nurture outstanding talent for society and contribute to broader social progress. By the end of 2025, the Company's cumulative donations had reached CNY 478 million.

Total contribution
478 million CNY

"JU'AI Education Assistance" Education Support Initiative · Spring Rain Program

Since 2003, Muyuan has introduced the concept of corporate performance appraisal into the incentive mechanism for rural teachers to uphold the value of respecting educators, inspire rural teachers' enthusiasm for teaching, and improve educational quality. By the end of 2025, the program had cumulatively donated CNY 132 million, recognizing 39.9 thousand outstanding education professionals, thereby injecting sustained momentum into rural education.

Cumulative donations by the program

132 million CNY

Number of outstanding educators commended

39.9 thousand



"JU'AI Education Assistance" Education Support Initiative · Golden Autumn Program

Since 2005, Muyuan has awarded scholarships to outstanding university students to encourage academic excellence, support educational development, and cultivate talent for society. By the end of 2025, the program had provided scholarships for 112.8 thousand students, with a total disbursement of CNY 315 million. In 2025 alone, scholarships totaling CNY 29.803 million were awarded, supporting 13.3 thousand university students in pursuing their dreams.



"JU'AI Education Assistance" Education Support Initiative · Spring Sprout Program

Since 2017, Muyuan has donated schoolbags, stationery, and other supplies to rural children to improve their learning conditions. As of the end of 2025, by the virtue of the program, the Company had cumulatively donated CNY 30.66 million and distributed 670 thousand "Love Backpack" gift packages to elementary school students. In 2025 alone, we distributed 16 thousand packages.

Cumulative donations by the program

30.66 million CNY



Volunteer activities

Muyuan has established dedicated volunteer teams, encouraging both employees and university students to actively engage in its philanthropic initiatives. In 2025, the program had 13,260 registered employee volunteers, who collectively contributed 72,930 hours of service, with volunteer footprint spanning 24 provincial-level administrative regions across China.

Number of registered employee volunteers

13,260

Volunteer service

72,930 hours

Volunteer service coverage

24 provincial-level administrative regions

ESG Key Performance Table

Topic	Performance Indicators	Unit	2023	2024	2025
Company Operations					
Company Operations	Market Hog Output	ten thousand heads	6,381.60	7,160.20	7,798.10
	Slaughter Volume	ten thousand heads	1,326.00	1,252.40	2,866.29
	Feed Production	ten thousand tonnes	2,317.00	2,531.90	2,764.40
	Operating Revenue	CNY 100,000,000	1,108.61	1,379.47	1,441.45
	Net Profit	CNY 100,000,000	-41.68	189.25	158.12
	Tax Paid	CNY 100,000,000	8.08	8.41	12.78
	Total Tax Paid in China	CNY 100,000,000	8.08	8.41	12.78
	Total Tax Paid Overseas	CNY 100,000,000	0.00	0.00	0.00
	R&D Personnel	person	6,681	6,486	6,539
	Percentage of R&D Personnel	%	5.09	4.85	5.13
	R&D Expenses	CNY 100,000,000	16.58	17.47	16.48
	Percentage of R&D Expenses	%	1.50	1.27	1.14
	Number of Patents Granted during the Reporting Period	item	185	138	79
	Cumulative Number of Patents Granted	item	1,626	1,764	1,843
Governance					
Corporate Governance	Board of Directors	person	7	7	8
	Independent Directors	person	3	3	3
	Percentage of Independent Directors	%	43	43	38
	Female Directors	person	1	2	2
	Percentage of Female Directors	%	14	29	25
	Board of Supervisors	person	3	3	3
	Female Supervisors	person	1	1	1
	Percentage of Female Supervisors	%	33	33	33
	Employee Representative Supervisor	person	1	1	1
	Percentage of Employee Representative Supervisors	%	33	33	33

Topic	Performance Indicators	Unit	2023	2024	2025
Corporate Governance	Shareholders' Meetings	time	2	2	3
	Board of Directors Meetings	time	8	9	9
	Attendance Rate of the Board of Directors Meetings	%	100	100	100
	Attendance Rate of the Board Strategy Committee Meetings	%	100	100	100
	Attendance Rate of the Board Audit Committee Meetings	%	100	100	100
	Attendance Rate of the Board Nomination Committee Meetings	%	100	100	100
	Attendance Rate of the Board Compensation Committee Meetings	%	100	100	100
	Attendance Rate of the Board Sustainable Development Committee Meetings	%	100	100	100
	Board of Supervisors Meetings	time	7	7	8
	Attendance Rate of Supervisory Board Meetings	%	100	100	100
	Investor Hotlines	time	1,500	1,491	1,500
	Interactive Q&As	time	490	270	298
	Investor Research Summaries	time	19	21	10
	Online 1 versus 1	time	/	56	90
	Online One-to-Many (Information Briefings)	time	9	6	4
	Offline Investor Research	time	/	15	35
	Strategy Meetings and On-site Roadshows	time	/	26	214
	Media Exchange Meetings	time	/	2	6
	Posts on the Investor Relations WeChat Official Account	time	/	47	33
	Number of Announcements	portion	226	193	268
	Distribution of Dividends	CNY100,000,000	40.03	45.05	80.85

