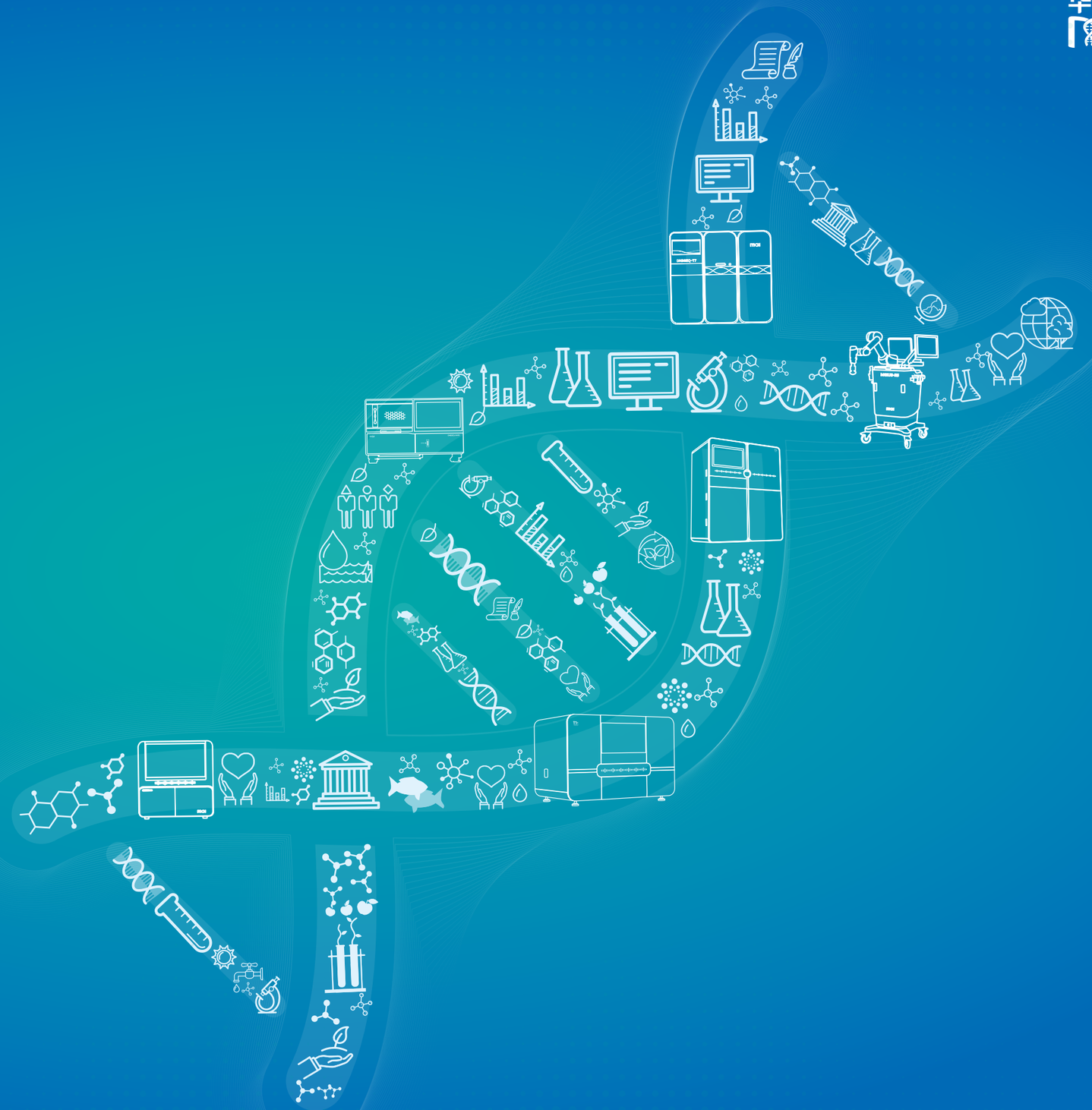
Leading Life Science Innovation

华大智造
MGI

2025

Environmental, Social and Governance (ESG) Report

MGI TECH CO., LTD.



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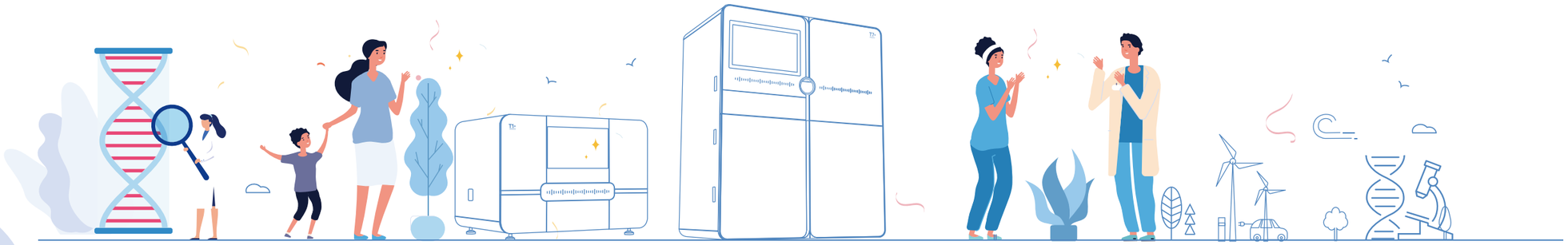


Message From Chairman

Chairman of the Board of Directors of MGI

WANG Jian

Genetic technology is not merely a temporary necessity, but a lasting and sustainable commitment for generations. It not only embodies our human's relentless pursuit of health, intelligence, longevity and happiness, but also contains the long-term a profound and enduring concern for the growth of all beings, ecological succession and the continuity of civilization. Since its establishment, MGI has been guided by the original aspiration of "Benefit Humanity", positioned itself as a "Creator of Core Life Science Tools", and persisted in serving scientific research innovation, industrial transformation and human health with more advanced, reliable, and accessible life science tools.

Life is a complex system, and the key to unlocking the mystery of life is the core tools for reading, reconstructing, and storing life information. In 2025, we continued to improve our end-to-end tool ecosystem centered around full-length sequencing, covering short-read and long-read sequencing. We have continuously enhanced sequencing efficiency, data quality, and application adaptability, and strived to make advanced life science tools accessible to a wider range of scientific research and clinical scenarios. At the same time, we had a clearer understanding that the future of life science and technology should not rely solely on point breakthroughs in individual technologies. Instead, it requires the deep integration of life sciences and intelligent technologies. Guided by this direction, we are committed to building a new laboratory ecosystem characterized by intelligence, standardization, and systematization, accelerating our progress towards the goal of lights-out laboratories. Looking back, we find that these achievements did not happen in isolation, but were the result of MGI's continuous accumulation and expansion of capabilities. From the early breakthroughs in key technologies and self-reliance in core tools, to today's ongoing efforts to refine a systematic and end-to-end tool layout, we have progressed from "Having" to "Excelling" and further to "Completing" our offerings. This progress has strengthened our confidence in deepening our commitment to life science for the long term.

The prosperity of species forms the vital foundation of Earth's civilization. MGI's tools not only serve human health, but are also at the forefront of biodiversity conservation. From tracing the origin of species in the abyssal depths of the ocean to the precise reconstruction of life evolution by Stereo-seq spatial transcriptomics, we are pushing the boundaries of human understanding and stewardship of life with the power of technology. While exploring nature, we also emphasize our corporate environmental responsibility. We have consistently integrated green principles into product development and operational practices, and promoted the synergy between technological innovation and sustainable development.

2026 marks the 10th anniversary of MGI's founding. On this new milestone, we have seen not only the growth of the past decade, but also the direction of the next decade. Looking ahead, the development of life sciences remains a vast frontier, and MGI will continue to move forward with vigor and determination. Starting with promoting proactive health strategies among MGIers, we will empower life science and technology with intelligence, advance industry with tools, and gather global wisdom with openness. Together with partners worldwide, we will promote the wider adoption of genomic technology to make genomics more accessible to the global community, allowing our original aspiration of "Benefit Humanity" to grow stronger with the passage of time.

About MGI Tech

Company Profile

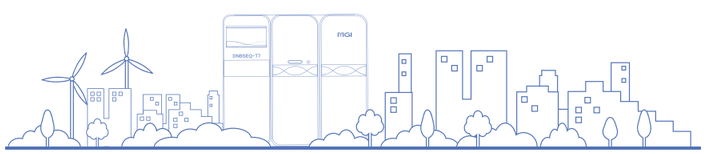
MGI Tech Co., Ltd. (or its subsidiaries, together referred to as "MGI", stock code: 688114.SH) was established in 2016, with a vision of "Leading Life Science Innovation". Centered on the central dogma of life, we focus on the R&D of underlying technologies and innovations to read, reconstruct, and store life information to decode life's mystery. We provide users with full-lifecycle, all-setting systemic tools for life science research and applications. We are committed to driving breakthroughs in scientific research and clinical applications and translation through multi-omics technologies centered on gene sequencing technology. Furthermore, we collaborate with upstream and downstream partners in the life sciences and biotechnology industries to build an open, cooperative, and win-win industrial ecosystem.

The Company's business has expanded to more than 110 countries and regions across six continents. Globally, it has established 9 major R&D centers, 7 major production bases, and 13 customer experience centers, and it has served over 3,800 users worldwide. As a provider of "Advanced Life Science Tools for Future Healthcare", MGI has not only established a comprehensive ecosystem spanning the R&D, production, and sales of gene sequencing products across three technological pathways—"excited-luminescence, self-luminescence, and non-luminescence"—but has also stand out as one of the only providers of a full-stack product portfolio that spans three core segments: SEQ ALL (short-and long-read sequencing),GLI (Generative Lab Intelligence), and Multi-Omics.

SEQ ALL

GLI

Multi-Omics



01

2016
Founding of MGI

110+
110+countries and regions, promoting localized development

3,800
More than 3,800 users worldwide

Company Milestones

2013

- BGI Group acquired America's Complete Genomics, embarking on the path of "first sharpening its tools" to break new ground

2016

- Official founding of MGI Tech
- Launch of genetic sequencer BGISEQ-50

2017

- Launch of the high-throughput gene sequencers G400 and G50, the automated sample preparation system SP-100, and the robotic ultrasound system US-R3

2018

- Launch of the ultra-high-throughput genetic sequencer T7 and the high-throughput automated sample preparation system SP-960

2019

- Launch of E-series, D-series, DNBelab C-series and other products
- Official launch of the Latvia production base

2020

- The ultra-high-throughput genetic sequencer T7 received emergency approval from CN NMPA
- Launch of the automated sample transfer processing system STP-7000
- Launch of the automated nucleic acid extraction system NE32
- Released the T10×4RS one-stop platform for large population genomics
- A new manufacturing base is being built in Wuhan, with a total investment expected to reach RMB 2.4 billion

2021

- Release of the automated nucleic acid extraction system NE384

2022

- Reached a settlement with Illumina for all pending lawsuits in the United States, and received compensation of US$334 million
- Release of the first digital sample preparation system DNBelab-D4 that adopts the innovative digital microfluidic technology
- Release of the genetic sequencer G99
- On September 9, MGI was listed on the Science and Technology Innovation Board of the Shanghai Stock Exchange with the stock code 688114

2023

- Release of the T20×2, an ultra-high-throughput sequencer that sets new records for throughput and per-sample cost
- Release of CLab-LN series automated liquid nitrogen storage systems
- The European Patent Office declared the Illumina patent invalid, enabling MGI sequencers to be sold in multiple countries
- Launched the DCS Lab Initiative, with the first batch of 10 labs to be established

2024

- Introduced the next generation of sequencing reagents, StandardMPS 2.0, which inaugurates the era of Q40 quality in genetic sequencing
- Release of the Multi-Omics Analyzer G400RS FluoXpert
- Became a global distributor of STOmics and CycloneSEQ™
- Launch of long-read sequencers G100-E and G400-E

2025

- Launch of the AIO All-in-One Library Preparation and Sequencer
- Launch of the Desktop Sequencer T1+
- The three major business units, SEQ ALL, GLI, and OMICS, were upgraded and officially launched
- Launch of the G10-FR
- Launch of the ultra-high-throughput genetic sequencer T7+

Corporate Awards

National-Level "Little Giant" Enterprise That Applies Special, Sophisticated Techniques to Produce Unique and Novel Products (approved upon review)
Ministry of Industry and Information Technology of the People's Republic of China

Second Prize in the 2025 BRICS Industrial Innovation Competition
Center for International Economic and Technological Cooperation of the Ministry of Industry and Information Technology

Green World Awards-GREEN WORLD CHAMPION 2025
The Green World Organisation

2025 Science and Technology Advancement Award by the China Entry-Exit Inspection and Quarantine Association
China Entry-Exit Inspection and Quarantine Association

Honorable Mention of the 10th Guangdong Patent Award 2025
Guangdong Patent Award Review Committee

Ranked 150th among Guangdong Province's Top 500 Manufacturers in 2025
Guangdong Manufacturers Association

Ranked 280th among Shenzhen's Top 500 Enterprises in 2025
Shenzhen Enterprise Confederation, Shenzhen Entrepreneurs Association

AEO Advanced Certified Enterprise
Shenzhen Customs District P. R. China

2025 Future Healthcare Top 100 Companies – Innovation Ranking of Listed Companies
VB100, www.vbdata.cn, and VCBEAT Research Institute

2025 Future Healthcare Top 100 Companies – Best Biotechnology Innovation Products
VB100, www.vbdata.cn, and VCBEAT Research Institute

Golden Bull Listed Company Science and Technology Innovation Award
China Securities Journal

Best ESG Practice Award
www.guancha.cn/

2025 China Listed Company Yinghua Award - A-share ESG Demonstration Case
China Fund News

Top 20 Listed Companies in the Greater Bay Area for Board Governance in 2025
Shenzhen Research Association of Corporate Governance

Golden Dawn ESG Practice Award
Securities Market Weekly

Top 100 Listed Companies in ESG Best Practices in 2025
WindESG

Best Practice Cases of Sustainable Development of Listed Companies in 2025
China Association of Listed Companies

Product and Technology Honors

Shenzhen Patent Award - Camera Calibration Method and Image Registration Method, Gene Sequencer and System
Shenzhen Municipal Committee of the Communist Party of China and Shenzhen Municipal People's Government

The 24th (2025) Shenzhen Enterprise Innovation Record - Desktop Sequencer T1+
Shenzhen Enterprise Innovation Record Organizing Committee

Sustainable Development Transformation

As a leading high-end medical device company in China, MGI has always integrated the vision of "To Develop and Promote Advanced Life Science Tools for Future Healthcare" into its corporate DNA. With the mission— "Leading Life Science Innovation", we firmly support the United Nations' 2030 Agenda for Sustainable Development. By integrating the concept of sustainable development into our corporate strategy and operations, we aim to comprehensively enhance the Company's sustainable development capabilities and business resilience, thereby contributing to the realization of long-term value creation. At the same time, the Company is dedicated to meeting the needs of its stakeholders in the ecosystem, including employees, supply chain partners, customers, as well as the local community and institutions, promoting sustainable development of the ecosystem and society.

MGI's short-term roadmap, spanning from 3 to 5 years, is centered around an evaluation process for material topics that involves both internal and external stakeholders. This is complemented by the establishment and improvement of a special internal governance framework that encompasses the sustainable development team, employees, in-house experts, and the Board of Directors.

Moving towards the midterm (5 to 10 years) and long-term (10 to 30 years) strategies, MGI will focus on the critical issues highlighted in the United Nations Sustainable Development Goals (SDGs) and pertinent global climate scenarios, ensuring alignment with its business model and global presence.

This comprehensive approach to sustainable development enables MGI to significantly reduce risks, and generates tangible value by appealing to customers, new talents, and investors, while fostering innovation.

Vision

Leading Life Science Innovation

Mission

To Develop and Promote Advanced Life Science Tools for Future Healthcare

"Three Good" Culture

Stay Healthy, Study Well and Work Hard

Values

Curiosity, Application of Knowledge, Working for the Betterment of Mankind

Sustainable Development Management

Sustainable development has become a global focal point and a shared pursuit among governments, businesses, and the public. In 1987, the theme report Our Common Future, submitted by the World Commission on Environment and Development to the United Nations General Assembly, first systematically expounded the concept of sustainable development and derived from it the "three principles of sustainable development" - sustainability, fairness, and commonality. In 2015, the United Nations proposed 17 Sustainable Development Goals (SDGs), providing a common framework and direction guidance for global action on sustainable development.

Against this backdrop, the Company integrates the philosophy of sustainable development into its strategic planning and the development of its governance system. We firmly believe that a sound ESG management mechanism is an important safeguard for the effective implementation of the sustainable development strategy. In alignment with pertinent laws, regulations, and requirements for listed companies' governance, the Company will constantly improve its governance structure and management system, improve its risk identification and control mechanisms, promote the implementation of responsible business philosophy at the decision-making and operational levels, and strengthen the governance foundation for sustainable development.

Sustainable Development Strategy

While pursuing steady and robust business development, the Company focuses embedding the philosophy of sustainable development throughout the entire value creation process, and incorporates environmental and social factors into business decision-making and operational management. In alignment with the United Nations Sustainable Development Goals (SDGs), the Company leverages its business characteristics and technological strengths to drive the coordinated development of innovative outcomes with societal needs, contributing to long-term progress in the life sciences field and a sustainable future.

Stakeholder Communication

The attention and support from stakeholders are an important foundation for the steady development of MGI Tech. MGI Tech prioritizes the diverse needs of various stakeholders, establishes multi-channel communication mechanisms, systematically collects and analyzes feedback and suggestions from all stakeholders on its sustainable development, and incorporates them into operational decision-making and the optimization of sustainable development strategies. The Company has developed corresponding response measures and action plans around the core concerns of the main stakeholders, with specific details as follows:

Board of Directors
- Lead and supervise the Company's sustainable development efforts, including the deliberation of ESG-related plans, objectives, and systems;
- Review the annual ESG report.

ESG Committee on Strategy and Sustainable Development
- Review the strategic planning and implementation details related to the Company's sustainable development and ESG governance;
- Follow and study ESG-related laws, regulations, and policies for companies;
- Review and submit the annual ESG report to the board of directors;
- Focus on ESG-related risks and opportunities that have a significant impact on the Company, and provide recommendations on their effects on the Company's business.

Sustainable Development Working Group
- Drive and monitor the implementation of ESG-re- lated tasks, coordinating with the executive team;
- Review the accuracy of ESG report performance data;
- Regularly report the progress of sustainable development work to the ESG Committee on Strategy and Sustainable Development.

Execution Level
- Advance the implementation and execution of ESG initiatives;
- Responsible for collecting data related to the annual ESG report.

Main Stakeholders	Shareholders and investors	Customers	Employees	Supplier	Governments and regulatory agencies	Partners	Community	Public and media
Expectations and Demands	Value creation Steady operations Normative governance Sustainable Development	Product quality Innovative R&D Customer Service Stable supply	Protection of rights and interests Occupational Health and Safety Training and promotion Remuneration and benefits	Honest fulfillment of contracts Open, fair and just procurement	Compliant operations Tax Compliance Adherence to business ethics Economic development and employment	Honest fulfillment of contracts Business ethics and transparency Innovative R&D	Community development Environmental protection Rational resource utilization Social contribution	Company business progress Rights and interests of employees Environmental and social responsibility
Company's Response Approaches	Drive business growth Improve corporate governance Ensure timely information disclosure Develop sustainable business strategies	Test product quality Increase R&D investment Optimize customer service Sign long-term agreements	Sign labor contracts Ensure safe production Enhance training systems and promotion mechanisms Improve compensation incentives and benefits systems	Perform contracts in accordance with the law Establish standard management systems Build a responsible supply chain	Abide by laws and regulations Pay taxes honestly Strengthen supervision Hire locally	Conduct project cooperation Focus on building business ethics Increase R&D and collaborative efforts	Community exchanges Green Operations Manage resources transparently Participate in public welfare activities and charitable donations	Release company news Organize company open days Facilitate media interviews

Material Topics Identification

To clearly define the key directions for the Company's ESG management, the Company has comprehensively assessed global sustainable development trends, the current stage of MGI's business development, and key issues in the medical device industry. Combined with survey results from internal and external stakeholders, it has systematically sorted and identified potential ESG issues, and determined the key focus areas related to the Company's operations and strategy.

Topics identification

- Analyze the sustainable development context in which the Company operates;
- Align stakeholder expectations and demands with the Company's business development;
- MSCI, Sustainable Development Accounting Standards Board (SASB), and United Nations Sustainable Development Goals (SDGs), etc;
- Examine the sustainable development strategies, management, and material topics reflected in there ports of peer companies.