Topic	Performance Indicators	Unit	2023	2024	2025
Business Ethics	Corruption and Bribery Incidents Investigated and Handled	case	126	69	50
	External Regulatory Penalties for Corruption and Bribery	CNY	/	0	0
	Employee Signing Rate of the <i>Integrity and Self-discipline Commitment Letter</i>	%	100	100	100
	New Employee Anti-corruption Education and Certification Rate	%	/	100	100
	Anti-corruption Education Coverage Rate for All Employees	%	/	100	100
	Anti-corruption Training Coverage Rate for Management Personnel	%	/	100	100
	Number of Employees Covered by Anti-corruption Training	person	/	/	127,550
	Amount of Litigation or Administrative Penalties Resulting from Unfair Competition	CNY 10,000	/	/	0
Information Security	Major Internal Information Security Incidents	time	0	0	0
	Internal Major Data Breach Incidents	time	0	0	0
Environmental					
Environmental Management	Amount of Environmental Protection Investment	CNY 100 million	/	/	35.04
	Environmental Complaint Response Rate	%	/	100	100
	Environmental Protection Penalty Incident	case	5	10	0
Energy Usage	Diesel	liter	79,547,301.79	115,410,000.00	112,210,947.49
	Gasoline	liter	/	/	14,372,371.60
	Gas	cubic meter	124,220,654.99	137,903,426.00	122,396,225.43
	Electricity Consumption	megawatt-hour	6,045,117.82	6,985,169.00	7,287,908.13
	Total Energy Consumption	tce	1,006,482.28	1,158,759.00	1,197,300.96

Topic	Performance Indicators	Unit	2023	2024	2025
Energy Usea	Energy Consumption Intensity	kgce / kg pork	0.20	0.20	0.17
	Biogas Consumption	10,000 cubic meters	3,445.07	3,725.00	4,435.44
	Biogas Power Generation	10,000 kWh	/	/	898.24
	Total Green Electricity Consumption	10,000 kWh	/	/	32,135.84
GHG Emissions	Scope 1 Emissions	10,000 tCO ₂ e	416.47	566.85	474.21
	Scope 2 Emissions	10,000 tCO ₂ e	381.54	433.43	388.34
	Scope 3 Emissions	10,000 tCO ₂ e	/	865.98	702.26
	Total Greenhouse Gas Emissions (Scope 1+2)	10,000 tCO ₂ e	798.21	1,000.28	862.55
	Greenhouse Gas Emissions (Scope 1 + 2 + 3)	10,000 tCO ₂ e	/	1,866.26	1,564.81
	Greenhouse Gas Emission Reductions	10,000 tCO ₂ e	434.00	529.14	605.88
Water Resources Management	Greenhouse Gas Emission Intensity (Scope 1+2)	tCO ₂ e per tonne of pork	0.964	0.905	0.883
	Total Water Withdrawal	10,000 cubic meters	/	21,449.20	24,102.52
	Municipal Water Withdrawal	ten thousand cubic meters	/	1,806.90	3,061.81
	Surface Water Withdrawal	ten thousand cubic meters	/	1,375.39	1,763.59
	Groundwater Withdrawal	ten thousand cubic meters	/	18,226.90	19,277.12
	Total Water Discharge	ten thousand cubic meters	/	680.27	17,353.12

Topic	Performance Indicators	Unit	2023	2024	2025
Water Resources Management	Surface Freshwater	ten thousand cubic meters	/	193.13	279.31
	Groundwater	ten thousand cubic meters	/	0	0
	Ocean	ten thousand cubic meters	/	0	0
	Municipal Pipeline Discharge	ten thousand cubic meters	/	487.14	1,112.31
	Total Water Consumption	ten thousand cubic meters	/	/	16,413.33
	Reclaimed Water Utilization	ten thousand cubic meters	/	/	15,961.50
	Reused Water Volume (Reclaimed Water)	ten thousand tons	/	/	451.83
	Water Withdrawal Intensity for Pig Farming	cubic meters per ton of product	/	25.06	22.41
Slaughtering Wastewater	Ammonia Nitrogen	tonne	/	/	42.67
	Ammonia Nitrogen Concentration	kg per ton of product	/	/	0.01
	COD Emissions	tonne	/	/	433.48
	COD Emission Intensity	kg per ton of product	/	/	0.13
Waste and Pollution	General Waste Generation	tonne	52,987.05	65,793.39	148,488.41
	Hazardous Waste Generation	tonne	/	24.20	60.21
	General Waste Intesity	kg per ton of product	/	47.29	45.45
	Hazardous Waste Intensity	kg per ton of product	/	0.02	0.02
	Solid Waste Compliance Disposal Rate	%	/	/	100