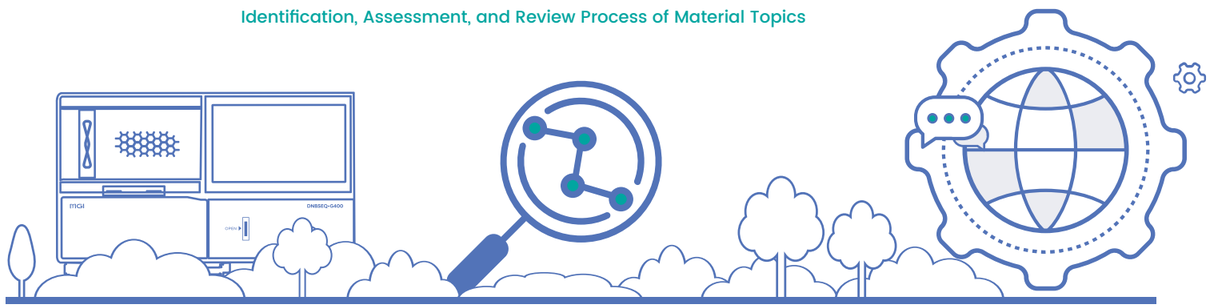
Topics assessment

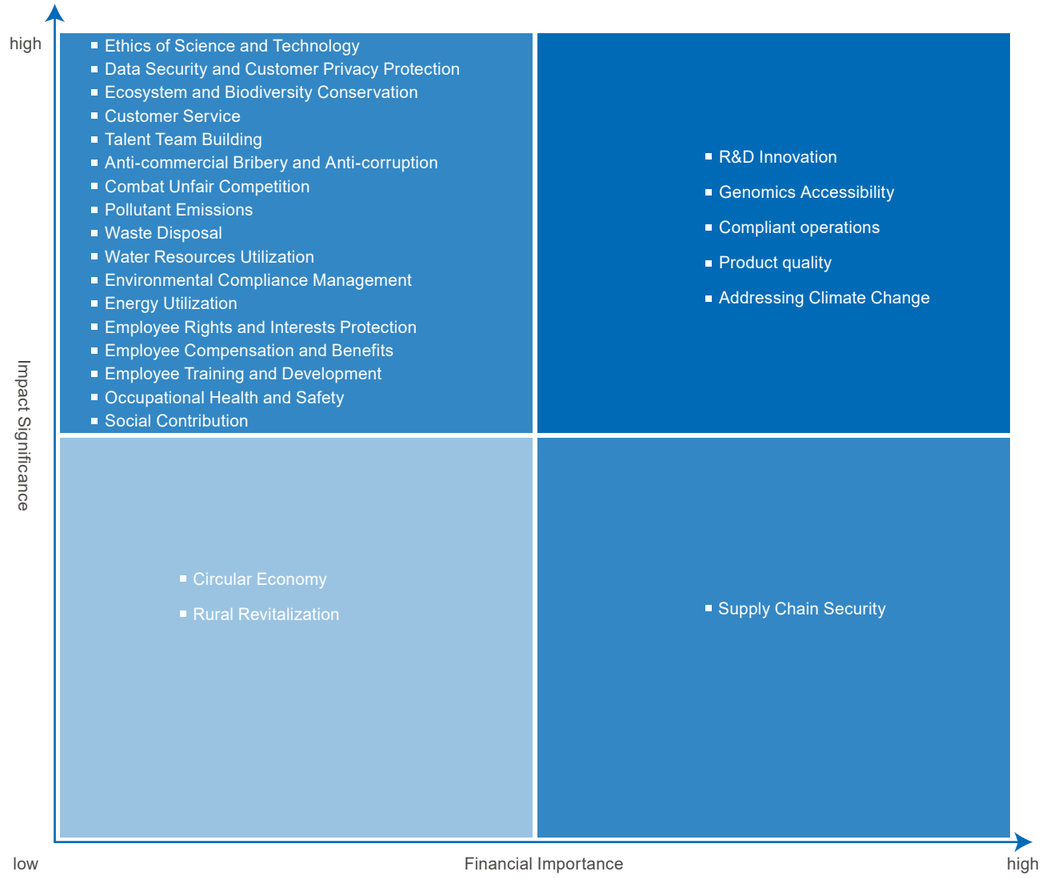
- Conduct opinion surveys among the eight internal and external stakeholder groups, including shareholders, investors, customers, employees, and others;
- Select core topics through questionnaire results analysis, interview with internal and external stakeholders, and expert assessments, rank their importance, and provide detailed disclosure in the Report.

Topics review

The Company's leadership reviews the assessment results of the topics in line with the Company's development strategy, while functional departments review them based on management practices. Together, they ultimately confirm the core topics and their significance for MGI, taking into account external expert advice.

Identification, Assessment, and Review Process of Material Topics





MGI ESG topics identification matrix

In this assessment on material topics, a total of five double-materiality topics were identified: "R&D Innovation", "Genomics Accessibility", "Compliant Operations", "Product Quality", and "Addressing Climate Change". "Supply Chain Security" was identified as a topic with financial materiality only. In addition, 17 topics with impact materiality only were identified. However, two topics, including "Circular Economy" and "Rural Revitalization", did not meet the materiality threshold and were therefore not included in the Company's list of material topics.

Furthermore, regarding the topic "Equal Treatment for Small and Medium-sized Enterprises", as of the end of the reporting period, the Company's balance of accounts payable (including notes payable) did not exceed RMB 30 billion, and the proportion of this balance to total assets remained below 50%. Thus, this topic failed to meet the material topic identification threshold, so it was not included in the list of material topics. Regarding the topic "Due Diligence", taking into account the actual implementation of the Company's sustainable development management during the year and the core focus of the preparation of this ESG report, it has been temporarily excluded from the list of material topics. Regarding the topic "Stakeholder Communication", as the Company has already established a regular stakeholder communication mechanism, it has been temporarily excluded from the list of material topics.

Key ESG Risks and Opportunities

Identifying key ESG risks and opportunities is essential not only for managing current business risks but also for seizing future development opportunities, fostering continuous innovation, and enhancing competitiveness. MGI conducted a comprehensive analysis of the Company's entire value chain and its stakeholders, utilizing a range of internal and external tools. Following the "dual importance" principle, the Company evaluated and responded to major risks based on their likelihood of occurrence and impact level to meet stakeholder expectations as much as possible.

Topics with Financial Materiality	Strategy	Impact, Risk, and Opportunity Management	The Value Chain of Impact	Time Range	The Section Where Governance, Indicators, and Targets are Located
R&D Innovation	MGI Tech has developed a technology assessment and planning system tailored to its unique needs. We have crafted a distinctive "four-level R&D hierarchical management model" aligned with our various developmental phases. This model encompasses X-Exploratory Research, R-Technical Research, D-Product Development, and P-Online Upgrades. This structured approach ensures that our technological innovation and core competencies remain dynamic, positioning us as industry leaders.	MGI integrates full-lifecycle risk management into every stage of scientific and technological innovation. In light of industry characteristics and control requirements, MGI designs differentiated risk control mechanisms for different projects. Through a tiered review system known as the "5-15-3" framework—covering 5 decision risk reviews, 15 technical risk reviews, and 3 types of quality risk assessments—MGI accurately identifies and manages risks at the decision-making, technical, and quality levels. This approach not only ensures regulatory compliance and stability throughout the innovation process but also builds a strong line of defense for governance to safeguard the delivery of high-quality, innovative outcomes.	Upstream of the Value Chain Self-operation Downstream of the Value Chain	Short, Medium, and Long-term	Advancing Life Science Tools for Future Healthcare Appendix 2: Key Performance Table
Genomics Accessibility	MGI upholds the philosophy of "advancing science and technology to benefit more people". We closely adhere to the goals of affordability, accessibility, and sustainability. To this end, we continuously refine our full-process tool-chain—from sample processing and sequencing to data analysis—to drive the large-scale adoption of genomics technologies in research institutions, healthcare systems, and public research platforms.	MGI caters to differentiated needs by establishing a multi-omics capability layout that covers large population research, cellular omics, spatiotemporal omics, and other directions. This enhances our ability to acquire high-quality data, providing a more solid data foundation for precision medicine, public health, and scientific research.	Upstream of the Value Chain Self-operation Downstream of the Value Chain	Short, Medium, and Long-term	Leading Life Science Innovation Advancing Life Science Tools for Future Healthcare
Compliant operations	MGI strengthens special risk management for its global business layout. It is committed to building a modern compliance management system that is in line with international standards and synchronized with business development.	MGI has built a "Three Lines of Defense" model consisting of business departments, the compliance management department, and the supervision/audit department. This architecture ensures that compliance management achieves full coverage and operates in a closed-loop manner. At the same time, the Company has further integrated the COSO Internal Control Framework deeply into our daily operations and is actively cultivating a culture of compliance among all employees.	Self-operation	Short, Medium, and Long-term	Leader in Compliance Governance Appendix 2: Key Performance Table
Product quality	MGI integrates its quality policy, "excellence in intelligent manufacturing, quality first", throughout the entire process of management, RD, production, and service. It upholds the quality philosophy of "adherence to standards, pursuit of excellence, commitment to innovation, and continuous improvement". And it implements the "Five Synchronization" quality management model, integrating science, technology, quality, standards, and intellectual property rights. Its purpose is to establish a comprehensive, full-process quality control system.	MGI has established a quality and safety risk management system. It carries out full lifecycle risk management from risk identification, risk analysis, risk assessment, and risk control, etc., utilizing various risk analysis tools such as Preliminary Hazard Analysis (PHA) and Failure Mode and Effects Analysis (FMEA). By integrating these tools with information systems, the Company implements continuous and dynamic risk management.	Upstream of the Value Chain Self-operation Downstream of the Value Chain	Short, Medium, and Long-term	Advancing Life Science Tools for Future Healthcare Appendix 2: Key Performance Table
Addressing Climate Change	MGI actively draws upon the TCFD framework. It is systematically reviewing the potential risks and opportunities arising from climate change, and assessing their impact on operations, supply chains, and markets in light of its business characteristics, with the goal of developing adaptive management strategies. It strives to transform climate challenges into strategic opportunities that drive sustainable business growth.	Relying on the ESG Committee on Strategy and Sustainable Development it has set up, MGI continuously explores climate change management mechanisms. Based on industry practice, MGI is exploring in greater depth the path to systematically incorporate climate risks into its risk management framework, while assessing the feasibility of establishing a senior management mechanism (such as a climate-related working group or committee).	Upstream of the Value Chain Self-operation Downstream of the Value Chain	Short, Medium, and Long-term	Guardian of Our Environment Appendix 2: Key Performance Table
Supply Chain Security	At the core of MGI's strategy is the development of a sustainable supply chain. By optimizing its organizational structure and refining institutional frameworks, MGI strengthens its governance foundation. It leverages IT-enabled systems to achieve transparent, full-lifecycle management of its suppliers. Concurrently, MGI deepens collaborative partnerships with suppliers, establishes a robust, multi-dimensional risk prevention and control mechanism, and enhances team capabilities.	MGI has established an integrated functional system covering procurement, logistics, and supply chain management, and it has clearly defined a full lifecycle supplier management mechanism that covers all stages, including supplier admission, review, performance evaluation, and withdrawal. We also regularly organize supplier exchange conferences to share strategic objectives with suppliers.	Upstream of the Value Chain Self-operation Downstream of the Value Chain	Short, Medium, and Long-term	Advancing Life Science Tools for Future Healthcare Appendix 2: Key Performance Table

Sustainable Development Process in 2025

Leading Life Science Innovation

Leading Life Science Innovation

As of December 2025, users worldwide had cumulatively published **18,009** papers based on the full-read-length sequencing platform.

Keep promoting the application of sequencers to fields such as disease control, customs, microbiology, justice, and animal pandemic, education.

To Develop and Promote Advanced Life Science Tools for Future Healthcare

Invest continually in core technology RD, and provide globally leading technology products and services

49 DCS Labs have been established worldwide, which have joined by the Shanghai Center for Brain Science and Brain-Inspired Technology, the Haihe Laboratory of Cell Ecosystem, the National Cancer Centre Singapore, the Peking University Institute of Advanced Agricultural Sciences, Fujian Medical University, the National Model Animal Science Center of China Agricultural University, and the Institute of Health and Medicine at Hefei Comprehensive National Science Center, etc.

The Company has passed **57** audits by regulatory authorities successfully.

0 adverse reaction incident and **0** product recall.

Customer service satisfaction: **95.3** points.

100% auditing on supply chain manufacturers.

Leader in Compliance Governance

Operating responsibly and improving the business environment

Passed ISO 27001 Information Security Management System and ISO 27701 Privacy Information Management System certification.

9 internal control inspections were organized in total.

Organized **5** compliance training sessions.

100% coverage of employees receiving integrity training.

No cases like administrative penalties or violations of laws and regulations.

Value Growth Partner

Embracing diversity and inclusiveness, and practicing social responsibility

The Company created job opportunities for **2,195** people, including **425** overseas employees and **972** female employees.

Total social donations reached **6.0545** million yuan throughout the year.

Established the "MGI Tech Technology Innovation Fund".

No major global workplace accidents occurred.

Guardian of Our Environment

Promoting green operations and low-carbon development

All global research and production bases maintained a **100%** environmental compliance rate.

Certified as a "demonstration base for green technology application" by the National Development and Reform Commission.

Leading Life Science Innovation

No breakthrough in the life sciences would be possible without innovations in observational tools. As one of the few companies in the world with the in-house R&D capability for core tools, MGI Tech deeply understands that the value of a tool lies not only in the limits of precision, but more importantly, in the extensibility of its application breadth.

In 2025, we were committed to breaking down the barriers that hindered the popularization of life sciences. From the frontlines of HIV prevention and control on the African continent to climate monitoring in European vineyards; from the exploration of microorganisms in 10,000-meter-deep abysses to biological breeding in rural China; from national-level biosafety protection to personal health management, we are dismantling the barriers of capital, expertise, and geography to enable the benefits of life sciences to proliferate globally, much like a tide.

Future Plan

- To participate in and empower more large-scale population cohort and multi-omics research projects worldwide;
- To create more than **20** typical application scenarios in scientific research, clinical practice, public health, ecological environment, agricultural breeding and other fields;
- To establish cooperation with more than **2,500** medical institutions, scientific research institutions and testing service institutions worldwide;
- To continuously iterate the industrial ecosystem information-sharing platform, gather resources from more than **300** ecological partners;
- To promote the popularization of technologies for people's livelihood testing scenarios such as food safety, and achieve sustained optimization of testing efficiency and costs in key scenarios.

This chapter responds to SDGs

Enhancing the Accessibility of Genomics

MGI Tech upholds the philosophy of making technology accessible to all, dedicated to applying cutting-edge technology with lower barriers to entry and higher consistency to serve a broader population and a wider range of application scenarios. We closely adhere to the goals of affordability, accessibility, and sustainability. To this end, we continuously refine our full-process tool-chain—from sample processing and sequencing to data analysis—to drive the large-scale adoption of genomics technologies in research institutions, healthcare systems, and public research platforms. At the same time, to meet differentiated needs, we formed a multi-omics capability layout covering large-scale population research, cell omics, spatial transcriptomics and proteomics, enhancing the ability to obtain high-quality data and providing a more solid data foundation for precision medicine, public health and scientific research.

Large Population Genomics

MGI proactively participated in the initial launch and execution of global large population cohort projects, including Indonesia's "National Genome Program", Thailand's "Genomics Thailand Initiative", Brazil's "National Genome Program", South Africa's "110K Human Genome Program", "China Metabolic Analytics Project (ChinaMAP)", "China Kadoorie Biobank" and the Study on the Establishment of the China Natural Population Demonstration Cohort (Taizhou Cohort). In 2025, we continued to advance our efforts. For large-scale cohort research and clinical accessibility needs, we further reduced sequencing costs and improved turnaround speed, making the outlook of "Omics for All" come true.

Cell Omics

Single-cell sequencing technology has addressed the problem of cellular heterogeneity, greatly enhancing the resolution of our understanding of life systems, and has become a routine method in life science research. Leveraging its large-scale capacity for raw material production and processing, MGI Tech has significantly reduced the cost of single-cell sequencing technology, making the era of single-cell research more accessible to researchers.

In 2025, we launched the DNBelab C-YellowR 16 single-cell all-in-one automation system. It is the world's first truly fully automated single-cell platform covering the entire process from cell/nucleus suspension preparation to high-throughput sequencing library preparation, greatly reducing the threshold and manual errors of single-cell library construction. Meanwhile, the Company's newly developed Xpress high-throughput single-cell full-length transcriptome technology elevates single-day throughput to 4,608 cells. It can precisely detect full-length gene sequences and variable splicing isoforms, enabling heterogeneity analysis at the gene transcriptome subtype level. This helps uncover the molecular basis for the unique functional specializations of neural cells.

Spatial Omics

Spatiotemporal omics technology can elucidate the specific functions of the genes and cells in individual development and disease progression from both temporal and spatial dimensions, thereby achieving high-throughput and high-precision multi-omics information capture, meeting the needs of modern pathology for morphology, as well as qualitative, quantitative, and localized identification of key biomarkers.

In 2025, we completed the upgrade to the large-size chip for the spatiotemporal transcriptome FF V1.3 and simultaneously iterated schemes such as the spatial protein transcriptome Stereo-CITE V1.1. This enables co-detection of transcriptomes and multiple proteins on the same tissue section, enhancing gene and protein capture levels as well as spatial single-cell analysis capabilities. It provides more scalable technical support for mapping panoramic molecular cell atlases at the organ level.

Proteomics

Proteomics serves as a critical bridge connecting the genome to biological functions, directly reflecting gene expression, cellular states, and disease mechanisms. By systematically analyzing protein expression, modifications, interactions, and spatial distribution, proteomics can reveal the patterns of disease onset and progression, identify precise diagnostic biomarkers and drug targets, and drive advances in precision medicine, new drug development, and clinical translation. When integrated with genomics, transcriptomics, and spatial omics, it provides a panoramic perspective for life science research as well as disease diagnosis and treatment. From empowering the adoption of cutting-edge technologies like Olink and Pixelgen to innovating our proprietary FluoXpert platform, MGI is continuously building an open, integrated tool ecosystem. This enables researchers to freely select and integrate a variety of cutting-edge technologies, including proteomics, based on a unified and reliable platform.

As national, million-scale genome programs are launched successively around the world, the volume of data is growing exponentially. Faced with this vast number of samples, the efficiency of traditional sequencing can no longer meet the ultimate pursuit of accessibility and affordability in both research and clinical practice. The industry urgently needs a super tool that not only delivers rapid sequencing but also enables industrialized, intelligent production. In 2025, through iterative upgrades to our flagship platform, we delivered the solution.

Case

The Ultra-High-Throughput Gene Sequencer T7+ Sets a New World's Strongest Daily Delivery Capability

In September 2025, we launched our new flagship product T7+. This device sets a new industry benchmark with a daily ultra-high throughput of 14Tb. It can complete one full human Whole Genome Sequencing (WGS) in an average of just 10 minutes, with an annual processing capacity of up to 35,000 pieces. Furthermore, it elevates data accuracy to an exceptional level of Q40(>90%), providing near-perfect data for clinical research. Even more groundbreaking, the T7+ innovatively adopts a "7-in-1" integrated design, consolidating the seven major experimental steps—from DNB preparation to bioinformatics analysis—into a compact body of just 1 square meter. Paired with an intelligent operating experience, it empowers multiple application fields such as spatial omics, cell omics, and proteomics, becoming a super engine that drives the implementation of large-scale population cohort studies worldwide and dramatically reduces per-person sequencing costs.

Case

T1+ Ushers in the "Desktop Era" for Sequencers

In the past, sequencers capable of terabyte-scale data output were often bulky, making them difficult to deploy in community-level medical and healthcare institutions. In February 2025, MGI Tech officially launched the T1+, successfully condensing ultra-high-throughput sequencing capabilities into a desk-top-sized device. In June, 2025, the T1+ received CE certification from the European Union.

The T1+ not only inherits the high accuracy of DNBSEQ technology but also achieves an efficient turnaround time, completing sequencing within 24 hours through its highly integrated fluidic and optical systems. The T1+ is also among the fastest models in today's global lineup of desktop Tb-level gene sequencers. With its faster speed, greater flexibility, and enhanced user-friendliness, it is propelling the industry into the era of "Library Loading to Same-day Data Delivery".

Empowering a Healthy Future

MGI Tech Co. Ltd. is committed to advancing the application of gene technology in precision medicine and public health, enhancing the quality and efficiency of diagnosis and treatment in key clinical settings. In response to the risks of cross-border transmission of infectious diseases as well as emerging and sudden outburst of infectious diseases, we continuously enhance our capabilities in pathogen surveillance, source-tracing analysis, and emergency response. At the same time, we are also extending our technological innovations to the field of public health management, promoting the popularization of health knowledge and expanding the coverage of health services to a broader population through more accessible product forms.

Advancing Precision Medicine

The clinical setting is where precision medicine is applied, and reliability is its core requirement. In 2025, MGI Tech focused on key clinical areas, enhanced testing stability, and promoted the use of telemedicine tools in community-level health-care services. Through more flexible diagnostic and treatment approaches, we supported the development of capacity for early screening and diagnosis.

Case

Jointly Building the SEQ ALL Ecosystem to Promote Clinical Testing from Usable to Reliable

On the occasion of the 10th anniversary of the development of DNBSEQ technology, MGI has continuously improved the SEQ ALL full-process tool ecosystem focusing on precision medicine scenarios. Relying on its full-chain capabilities of "Sample Preprocessing - Sequencing - Data Analysis", MGI has carried out cooperation with ecological partners in the industry to accelerate the application of gene sequencing technology in fields such as reproductive health, oncology, infectious diseases and genetic disease testing, and continuously expand the application boundaries of precision medicine.

In practice, sequencing platforms such as the G99 and G400 are compatible for customized solutions to meet diverse clinical needs.Leveraging MGI's instrument platforms, our partners are advancing the development of localized solutions in the field of genetic disorder testing, including whole exome sequencing (WES) and neonatal genetic disease screening. In the oncology sector, they have established a closed-loop testing product and service matrix encompassing "Prevention, Screening, Diagnosis, and Monitoring". In the field of infectious diseases, we are facilitating the construction of metagenomic next-generation sequencing (mNGS) platforms for pathogen detection, which enhances the flexibility and response efficiency of testing services. Concurrently, we are further expanding the application of nanopore sequencing technology on the CycloneSEQ platform into areas such as pathogen detection, genetic disorder testing, and tumor molecular classification.

In terms of qualifications and regulatory compliance, we provide strong safeguards for our marketing and business deployment. All of MGI's commercially available sequencing platforms—encompassing low-, medium-, and high-throughput models such as the E25, G series, and T7—have been granted Medical Device Registration Certificates by China's National Medical Products Administration (NMPA), thereby fully qualifying them for clinical application. In addition to independently pursuing the registration of our own sequencers, we are committed to industrial ecosystem collaboration to deliver superior products and services to users. Currently, by supporting OEM partners in their IVD (In Vitro Diagnostics) qualification applications, we are facilitating the integration of more platforms built on its core DNBSEQ technology into the clinical application ecosystem.

"Ultrasound + 5G + AI" Empowering Primary-Level Tumor Screening, Diagnosis and Treatment

The Tele-Ultrasound Diagnosis and Treatment Center of Jiangsu Cancer Hospital, jointly built by Jiangsu Cancer Hospital and MGI, was officially inaugurated in July 2025. Equipped with tele-ultrasound robots, 5G-enabled ultrasound robot mobile vehicles, breast screening vehicles, handheld ultrasound devices and other equipment, the Center has established a remote diagnosis and treatment platform to enable real-time collaboration between multidisciplinary experts in the Hospital and frontline primary screening sites. This extends high-quality ultrasound medical resources to grassroots and remote areas, addresses service gaps caused by the shortage of ultrasound physicians at the primary level, and strengthens capabilities in early tumor screening, early diagnosis and follow-up management. In addition, the EF6-CL intelligent handheld ultrasound launched by MGI features dual-probe coordination, 64-channel and 128-element high-precision imaging technology, supporting multi-site examinations including abdomen, obstetrics and gynecology, superficial tissues and blood vessels. It can be applied to clinical diagnosis, chronic disease management for the elderly, out-of-hospital emergencies, primary-level screening, and home care — such as on-site physical examinations by family doctors, real-time health monitoring data acquisition, and assisted disease management.

Case

Pocket-Sized Devices for Medical Imaging: The EF6 Series Put Ultrasound Devices in the Pocket

In order to make medical imaging diagnosis more flexible, KUNSHAN IMABOT has launched the EF6 series of handheld ultrasound diagnostic devices. Comparable in size to a smartphone and weighing just 275 grams, this device allows doctors to easily carry it in a pocket and perform examinations anytime, anywhere. Despite its compact body, it is equipped with a dual-probe system that can simultaneously meet the scanning needs of deep organs (convex array) and superficial tissues (linear array). This enables community-level doctors to obtain immediate, high-quality imaging support during home visits or at emergency scenes, truly delivering an end-to-end healthcare solution from gene decoding to intelligent diagnosis.

Universal Access to Personal Health

The value of cutting-edge life science technology lies not only in technological breakthroughs but also in serving public health needs with lower barriers and broader coverage. Leveraging innovative, miniaturized, and consumer-grade products, MGI Tech integrates cutting-edge life science technology into daily life in more convenient and affordable forms, lowering the barrier to accessing personal health information.

MGI Home Health Testing Devices

Imabot™ Smart Handheld Ultrasound Diagnostic Device

A smartphone-sized, wireless ultrasound diagnostic device weighs less than 300 grams. In 2024, it accompanied Wang Jian, Chairman of MGI Tech, to the summit of Mount Everest, transmitting the world's first ultrasound image from the "Roof of the World". It can be applied in various situations such as family doctors, emergency rescue, and outdoor medicine.

ZHEALTH-Lite Smart Health Companion Kit

As a smart home health monitoring device that integrates biosensing and AI machine vision technology, it features an innovative "contact + non-contact" dual-mode detection system, capable of monitoring over 10 health indicators such as ECG, blood glucose, and blood pressure. Powered by the DeepSeek AI engine, it achieves unobtrusive screening and precise monitoring.

YINJIAN™ Series

They include the "Alcohol-drinking Gene Rapid Test Star-Kit" and its upgraded version "Rapid Test Star-Kit Plus" as well as the "Coffee Gene Rapid Testing Reagent". In just 20 minutes, users can understand their own ethanol and acetaldehyde metabolism capacity and caffeine tolerance, providing scientific guidance for a personalized lifestyle.

Micro-pressure Oxygen Chamber

It provides an oxygen-rich environment at 1.1-1.3 atmospheres, which can effectively improve sleep, relieve fatigue, and delay aging. It also supports remote control via smartphone and integration with wearable devices, making it suitable for various settings such as homes and rehabilitation centers.

Bloomics® Microneedle Blood Collection System

Inspired by natural leeches, it uses biomimicry to achieve painless, minimally invasive blood collection. It can be used in settings such as genetic sequencing and blood glucose monitoring.

During the reporting period, the Company's consumer-grade products gained further recognition in public scenarios: The YINJIAN Alcohol-drinking Gene Rapid Test Star-Kit was featured at the China (Shenzhen) International Cultural Industries Fair (ICIF), where it was honored with the titles of "ICIF Gift" and "Shenzhen Souvenir". This reflects the product's influence in public health science popularization and consumer-grade applications.

Case

One Device, Multiple Tests: The Rapid Test Star-Kit Plus Drives Gene Technology into Daily Use

In order to meet the need for health management accessible to all, MGI Tech is integrating cutting-edge gene technology into daily life through a more lightweight and user-friendly approach. It has launched a consumer-grade rapid gene testing product system, lowering the barrier for the public to obtain personalized health information. Based on the "YINJIAN" Alcohol-drinking Gene Rapid Test Star-Kit, the Company has released an upgraded product "Rapid Test Star-Kit Plus", with further improvements in operational convenience and result accuracy. It has also simultaneously launched the "YINJIAN—Caffeine Gene Rapid Test Reagent", allowing users to learn their caffeine tolerance in about 20 minutes. This product system adopts a modular concept of "universal device + switchable reagents". The "Rapid Test Star-Kit Plus" can be adapted for various gene rapid test reagents, including those for alcohol and caffeine. Users can complete different test items without changing the device, thus advancing the popularization of personalized health knowledge with lower usage costs and a simpler workflow.

YINJIAN™ Alcohol-drinking Gene Rapid Test Star-Kit

Public Health Security

Public health security knows no borders and must stay one step ahead of viral mutation and transmission. In the face of increasingly complex global biosecurity challenges, MGI Tech is constructing a precise protective network worldwide, with its independently developed and controllable genomics technology at its core.

In 2025, at the forefront of the anti-epidemic efforts in Rwanda, Africa, our HIV-1 drug resistance sequencing kit software helped a scientific team accurately reveal the vertical mother-to-child transmission rate of drug-resistant HIV strains, providing a scientific basis for local health departments to reduce the risk of HIV transmission from mothers to their children. This meticulous guardianship of life also extends to the frontlines of national biosecurity and the rapid response to emerging infectious diseases. From building a smart interception system at the port of entry that covers 20,000 types of pathogens to achieving rapid source tracing for sudden epidemics like Chikungunya fever, MGI Tech continuously empowers the global public health system, using technological strength to protect the global community of health for all.

Case

Safeguarding National Biosecurity at the Port of Entry: Precise Tracing and Interception of 20,000 Types of Pathogens

To date, the project has yielded 33 published papers, 19 authorized intellectual property rights, and 3 national or association standards. Centered on border security, the project's achievements provide strong technical support for enhancing the core capabilities of port public health. Addressing the limitations of conventional detection methods—including incomplete coverage and difficulties in traceability—the project has achieved comprehensive technological breakthroughs. It has established a pathogen–vector collaborative tracing model that overcomes the constraints of single–channel monitoring, integrating vector species identification and pathogen detection into a single reaction system. A large–scale database covering 9 categories of vector species and over 20,000 pathogens has been built for joint analysis. By constructing a four–dimensional data foundation centered on "Population–Pathogen–Vector–Environment", the project forms a closed loop linking key port infectious diseases, epidemiological profiling, cross–border transmission risk assessment, and the laboratory monitoring network for vectors and pathogens, realizing a paradigm shift from individual case reporting to systematic analysis.

Case

Supporting Public Health Capacity Building in Africa: Laboratory Testing and Genomic Sequencing Training for Africa CDC Personnel

In November 2025, focusing on the topic of public health capacity building, we supported a laboratory testing and genomic sequencing training program at the Africa CDC headquarters to help improve the regional epidemic surveillance and risk early warning system. The three-week program was organized and implemented at the Africa CDC headquarters, a facility built with Chinese aid. It adopted a "hands-on practice + workflow simulation" approach for 30 public health and laboratory professionals from 16 African countries. The training focused on core experimental skills, accurate pathogen detection, antimicrobial resistance (AMR) monitoring and analysis, and the standardization of laboratory quality management.

During the training, participants conducted hands-on operations and workflow learning centered on technical routes such as automated sequencing and sample processing. Combined with the needs of frontline outbreak response, the program strengthened capacity building for "faster detection—fewer manual steps—more timely analysis". Additionally, the curriculum included content on biosafety and surveillance systems. Through thematic exchanges on topics such as bacteriophages, the training supported participants in understanding and exploring diverse technical pathways in the context of antimicrobial resistance (AMR). The program promoted the mastery and reuse of pathogen surveillance and source-tracing analysis methods by the regional laboratory workforce, improving the public health emergency response systems of African nations.

A Trainer from MGI Tech Guides African Experts in Operating Laboratory Equipment




Expand Application Scenarios

MGI Tech continuously extends its core technological capabilities from laboratory tools to broader application scenarios, focusing on key sustainable development issues such as agriculture, food safety, environmental governance, and biodiversity conservation. By integrating its strengths in sequencing, automation, and data analysis, it develops end-to-end solutions that enhance the technology's practicality and scalability for large-scale application, thereby helping to improve resource utilization efficiency, public health, and ecological resilience.

Agriculture and Food Safety

In response to global challenges in agriculture and food safety, we continuously drive the large-scale application of our core tools in the agricultural sector. We support key directions such as precision breeding for crops and livestock, as well as research in agricultural microbiology and soil health. This facilitates the transformation of modern agriculture towards higher yields, greater efficiency, and lower environmental load. Concurrently, we enhance food safety oversight capabilities and build a foundation of consumer trust through our traceable and verifiable technological systems.

Case

International Climate Research: Microbial Sentinels in the Vineyard

As global warming intensifies, Saharan dust storms are crossing the Mediterranean with growing frequency, carrying vast quantities of bioaerosols to European farmlands. In order to unravel the micro-level impacts of this climatic phenomenon on agriculture, the University of Lisbon, Portugal, has partnered with MGI Tech to launch a specialized monitoring program for dust-borne microbes. The research team employed MGI's G99 sequencer to perform metagenomic sequencing on both the dust and vineyard soil.

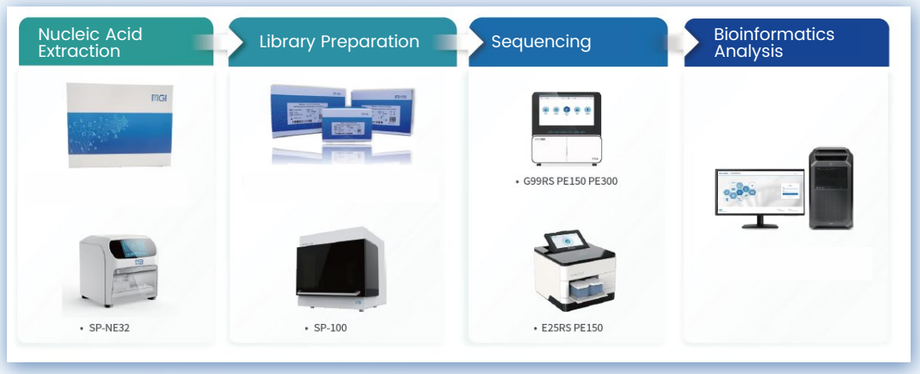
Our goal is not only to monitor but also to provide a scientific basis for decision-making, helping agriculture tackle climate risks. By precisely analyzing the potential impacts of these exogenous microbes on grapevine root systems and fermentation quality, we have not only established a risk early-warning mechanism for farmers but have also turned a crisis into an opportunity. This has helped scientists screen for and identify probiotic strains with drought tolerance and nitrogen-fixing potential from among these microbes, which are adapted to extreme desert environments. This paves the way for nature-based solutions in the future, such as developing novel biofertilizers and enhancing crop survival rates in arid climates. It vividly demonstrates how MGI Tech leverages genetic technology to help traditional agriculture build resilience in the face of an uncertain and changing climate.

A Researcher from the University of Lisbon Is Using the G99 Sequencer

Case

A Discerning Eye on the Dining Table Unmasks "Invisible Adulteration"

In order to combat the persistent scourge of food fraud—epitomized by the practice of "selling dog meat under the label of mutton"—in the global food supply chain, MGI Tech officially launched its "Shiyuan" Plant and Animal Species Identification Product Suite in 2025, providing regulatory authorities with a suite of precise analytical tools. This solution is built on the DNBSEQ sequencing platform and ATOPlex multiplex PCR technology.This combination product employs the ATOPlex two-step targeted amplification library preparation technology, which was specifically designed and developed in accordance with two key domestic industry standards: Qualitative Detection of Animal-derived Ingredients in Food (BJS 202401) and Qualitative Detection of Plant-derived Ingredients In Grain Milling and Products, Starch and Products (BJS 202411). Leveraging DNA metabarcoding sequencing based on DNBSEQ technology, it is coupled with the SP-NE32 and SP-100 automated instruments to complete the entire experimental workflow. Unlike traditional methods, it can perform genetic-level authentication of highly processed foods, such as meatballs and vermicelli, within 24 hours. It can accurately detect and even relatively quantify adulterants in concentrations as low as 1%. This has enabled the successful identification of multiple "invisibly adulterated" products in market spot-checks, making it a "discerning eye" for safeguarding the rights and interests of consumers and strengthening food safety supervision.



MGI Tech's "Shiyuan" Plant and Animal Species Identification Product Suite

The Inaugural Results of Powering the First 100K Global Chicken Reference Panel Program Are Released

Though chickens are the most widely raised poultry globally, chicken genome research lacks a high-quality, broadly representative reference genome panel with a sufficient number of samples. This deficiency has severely constrained the advancement of precision poultry breeding. In order to fill this global gap, the team led by Professor Hu Xiaoxiang at China Agricultural University launched the "100K Global Chicken Reference Panel (100K GCRP)" Program. The Program is dedicated to treating the complex genome as a language that can be parsed by AI deep learning. Faced with enormous cost and efficiency challenges posed by a sample size on the scale of one hundred thousand, the project team adopted MGI's full toolchain as its core support. Through seamless coordination among the T7 ultra-high-throughput sequencing platform, automated systems including the SP-960, and the STP-7000 sample aliquoting system, the project team established a one-stop automated production line covering sample processing through sequencing. Real-world comparison tests further revealed that the duplicate sequence rate of MGI's platform is significantly lower than that of imported instruments, enabling more effective data generation at a more competitive cost. In April 2025, Phase I results of the project were officially released. The study successfully integrated 11,951 global chicken genome samples, identifying more than 48 million SNPs and 4.7 million InDels, among which 67.6% were novel mutations—greatly expanding the coverage of existing variation databases. This milestone achievement represents the world's first chicken reference genome resource library, laying a solid data foundation for future commercial broiler genetic breeding, quantitative trait analysis, and research into human disease models.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GCRP: Integrated Global Chicken Reference Panel from 11,951 Chicken Genomes

Di Zhu , Yuzhan Wang , Hao Qu , Chungang Feng , Hui Zhang , Zheya Sheng , Yunliang Jiang , Qinghua Nie , Suqiao Chu , Dingming Shu , Ziqin Jiang , Dexiang Zhang , Lingzhao Fang , Hui Li , Zhenqiang Xu , Yiqiang Zhao , Yuzhe Wang ✉ , Xiaoxiang Hu

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Environmental Monitoring and Biodiversity Conservation

Driven by the demands of ecological and environmental governance and biodiversity conservation, MGI Tech continuously advances the expansion of applications of genetic sequencing technology. The Company utilizes innovative technologies to enhance the analysis of complex environmental samples, providing a data foundation for ecosystem health assessments and environmental risk identification. In international cooperation for biodiversity conservation, the Company supports whole-genome sequencing and traceability verification of species such as fish in the Amazon region. With respect to climate change related issues, it also contributes to monitoring the risks of transregional microbial transmission, while extending relevant technologies to intersecting settings such as agro-ecology and soil health, thereby promoting the synergistic achievement of ecological conservation and sustainable development goals.

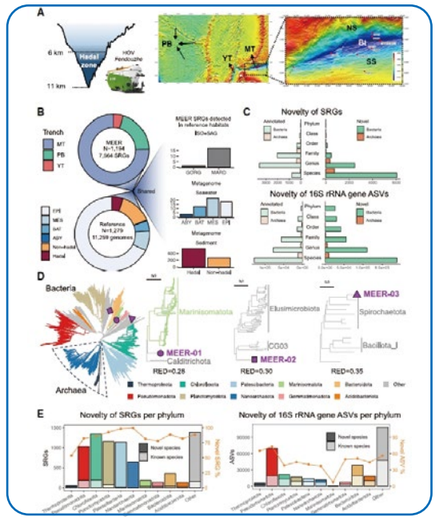
Annual Close-Up

Decoding Life Across Time and Space: From the 10,000-Meter Abyss to Millennial Echoes

The study of the environment and biodiversity is, in essence, an exploration of space and time. In 2025, the sequencing technology from MGI transcended its role as a mere analytical tool in the laboratory. It transformed into a deep submersible and a time machine in the hands of scientists, breaking through the limits of physics and time to map out an unprecedented panorama of life on Earth.

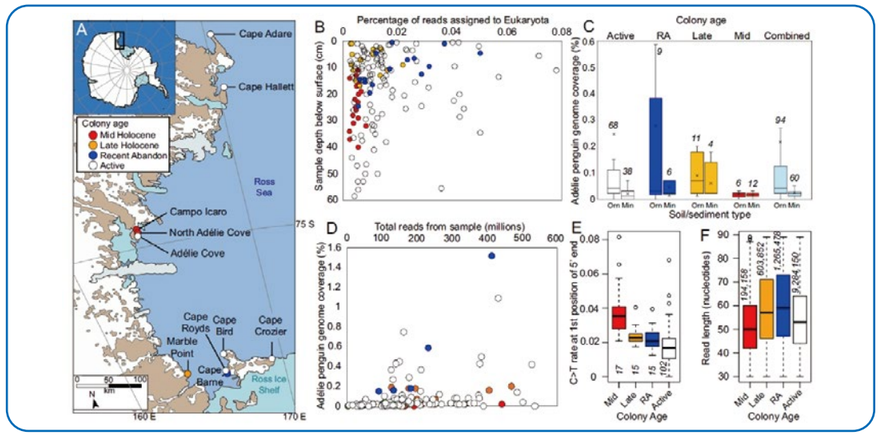
The Folding of Space: Diving 10,000 Meters to Decode Life in the Forbidden Zone

In the Mariana Trench, once considered a forbidden zone for life, the immense water pressure at the depth of 11,000 meters makes sample collection and preservation exceptionally challenging.In 2025, multiple software and hardware tools co-developed by MGI and deep-sea research institutions—including the deep-sea sample information collection and management system, the fully automated nucleic acid and protein co-extraction platform, and the containerized mobile scientific expedition laboratory—further empowered scientists in unlocking the mysteries of deep-sea life. Leveraging these tools, scientists successfully processed over a thousand valuable deep-sea samples, including water bodies, sediments, and rocks, and completed high-quality library preparation and sequencing in an extremely short period of time. This study ultimately produced the world's first map of deep-sea microbial ecosystems, identifying 7,564 prokaryotic microbial species, 89.4% of which were previously unrecorded new species. This groundbreaking achievement was published as a cover article in the journal Cell, showcasing to the world a thriving abyssal world beyond imagination.



A Journey Back in Time: Reconstructing a Lost Homeland Across 6,000 Years

If deep-sea exploration is an extension into space, then the study on environmental sediments is a journey back in time. On the remote Antarctic continent, researchers collected lake sediment cores that had been exposed by melting glaciers. Leveraging the superior capability of DNBSEQ sequencing technology to capture highly degraded ancient DNA, the team successfully read and reconstructed genetic information spanning 6,000 years from within the sediments. The data vividly reconstruct the dynamic history of population fluctuations for species such as penguins and seals over thousands of years. It not only reveals how ancient ecosystems evolved in response to environmental shifts but also provides the most direct and invaluable historical reference for understanding the long-term impacts of present-day climate change on the biosphere.



From the faint light in the 10,000-meter abyss to the dust of six millennia ago, MGI is embracing a pan-temporal and spatial vision. Through precise gene sequencing technology, it is seeking the scientific annotations for the harmonious coexistence of humanity and nature.

Case

Saving the Amazon Rainforest: Starting with the DNA of a Single Fish

The Amazon rainforest, hailed as the "Lungs of the Earth", is home to 50% of the world's biodiversity. However, this fragile ecosystem is under threat from illegal fishing and poaching. In 2025, MGI Tech, in collaboration with the Federal University of Pará (UFPA) in Brazil, utilized genomics technology to create "digital IDs" for rare, native fish species of the Amazon, pioneering a new path for technology-driven biodiversity conservation.

The project team introduced the first T7 ultra-high-throughput sequencer to a public institution in the Amazon region. Leveraging the T7's ultra-high throughput sequencing, the project team developed a precise system for parentage analysis and traceability. This system can accurately determine, by testing the DNA of fish meat, whether it originates from a legally farmed population or from an illegally poached wild one.

This technology is like applying an unforgeable genetic tag to every fish that enters the market. It not only helps law enforcement effectively shut down the illegal black market for wild arapaima but also supports the healthy development of the local aquaculture industry by establishing a standardized germplasm gene bank. This, in turn, reduces the pressure on wild resources at its source, striking a perfect balance between economic development and ecological conservation.

A Research Team from the Federal University of Pará Use MGI's T7 Gene Sequencer to Perform Whole-Genome Sequencing on Arapaima Samples

Case

Seeking the "Perfect" Grapevine to Safeguard Soil Health

Maintaining the quality and yield of grapes while minimizing the damage of chemical pesticides to soil and the environment is a dilemma faced by sustainable agriculture. In 2025, MGI Tech, in collaboration with New Zealand's Lincoln University, embarked on a journey to search for the "perfect" grapevine. Leveraging the G400 sequencing platform, the team conducted large-scale sequencing of grape samples to systematically characterize genetic diversity among varieties and pinpoint key genes associated with disease resistance and stress tolerance. This enabled the identification of superior grapevines with inherent, stronger environmental resilience and fungal disease resistance, guiding variety breeding and cultivation management. At the same time, by combining this with monitoring data on disease-vector microorganisms and pests (such as powdery mildew) in vineyards, the team promoted a shift in control strategies toward precise interventions—ensuring yield and quality while reducing chemical inputs, thereby effectively protecting New Zealand's soil health and biodiversity. Additionally, the G400 sequencing platform elevated the research team's testing scale from hundreds of samples per year in the past to approximately 50,000 grape samples annually, significantly improving the efficiency of screening and validation.

The G400 Sequencer at Lincoln University

Stakeholder's Testimonial

Professor Chris Winefield from Lincoln University in New Zealand mentioned the help of MGI's sequencing tools for his research: "MGI's sequencing equipment has truly enabled small teams like ours to achieve sequencing freedom. The cost of this sequencing method is highly competitive. Our current goal is to sequence 50,000 samples a year—a goal we simply couldn't reach without MGI's support. "

Co-creating the Industry Ecosystem

The value of the life sciences lies not only in isolated technological breakthroughs, but more importantly, in consolidating innovative capabilities into shared industry infrastructure and a sustainable collaborative network. Centered on the development trends in multi-omics technology, we continuously advance industry collaboration, talent development, and academic co-creation. We strengthen open cooperation with our ecosystem partners, promote the broader dissemination and application of technology, knowledge, and standards, and help the life sciences industry ecosystem form a virtuous cycle between vibrant innovation and sound governance.

The Educational Ecosystem

Talents are not only the cornerstone of enterprise development, but also the driving force for sustainable development in the life sciences industry. By leveraging our advantages in domestically developed, independently controllable core tools and platform-based capabilities, we are building a multi-level talent cultivation ecosystem that covers "sparking early interest in science—skills training—higher education and advanced studies". We promote the deeper integration of cutting-edge technology standards and practical courses into the education system. This helps cultivate interdisciplinary life science professionals equipped with both practical skills and an international perspective, thereby solidifying the talent foundation for the high-quality development of the industry.