Topic	Performance Indicators	Unit	2023	2024	2025
Social					
Employment	Total number of Employees	person	131,276	133,642	127,550
	Number of Male Employees	person	103,032	107,766	99,293
	Number of Female Employees	person	28,244	25,876	28,257
	Number of College Student Employees	person	35,376	39,459	38,565
	Number of Veteran Employees	person	5,890	6,513	6,285
	Number of Ethnic Minority Employees	person	/	6,870	6,143
	Percentage of Female Employees among All Staff	%	21.51	19.36	22.15
	Total Number of Female Employees in Senior Management	person	/	/	9
	Percentage of Female Employees in Senior Management	%	26	27	27
	Number of Employees under Labor Contract	person	131,276	133,642	127,550
	Number of Dispatched Employees	person	0	0	0
	Number of Full-time Employees	person	131,276	133,642	127,550
	Number of Part-time Employees	person	0	0	0
	Local Labor Employment Rate	%	75.98	84.79	91.49
	Employees under 30	person	39,172	38,779	33,074
	Employees between 30-50	person	84,236	89,983	86,366
	Employees over 50	person	7,868	4,880	8,110
	Number of Employees Working in Mainland China	person	/	/	127,513
	Number of Employees Working in Hong Kong, Macau, Taiwan, and Overseas Regions	person	/	/	37
	Employee Turnover Rate	%	/	/	16.95

Topic	Performance Indicators	Unit	2023	2024	2025
Employee Training	Employee Training Coverage	%	100	100	100
	Grassroots Training Coverage	%	100	100	100
	Middle Management Training Coverage	%	100	100	100
	Senior Management Training Coverage Rate	%	100	100	100
	Training Expenses	CNY 100 million	7.00	7.20	7.50
	Average Training Duration per Person	day	18.5	37	40
	Percentage of Grassroots Personnel Trained	%	100	100	100
	Percentage of Middle Management Trained	%	100	100	100
	Percentage of Senior Management Trained	%	100	100	100
	Percentage of Male Employees Trained	%	100	100	100
	Percentage of Female Employees Trained	%	100	100	100
Employee Benefits and Compliance	Labor Contract Signing Rate	%	100	100	100
	Social Insurance Coverage	%	100	100	100
	Child Labor Incidents	case	0	0	0
	Forced Labor Incidents	case	0	0	0
	Employee Request Response Rate	%	/	/	99.46
Employee Health and Safety	Total Safety Production Investment	CNY 10,000	19,825.00	15,056.00	24,129.00
	Recordable Incident Rate	%	/	1.36	1.20
	Health and Safety Training Coverage	%	100	100	100
	Average Duration of Health and Safety Training per Person	hour	44	34	31
	Full-time Safety Personnel	person	62	44	78

Topic	Performance Indicators	Unit	2023	2024	2025
Employee Health and Safety	Employee Health Check-up Coverage	%	100	100	100
	Occupational Disease Incidents	case	0	0	0
Food Safety	Number of Product Recalls	time	0	0	0
	Food Safety Incidents	case	0	0	0
	Number of Participants in Food Safety Learning and Certification	person	/	112,100	92,932
	Product Inspection Pass Rate	%	100	100	100
	Product and Service Complaint Response Rate	%	100	100	100
Supplier Management	Total Number of Suppliers	number	9,500	8,186	7,178
	Number of Tier 1 / Direct Suppliers	number	/	/	5,995
	Number of Suppliers in Mainland China, Hong Kong, Macao, and Taiwan	number	9,500	8,164	7,147
	Number of Overseas Suppliers	number	/	/	31
	Supplier Training Coverage Rate	%	100	99.49	97
	Tier 1 / Direct Suppliers Training Coverage	%	/	/	100
	Purchase Contract Fulfillment Rate	%	99.50	99.58	98.40

Recordable Incident Rate = (Total number of recordable injuries and occupational diseases × 200,000) / Total employee hours worked in the reporting year.