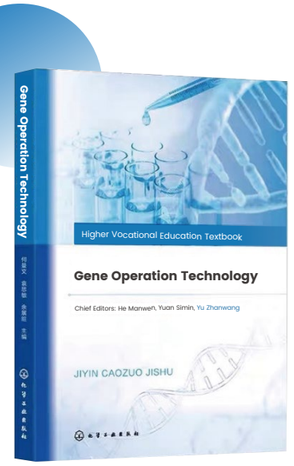
Higher Education

By providing advanced sequencing platforms and supporting reagents, we are assisting universities in cultivating the next generation of high-caliber researchers. In 2025, we supported the School of Life Sciences at Tsinghua University in launching its summer course "Fundamental Experiments in Bioinformatics" and assisted the School of Life Sciences at Nanjing University in offering the elective course "Decoding Life with Multi-omics". Furthermore, we provided strong support to the School of Chemical Engineering, Ocean and Life Sciences at Dalian University of Technology for its general elective course "Comprehensive Experiments in Biological Sciences", open to all undergraduates. In this course, a total of 90 students completed hands-on sequencing training on the DNBSEQ platform, achieving a seamless integration of theory and practice. This in-depth collaboration model, which integrates technology into curricula with official credit recognition, has been extended to leading universities in China, such as Fudan University, Shanghai Jiao Tong University, and the University of Science and Technology of China.

Vocational Education

MGI Tech and Shenzhen City Polytechnic have jointly published the higher vocational education textbook titled Gene Operation Technology. Centered on MGI's independently developed and controllable DNBSEQ sequencing technology, the textbook systematically establishes an integrated teaching system that covers "principle explanation—hands-on experiments—quality control—data analysis". This not only fills a gap in the field of vocational education textbooks for high-throughput sequencing technology but also lays a solid theoretical and practical foundation for cultivating highly skilled professionals for the industry—professionals equipped with standardized operational skills and a deep familiarity with the characteristics of equipment.

Climate Awareness Practice Activity Organized in Collaboration with UNESCO and Tsinghua University



Higher Vocational Education Textbook Gene Operation Technology

Gene Science Popularization

MGI Tech leverages innovative tools like the AlphaTool Smart Pipetting Workstation and the Environmental DNA (eDNA) Sampler to break down traditional disciplinary barriers and ignite a passion for science in young people. In 2025, we partnered with UNESCO and Tsinghua University to host the "Charting the Future with MGI Smart Devices" – Climate Awareness Practice Activity. We led middle school students into the field, where they used portable Xuangui environmental DNA samplers to collect and test water samples hands-on, transforming the abstract concept of biodiversity conservation into visualized scientific practice. Additionally, we made our debut at the 63rd Higher Education Expo China (HEEC). Leveraging AlphaTool to achieve automated interdisciplinary experimental teaching, we helped young people integrate biological principles with programming thinking through hands-on practice. This planted the seeds of exploring life sciences in the hearts of young people, cultivating future scientists with a global perspective and a sense of social responsibility.

The Academic Ecosystem

The academic ecosystem is the wellspring of innovation in the life sciences industry and the cornerstone of the industry's orderly development. By providing core R&D tools, MGI Tech empowers scientists worldwide to explore the frontiers of the unknown, supporting an explosive growth in academic achievements. At the same time, we proactively embrace our responsibilities as an industry leader. We are committed to transforming cutting-edge technologies into common industry standards, building an open, vibrant, and well-regulated ecosystem.

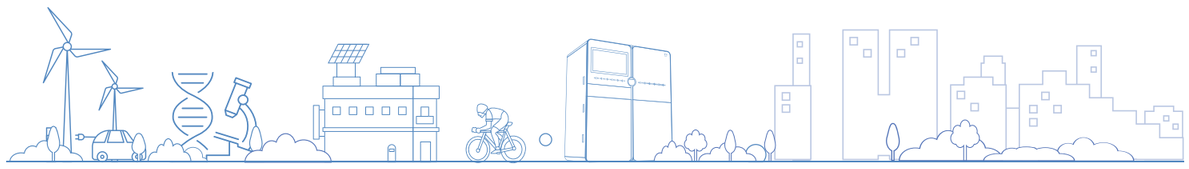
Scientific Research Empowerment

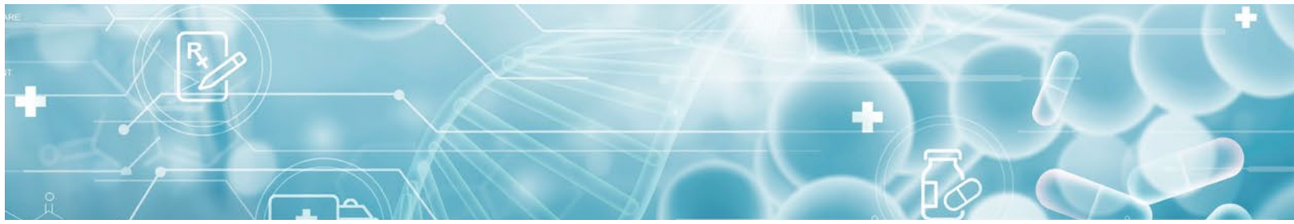
We believe that responsible technological innovation is reflected not only in product performance and delivery capabilities, but more so in the long-term support for and continuous contribution to scientific research. In light of trends in life science research and multi-omics development, MGI Tech continues to leverage the DNBSEQ sequencing platform as its core capability foundation, serving global research institutions, hospitals, and public research platforms in conducting basic and translational research. This approach promotes more stable and reproducible scientific data production, more standardized and replicable research pathways, thereby enhancing scientific collaboration efficiency and the output of high-quality research results.

As of December 2025, users worldwide had cumulatively published 18,009 papers based on the full-read-length sequencing platform. By continuously enhancing platform performance, data quality, and the supporting toolchain, we provide research institutions with more robust technical support for large-scale sequencing, complex sample processing, and multi-scenario studies. This helps to translate scientific research findings into practical applications in fields such as public health, agriculture, and eco-environment.

18,009

As of December 2025, users worldwide had cumulatively published 18,009 papers based on the full-read-length sequencing platform.





Development of Standards

MGI Tech has always adhered to the simultaneous development of scientific research innovation and standardization efforts. It actively assumes the responsibilities of an industry leader by establishing the Standardization Management Committee. Leveraging its own technological expertise and data advantages, it deeply participates in the formulation of national standards, industry standards, and social organization standards. In order to address gaps in the industry, the Company not only continuously strengthens its core business areas, such as sequencers and detection reagents, but also collaborates with upstream and downstream partners across the value chain to actively expand into international markets. In 2025, the Company participated in drafting 37 standards that have been published and implemented. These include 1 international standard, 16 national standards, and 6 industry standards. Several of these standards have filled technical gaps in the industry, providing key technical support for promoting standardized industry development.

The Standards the Company Participated in Drafting in 2025 (selected standards)

Standard Name	Standard Classification
Biotechnology—Biobanking—Requirements for deep-sea biological material (Standard No.: ISO 20309: 2025)	International Standard
Requirements for Collection, Processing, and Preservation of Deep Sea Biological Samples (Standard No.: GB/T 46753-2025)	National Standard
General Technical Requirements for Whole Genome Sequencing of SARS-CoV-2 (Standard No.: NY/T 4459-2025)	National Standard
Data Quality Evaluation Method of Human Whole Genome Sequencing (Standard No.: GB/T 45214-2025)	National Standard
Health Informatics—Public Key Infrastructure—Part 1: Overview of Digital Certificate Services (Standard No.: GB/T 21716.1-2025)	National Standard
Health Informatics—Public Key Infrastructure—Part 2: Certificate Profile (Standard No.: GB/T 21716.2-2025)	National Standard
Guidance for Accounting and Control of Quality Cost (Standard No.: GB/T 46709-2025)	National Standard
Health informatics - Patient Healthcard Data - Part 2: Common Objects (Standard No.: GB/T 21715.2-2025)	National Standard
Specification on Data Management and Publication in Microbial Resource Centres (Standard No.: GB/T 46408-2025)	National Standard
Biotechnology—Massively Parallel Sequencing—Part 1: Nucleic Acid and Library Preparation (Standard No.: GB/T 43584.1-2025)	National Standard

Advancing Life Science Tools for Future Healthcare

In the long journey of exploring life sciences and biotechnology, MGI Tech has been made pioneering efforts. Driven by our mission of "Leading Life Science Innovation", we are committed to developing and promoting advanced life science tools for future healthcare.

Our commitment extends beyond pioneering R&D innovation and robust intellectual property protection. It is also demonstrated through our systematic approach to rigorous quality management, a globally-deployed customer service network, and the co-creation of a sustainable supply chain. With responsibility as our cornerstone, we constantly push technological frontiers, deepen collaboration with our global partners, and ensure the reliable translation of innovation results into practical applications. Centered on human health needs, we constantly optimize our product and service capabilities, enhance technological accessibility and service quality, and work together to build a more inclusive and sustainable life sciences ecosystem.

Future Plan

- To continuously advance the establishment of DCSP Labs, state-of-the-art omics laboratories, worldwide;
- To serve over **5,000** users in total;
- To continuously expand our global product market access and compliance certification systems, and obtain more than **600** qualification certificates;
- To promote key suppliers to improve their ESG management systems and gradually increase the coverage of relevant certifications;
- To offer open-source AI models for environmental health to research institutions worldwide, fostering international collaboration in ecological governance.

This chapter responds to SDGs

04

R&D Innovation

MGI Tech is committed to fostering a culture of innovation rooted in originality and self-reliance. We champion breakthroughs in pivotal core technologies and seamless integration of interdisciplinary systems. Our approach encompasses the full spectrum of industry-academia-research-application in-depth collaboration. The Company continuously strengthens its core technological advantages and accelerates product iteration and upgrades. By leveraging its technological innovation results, it consistently empowers the global life sciences industry, thereby laying a solid foundation for the long-term development of technological innovation.

Research and Development System and Compliance Assurance

MGI Tech has established a comprehensive, end-to-end innovation system spanning from frontier research to industrial application, which lays a solid R&D foundation for technological iteration, product innovation, and industry empowerment. Concurrently, the Company has refined its ethical governance mechanism, upholding ethical standards and legal boundaries in all its innovation activities. It also strengthens intellectual property management and the protection of its achievements, thereby building a robust line of defense to safeguard the rights to its innovation results. This provides a solid guarantee for the high-quality, innovative development of the life sciences instruments sector.

Construction of the R&D System

MGI Tech has constructed a layered and collaborative R&D architecture that covers frontier exploration, core technology breakthroughs, and the interdisciplinary integration of medicine and engineering. It has formed an integrated R&D system with the Frontier Technology X R&D Center as the means for forward-looking deployment, the SEQ ALL Sequencing R&D Center as the vehicle for core technology breakthroughs, the Omics Multi-omics R&D Center for multi-dimensional research in life sciences, the intelligent automation business of the GLI Lab as a platform for application validation and technology transfer, and the Smart Med-Engineering/Academy as a hub supporting the interdisciplinary integration of medicine and engineering and talent development. It fully covers all links in the innovation chain from basic frontiers to industrial applications, building a solid R&D foundation for technological iteration, product innovation, and industry empowerment in the field of life science instruments.

R&D Resources

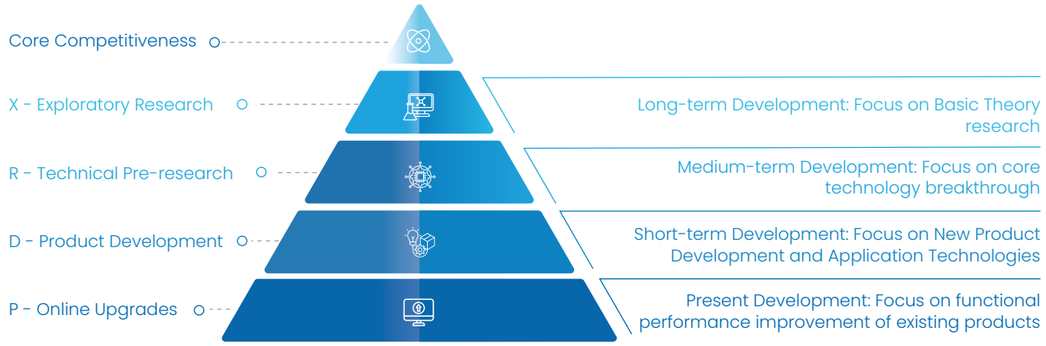
The Company maintains high-level, substantial R&D investment, providing sufficient financial guarantees for tackling core technologies, exploring frontier fields, and applying innovation results. At the same time, it has built a series of independently developed technology platforms and advanced biotechnology equipment, creating a solid hardware foundation for technological innovation. In order to build an R&D talent matrix that combines both a forward-looking vision and breakthrough-achieving capabilities, we have recruited internationally renowned scientists and technical experts who are specialized in genomics, bioinformatics, molecular biology, and related fields, continuously leading technological breakthroughs and industrial upgrading in the life sciences field.

Key Performance — 2025

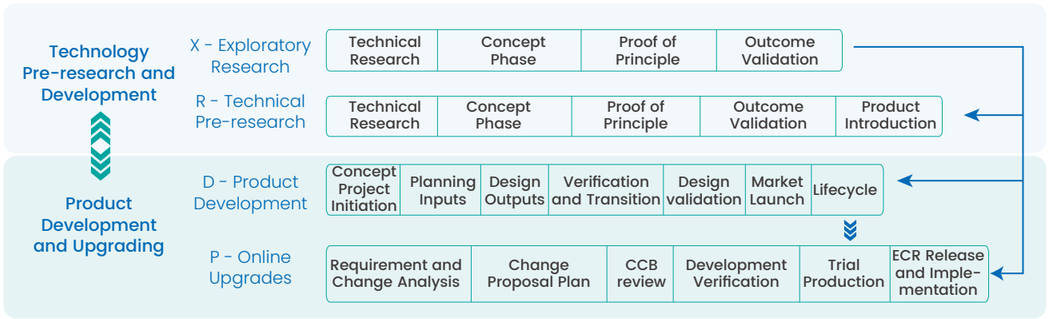
R&D investment	R&D staffing number	R&D personnel ratio	Percentage of R&D personnel holding Master's Degrees or higher
61,009.73 10,000 yuan	572 People	26.06%	60.49%

R&D Model and Processes

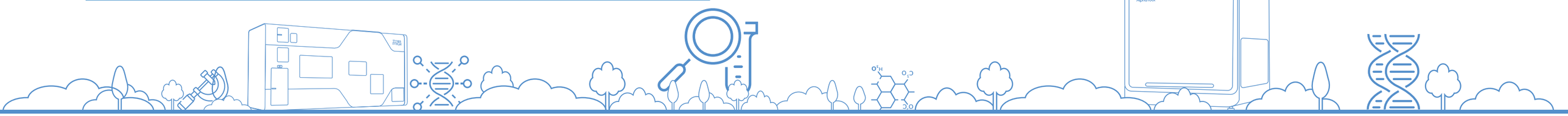
MGI Tech has developed a technology assessment and planning system tailored to its unique needs. We have crafted a distinctive "four-level R&D hierarchical management model" aligned with our various developmental phases. This model encompasses X-Exploratory Research, R-Technical Research, D-Product Development, and P-Online Upgrades. This structured approach ensures that our technological innovation and core competencies remain dynamic, positioning us as industry leaders. Meanwhile, the Company has developed differentiated R&D processes for four-level hierarchies, and established a full-cycle control chain for each type of project to ensure the orderly implementation of R&D initiatives and their value realization. For the purpose of further enhancing the management of new product and new technology development as well as product improvement, we have developed the MGI-IPD integrated product development model. This model combines the ISO 13485 international standard with the leading R&D practice model IPD. And it seamlessly blends the industry's stringent product quality requirements with integrated development tools and methods, delivering standardization and efficiency throughout the R&D processes.



MGI Four-level R&D Hierarchical Management Model



MGI Four-level R&D Hierarchical Processes



R&D Innovation Strategy Model

MGI has established a model for enhancing autonomous innovation capabilities, focusing on four key areas: products, disciplines, talent, and evaluation. This multi-dimensional approach solidifies the very foundation of its autonomous innovation. In the product dimension, MGI is guided by science and technology and driven by significant application needs. MGI focuses on customers' pain points in practical applications, concentrates superior resources on targeted technological improvements, and promotes precise alignment between innovation results and market needs. In the disciplinary dimension, MGI adopts a problem-driven original model, extracts common scientific propositions across multiple fields such as physics, chemistry, mathematics, and optics from scenario-based problems, and provides interdisciplinary support for technological breakthroughs. In the talent dimension, MGI relies on a "mentorship model" for talent training, continuously strengthens the innovative talent pipeline, and accumulates and reserves core human resources for its long-term innovation capabilities. In the evaluation dimension, MGI matches differentiated indicators based on the stage of the outcomes. MGI prioritizes the effectiveness of industrialization transformation and customer satisfaction, using a value-oriented approach to guide the efficient allocation of innovation resources.

Integrated model for building independent innovation capabilities

R&D Innovation Risk Control

MGI integrates full-lifecycle risk management into every stage of scientific and technological innovation. In light of industry characteristics and control requirements, MGI designs differentiated risk control mechanisms for different projects. Through a tiered review system known as the "5-15-3" framework—covering 5 decision risk reviews, 15 technical risk reviews, and 3 types of quality risk assessments—MGI accurately identifies and manages risks at the decision-making, technical, and quality levels. This approach not only ensures regulatory compliance and stability throughout the innovation process but also builds a strong line of defense for governance to safeguard the delivery of high-quality, innovative outcomes.

Ethical Safeguards

R&D ethics is an important value guideline for MGI in advancing scientific and technological innovation. The Company adheres to international ethical standards, including the Declaration of Helsinki, the Biosecurity Law, and the Guidelines for the Collection, Access, Use, and Sharing of Human Genome Data, as well as regulatory requirements, including the Human Genetic Resources Administrative Regulations, and the Personal Information Protection Law of the People's Republic of China. It embeds ethical compliance into the entire process of technology R&D and application, ensuring that all its innovative activities consistently uphold ethical norms and legal requirements.

For the purpose of establishing a systematic internal ethics governance mechanism, the Company has set up the Technology Ethics Committee, and established a closed-loop control system focusing on two core dimensions: algorithm risk assessment and sensitive project review, thereby building a strong ethical line of defense for technological innovation.

Ethical Assessment of Algorithms

The Company conducts systematic assessment of AI algorithms on the GLI platform, such as PrimeGen Agent, focusing on dimensions including potential bias, fairness, and explainability. This ensures the soundness and transparency of the algorithms' decision-making logic.

Sensitive Project Review

For collaborative projects on the GLI platform involving sensitive areas such as human samples and gene editing, the Company has established a pre-access ethics review process. This requires partners to provide ethical approval documents from their respective institutions and to complete a compliance assessment of their experimental protocols, thereby building a strong ethical line of defense for innovations in these sensitive fields.

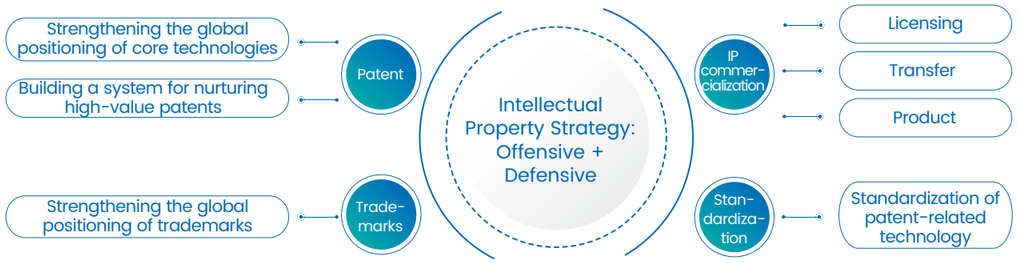
Meanwhile, the Company has launched a series of specialized training sessions titled "Ethics and Compliance in Life Science Automation" for all R&D staff and product managers. These sessions cover key topics such as the Measures for the Administration of Scientific and Technological Ethics Review (Trial), the regulations on human genetic resources management, the Biosecurity Law, and the discussions on AI ethics cases, aiming to strengthen all the employees' awareness and sense of responsibility for ethical compliance.

Over the past three years, the Company has not incurred any violations of national laws and regulations related to technology ethics, nor has it received any administrative penalties in this area. Through its actions, the Company is committed to practicing the philosophy of compliant and responsible technological innovation.

Intellectual Property Protection

MGI Tech strictly adheres to the legal frameworks governing its operations, including the Patent Law of the People's Republic of China, and the Trademark Law of the People's Republic of China, as well as Enterprise Intellectual Property Management Standards in the relevant countries and regions. To enforce this commitment, the Company has established a dedicated intellectual property department and implemented comprehensive internal systems. These systems, such as the Intellectual Property Incentive Management Procedure, Patent Management Procedure, and Technology Secret Management Procedure, cover the entire lifecycle of intellectual property management, from project inception and development to product launch and withdrawal from the market.

Relying on an independent and controllable advanced international core technology system, the Company is dedicated to building a comprehensive "full-chain protection mechanism" for key technologies like gene sequencing and laboratory automation. It simultaneously carries out high-value patent development projects, strategically selects and cultivates patent portfolios through priority examinations, invalidations, and other methods, and accelerates the commercialization of intellectual property to enhance the efficiency for applying research results to production and the capability to achieve value.



Key Performance

2025

Number of patent applications 308 Pieces	Number of patents granted 119 Pieces	Number of utility model patent applications 53 Pieces	Number of utility model patents granted 56 Pieces
Number of design patent applications 28 Pieces	Number of design patents granted 41 Pieces	Number of software copyright applications 55 Pieces	Number of software copyrights registered 51 Pieces

As of the end of the reporting period, the Company owned a total of **1,199** valid granted patents, both domestically and internationally.

Comprehensive Support for Life Sciences Big Data Infrastructure

As a provider of "Advanced Life Science Tools for Future Healthcare", MGI has not only established a comprehensive ecosystem spanning the R&D, production, and sales of gene sequencing products across three technological pathways—"excitation luminescence, self-luminescence, and non-luminescence"—but has also become the world's only life science tools manufacturer covering a full-stack product portfolio of "full-read-length sequencing + intelligent automation + multi-omics".

SEQ ALL: A Revamped Suite of Full-process Tools

Since launching China's first domestically produced sequencer based on its proprietary DNBSEQ technology in 2015, MGI has been on a nearly decade-long journey of independent innovation in the field of gene sequencing. Nowadays, MGI's portfolio of sequencers built on its DNBSEQ technology has expanded to over 10 models. In collaboration with more than 3,800 users, the Company is advancing its mission of "making the benefits of gene technology accessible for all". Leveraging their industry-leading accuracy, operational efficiency, and cost-effectiveness, more than 5,000 DNBSEQ sequencers have been deployed in over 110 countries and regions across six continents. These sequencers continuously provide the technological backbone for cutting-edge exploration and research breakthroughs in the life sciences, making gene technology accessible to a wider range of groups and circumstances.

Through nearly a decade of dedicated effort, MGI has established a complete sequencing product matrix covering high, medium, and low throughput requirements, with technological adaptability to serve diverse scenarios such as research and clinical applications. Among them, the "short read length" sequencers based on DNBSEQ technology have been introduced to over 80 countries and regions worldwide. For three consecutive years, they have ranked first in China's market share for newly installed sequencing instruments.

E25

E25 is the world's first gene sequencer based on the principle of self-luminescent sequencing biochemistry. It occupies only 0.1m2 of table area and is compatible with sequencing consumables of different read lengths. Sequencing data can be generated within 5 to 20 hours. With the characteristics of simple operation, compact and portable, and low requirements for the operating environment, E25 significantly lowers the barrier to sequencing, becoming a gene sequencer that is "available anywhere" and "accessible to everyone". E25 is "field-ready" and "plug-and-play", offering high cost-effectiveness for small-scale sequencing applications. It is the ideal tool for small and medium-sized hospitals, CDCs and customs districts at all levels, as well as small and medium-sized laboratories to easily establish their sequencing capabilities.

G99

Currently, G99 is among the fastest small- and medium-throughput sequencers globally. G99 features optimizations and enhancements across multiple core systems, including biochemistry, fluidics, optics, and temperature control, enabling it to complete PE150 sequencing in just 12 hours. It can also be equipped with an integrated computing module, which combines sequencing and bioinformatics analysis into a single, streamlined workflow. G99 is widely used in settings with high demands for sequencing throughput and speed, such as research institutions and large hospitals. It is suitable for applications including small-sample tumor targeted sequencing, small-scale whole-genome sequencing (WGS), low-coverage WGS, individual identification, and 16S metagenomic sequencing. With the release of PE300 sequencing reagents, G99 offers users even more sequencing possibilities, catering to their diverse sequencing needs.

G50

It is a mid-throughput gene sequencer with a throughput range of approximately 10-150 Gb and a single run time of about 10-66 hours. Its main application scenarios include small genome sequencing, targeted sequencing, low-depth whole genome sequencing, and metagenomic sequencing, etc.

G400

G400 is a versatile desktop sequencer with flexible throughput. It supports 1-2 flow cells per run, and flow cells of different formats (the small FCS and large FCL) can operate independently. This flexibility allows it to accommodate over 20 application scenarios, ranging from fertility testing and rapid pathogen detection to oncology testing, single-cell sequencing, WGS, and WES. Furthermore, G400RS gains multiplexed immunofluorescence imaging capabilities through a software upgrade, enabling dual functionality for both genomic research and spatial proteomics data acquisition. As a "Versatile King" sequencer, G400 is not only widely popular in the domestic market but has also obtained market access qualifications in over 90 countries and regions worldwide.

T1+

The Company has launched its new desktop gene sequencer, the T1+. It is the world's first desktop device capable of producing terabyte-level data within 24 hours, leading its peers in speed. The T1+ features the new DNB Make & Load module, which for the first time integrates DNB preparation and loading functions directly within the sequencer. This enables high-quality, one-click DNB preparation, with the output ready for direct sequencing, ushering in an era of "from library loading to same-day data delivery." Additionally, to cater to different user groups, the T1+ is available in two configurations: the T1+ and the T1+A. Among them, the expanded model, the T1+A, is equipped with a built-in bioinformatics computing module that can automatically initiate advanced analysis for specific applications.

T7

The T7 is a high-performance, high-throughput gene sequencer with an exceptional data output capacity of up to 7Tb per day. It features a 4-lane flow cell platform, supporting the independent operation of 1 to 4 flow cells. This allows for multiple sequencing runs to be seamlessly conducted within a 24-hour cycle, enabling the sequencing of over 14,000 human whole genomes annually. Recently, MGI has officially completed performance optimizations and algorithm upgrades for its T7 high-throughput gene sequencer. These advancements have enabled high-quality sequencing of methylation libraries and expanded the T7's application compatibility for epigenomics.

T7+

In terms of its ultra-high-throughput product line, the Company has released the T7+, an ultra-high-throughput gene sequencer with the world's highest daily delivery capacity. The T7+ is the first instrument in the world that can produce over 14.4 Tb of data in 24 hours at a PE150 read length, with an annual human whole-genome sequencing (WGS) processing capability of up to 35,000 samples. By simplifying complex processes to achieve both high throughput and speed, it intelligently integrates seven major modules: DNB preparation, DNB loading, sequencing, data analysis, and data compression. A single instrument can perform a full-process, one-stop "library-to-report" operation, effectively satisfying the core requirements for efficient sequencing in more application scenarios. The instrument's reagent kit utilizes a plug-in reagent cartridge design to minimize manual pipetting steps. The kit's size has also been reduced by 30%, which lowers reagent consumption and waste liquid volume by 50% and significantly increases reagent utilization. At the same time, over 90% of the supporting reagents can be transported at ambient temperature, substantially reducing user pressure for logistics, storage, and operational maintenance.

T20×2

The T20×2 is an ultra-high-throughput sequencer that supports simultaneous operation of 6 flow cells, with a single run throughput of up to 42Tb (PE100) or 72Tb (PE150). Engineered to meet the most challenging sequencing demands, it is designed to empower large-scale genomic projects worldwide. The T20 can complete 50,000 human whole-genome sequencings per year. Employing innovative immersion-style biochemical reaction technology, it reduces the cost of whole-genome sequencing per person to under $100, setting new global records for sequencer throughput and per-person sequencing cost, and providing the industry with a "super sequencing factory".

G100-E

G100-E is a medium-throughput nanopore sequencer that is compact and portable. It features a dual-chip architecture, supports independent operation, and offers flexible throughput options. This instrument features exceptional performance, including ultra-long read lengths (at the Mbp level), real-time sequencing, and long-duration continuous sequencing. Its three major advantages are "full coverage, fast reads, and flexible sequencing". G100-E has a wide range of application scenarios in the field of life sciences. Currently, the applications of the G100-ER sequencer cover research areas such as epigenomics, transcriptomics, spatial-temporal omics, and chromatin structure analysis, as well as clinical areas including birth defect prevention and control, tumor detection, and rapid pathogen testing.

G400-E

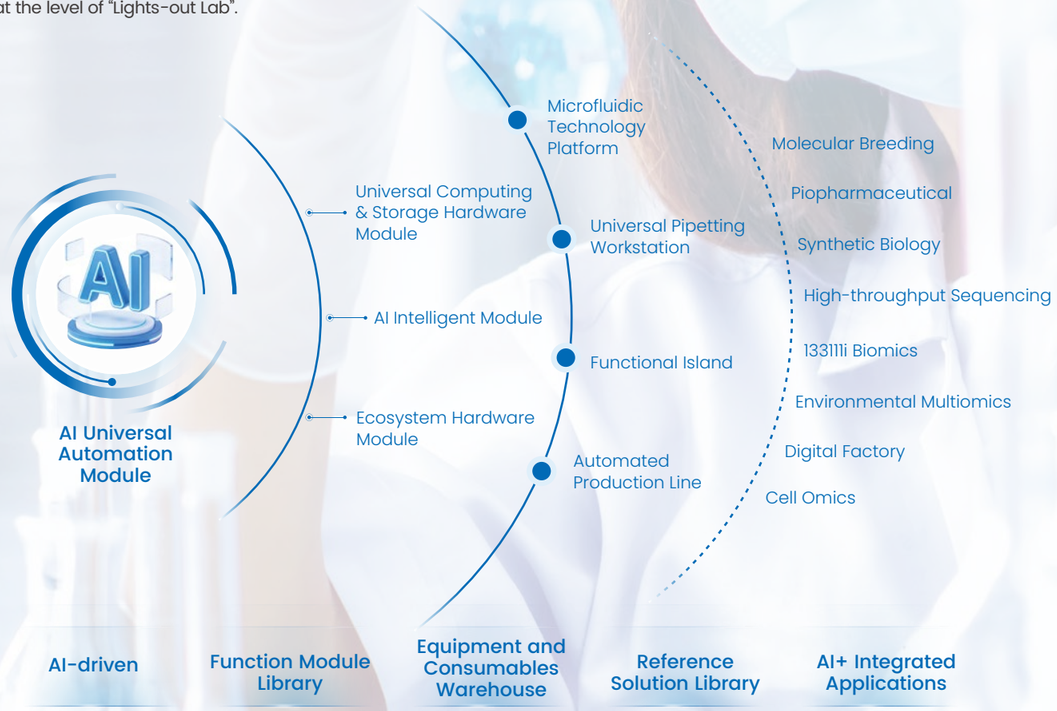
G400-E is a high-throughput nanopore sequencer. It features a high-density chip with ultra-high throughput, enabling ultra-long read lengths, real-time sequencing, and long-duration continuous sequencing. With its outstanding performance, the G400-E demonstrates broad application potential in multiple scenarios, including large-genome sequencing, human genome resequencing, genome assembly, full-length transcriptome sequencing, and epigenome sequencing.

Establish the GLI Smart Lab

MGI is committed to building a new ecosystem for intelligent, standardized, and scalable laboratories that spans the complete "Design-Build-Test-Learn" workflow. By integrating artificial intelligence (AI), robotics, the Internet of Things (IoT), and big data, it provides global research institutions and industry partners with a secure, reliable, and efficient solution.

AI-Empowered Full-Chain Intelligent Upgrade

GLI Smart Lab, with the deep integration of "Automation + AI + Life Science Tools" at its core, builds an intelligent innovation ecosystem that covers the entire experimental workflow. The GLI Smart Lab integrates a series of powerful functional module libraries, including advanced AI intelligent tool modules, general-purpose automation equipment modules, data computing and storage modules, and ecosystem hardware modules. It has created a standardized, reusable "AI+" application integration platform. Relying on its independently developed αLab Studio intelligent management system, it achieves fully unmanned operation across the entire chain—from experimental design and process execution to data output—realizing efficient control at the level of "Lights-out Lab".



Case

"CIBR, Beijing" and MGI Jointly Build a "Fully Automated, Unmanned Lights-out Lab"

At the 2025 ZGC Forum Annual Conference, the Chinese Institute for Brain Research, Beijing (CIBR, Beijing) and MGI jointly launched their "Fully Automated, Unmanned Lights-out Lab", which has been in stable operation for over a year.

The Lab is built upon an ecosystem of fully domestic equipment, establishing a complete technological toolchain that automates the entire workflow from sample aliquoting, extraction, and library preparation to sequencing, data analysis, and storage. On the one hand, this ensures the high-throughput processing of high-quality samples and data, providing efficient technical support for research into brain disease mechanisms and new drug development, and facilitating frontier breakthroughs in public health. On the other hand, through its standardized and replicable operational model, the Lab promotes the inclusive sharing and efficient allocation of research resources, lowering the barrier to entry for cutting-edge scientific research. Furthermore, the fully automated design significantly reduces manual intervention and redundant resource consumption. This not only enhances the accuracy of scientific research data but also aligns with the sustainable development philosophy of green scientific research, providing a replicable practical paradigm for efficient, low-carbon, and accessible research in the field of life sciences.

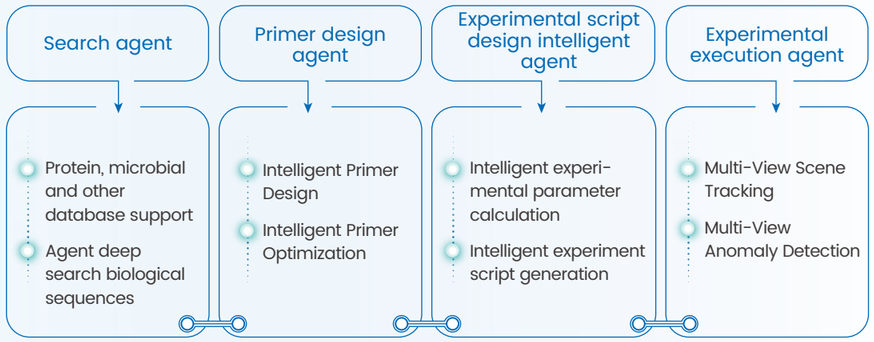
The core breakthrough of the "Lights-out Lab" is the establishment of a closed-loop system where four types of intelligent agents—search, primer design, protocol generation, and experiment execution—operate in coordination. For example, the PrimeGen targeted sequencing AI agent upgrades the conventional experimental process, which traditionally depended on expert experience, into a standardized, intelligent closed-loop. This markedly improves experimental efficiency and precision, driving life science laboratories into the "autonomous driving" age.

Case

PrimeGen: The World's First Full-process AI Agent System for Targeted Sequencing

The "PrimeGen" dry-wet collaborative multi-agent system, released by MGI Tech, stands as the world's first full-process AI agent system for targeted sequencing. Utilizing a Large Language Model (LLM) as its "central brain", it achieves closed-loop collaboration among four types of agents: search, primer design, protocol script generation, and experimental execution and quality control. This transforms steps that were previously highly dependent on expert experience, such as primer design and experimental execution, into an intelligent, rapid, stable, and standardized process that is also traceable and reproducible.

Real-world tests across multiple scenarios demonstrate that powered by MGI's proprietary ATOPlex platform, PrimeGen can support up to 955 amplicons. While maintaining high amplification uniformity, it also significantly reduces the risk of primer dimer formation, laying a critical engineering foundation for targeted sequencing to enter the era of the "autonomous lab".



In the future, the GLI Smart Lab will add more "plug-and-play" AI experimental workflow templates, enabling researchers without a computer science background to easily implement experiments using intelligent tools. Concurrently, it will focus on achieving an even higher degree of integration by developing highly integrated, specialized all-in-one solutions for emerging fields such as synthetic biology and cell therapy, allowing the efficient "Lights-out Lab" model to be adapted to more specialized scenarios. Furthermore, it will work to build broader data connectivity and enhance the interoperability between its existing functional modules and third-party instruments and databases. The aim is to continuously deepen the integrated value of "Automation + AI + Life Science Tools", providing research institutions and pharmaceutical companies with more flexible and competitive support for innovation.

Fostering a Thriving Smart Lab Ecosystem

For the purpose of advancing the sustainable prosperity of the smart lab ecosystem, the GLI Smart Lab focuses on two core dimensions: inclusive access to research resources and open collaboration within the industry ecosystem, thereby deepening the practical value realization of its technology and strengthening ecological synergies.

In response to the high resource barriers faced by startup teams and project-based research in cutting-edge scientific fields, the GLI Smart Lab is piloting the "Lab-as-a-Service" (LaaS) model. Users can remotely submit samples and experimental requirements; the centralized intelligent laboratory then executes the entire workflow and returns the data. This eliminates the need for research teams to invest in fixed assets such as equipment and laboratory space, enabling more small- and medium-sized teams and emerging research directions to access high-end intelligent experimental capabilities at significantly lower cost and achieving equitable, efficient allocation of scientific research resources. Meanwhile, by releasing the communication and control protocols for some of its automated equipment and simultaneously building a developer community, the Company provides technical interfaces and co-creation platforms for third-party partners. This encourages industry participants to develop proprietary applications and experimental methods, stimulating the vitality of China's independently controllable intelligent experimental technology and laying the foundation for the large-scale deployment and sustainable development of high-end scientific instruments.

Promoting Cutting-Edge Research in Modern Life Sciences

MGI anchors its vision of "Leading Life Science Innovation". Through the large-scale expansion of its scientific research empowerment platforms and the iterative upgrading of its core technology tools, MGI continues to provide technical support for cutting-edge life science research worldwide, driving advancements in domain knowledge and the inclusive sharing of resources, thereby supporting the sustainable development of the life and health sector.

Steady Expansion of DCS Lab

As the first laboratory empowerment program launched by MGI for global frontier research, DCS Lab is dedicated to supporting the world's top scientific teams in building large-scale, standardized, and world-class multi-omics laboratories, continuously expanding the frontiers of innovation in life science technology. In 2025, building on the foundation of 23 institutions established in 2024, MGI's DCS Lab Global Research Empowerment Program continued its steady expansion. By the end of 2025, 49 standardized, cutting-edge laboratories had been established worldwide. The newly added partners included industry-academia-research institutions such as the National Institute for Data Science in Health and Medicine at Zhejiang University, Jinfeng Laboratory, and Nanjing University.

In terms of deployment scenarios, DCS Lab has established a full-chain empowerment system covering basic research, clinical translation, and industrial services. Partner institutions leverage the standardized and intelligent multi-omics technology platform of DCS Lab and combine it with their own domain-specific strengths. This synergy efficiently streamlines the critical pathway for translating cutting-edge research results into clinical diagnosis and treatment, as well as industrial applications. Through this collaborative industry-academia-research model, DCS Lab drives the broader accessibility and sustainable development of life science technologies.

Case

OEBiotech – MGI Certified DCS Lab Is Officially Established

OEBiotech has been deeply engaged in the multi-omics field for many years and has established a mature technical service system and scientific research cooperation network. In order "To Develop and Promote Advanced Life Science Tools for Future Healthcare", MGI continuously advances its leading equipment platforms and fosters an open, collaborative ecosystem. On November 12, 2025, relying on the DCS Lab Global Research Empowerment Program, the two parties officially announced the establishment of the "OEBiotech – MGI Certified DCS Lab". This marks a new, upgraded stage in their collaboration within the multi-omics field.

The Lab has fully introduced cutting-edge technologies and equipment matrices from MGI, including the ultra-high throughput gene sequencer T7+, high-throughput gene sequencer T7, automated sample preparation system SP-960, DNBelab C-series single-cell platform, as well as core equipment such as the spatiotemporal automated sample processing system (Go Spatial-V2-24) and MGI spatiotemporal omics technology Stereo-seq platform. By leveraging the strengths of the DCS Lab's intelligent, integrated multi-omics technology platform, the Lab has been established a full-process tool support system covering sequencing, single-cell, and spatiotemporal omics.

Relying on the technological foundation of the Lab, the two parties will further enhance the scale, efficiency and stability of their multi-omics capability, provide robust tool support for the advancement of OEBiotech's business, and continuously optimize the scientific research service experience for users both domestically and internationally. Furthermore, the two parties will deepen their technical synergy, empower global researchers with high-quality products and services, drive the integration and innovative exploration of multi-omics technologies, and facilitate the efficient translation of life science research results into industrial applications.

Case

FUNC Clinical Lab - MGI Cutting-edge DCS Lab Is Officially Established

FUNC Clinical Lab is a third-party clinical testing institution jointly established by the Suzhou Institute of Systems Medicine of the Chinese Academy of Medical Sciences and the Baheal Pharma Group. On September 23, 2025, MGI and Suzhou Fangke Medical Laboratory reached a strategic cooperation and officially established the "FUNC Clinical Lab - MGI Cutting-edge DCS Lab".

Leveraging MGI's core technology and equipment, the Lab has established a full-process multi-omics support system. It is equipped with core products such as the T1+ and G50 sequencing platforms, the G400RS FluoXpert Multi-omics Analyzer, the High-throughput Single-Cell RNA Library Prep Kit V3.0, the High-throughput Single-Cell 5' RNA & V(D)J Library Prep Reagent Kit, as well as the Stereo-seq spatial omics technology. This provides a standardized, high-throughput technological foundation for multi-omics research.

Relying on MGI's leading core tool platforms for cellular and spatial omics, and combining with the strengths of FUNC Clinical Lab in clinical translation and application, the two parties are committed to collaboratively driving technological innovation and deepening application. They aim to pave a critical path from cutting-edge scientific discoveries to clinical and industrial translation.

Enhancing Multi-Omics Capability Development, MGI Announced Collaboration on the First DCS Lab in South Korea

MGI Tech and South Korean biotech company JCBio have signed a Memorandum of Understanding (MOU) at the 15th China-Northeast Asia Expo to jointly announced the collaboration on South Korea's first DCS Lab. The collaboration takes the DCS Lab's laboratory empowerment model as the framework. It integrates MGI Tech's DNBSEQ sequencing technology and advanced multi-omics equipment. Combined with the partners' localized innovation and service capabilities, the collaboration aims to establish a one-stop, end-to-end multi-omics analysis platform serving both research and application needs. This will improve the efficiency and quality of studies addressing complex biological issues, and further support the application exploration and achievement transformation of multi-omics in key directions such as precision medicine, clinical diagnostics, and AI-driven data analysis.

South Korean biotech company JCBio and MGI sign a Memorandum of Understanding

Innovation and Upgrading of Core Technology Tools

Under the framework of the "6D Era of Life Sciences", MGI continued to upgrade its core technological tools in 2025, focusing on advancing technological upgrades and tool innovation in specialized fields such as spatial-temporal omics and cell omics. And it also further strengthened its multi-omics integration capabilities to advance life science research towards full dimensionality and high precision.

Advancing Spatiotemporal Omics Technology

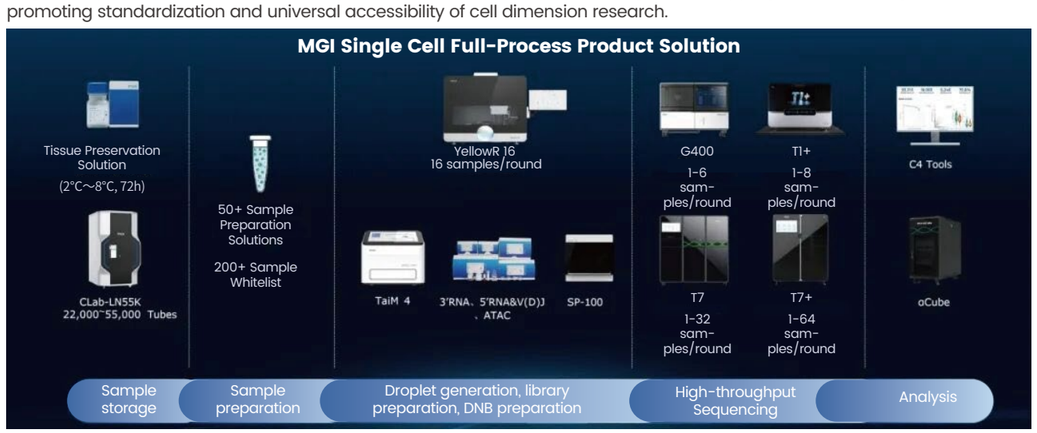
MGI continuously advances the iterative upgrades and large-scale application of its core spatiotemporal omics technology, Stereo-seq. In 2025, we successfully launched the Stereo-seq V2 technology, enabling high-resolution, whole-transcriptome profiling for FFPE (Formalin-Fixed Paraffin-Embedded) samples. We also released the updated Spatiotemporal Transcriptome FFPE V1.1, providing a standardized technological platform for spatial omics research on vast numbers of archived clinical samples. At the same time, we launched a series of supporting algorithmic tools, including SpaTrack and Stereopy, to systematically address industry technical challenges such as spatiotemporal data trajectory analysis and joint analysis of multi-sample spatial transcriptomics data.