Index Table of SHENZHEN STOCK EXCHANGE's Self-Regulatory Guideline for Listed Company No. 3 - Preparation of Sustainable Development Reports

Topic	Issue	Requirements	Chapter
General Requirements and Framework	Assessment of Material Topics	The time frame and period of the report should be consistent with the annual report. The outline should cover topics of both financial materiality and impact materiality. The reporting entity should conduct a materiality assessment and disclose the assessment process.	About This Report ESG Materiality Assessment
Addressing Climate Change	Addressing Climate Change	The structure and processes by which the company oversees and manages climate change risks and opportunities, as well as the role played by management.	Response to Climate Change
Pollution Prevention and Ecosystem Protection	Emissions	Companies should embed environmental protection into governance and strategy, disclose emissions data and related penalties, and report frameworks for ecological and biodiversity risk management.	Waste and Pollutant Governance
	Waste Management		Biodiversity and Land Use
	Ecosystem and Biodiversity Conservation		Environmental Management
	Environmental Compliance Management		
Resource Utilization and Circular Economy	Energy Utilization	Enterprises should disclose the management, use, and recycling measures of energy, water, and raw materials, along with consumption data.	Response to Climate Change
	Water Utilization		Water Stewardship
	Circular Economy		Waste and Pollutant Governance ESG Key Performance Table
Rural Revitalization and Giving Back to Society	Rural Revitalization	The enterprise's actions and contributions to rural revitalization and social welfare.	Rural Revitalization
	Social Contribution		
Innovation-driven Development and Technology Ethics	Innovation-driven Development	Businesses' pursuit of innovation aligned with scientific and technological ethics.	Innovation and Development
	Technology Ethics		Food Safety
Suppliers and Customers	Supply Chain Security	Supply chain risk management, accounts payable, product and service quality control (including after-sales and recall), and data security practices.	Sustainable Supply Chain
	Equal Treatment of Small & Medium Enterprises (SMEs)		Sustainable Supply Chain
	Product and Service Safety and Quality		Food Safety
	Data Security & Customer Privacy Protection		Cybersecurity and Information Security

Topic	Issue	Requirements	Chapter
Employees	Employees	Employee rights protection, health and safety management, and internal policy implementation.	Great Workplace
Sustainability-Related Governance	Due Diligence Stakeholder Communication	The company should disclose the systems and processes related to sustainability governance, as well as the communication with stakeholders.	Due Diligence and Stakeholder Engagement
Business Practices	Anti-Bribery and Anti-Corruption	Disclosure of the company's anti-corruption and anti-bribery framework, including governance structure, whistleblower protection mechanisms, and any reported incidents during the reporting period.	Business Ethics and Integrity Ecosystem
	Anti-Competitive Practices		

Index Table of HKEX ESG Reporting Code

Main Categories	Description	Chapter
A. Environmental		
Aspect A1: Emissions		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	Environmental Management Waste and Pollutant Governance
A1.1	The types of emissions and respective emissions data.	Waste and Pollutant Governance ESG Key Performance Table
A1.2	Total hazardous waste produced (in tonnes) and (if applicable) intensity.	ESG Key Performance Table
A1.3	Total non-hazardous waste produced (in tonnes) and (if applicable) intensity.	ESG Key Performance Table
A1.4	Description of emissions target(s) set and steps taken to achieve them.	Waste and Pollutant Governance
A1.5	Description of how hazardous and non-hazardous wastes are handled, and a description of reduction target(s) set and steps taken to achieve them.	Waste and Pollutant Governance

Main Categories	Description	Chapter
Aspect A2: Use of Resources		
General Disclosure	Policies on the efficient use of resources, including energy, water and other raw materials.	Environmental Management Response to Climate Change Water Stewardship
A2.1	Direct and/or indirect energy consumption by type in total and intensity.	ESG Key Performance Table
A2.2	Water consumption in total and intensity.	ESG Key Performance Table
A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them.	Response to Climate Change
A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency target(s) set and steps taken to achieve them.	Water Stewardship
A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	Response to Climate Change
Aspect A3: The Environment and Natural Resources		
General Disclosure	Policies on minimising the issuer’ s significant impacts on the environment and natural resources.	Environmental Management Water Stewardship
A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	Environmental Management Response to Climate Change Water Stewardship
B. Social		
Aspect B1: Employment		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	Great Workplace
B1.1	Total workforce by gender, employment type(for example, full- or part-time), age group and geographical region.	Great Workplace ESG Key Performance Table
B1.2	Employee turnover rate by gender, age group and geographical region.	ESG Key Performance Table
Aspect B2: Health and Safety		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	Great Workplace
B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	ESG Key Performance Table