As of December 31, 2025, Stereo-seq had empowered researchers worldwide to publish 463 research articles. Their studies spanned multiple cutting-edge fields, including the panoramic mapping of embryonic development, the exploration of organ regeneration and repair, and multi-omics analysis of tumor immunology. While deepening the global scientific community's understanding of the laws of life development and disease occurrence mechanisms, their studies also provided new technical pathways and theoretical support for critical areas of public health, such as the prevention and treatment of congenital diseases, precision diagnosis and treatment of tumors, and regenerative medicine research, thereby contributing to improve the level of human health protection.

Innovation in Cytomics Tools

MGI is continuously advancing the automation upgrading and universal accessibility of cytomics tools. In 2025, we launched the DNBelab C-YellowR 16, a full-process, unattended all-in-one device for single-cell library preparation. This device automates the entire workflow—from cell sorting and library preparation to the preparation of sequencing-ready primers — enabling single-cell sequencing technology to achieve true scalability and standardization. Concurrently, we upgraded our high-sensitivity full-length transcriptome kit, which supports ultra-low input detection from as little as 1 cell/10pg RNA, thus expanding the research frontier for rare samples.

In 2025, a total of 155 SCI-indexed papers were published based on research conducted using MGI's DNBelab C series single-cell sequencing platforms. As of January 2026, a total of 53 service provider partners completed the DNBelab C-series single-cell platform certification, covering diverse scenarios such as plant single-cell mapping and human organoid research, promoting standardization and universal accessibility of cell dimension research.



Breakthroughs in Multi-omics Integration Tools

MGI continuously strengthens technological breakthroughs in multi-omics integration tools. In 2025, we launched the PrepALL-pP8G, an all-in-one device for single-cell proteome preprocessing. With a modular design philosophy of "flexible combination and plug-and-play", this device provides efficient and standardized technical support for single-cell multi-omics integration research. The PrepALL-pP8G is equipped with thermal bubble inkjet printing technology and high-definition imaging + AI intelligent recognition algorithms. It can automatically identify and screen high-quality single cells, and exclude fragments, impurities and multicellular aggregates. In actual testing with HeLa cells, the single-cell rate reached ≥97%, providing reliable sample assurance for downstream analysis. Furthermore, it is equipped with 640 independent nozzles which can operate in parallel, completing the sorting of a 384-well plate in just 8 minutes. Its 24pL–mL full-range pipetting capability covers the entire workflow from single-cell sorting to mass spectrometry sample preparation. This device achieves integrated, automated operation, significantly simplifying traditional, cumbersome, multi-device, and multi-step workflows. By reducing manual intervention, it improves the recovery quality of single-cell sample preprocessing and drastically shortens the sample preparation cycle.

Leveraging its advantages of high-throughput, high-precision, and automation, the PrepALL-pP8G is widely applicable to cutting-edge fields such as single-cell proteomics, tumor heterogeneity research, rare cell analysis, organoid and stem cell research, and single-cell multi-omics integration. It provides a standardized pre-processing tool for joint multi-omics analyses such as "single-cell transcriptome + proteome", driving life science research to upgrade from "single-omics" to "multi-omics integration".

Quality Management

MGI upholds the quality philosophy of "adherence to standards, pursuit of excellence, commitment to innovation, and continuous improvement". It champions the "Five Synchronization" quality management model, integrating science, technology, quality, standards, and intellectual property rights. With a focus on lean management, it consistently strives for excellence in quality across multiple areas, including product research and development, production, testing, and delivery, and it leverages quality to drive technological innovation and enhance competitiveness.

Product quality

MGI regards quality management as a crucial strategic cornerstone for the sustainable development of the enterprise, building its quality system with full-lifecycle control at its core. Relying on a comprehensive quality and safety system, the Company integrates risk management throughout the entire product process. This is supported by industry-leading reliability verification platforms and CNAS-accredited laboratories. Through rigorous product release controls and hazardous substance compliance management, the Company safeguards product safety and effectiveness with stringent standards, thereby solidifying the foundation of trust among all stakeholders.

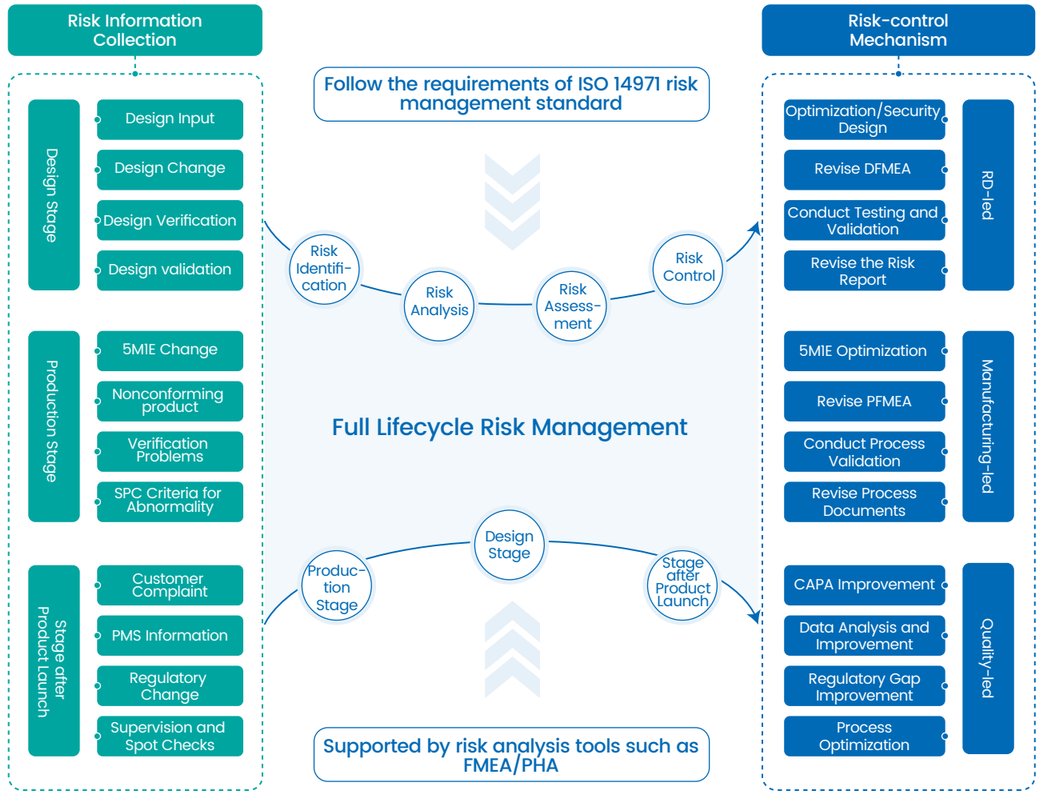
Quality System Development

MGI integrates its quality policy, "excellence in intelligent manufacturing, quality first", throughout the entire process of management, R&D, production, and service. It upholds the quality philosophy of "adherence to standards, pursuit of excellence, commitment to innovation, and continuous improvement". And it implements the "Five Synchronization" quality management model, integrating science, technology, quality, standards, and intellectual property rights. Its purpose is to consistently provide partners and customers with high-standard products that feature stable and reliable performance, firmly supported by a comprehensive, full-process quality control system.

MGI's Quality Philosophy

We have established a quality management organizational structure with the CEO as the primary responsible person for quality and safety, the Executive Management Team (EMT) as the operational decision-making body, and the Global Quality System VP as the coordinator. This ensures that quality responsibilities are implemented at each level and that all aspects of our business collaborate efficiently. For the purpose of promoting the effective implementation of quality control requirements, the Company has formulated supporting systems, including the Medical Device Product Design and Development Management Procedure, Production Management Procedure, Customer Service Management Procedure, Quality Control Procedure, and others to fully execute quality responsibilities, establish a quality integrity mechanism, and safeguard product quality.

Adhering to risk management standards like ISO 14971, the Company has established a quality and safety risk management system. It carries out full lifecycle risk management from risk identification, risk analysis, risk assessment, and risk control, etc., utilizing various risk analysis tools such as Preliminary Hazard Analysis (PHA) and Failure Mode and Effects Analysis (FMEA). By integrating these tools with information systems, the Company implements continuous and dynamic risk management.



Relying on a well-established risk management and prevention control mechanism, and by means of continuous optimization of its compliance system and the reinforcement of risk management, the Company has effectively prevented and controlled risks pertaining to product quality and safety. During the reporting period, the Company's product qualification certification efforts achieved further breakthroughs, with 85 new product certification certificates obtained.The cumulative number of certifications acquired globally reached 461, covering 23 countries and regions. This milestone enabled market access qualifications coverage across more than 90 markets in core regions such as Asia-Pacific, the Americas, Europe-Africa, and Central Asia.

Performance Highlights As at the end of the reporting period

The Company had obtained a total of **303** medical device qualification certificates worldwide, including **42** domestic medical device product qualification certificates and **261** overseas medical device product qualification certificates, covering multiple countries or regions such as Asia Pacific, America, Europe and Africa.

Quality and Safety Control

MGI has established a product quality and safety assurance mechanism covering the entire product lifecycle. It has integrated its risk management system deeply into key processes such as design and development, procurement, manufacturing, installation , and surveillance after product launch, to effectively ensure product safety and effectiveness. To date, the Company has established and maintained 196 quality and safety-related processes and procedures, providing clear standards and guidelines for comprehensive, full-chain quality and safety management.

Control of Hazardous Substances in Products

For the purpose of implementing environmental compliance practices, MGI integrates the requirements of the EU RoHS Directive and China's Administrative Measures for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products deeply into the entire life cycle management of its products.

Product Design and Development Stage

The Company proactively upholds green design philosophy, prioritizing the use of non-toxic, eco-friendly materials with low environmental risks. Furthermore, it clearly defines the control standards for hazardous substances in its technical documentation.

Procurement Stage

Through a rigorous supplier admission mechanism and material certification process, the Company requires suppliers to provide a "Product Material Composition Declaration Form" compliant with the SJ/T11364 standard, along with test reports, and to sign environmental protection agreements. This ensures that raw materials and components meet the requirements for the restricted use of hazardous substances such as lead, cadmium, and mercury.

Manufacturing and Production Stage

Through measures such as isolation management, dedicated labeling, and cleanliness control, the Company prevents cross-contamination between materials containing restricted substances and non-restricted materials.

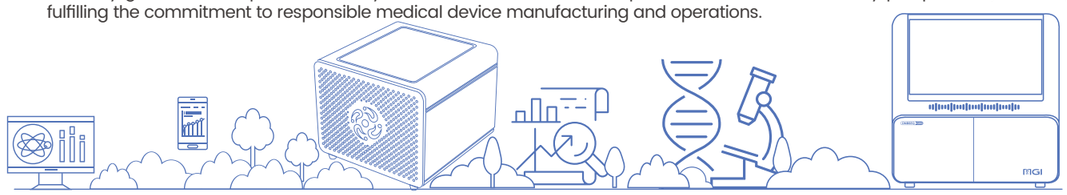
Finished Product Storage and Shipment Stage

For products included in the China RoHS Compliance Management Catalog, the Company completes the conformity assessment through self-declaration or nationally-recommended voluntary certification. This ensures that the products are fully compliant with all regulatory requirements before being placed on the market.

Product Release Control

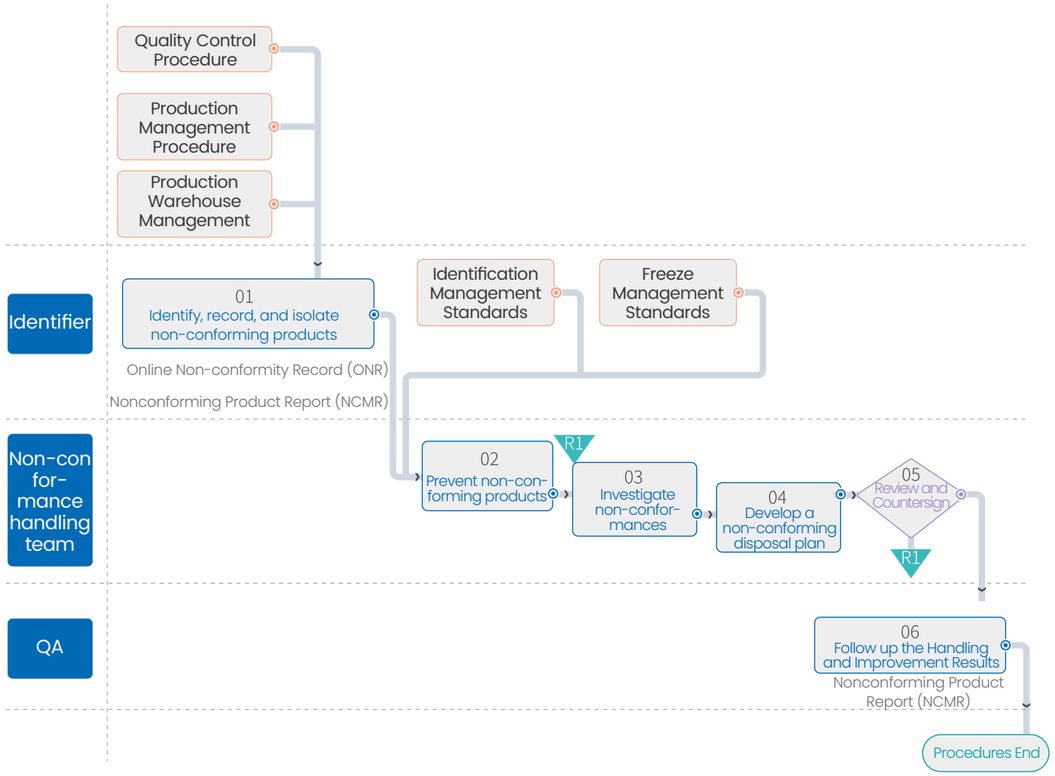
In accordance with the Guideline for Quality Control and Final Product Release for Medical Device Manufacturers, MGI has established a standardized management system for product quality control and final product release. This system explicitly embeds the full-process control procedures for product phase release and batch-by-batch or unit-by-unit release into the workflow, while concurrently reinforcing the quality audit standards at every stage.

As a critical step in system implementation, the final product release must be approved and signed by the management representative or an authorized delegate, thereby ensuring full-chain traceability of quality accountability. If any product quality or safety issue is identified during this stage, a comprehensive assessment shall be conducted using the risk decision matrix. Concurrently, the corresponding accountable party shall be defined to drive the resolution decision. This approach is designed to dually guarantee the product's safety and effectiveness from both procedural and accountability perspectives, earnestly fulfilling the commitment to responsible medical device manufacturing and operations.



Product Recall

To prevent the unintended use or distribution of substandard products, MGI Tech has established and strictly adheres to internal protocols, including the Nonconforming Product Control Procedure, and the Recall Management Procedure. Additionally, it has established robust control procedures for the identification, documentation, containment, reporting, investigation, disposal, and monitoring of non-conforming products, ensuring the safety and efficacy of medical devices and safeguarding human health.



Nonconforming Product Control Procedure

For the purpose of strengthening its emergency response capacity, the Company periodically organizes recall simulation exercises. These exercises are designed to model risk scenarios of varying severities in order to assess the end-to-end efficiency of internal communication and coordination, the decision-making workflow, and the implementation of actions. Since its inception, the Company has maintained a flawless record regarding product quality and safety post-launch. There have been no reported incidents of adverse reactions, product recalls, or failed spot checks at either the national or provincial level.

Performance Highlights 2025

the Company successfully cleared **57** audits conducted by regulatory authorities.

Product Reliability Verification

Relying on the "Shenzhen High-Precision Life Science Instrument Simulation and Reliability Engineering Research Center" project, MGI Tech has established a forward-looking and foundational, end-to-end reliability management system for the entire product lifecycle in the life science instrument industry.

Focusing on the quality assurance of life science instruments, we prioritize the development of reliability testing facilities, technological research, and the revision of standards and regulations. We have built an industry-leading reliability testing and evaluation platform—the New Technology Laboratory for Reliability Testing Based on Physics of Failure (PoF). This platform covers multi-dimensional verification directions, including environmental reliability, durability and lifespan, and HALT (Highly Accelerated Life Test). It accommodates the verification needs for both entire instruments and their components throughout all development stages, enabling us to accurately identify and mitigate product reliability risks and build a strong line of defense for quality governance centered on product safety and effectiveness. In parallel, we have compiled the General Reliability Test Specification for Instruments, which covers all disciplines and systems and includes 23 test items such as climatic, mechanical, and chemical tests. We are also deeply involved in the revision of national standards for the reliability and maintainability of medical devices, driving the collaborative advancement of industry quality standards. Among others, facilities such as the micro-vibration test platform and the 10-meter anechoic chamber, developed and deployed by the Company, are unique within China's medical device field.

Quality Culture

To foster a quality culture ecosystem with full participation from all employees, MGI has deeply integrated quality culture into the entire organizational operational process through regular cultivation, specialized activities, and systematic support.

During the Quality Month, the Company launched the "Top Leader's Lecture on Quality" specialized seminars for the management team to strengthen management's leadership in quality responsibility. For key position personnel, including company heads and management representatives, the Company conducted specialized training and assessments covering 20 courses, such as ISO 13485 and medical device regulatory laws. Concurrently, the Company advanced system maintenance tasks, including optimizing controlled document processes and preparing for the implementation of the new GMP. By operating with standardized systems, the Company transforms its quality culture into executable standards that can be implemented throughout the entire chain.

Performance Highlights 2025

Five sessions of the "Top Leader's Lecture on Quality" specialized seminars were completed. A total of **60** key position personnel were identified, and **52** of them completed the specialized training and assessments. Over **300** documents and forms were optimized.

A total of **270** people participated in the quality knowledge competition, of which **50** people passed with full marks.

In addition, the Company organized a series of special activities to raise all employees' awareness of quality culture. It established the "Zero-Defect Award" to encourage employees to proactively identify quality issues beyond their own responsibilities. Monthly and quarterly awards were selected based on criteria such as "the importance of the problem and the clarity of its description", with incentives granted to stimulate quality improvement awareness among all employees. The Company also organized the quality knowledge competition focused on core processes such as product design and supply chain management, reinforcing all employees' understanding of procedural documentation.

Lean Intelligent Manufacturing

MGI has deeply embedded the lean management philosophy across the entire value chain —spanning R&D, production, and the supply chain, driving coordinated improvements in quality, efficiency, and safety through systematic initiatives. By establishing a comprehensive institutional support system, we have implemented regular lean practices and targeted improvement actions. At the same time, we have introduced digital information systems to empower the entire process, continuously optimizing the operational chain, reducing cost losses, and strengthening process control—thereby laying a solid foundation for the intelligent manufacturing transformation and the enhancement of overall operational performance.

Lean Management

The essence of lean transformation is effectively cutting waste, boosting efficiency, managing costs, and improving product quality. For the purpose of systematically advancing the implementation of lean transformation, MGI has established the Lean Committee and formulated institutional norms such as the Lean Management Control Procedure and the Lean Production Proposal Improvement Management Specification. Focusing on core segments like R&D, production, and the supply chain, the Company has systematically established a lean improvement system covering the entire value chain to ensure a comprehensive enhancement of quality, efficiency, and safety.

R&D	Focusing on optimizing its complex production and operation processes, the Company streamlines and improves redundant workflows. With the help of software and applet tools, it reduces operational difficulty while simultaneously embedding foolproof and error-prevention designs, thereby strengthening quality control from the front end.
Production	The Company has upgraded its safeguard system for addressing the pain points in its operational processes. By introducing suitable equipment, tooling, fixtures, and protective supplies, it effectively reduces employees' operational fatigue while simultaneously enhancing safety protection mechanisms in production environments.
Supplier Management	In response to potential risks in the incoming materials, procurement, and logistics processes (such as errors or omissions in material delivery, inefficient circulation of procurement reports, and errors in disassembling logistics fixed blocks), the Company takes measures such as optimizing the supplier shipment process, upgrading the IT management system, and adopting fixed-block color-coded identification management, thereby strengthening risk prevention and control as well as collaborative efficiency across the entire supply chain.

Lean Improvement System for "R&D, Production, and Supplier Management"

Lean Practice

MGI continuously drives the implementation of lean practices through a multi-dimensional lean improvement mechanism.

Proposal Improvement Mechanism

The Company has established a monthly proposal collection and implementation system. Through the "Business-Finance-Lean" three-level review mechanism, it achieves multi-dimensional value assessment while providing tiered incentives based on the improvement benefit levels.

Lean Specialized Management

Guided by business pain points in quality, delivery, and cost, the Company has established a full-cycle improvement closed loop of "year-start planning – quarterly review – year-end Lean + Finance joint acceptance". Improvement plans are implemented in light of leadership scoring and ranking as well as incentive mechanisms.

Lean Improvement Week Action

Focusing on addressing business pain points such as delivery, management, and capability building, the Company has established a cross-departmental collaboration mechanism to drive improvements through a rapid response model of continuous analysis and iterative optimization.

In 2025, the Company implemented a total of 621 lean proposals, generating improvement benefits exceeding 5.39 million yuan. The proposal implementation rate reached 97%, and the compound annual growth rate of benefits exceeded 30%. Additionally, relying on systematic Lean methods, special Lean initiatives drove further optimization of business processes. These initiatives advanced targeted improvements in areas such as quality, delivery, cost reduction, and efficiency enhancement, achieving annual benefits that surpassed 7.157 million yuan.

Special Initiative for Cost Reduction of Reagent Leftovers

The Company streamlined the leftover materials circulation process through cross-departmental collaboration, incorporated leftover materials into the on-machine quality inspection system, and leveraged algorithmic models to enable compliant reuse of reagent leftovers across three locations, achieving cumulative cost savings of 1.05 million yuan.

Special Initiative for Reagent Material Batch Consolidation Optimization

With the Kanban pull system as the core, the Company completed the optimization of batch consolidation for 94 types of materials. At the same time, the information transmission chain was upgraded through methods such as WMS alerts and email-based information systems, achieving an inventory cost reduction of 930,000 yuan and a 20% reduction in the quantity of material batches.