Main Categories	Description	Chapter
B2.2	Lost days due to work injury.	ESG Key Performance Table
B2.3	Description of occupational health and safety measures adopted, and how they are implemented and monitored.	Great Workplace
Aspect B3: Development and Training		
General Disclosure	Policies on improving employees’ knowledge and skills for discharging duties at work. Description of training activities.	Great Workplace
B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	Great Workplace ESG Key Performance Table
B3.2	The average training hours completed per employee by gender and employee category.	ESG Key Performance Table
Aspect B4: Labour Standards		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.	Great Workplace
B4.1	Description of measures to review employment practices to avoid child and forced labour.	Great Workplace
B4.2	Description of steps taken to eliminate such practices when discovered.	Great Workplace
Aspect B5: Supply Chain Management		
General Disclosure	Policies on managing environmental and social risks of the supply chain.	Sustainable Supply Chain
B5.1	Number of suppliers by geographical region.	Sustainable Supply Chain ESG Key Performance Table
B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored.	Sustainable Supply Chain
B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	Sustainable Supply Chain
B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	Sustainable Supply Chain
Aspect B6: Product Responsibility		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.	Food Safety

Main Categories	Description	Chapter
B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	ESG Key Performance Table
B6.2	Number of products and service related complaints received and how they are dealt with.	Food Safety
B6.3	Description of practices relating to observing and protecting intellectual property rights.	Innovation and Development
B6.4	Description of quality assurance process and recall procedures.	Food Safety
B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored.	Food Safety
Aspect B7: Anti-corruption		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering.	Business Ethics and Integrity Ecosystem
B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.	
B7.2	Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored.	
B7.3	Description of anti-corruption training provided to directors and staff.	
Aspect B8: Community Investment		
General Disclosure	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities’ interests.	Rural Revitalization
B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport).	
B8.2	Resources contributed (e.g. money or time) to the focus area.	
Part D Climate		
(I) Governance		
Disclose information on the governance structure or individual responsible for climate-related risks and opportunities, including how to determine skills and competencies, the frequency of risk opportunity assessment, how to consider and supervise target setting and progress in decision-making, as well as the role of management in relevant processes and integration with internal functions.		ESG Governance and Strategy Response to Climate Change
(II) Strategy		
Business Model and Value Chain	Describe the current and expected impacts of climate-related risks and opportunities on the business model and value chain, and point out key areas.	Response to Climate Change
Strategy and Decision-making	Disclose strategies and plans to respond to risks and opportunities, including business model changes, adaptation or mitigation work, transition plans, ways to achieve climate targets, as well as resource provision plans and progress of advance planning.	Response to Climate Change

Main Categories	Description	Chapter
Financial Status, Financial Performance and Cash Flow	Disclose the current financial status, financial performance and cash flow impacts of climate-related risks and opportunities on the issuer during the reporting period, as well as expected financial impacts.	Tax Transparency Response to Climate Change
Resilience	Disclose the company's assessment of its climate resilience and the situation of climate-related scenario analysis.	Response to Climate Change
(III) Risk Management		
Disclose the process of identifying, assessing climate-related risks and opportunities, as well as the process of determining materiality and maintaining oversight, and the situation of integrating climate-related risks and opportunities into the company's overall risk management process.		Response to Climate Change
(IV) Indicators and Targets		
Greenhouse Gas Emissions	Disclose the scope 1, scope 2 and scope 3 greenhouse gas absolute total emissions within the reporting period, explain the measurement methods, input data, assumptions and change reasons, and disclose scope 2 by regional grid emission factors and scope 3 by category.	Response to Climate Change ESG Key Performance Table
Climate-related Targets	Disclose climate-related qualitative and quantitative targets, including setting indicators, objectives, applicable scope, time frame, baseline, phased targets, target types, and international agreement associations; disclose the review methods for setting targets, monitoring progress indicators and overall performance and trend analysis; for greenhouse gas emission targets, explain the coverage, emission scope, total or net target, etc.	Response to Climate Change



格式: TR03003R01(3006)

中国船级社质量认证有限公司
CHINA CLASSIFICATION SOCIETY CERTIFICATION CO., LTD.

评价声明

Assessment Statement

声明编号/No. CCSC2026040501990002

本机构受牧原食品股份有限公司委托, 依据相关准则及评价程序完成碳排放数据管控程序及执行情况评价, 对如下内容的真实性 and 有效性予以证明:

Commissioned by Muyuan Foods Group Co., Ltd., China Classification Society Certification Co., Ltd. (CCSC) assesses the GHG emission accounting module and issues this assessment opinion according to related criteria and procedures.

牧原食品股份有限公司碳排放数据质量管控
(Quality evaluation of carbon emission data control of Muyuan Foods Group Co., Ltd.)

评价范围: 仅限于牧原食品股份有限公司碳排放数据管控程序及执行情况。

Assessment Scope: Assessment limited to the carbon emission data control procedures and implementation of Muyuan Foods Group Co., LTD.

依据准则:《温室气体排放核算与报告要求第 22 部分: 畜禽养殖企业》(GB/T 32151.22-2024)、《牧原食品股份有限公司温室气体监测与数据质量管理制度》

Assessment criteria: 《Requirements of the greenhouse gas emissions accounting and reporting—Part 22: Livestock enterprise》(GB/T 32151.22-2024)、《Greenhouse Gas Monitoring and Data Quality Management System of Muyuan Food Co., LTD.》

评价结论: 确认牧原食品股份有限公司碳排放数据管控质量符合《温室气体排放核算与报告要求第 22 部分: 畜禽养殖企业》(GB/T 32151.22-2024) 和《牧原食品股份有限公司温室气体监测与数据质量管理制度》要求, 碳排放数据质量满足“可测量、可报告、可溯源”。

Assessment opinion: It is confirmed that the carbon emission data control quality of Muyuan Foods Group Co., Ltd. meets the requirements of 《Requirements of the greenhouse gas emissions accounting and reporting—Part 22: Livestock enterprise》(GB/T 32151.22-2024) and 《Greenhouse Gas Monitoring and Data Quality Management System of Muyuan Food Co., LTD.》, the carbon emission data quality meets the requirements of “measurable, reportable and traceable”.

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北京市东城区东黄城根南街 40 号楼 100006 电话: +86(10)56313400 网址: www.ccs-c.com.cn
40 Dong Huang Cheng Gen Nan Jie, Dongcheng District, Beijing, 100006, China Tel.: +86(10)56313400 Website: www.ccs-c.com.cn

中国船级社质量认证有限公司
CHINA CLASSIFICATION SOCIETY CERTIFICATION CO., LTD.

Independent Assurance Statement

No.: CCSC2019039152026001

China Classification Society Certification Co., Ltd. (hereinafter referred to as "CCSC") was engaged by Muyuan Foods Co.,Ltd. (hereinafter referred to as "Muyuan Foods" or "the Organization") to conduct an independent assurance of Muyuan Foods Co.,Ltd.'s 2025 Environmental, Social and Governance (ESG) Report.

Users of the Assurance Statement

This Assurance Statement is intended to be provided to all stakeholders of Muyuan Foods.

Assurance Statement

The information in the 2025 Environmental, Social, and Governance (ESG) Report of Muyuan Foods is the responsibility of its Board of Directors, governance bodies, and management.

The purpose of CCSC is to provide the stakeholders of Muyuan Foods with an independent opinion within the scope of assurance defined below.

Assurance Standard

➤ AA1000AS v3

Scope and Level of Assurance

- The scope of assurance is limited to the relevant information and data covered in the Report from the reporting organization, and does not include data and information from its suppliers, contractors, or other third parties.
- The assurance engagement was conducted in accordance with AA1000AS v3 Type 2, at a moderate level of assurance, to evaluate the extent to which the reporting organization adheres

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- to the four principles set out in the AA1000 AccountAbility Principles (2018).
- The scope of the sustainability performance assurance includes Reduction in chemical fertilizer consumption, Total water consumption and freshwater consumption in high-risk water use scenarios, Green electricity consumption and biogas utilization volume in energy use, Generation amount of general waste, Compliance disposal rate of solid waste, Recovery and utilization rate of solid waste, Total number of suppliers, Supplier training coverage rate.

Reporting Standard

- International Sustainability Standards Board (ISSB), IFRS S1 General Requirements for Disclosure of Sustainability-related Financial Information and IFRS S2 Climate-related Disclosures
- Global Sustainability Standards Board (GSSB), GRI Sustainability Reporting Standards (GRI Standards)
- International Sustainability Standards Board (ISSB), SASB Standards
- Taskforce on Nature-related Financial Disclosures (TNFD), TNFD Framework
- Climate Disclosure Standards Board (CDSB), Framework for Reporting Environmental and Climate-related Information
- Ministry of Finance of the People’ s Republic of China and other authorities, Basic Standard for Corporate Sustainability Disclosure (Trial)
- Ministry of Finance of the People’ s Republic of China and other authorities, Climate Standard for Corporate Sustainability Disclosure No. 1 (Trial)
- Shenzhen Stock Exchange, Self-regulatory Guidelines No. 17 for Listed Companies — Sustainability Report (Trial)
- Shenzhen Stock Exchange, Self-regulatory Guide No. 3 for Listed Companies — Sustainability Report Preparation
- Hong Kong Exchanges and Clearing Limited (HKEX), Main Board Listing Rules Appendix

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- C2: Environmental, Social and Governance Reporting Guide
- Standardization Administration of China, GB/T 36001-2015 Social Responsibility Reporting Guidelines
 - Chinese Academy of Social Sciences (CASS), China Corporate Social Responsibility Reporting Guidelines (CASS-ESG 6.0)

Source of disclosed information

- Report Title: Muyuan Foods Co.,Ltd. 2025 Environmental, Social, and Governance (ESG) Report
- Source of information: Muyuan Foods Co.,Ltd.