Special Initiative for Work Order Closure Process Optimization

The Company leveraged its ERP system to implement IT-enabled management and control over key work order nodes. This drove the work order closure rate at the Wuhan factory up to 98%, significantly reduced manual maintenance time, and simultaneously delivered an operational benefit optimization of 230,000 yuan.

Special Initiative for Advancing TPM Informatization Based on Equipment Management

The Company applied digital tools such as DingTalk AI multi-dimensional tables, virtual robots, and BI dashboards to upgrade its equipment Total Productive Maintenance (TPM) system, achieving comprehensive improvements in efficiency and cost reduction.

Special Initiative for Shortening FQC Chip Quality Inspection Cycle

The Company reused second-hand equipment and combined it with automated scripts + AI agile development solution to compress the quality inspection cycle, delivering a realized benefit of 72,000 yuan. Subsequent promotion across the full platform is expected to generate a total benefit of 720,000 yuan.

Lean Implementation Effectiveness Cases

Publicity and Implementation of the Lean Philosophy

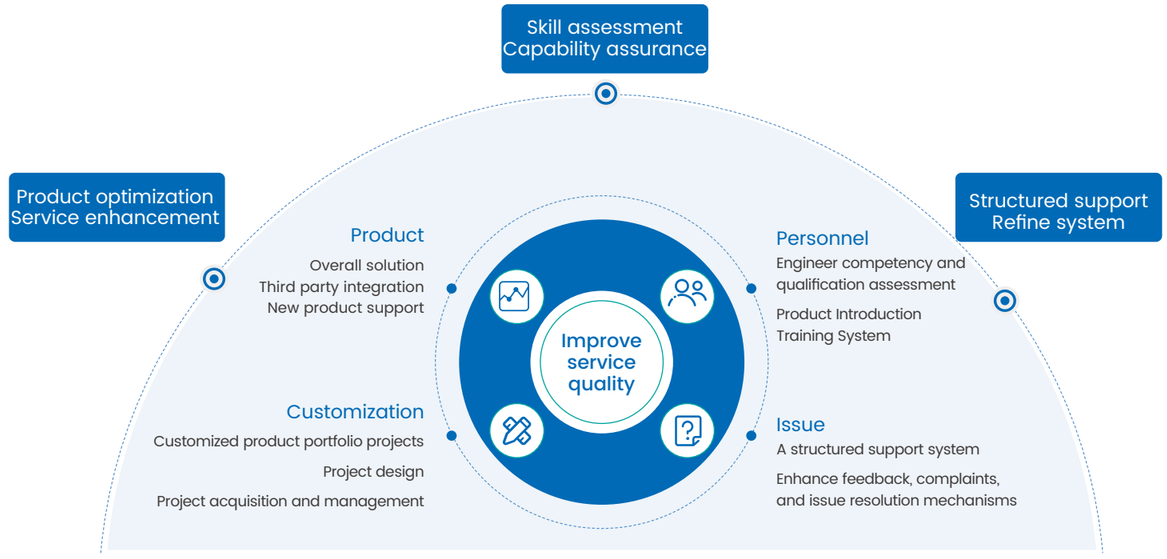
The Company advances the publicity and implementation of the Lean philosophy through dual channels: Lean culture publicity and workshop Kanban management. At the cultural level, the Company relies on diverse formats such as MBS communication boards, terminology primers, slogan posters, and outstanding case displays to deliver efficient, engaging, and educational campaigns that combine learning with enjoyment. On the workshop floor, the Company systematically establishes a comprehensive Kanban system covering modules including overall Kanbans, supervision and inspection, plan tracking, and SQDIP post-event management. This achieves process standardization, data visualization, and simplified management, transforming Lean philosophy from cognitive awareness into concrete operational actions and supporting sustainable, high-efficiency operations.

Global Customer Service

MGI has established a standardized, full-process service system centered on the needs of our global customers. By enhancing our institutional safeguards, strengthening our team's capabilities, and expanding our service network, we are committed to providing efficient, professional, and reliable technical support and training, continuously improving service satisfaction and the customer experience.

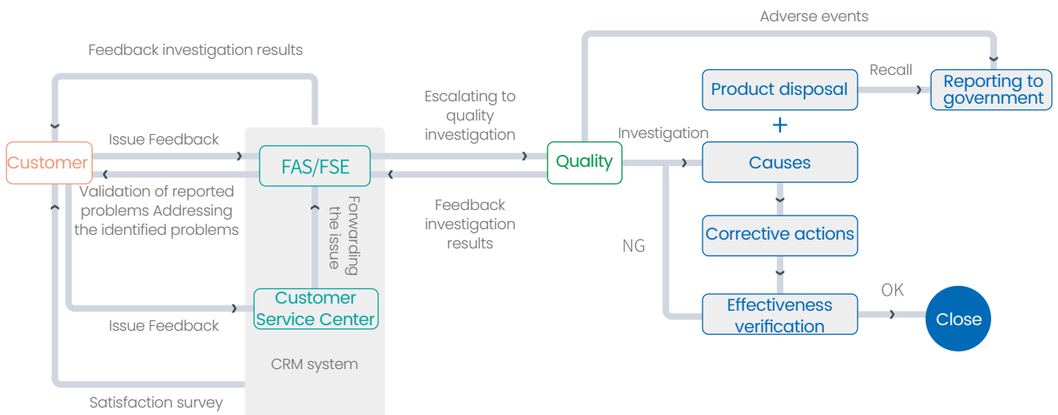
Customer Service Management

MGI is dedicated to building a global customer service system with the core objectives of "Standardizing Processes, Ensuring Capabilities, and Enhancing Efficiency". Centered on customer needs, the Company has systematically developed and continuously optimizes a comprehensive, full-process service institutional systems, including the Technical Service Execution Management Procedure, Top Customer Service Management Procedure, Pre-sales Technical Support Service Instruction, and Customer Training Service Management Instruction. We consistently adhere to the service principle of "Timely Response, Customer First, Standardized Processes, and Collaborative Closed-Loop". By focusing on multiple dimensions such as "Product, Personnel, Customization, and Problem-solving", we continuously improve service efficiency and quality, thereby consistently enhancing customer satisfaction.



MGI Customer Service Quality Improvement System

Meanwhile, the Company has established a comprehensive service management system covering the entire pre-sales, in-sales, and after-sales processes. Through standardized procedures such as the Customer Information Feedback Management Procedure, the Complaint Management Procedure, and the Customer Satisfaction Survey Procedure, the Company ensures that customer feedback is efficiently collected, promptly responded to, and that improvements are implemented. We proactively expand multi-channel complaint acceptance methods, including the official website, email, and telephone. Leveraging the CRM system, we achieve full-process tracking and management, forming a complete closed loop from complaint acceptance and root cause analysis to the implementation of measures and effectiveness verification.



Customer Issue Closed-Loop Management Process

Customer Service Assurance

The Company continuously carries out customer visit initiatives, organizing R&D and technical personnel to engage in-depth with both existing and new customers. This enables systematic collection of user feedback and requirements, driving product optimization and issue resolution. To enhance service accessibility, the Company has established an integrated online seminar and training platform on its official website, providing customers with remote learning and Q&A support. At the technical service delivery level, the Company provides full-cycle technical assurance through its FAS/FBS/FSE system, including on-site support, preventive maintenance, and upgrade services. It has also established standardized collaborative service mechanisms for third-party products. At the same time, upholding a win-win ecosystem philosophy, the Company has built an integrated training system covering both internal and external personnel to support the coordinated enhancement of capabilities across the industry chain.

Performance Highlights 2025

To continuously improve global customer service quality and technical response capabilities, the Company conducted **27** business training sessions for frontline customer service staff, totaling **39** hours.

To continuously enhance service quality, the Company regularly carries out customer surveys, applying the five-point measurement method to systematically evaluate customers across different business segments. Survey results are shared with R&D, production, marketing, and other departments to jointly formulate and track improvement measures. In addition, the Company has built a self-service platform on its official website that integrates online support, FAQs, and other functions to improve the convenience of service response. Customer privacy protection and service experience management have been embedded throughout the platform's entire operational process, building a strong security line of defense for customer data and rights.

Key Performance 2025

The comprehensive customer service satisfaction score reached **95.3** points	With product satisfaction at **92.8** points	Service satisfaction at **97.7** points

Global Network Layout

MGI continuously advances the systematic development of its global service network and actively promotes the localization of its marketing and services. The Company has established regional branches and professional teams covering the Americas, Europe, Asia-Pacific, and mainland China, and has set up subsidiaries in multiple countries and regions including the United States, Brazil, the United Kingdom, France, and China to efficiently respond to regional business needs. At the same time, the Company has established multiple Customer Experience Centers in key global innovation hubs such as Beijing, Boston, São Paulo, London, Berlin, Tokyo and Singapore. These centers are dedicated to providing local research institutions and partners with comprehensive support covering technical demonstrations, application training, and project collaboration, thereby continuously enhancing global service responsiveness and collaboration capabilities.

Case

MGI Singapore Customer Experience Center Is Now Operational, Opening a New Chapter for Localized Services in the APAC Region

In December 2025, MGI officially inaugurated its Singapore Customer Experience Center. This is MGI's first Customer Experience Center in the Southeast Asia region and marks another major international hub established following its lately-launched centers in São Paulo, Brazil, and Berlin, Germany. The inauguration of this Experience Center signifies a key step forward in MGI's global strategic layout, enabling MGI to provide users in Singapore and throughout Southeast Asia with more timely and immersive services.

Sustainable Supply Chain

At the core of MGI's strategy is the development of a sustainable supply chain. By optimizing its organizational structure and refining institutional frameworks, MGI strengthens its governance foundation. It leverages IT-enabled systems to achieve transparent, full-lifecycle management of its suppliers. Concurrently, MGI deepens collaborative partnerships with suppliers, establishes a robust, multi-dimensional risk prevention and control mechanism, and enhances team capabilities. MGI is dedicated to making its supply chain a key ecosystem that supports its global business layout and ensures the stable supply of its core products.

Supply Chain System Development

To support the efficient collaboration and compliance management of a sustainable supply chain, MGI has optimized and upgraded the organizational structure of its Procurement Management Center. It has established an integrated functional system covering procurement, logistics, and supply chain management, with clearly defined core responsibilities for each module. At the same time, the Company has built relatively independent supplier management organizational structures at its headquarters and in various regions/factories, forming a collaborative model of "headquarters coordination + regional implementation". This provides a solid organizational foundation for the efficient, compliant, and sustainable operation of the supply chain.

In daily business management, we continuously optimize processes and conduct internal business audits. In parallel, we dynamically update and iteratively refine our supporting policy documents. Currently, the Supply Chain Center has formulated and maintains 74 full-chain process documents, including 21 documents related to procurement and supplier management, 24 documents for warehouse management, and 28 documents for logistics management. These documents provide clear procedural guidelines to ensure compliant and standardized operations across every stage of the supply chain.

Logistics Department

It coordinates the entire process of logistics supplier management, transportation scheduling, warehousing management, and customs clearance, and enhances the resilience of the supply chain response through efficient logistics collaboration.

Procurement Department

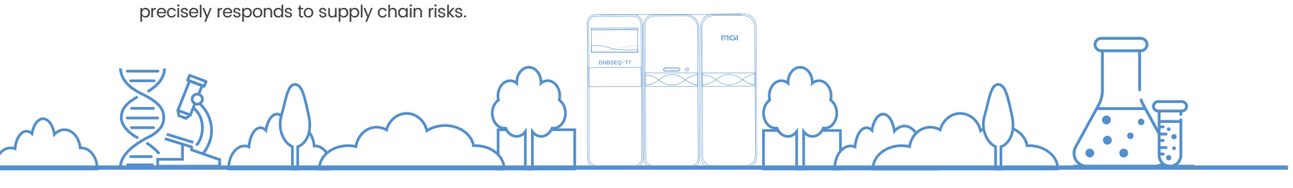
It focuses on standardizing the management of supplier resources, ensuring compliant control of procurement prices, and executing the end-to-end procurement process, laying the foundation for optimal resource matching within the supply chain.

Supply Chain Management Department

It leads the construction of the supply chain information platform, the optimization of the full-chain process, and internal compliance audits, building a strong institutional line of defense for the standardized operation of the supply chain.

Integrated Functional System for Procurement, Logistics, and Supply Chain Management

MGI integrates risk management and control into the core construction layout of its sustainable supply chain. Relying on proactive risk early warning and active management and control mechanisms, it actively identifies, dynamically monitors, and precisely responds to supply chain risks.



Supply Chain Risk	Evaluation Impact	Countermeasures
Supplier Financial and Legal Compliance Risks	Important	The Company conducts qualification re-reviews for suppliers with higher transaction volumes, verifying their financial soundness and legal compliance information. It also formulates an annual on-site inspection plan and carries out field visits to reduce the potential impact of supplier risks on the supply chain from the source.
Material Change and Discontinuation Control Risks	Important	The Company has established the Supplier Material Change Management Specification, which clearly defines the full-process control requirements for material changes and product discontinuations. Through standardized management mechanisms, the Company ensures that relevant processes are compliant and orderly, thereby building a strong line of defense for supply chain stability.
Reagent Quality Risks Caused by Cold Chain Logistics Breakage	Critical	The Company uses cold chain transportation equipment with temperature and humidity traceability functions and additionally installs real-time monitoring devices to achieve full-process temperature control. It has developed emergency response plans for cold chain breakage and prepared backup cold sources to enhance emergency response capabilities. In addition, it strictly controls temperature-sensitive operations during loading and unloading to minimize the exposure time of goods, thereby ensuring the quality and safety of reagents.

Supply Chain Risks and Countermeasures

The Company also attaches great importance to cultivating the professional competence and compliance awareness of its supply chain functional teams. It organizes internal surveys within the Procurement Management Center. And it has established a targeted special training system. Focusing on core business and compliance requirements, it conducts targeted training. The training content covers interpretation of the latest regulatory documents, dissemination of procurement business conduct guidelines, practical operations of core supply chain processes, hands-on business skill drills, and the strengthening of professional knowledge systems, etc.

Performance Highlights During the reporting Period, MGI completed a total of **24** internal supply chain training sessions, with participation exceeding **600** person-times.

Key Performance 2025

Number of manufacturers reviewed **60** Entities

Audit completion rate **100%**

Total number of suppliers **899** Entities

Number of local suppliers (domestic) **773** Entities

Number of suppliers with ISO 13485 quality system certification **267** Entities

Number of suppliers with ISO 9001 quality management system certification **453** Entities

Number of suppliers with ISO 45001 occupational health and safety system certification **56** Entities

Number of suppliers with ISO 14001 environmental management system certification **101** Entities

Supplier Full Lifecycle Management

MGI adheres to the philosophy of responsible procurement. It has established regulations such as the Supplier Management Procedure, Supplier Material Change Management Specification, and Supplier Quality Management Specification. At the same time, it requires suppliers to complete or sign documents including the Supplier Questionnaire and the Letter on Supply Chain Security to Material Suppliers. These measures aim to standardize supplier management and promote the green and compliant development of the supply chain.

To further achieve standardized and closed-loop control of supplier management, the Company has established a full lifecycle supplier management mechanism that covers all stages, including supplier admission, review, performance evaluation, and withdrawal. We also regularly organize supplier exchange conferences to share strategic objectives with suppliers, deepen mutual trust and cooperation, and work hand in hand with suppliers to build a sustainable supply chain, achieving collaborative win-win outcomes.

Supplier admission

MGI classifies supplied materials into three categories—A, B, and C—based on their importance. Based on this classification of supplied materials, MGI conducts supplier assessment and audits from multiple dimensions, including qualification compliance, management system, delivery capability, and compliance with laws and safety standards, to select qualified partners that meet MGI's admission standards. At the same time, MGI set up an evaluation to carry out on-site inspections to strengthen the admission review process.

Supplier On-site Inspections

MGI conducts annual on-site inspections for all Category A suppliers and Category B suppliers with relatively high cooperation amounts.

Regular Supplier Performance Evaluation

MGI conducts supplier performance evaluations on a quarterly basis, dynamically monitors supply performance, and urges rectification of identified issues. Based on multiple years of actual supplier performance data, MGI continuously updates its performance evaluation methods and criteria for suppliers, driving them to continuously improve delivery quality.

Supplier Withdrawal

If a supplier fails to meet cooperation requirements for a long time or the supplier's performance shows a continuous decline, MGI shall initiate a standardized withdrawal process. This process includes measures such as notifying the supplier in advance, providing a rectification window period, and implementing a strategic replacement.

Supply Chain Full Lifecycle Management

Performance Highlights During the reporting

MGI's incoming material qualification rates were **96.75%** for instruments, **98.28%** for reagents, and **98.95%** for chips.

Building a Sustainable Ecosystem

Enhancing Supply Chain Resilience

MGI is deeply committed to the philosophy of sustainable development. It has established nine international warehouses in locations including Shenzhen, Wuhan, Hong Kong, Singapore, Frankfurt, Riga, San Jose, and Melbourne. These warehouses efficiently meet customers' needs for temporary procurement and spare parts storage, comprehensively improving the supply chain response capability and sustainable operation level. In addition, the Company has built IT-enabled information systems such as SRM, WMS, and TMS, achieving full-process digital control over supplier management, warehousing, and logistics transportation. Among them, the SRM system promotes full lifecycle management of suppliers and enables end-to-end online closed-loop operations for procurement activities. It not only supports the compliant implementation of "transparent procurement" but also helps achieve cost reduction, efficiency improvement, and quantitative refinement of management. In 2025, the launch of the Electronic Signature function further connected key links in supply chain digital management, effectively enhancing supply chain operational efficiency and advancing supplier collaboration toward greater online digitalization and standardization.

On the logistics side, the Company simultaneously follows the AEO (Authorized Economic Operator) advanced certification standards as guidelines. It has built a full-chain supply chain security assurance system covering dimensions such as personnel security, cargo security, and trade security. While optimizing logistics customs clearance efficiency, it has also strengthened the compliance and security resilience of the supply chain.

Supplier Training and Communication

In order to deepen value linkage with suppliers and enhance the overall resilience and professional capabilities of the supply chain, the Company organizes irregular bidirectional supply-demand communication sessions, specialized training programs, and on-site visits. These initiatives aim to drive the transformation from traditional transactional relationships to strategic partnerships characterized by capability synergy and value co-creation, thereby empowering sustainable optimization across all segments of the supply chain.

Performance Highlights

During the reporting period, MGI conducted four training and exchange activities for its suppliers.

Supplier Integrity Management

MGI is committed to ethical procurement practices, embracing the principles of legality, compliance, and integrity. It has established the Code of Conduct for Procurement Personnel, which clearly defines the standards for honest and clean performance of duties by internal procurement staff. It requires suppliers to sign the MGI Anti-Commercial Bribery Commitment, which explicitly stipulates clean and honest clauses during the cooperation process. Additionally, through various measures such as integrity pledges at the annual supplier conference, and integrity risk reminders during holidays, the Company ensures that both internal and external integrity requirements are effectively implemented, while strengthening the consensus on clean and honest cooperation across the entire chain.

Performance Highlights As of the end of 2025

100% of the Company's suppliers had signed the integrity agreement, and **100%** of procurement personnel had received training on the Code of Conduct and passed the corresponding assessments.

Leader in Compliance Governance

MGI regards a well-established corporate governance and compliance risk control system as the solid foundation for its steady and long-term development. By establishing a governance structure with clearly defined rights and responsibilities, we deeply integrate core elements such as compliance management, risk control, and data security into every aspect of our operations. We are committed to creating sustainable value for all our stakeholders and to building a strong governance foundation for high-quality development.

Future Plan

- To proactively apply for management system certifications such as ISO 27001, ISO 27701, and ISO 37301;
- To organize annual internal control inspections and special risk mitigation activities;
- To pay taxes in accordance with the law and eliminate any tax violations;
- To streamline operations, and develop industry-leading management and risk prevention capabilities;
- To train all employees on anti-corruption and corruption-free business practices.

This chapter responds to SDGs

Corporate Governance

MGI has always regarded the improvement of corporate governance as the cornerstone for achieving sustainable development. Upholding a highly responsible attitude toward shareholders, employees, customers, and society, MGI continuously optimizes its governance structure, strengthens its internal control system, and enhances risk management. The Company strictly adheres to laws, regulations, and regulatory requirements. Through transparent, compliant, and efficient governance practices, it ensures the scientific nature of decision-making and the effectiveness of execution, effectively safeguards the rights and interests of all stakeholders, and provides a solid foundation for achieving long-term stable operations and strategic objectives.

Governance Structure

The Company strictly adheres to the Company Law of the People's Republic of China and other relevant laws and regulations, and has established a corporate governance system with the shareholders' meeting as the highest authority and the board of directors as the core decision-making body. The shareholders' meeting exercises decision-making power over major matters in accordance with *the Rules for Shareholders' Meetings of Listed Companies, the Articles of Association of MGI, the Rules of Procedure for Shareholders' Meetings,* and other relevant systems and regulations. It consistently emphasizes the equal protection of the rights and interests of all shareholders and attaches great importance to safeguarding the legitimate rights and interests of minority shareholders. As the core of corporate governance, the board of directors strictly complies with *the Rules of Procedure for the Board of Directors, the Working System for Independent Directors*, and other provisions, and diligently fulfills its responsibilities in strategic decision-making and oversight of daily operations.

Corporate Governance Structure

The Company actively builds a diversified board structure and is committed to enhancing the quality of decision-making through diversity in members' backgrounds and experience. All members of the board of directors possess professional competence and practical management experience, with expertise spanning financial accounting, legal compliance, and industry-specific technology. This brings multidimensional perspectives and professional expertise to the Company's strategic planning and sustainable development, continuously improving the level of corporate governance. Furthermore, the Company attaches great importance to the independence of the board of directors. All independent directors are independent from the Company's management and major shareholders, ensuring they can maintain an objective and neutral stance when reviewing significant matters. During the reporting period, the board of directors included 4 independent directors, accounting for 40%; and 2 female directors, accounting for 20%.

Key Performance — 2025

Number of directors	Number of independent directors	Number of female directors
10 People	4 People	2 People

The Company's board of directors has established multiple special committees, including the ESG Committee on Strategy and Sustainable Development, Audit Committee, Remuneration and Assessment Committee, and Nomination Committee, to provide professional support for the board's important decisions. Each governance body has clearly defined rights and responsibilities, operates in a standardized manner, and has formed a collaborative, efficient, and effectively balanced governance structure, laying a solid foundation for the Company's sustained and healthy development.