Assurance Methodology

The assurance activities comprised the following procedures:

- a) Understanding and testing, on a sample basis, the processes used to assess the extent of the organization's adherence to the AA1000 AccoutAbility Principles (2018), and evaluating the degree of adherence accordingly.
- b) Conducted management interviews to assess the effectiveness of processes with significant impacts. Interviewees included senior management, departmental managers, and personnel responsible for sustainability.
- c) Reviewing and examining, on a sample basis, the Organization’s management practices, business processes, and evidence collected.
- d) Collecting and evaluating evidence and management representations that support the assessment of the Organization’s adherence to the AA1000 AccountAbility Principles (2018).

Assurance Conclusion

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Conformance with the AA1000 AccountAbility Principles (2018):

- a) Inclusivity: Muyuan Foods has identified its internal and external stakeholders, including government and regulatory authorities, shareholders and investors, customers, employees, suppliers, communities and the public. The organization regularly conducts stakeholder engagement and incorporates the key concerns of stakeholders into its sustainability considerations. The Report meets the requirements of the Inclusivity Principle.
- b) Materiality: Muyuan Foods has identified and prioritized ESG issues based on their significance to the organization and its stakeholders, determined material topics, and integrated the management into daily operations. The Report conforms to the requirements of the Materiality Principle.
- c) Responsiveness: Muyuan Foods has established governance structures, management systems and processes, and stakeholder engagement mechanisms that enable it to respond effectively to stakeholder concerns. The Report conforms to the requirements of the Responsiveness Principle.
- d) Impact: Muyuan Foods has disclosed its significant environmental, social, and governance impacts on stakeholders through both quantitative and qualitative approaches. The Report conforms to the requirements of the Impact Principle.

Conformance of Sustainability Performance:

For the sustainability performance disclosed in the 2025 Report, CCSC has found no material misstatements, as described below:

Reduction in chemical fertilizer consumption	Total water consumption in high-risk water use scenarios
Freshwater consumption	Green electricity consumption
Biogas utilization volume	Generation amount of general waste

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Compliance disposal rate of solid waste	Recovery and utilization rate of solid waste
Total number of suppliers	Supplier training coverage rate

Limitations of the Assurance Process and Mitigation Measures

- The assurance process was conducted at sites within the reporting boundary. During the engagement, CCSC adopted a sampling-based approach to review the data and information presented in the Report, and conducted interviews solely with the Organization’s internal stakeholders.
- As there are no internationally recognized and universally applicable standards for assessing and measuring non-financial information, the use of different (yet acceptable) methodologies and measurement techniques may affect comparability with other organizations.
- This Assurance Statement does not assurance on the reporting organization's positions, views, beliefs, goals, future directions, or commitments.
- In future assurance engagements, CCSC will place greater emphasis on the reporting organization's improvements in sustainability disclosure and management practices, in line with the principle of continuous improvement.

Independence and Competence Statement

CCSC is one of China's pioneering professional organizations in the green and low-carbon sector, with extensive experience across various domains including energy conservation, low-carbon emission reduction, green development, and environmental protection. Our expertise covers certification and auditing, assessment and evaluation, technical services, training, and scientific research.

CCSC and Muyuan Foods are completely independent entities. Throughout the assurance process for this Report, CCSC has maintained full independence and has had no conflicts of interest with the enterprise, its affiliates, or its stakeholders. All members of the assurance team have signed

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commitments to the AA1000 Assurance Standard Code of Conduct. All information related to the organization's 2025 Environmental, Social, and Governance (ESG) Report included in this Assurance Statement was provided by Muyuan Foods. CCSC was not involved in the preparation of the Organization's 2025 Environmental, Social, and Governance (ESG) Report.



AA1000

Licensed Report

000-796/V3-B2BLE

China Classification Society Certification Co., Ltd.

Place of Issue: Beijing

Date of Issue: 26 March 2026

Muyuan Basic Law

- I . Business Purpose:

To produce wholesome foods for society, improve the life quality of all, and serve people's enjoyment in an abundant life.
- II . Core Values:

Create value and serve society. Be internally and externally upright to promote social development.

External value outweighs internal value; Long-term interests outweigh immediate interests;

The value of humans outweighs the value of things; Common value outweighs individual value.

Social value outweighs profit value; Customer value outweighs production value.
- III. Business Approach:

Create true value with our own strengths, rather than chasing nominal profits.
- IV. Business Principles:

Seek to maximize social value without shifting burden, shirking responsibilities, or leaving behind hidden dangers. Take beneficial instead of harmful or rivalrous actions. Stay committed to creating value, unshaken by highs or lows. Expect no fluky profits and never bow for profit's sake. Refuse business bribery and turn away from unearned or ill-gotten gains. Stand firm against speculation, manipulation, or plunder, and never trade integrity for money. Practice strict self-discipline, shoulder responsibilities, and pursue excellence.
- V. Employee Benefits:

Bring benefits for employees. Treat employees as family members, guide their growth, and build a career platform for they fulfilling the value of life. Bring happiness to every employee and every family in Muyuan.
- VI. Customer Benefits:

Help in our customers' successes. Refrain from giving others what we wouldn't accept and offer what we cherish. Feel for others and treat others with honesty and sincerity. Treat customers as siblings and help each other, to embrace fairness, openness, and simplicity, and deliver efficient and shared success.
- VII. Social Responsibility:

Put knowledge into action to benefit society. Balance financial returns with ecological and social benefits. Promote environment-friendly and animal-friendly business practices, develop circular economy, adopt cleaner production, and curb air pollution. Continuously improve food quality standards. Act proactively in building industrial ecology and promoting sustainable development. Actively carry out public welfare undertakings, support education improvement, and fuel social and economic development.
- VIII. Long-Lasting Development:

Adhere to the values and construct a platform for sharing. Keep pace with the times and explore the unknown. Face challenges courageously and surpass our limits. Seek a selfless path to build a long-lasting company.

Tribute to Pigs

A pig's life is ordinary, yet sublime.

They come to this world quietly, and silently bid goodbye in their time.
When they're no longer in sight, they've given all they could provide.
A pig's life, in truth, is one of greatness and pride!
The spirit of pigs mirrors Muyuan people's devotion inside.

A pig's life is one of giving, pure and true.

Through their life's offering, people find joy anew.
Today, pigs teach us that life sustains life; only through life can we achieve life's higher worth.
Muyuan people bear the noble mission of providing food for all, like our pigs, we give freely, making life better for one and all.

A pig's life is one of pure delight.

Facing life's precious gift, they ask not for length of days, count not their feed, but grow with joy always.
Today, pigs show us that life's worth lies not in its length but quality.
Like them, we trade duration for excellence, without regrets.

A pig's life is filled with wisdom.

While humans ponder life's meaning and chase fame's embrace, pigs simply live their truth with natural ease: life's essence lies not in what we take, but what we give to human grace.
Today, we hesitate no more, waste no time in debating life's worth; like pigs, we simply give more, calculate less, creating value on earth.

We are grateful.

Our business is raising pigs, yet in truth, they sustain our lives.
To honor pigs is to honor ourselves, to revere them is self-respect's rise.
Let's join with pigs, in simple joy and mirth, giving ourselves to create a life of highest worth!

Feedback Form

Dear readers,

Thank you for reading the ESG Report 2025 of Muyuan Foods Co., Ltd. To provide you and other stakeholders with more professional and valuable corporate social responsibility information, Muyuan sincerely invites you to offer your valuable opinions and suggestions on this Report. Your feedback will help us further enhance our ability and level of social responsibility and sustainable development management in the future.

Optional Questions:

1. Do you think this report comprehensively and accurately reflects the significant economic, social, and environmental impacts of Muyuan Shares?
Yes ☐Fair ☐No ☐
2. Do you think the stakeholders identified in this report and the analysis of their relationships with Muyuan are accurate and comprehensive?
Yes ☐Fair ☐No ☐
3. Do you think this report reflects the significant environmental impacts of Muyuan?
Yes ☐Fair ☐No ☐
4. Do you think this report reflects the significant social impacts of Muyuan?
Yes ☐Fair ☐No ☐
5. Do you think this report reflects the corporate governance situation of Muyuan?
Yes ☐Fair ☐No ☐
6. Do you think the information provided in this report is readable?
Yes ☐Fair ☐No ☐

Open Questions:

1. What aspects of this report are most satisfactory to you?
2. Are there any pieces of information you need that are not reflected in this report?
3. Do you have any suggestions for our future ESG report compilation?
- Please feel free to provide any other comments or suggestions regarding this report.

Your Contact:

Name:E-mail:

Tel:Company:

Our Contact::

Address: Muyuan Foods Co., Ltd., Longsheng Industrial Park, Wolong District, NanyangCity, Henan Province

Tel: 0377-65233888

Zip code: 473000

E-mail: office@muyuanfoods.com

Website: www.muyuanfoods.com

- **Creating value**
- **Serving Society**
- **Being internally and externally upright**
- **Promoting social progress**

Muyuan Foods Co., Ltd.

Office Address: Longsheng Industrial Park, Wolong District, Nanyang City, Henan Province, P.R.China

Zip code: 473000

Telephone: 0377-65233888

Website: www.muyuanfoods.com

E-mail: office@muyuanfoods.com



The paper used for the printed report is environmentally friendly.