ESG Committee on Strategy and Sustainable Development	To research, evaluate, and provide recommendations on the Company's long-term development strategy, major investment decisions, and issues related to Environment, Social, and Governance (ESG).
Audit Committee	To assist the Board of Directors in the independent review of the Company's financial position, as well as the implementation and effectiveness of internal control and risk management systems; to issue audit reports and internal management recommendations; and to be responsible for the independent communication, supervision, and verification with internal and external audit firms.
Remuneration and Appraisal Committee	To research and formulate performance assessment criteria for the Company's directors and senior executives, and to organize and conduct performance assessments and provide recommendations; and to research, formulate, and review relevant remuneration policies and plans.
Nomination Committee	To review and study the selection criteria, procedures, and candidates for the Company's directors and senior executives, and to provide recommendations for their appointment or removal.

Responsibilities of Special Committees Under the Board of Directors

关键绩效 — 2025年

Number of board meetings held	Number of shareholders' general meetings held	Number of meetings held for the Audit Committee
8 Sessions	6 Sessions	7 Sessions

Number of meetings held for the Remuneration and Assessment Committee	Number of meetings held for the Nomination Committee
2 Sessions	1 Sessions

Investor Relations Management

MGI considers investor relations management a crucial means of improving corporate governance and enhancing corporate value. The Company strictly adheres to regulatory requirements, has formulated and refined the Rules Governing Investor Relationship Management and the Information Disclosure Management Regulation, and ensures that all disclosed information is truthful, accurate, clear, and easy to understand through a rigorous review mechanism. At the same time, the Company has established a comprehensive investor communication system. It maintains regular and efficient exchanges with investors through various offline and online activities, including on-site research visits, online roadshows, and securities firm strategy meetings, as well as multiple channels such as the "E-SSE" platform, investor hotline, Chinese official website, and official email.

In the course of its internationalization, the Company continuously deepens its overseas investor relations management. In terms of channel development, the Company has completed the optimization and upgrade of its overseas official website, systematically reviewed and expanded the pathways for information disclosure and communication targeted at global investors. In terms of interactive communication, the Company has actively broadened the boundaries of engagement with overseas investors. During the reporting period, it received nearly one hundred overseas investors in total, effectively enhancing the Company's transparency and brand recognition in the international capital markets.

Key Performance 2025

Number of investor communication events hosted **111** Sessions

Number of institutional investor visits **671** People

Number of overseas investor visits **77** People

Total number of institutes visits **249** Entities

Number of questions replied on "E-SSE" platform **9** Pieces

Reply rate of questions on "E-SSE" platform **100%**

Number of public disclosures issued **176** Pieces

Compliant operations

Compliance operation is the lifeline for MGI's survival and development. The Company strictly complies with the laws and regulations, industry standards, and business ethics of the regions where it operates. We continuously build and improve the comprehensive compliance management system that covers every facet of our business and every stage of our processes. Through robust institutional development, regular publicity and education, and strict supervision mechanisms, we are committed to internalizing compliance awareness into the conscious behavior of every employee. With a solid foundation of compliance, we ensure the steady and healthy development of the Company's business worldwide.

Compliance System

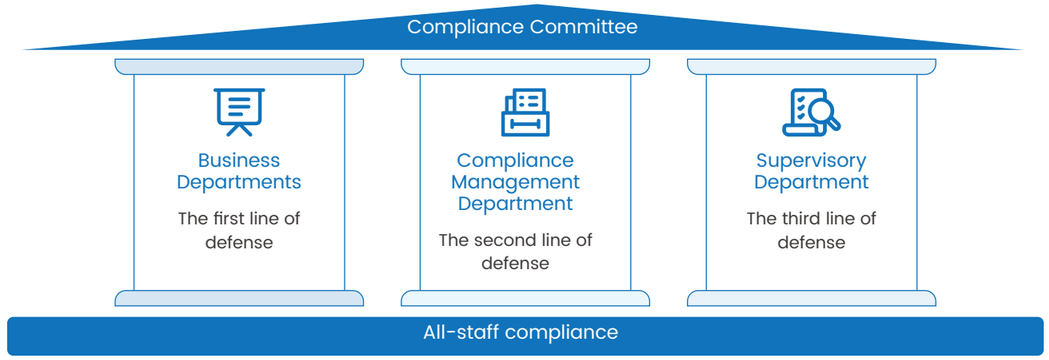
MGI attaches great importance to the development of its compliance system. Through a clearly defined "Three Lines of Defense" model and a systematic internal control mechanism, MGI ensures that compliance management achieves full coverage and operates in a closed-loop manner. Meanwhile, the Company actively cultivates a culture of compliance among all employees and strengthens special risk management for its global business layout. It is committed to building a modern compliance management system that is in line with international standards and synchronized with business development, laying a solid foundation for its long-term high-quality development.

Sound Institutional System

Sound governance and internal control are the cornerstone of the Company's long-term, stable growth and a key safeguard for creating long-term value for all stakeholders. For the purpose of ensuring the compliance and sustainability of its operations, MGI has continuously improved its compliance governance and institutional system. The Company has formulated and continuously optimized core regulations, including the Internal Control Management Procedure, and the Daily Internal Control Inspection and Reporting Standards. These efforts have effectively translated compliance requirements into standardized operational guidelines, providing a solid institutional foundation for all of the Company's business activities.

Compliance Governance Architecture

For the purpose of establishing and continuously improving the comprehensive and effective compliance management system, the Company has built a "Three Lines of Defense" model consisting of business departments, the compliance management department, and the supervision/audit department. This architecture ensures that compliance risks are fully identified and effectively controlled. Under this architecture, the Compliance Committee serves as the core leadership body of the compliance system. It is responsible for coordinated planning and institutional building, providing high-level guidance for the Company's decision-making. Several specialized departments operate under the Compliance Committee. The heads of these departments are responsible for implementing specific compliance management requirements and jointly advancing the development of the Company's compliance system.

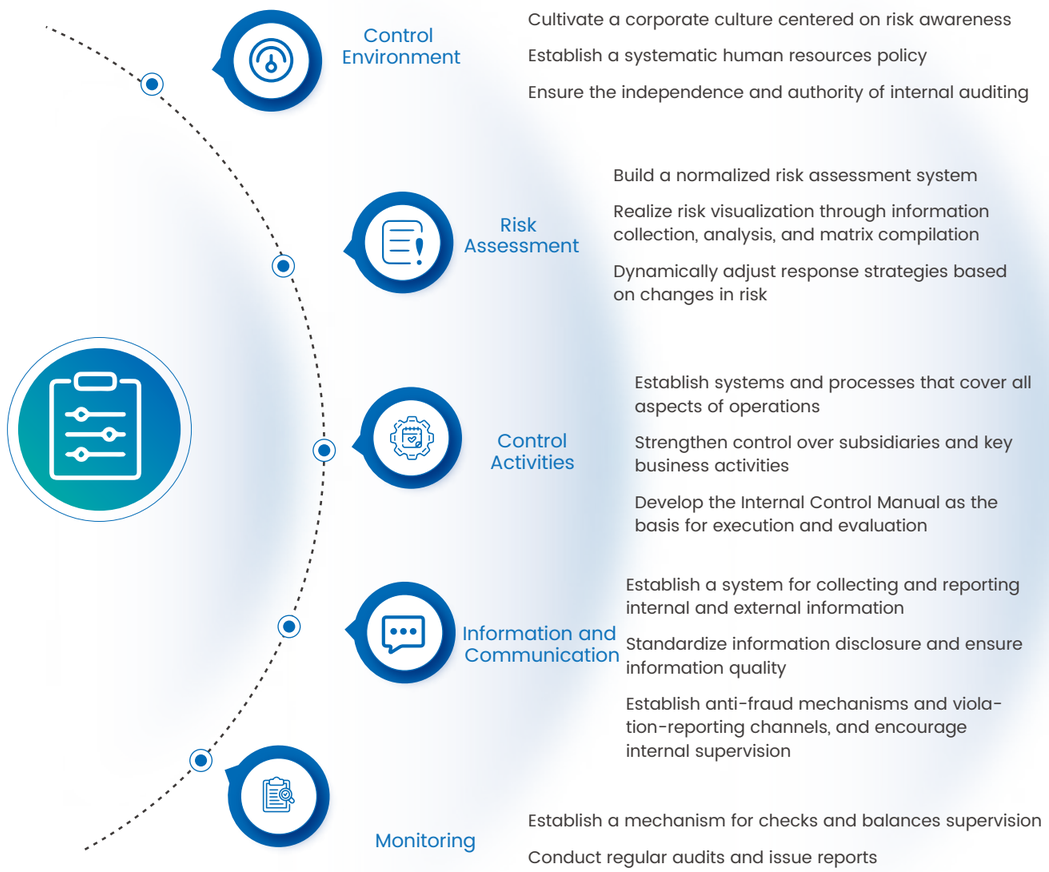


Compliance Governance Architecture

At the same time, we have further integrated the COSO Internal Control Framework deeply into our daily operations. Starting from the five key elements—Control Environment, Risk Assessment, Control Activities, Information & Communication, and Monitoring—we have established a dynamic, closed-loop governance architecture.

Key Performance 2025

Number of internal control inspections 9 Sessions



Five Key Elements of Internal Control

Cultivation of Compliance Culture

The Company continuously deepens the development of internal compliance culture, actively conducts compliance training, and enhances the compliance awareness of all employees. We focus on the coverage and participation rates of our compliance training. We regularly gather feedback from employees on compliance practices, such as our internal violation-reporting mechanisms and policy communication, to assess the true effectiveness of our compliance management. This enables us to build a more resilient and business-aligned compliance culture ecosystem.

Key Performance 2025

Number of compliance training session 5 Sessions

Case

Build a Strong Line of Defense for Business Compliance through Special Training

In June 2025, in order to further consolidate the compliance culture and strengthen risk management in key business processes, the Company organized and conducted special training. The training focused on the systematic explanation of the application of external regulatory regulations and the Company's internal control management requirements in typical business scenarios. This training adopted a combined model of "offline main venue + online live streaming + recorded playback", enabling flexible participation and continuous learning. The training content was delivered in both Chinese and English, fully covering personnel in relevant positions such as sales, after-sales, logistics, and finance. Through case-based teaching, it helped employees gain a deeper understanding of compliance requirements, effectively improving the standardization and accuracy of their actual operations, and providing strong support for the standardization and unification of business operations.

Overseas Business Compliance Management

In advancing its global business expansion, MGI consistently prioritizes compliant operations. The Company strictly adheres to the laws and regulations of the countries and regions where it operates. It has established systematic internal policies and control procedures, focusing on key risk areas such as export controls, data privacy, and anti-commercial bribery. By developing a code of conduct and robust review mechanisms, the Company continuously enhances its compliance management in cross-border operations and effectively mitigates operational risks.

For the purpose of ensuring the effective implementation of its overseas compliance system, the Company proactively maintains regular communication with local regulatory authorities to stay informed of regulatory developments and compliance requirements. Through comprehensive communication and training mechanisms, it ensures that all personnel, from management to the operational level, accurately understand and implement relevant compliance policies, thereby continuously strengthening its compliance governance and risk resilience in the international market. Furthermore, the Company integrates compliance requirements into its management of suppliers and partners. This reinforces the dissemination and consistent implementation of these compliance requirements across its collaborative network, thereby enhancing cross-entity collaborative management level and ensuring the stable operation of its overseas business.

Anti-commercial Bribery and Anti-corruption

At MGI, we regard anti-commercial bribery and anti-corruption as the fundamental moral principles underpinning our compliant business practices. We are dedicated to constructing an integrity governance system characterized by robust institutional frameworks, effective implementation, company-wide engagement, and joint ecosystem development. By means of systematic institutional design, ongoing promotional training, a strict violation-reporting and protection mechanism, and active synergy with the industry, we embed the requirements of integrity deeply into the entirety of our business workflows and all stages of cooperation, thereby consistently fostering a wholesome and favorable corporate culture.

Institutionalized Management System

For the purpose of establishing a systematic anti-commercial bribery and anti-corruption compliance mechanism, MGI has developed a comprehensive institutional system covering multiple dimensions such as codes of conduct, supervision management, and reward and punishment mechanisms. This includes the formulation of regulations such as the Anti-commercial Bribery Management Procedure, the Internal Supervision Management Procedures, the Red Line Management Regulations, and the Integrity Incentive and Rewarding Measures. These regulations define clear boundaries for employee conduct, detail standard processes for internal audits, violation-reporting acceptance, and case investigations, and lay an internal control foundation characterized by clear responsibilities, standardized processes, and traceable execution, thereby strengthening the Company's capability to manage integrity risks.

During the reporting period, the Company further improved its conflict of interest declaration management mechanism, completed the revision of the Employee Conflict of Interest Management Regulation, and uniformly connected the declaration process with the DingTalk Jiandaoyun platform, achieving standardized declaration types and fully online process management. On this basis, the Company organized a company-wide employee conflict of interest declaration, with the declaration rate among domestic employees reaching 100%. For each identified risk matter, the Company implemented targeted rectification and follow-up management. This process strengthened the closed-loop management of regulation implementation, continuously reinforcing the foundation of the Company's integrity governance from both institutional improvement and practical enforcement.

Regular Training and Publicity

MGI has established a regular training and publicity mechanism to push for the implementation of anti-commercial bribery and integrity concepts within the Company. The Company has innovatively developed the "Integrity Portal" platform, which serves as a centralized hub for compliance advocacy and special training. In addition, it sends integrity reminder emails during key festivals such as the Spring Festival to strengthen risk alerts at critical moments and prevent the occurrence of commercial bribery incidents. At the same time, the Company organizes an annual integrity knowledge examination covering all employees. By using examinations to promote learning and learning to drive action, it effectively consolidates and verifies employees' mastery of compliance requirements.

In 2025, the Company systematically carried out integrity promotion and compliance training, focusing on key personnel and critical business scenarios. For newly hired employees, the Company organized integrity education and training sessions. Two special lectures titled "Compliance Reminder — Red Lines That Must Not Be Crossed" were delivered. These sessions strengthened new employees' awareness of integrity in their professional conduct and their understanding of non-negotiable red lines.

In addition, focusing on key positions with high integrity risks, the Company conducted special integrity and compliance training for employees in domestic marketing centers and manufacturing sectors. The training incorporated typical cautionary education cases tailored to different business scenarios, enhancing the relevance and practicality of the content. The relevant training covered headquarters, Wuhan, Qingdao, Beijing and other regions. A total of 5 sessions were held throughout the year. This further strengthened the integrity and compliance awareness of personnel in key positions, as well as their ability to prevent and control risks.

Conduct Integrity Training

Establishing a sound violation-reporting and protection mechanism

For the purpose of ensuring the smooth and effective internal supervision channels of the enterprise, MGI has established a strict and confidential violation-reporting acceptance and investigation mechanism. The Company has established a multi-channel internal platform for reporting violations, encouraging employees and external partners to report suspected violations with real names or anonymously, and providing systematic protection for whistleblower's information.

In the acceptance process, the Company explicitly requires that the violation-reporting materials should include the reported object, specific reasons, and relevant evidence. After receiving the report, the accepting department shall complete the preliminary review and acceptance confirmation as soon as possible, and initiate an internal investigation in accordance with the Whistleblowing and Case Investigation Standards. Meanwhile, the Company has established a tiered reward system for whistleblowers, providing corresponding incentives based on the effectiveness of clues and investigation contributions, and building a compliance culture ecosystem of "daring to supervise, effective protection, and positive incentives".

Reporting methods

- **Email Report:** 19537955110@mgi-tech.com
- **Phone Report (same number for WeChat):** +86 19537955110
- **Reporting via Letter or In-Person:** Address: MGI Audit and Risk Control Center, East Zone 1, MGI Space Center, No. 9 Yunhua Road, Meisha Sub-district, Yantian District, Shenzhen
- Reporters may choose to report in-person or through other appropriate methods as deemed suitable.

Building a Clean and Integrity-Driven Industry Ecosystem

MGI regards industry collaboration as a vital extension of its integrity governance. The Company actively participates in organizations such as the Trust and Integrity Enterprise Alliance, attends relevant exchange activities organized by the Anti-Fraud Alliance, and strictly implements the industry blacklist sharing mechanism. Together with all parties concerned, it works to build a strong line of defense for integrity. In commercial dealings with key partners such as customers, suppliers, and agents, the Company incorporates integrity commitments into contract terms and cooperation admission requirements. It clearly defines the compliance responsibilities and behavioral boundaries for all parties concerned, thereby enhancing the integrity constraints and transparency across the cooperation chain. In addition, the Company regularly conducts thematic exchanges and compliance promotion for stakeholders, working together to build a fair, transparent, and sustainable business environment.

Combat Unfair Competition

MGI upholds the principle of fair competition and strictly complies with relevant laws and regulations, including the Anti-Monopoly Law of the People's Republic of China. The Company integrates competition compliance into its overall governance framework and continuously improves its market competition compliance management system. The Company has established a dedicated team that utilizes systematic risk assessment tools to conduct full-process identification and control of potential monopolistic risks in its business activities, strengthening ex-ante prevention and ongoing supervision. Focusing on system implementation and capability building, the Company regularly organizes special training and practical guidance for all employees, effectively embedding the awareness of fair competition into business decision-making and operational conduct. In 2025, the Company experienced no incidents of unfair competition.

Outward Investment

- Assessment and Filing: The compliance team assesses whether a transaction constitutes a "concentration of undertakings" based on factors such as shareholding structure, voting rights, and board composition. It also determines if the transaction qualifies for an exemption.
- Pre-approval: If the transaction meets the filing thresholds, the Company strictly follows the filing procedures and only proceeds with the transaction after receiving approval from the anti-monopoly enforcement authority.

Daily Operational Contract Management

- Contract Review: The key focus is on reviewing contracts for any anti-competitive clauses to prevent the formation of horizontal or vertical monopoly agreements.
- Price Management: The Company strictly adheres to its pricing system. A special approval mechanism is implemented for activities such as low-price selling to prevent market dumping and protect the rights and interests of both businesses and consumers.

Management of Supplier and Customer Agreements

- Content Review: The focus is on identifying clauses that harm market competition and consumer interests, such as price-fixing or setting minimum resale prices.
- Regular Self-Audits: Through regular internal operational self-audits, the Company proactively identifies and rectifies potential compliance risks, establishing a mechanism for continuous improvement.

Full-process Anti-monopoly Compliance Management

Responsible Marketing

MGI firmly holds the bottom line for compliance in its marketing and has established a responsible marketing system that covers the entire process, from corporate promotion and client development to contract signing and fulfillment. The Company has formulated specific regulations such as the Management Standards for Marketing Promotion Methods and Content to regulate marketing behaviors. Additionally, the Legal Department conducts pre-approval reviews of specific promotional materials for legality and intellectual property risks to ensure that the information is truthful and compliant. Additionally, the Company provides ongoing special training to enhance the sense of responsibility among its marketing personnel, building sustainable brand trust through a responsible approach. In 2025, the Company was free of any violation concerning the branding of products and services.

Tax Compliance

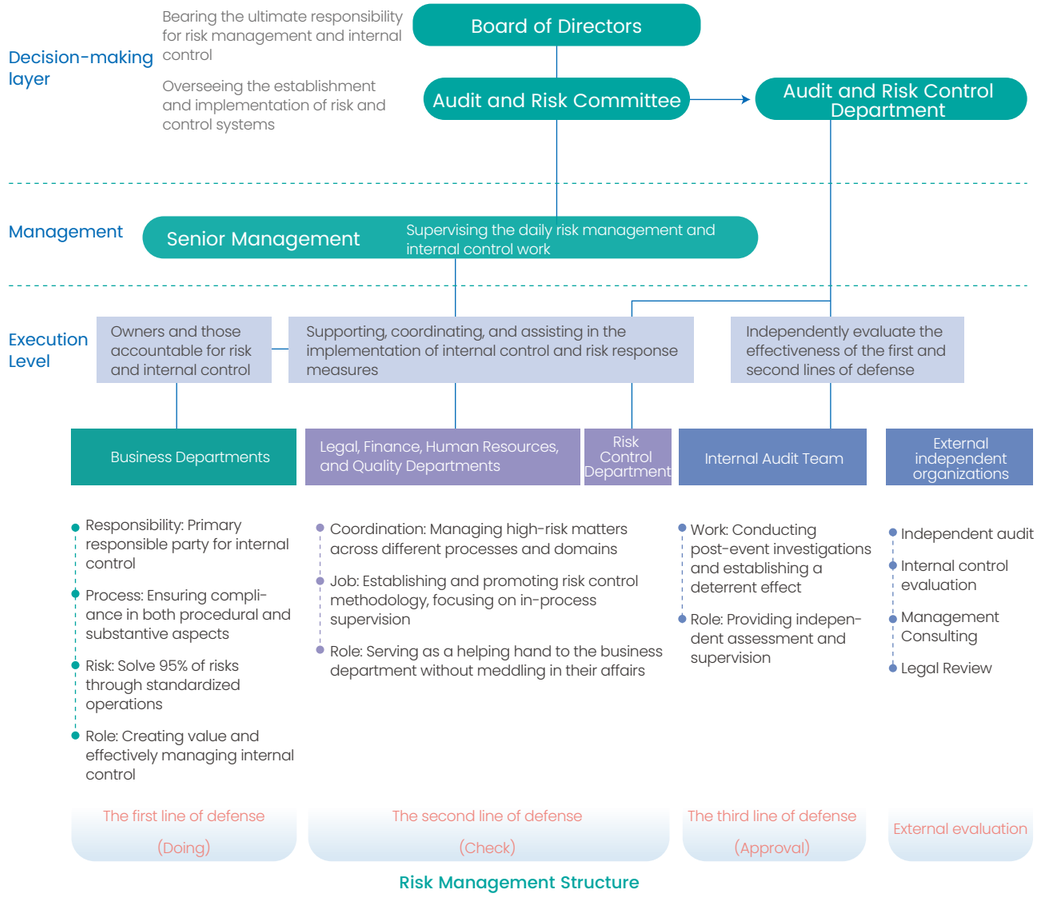
In its global operations, MGI has always regarded lawful and compliant tax payment as the fundamental responsibility of its business activities. We fully comply with all applicable regulations, including China's domestic tax laws and regulations as well as the tax laws of the countries and regions where we operate. We have established a comprehensive, full-process management system covering tax declaration, risk control, and compliance training. The Company has set up a dedicated professional tax team, conducts regular internal tax self-inspections and audits, and continuously provides internal tax law training to enhance compliance awareness among all employees. Furthermore, we proactively maintain communication with tax authorities and support the sound operation of the tax system through highly disciplined business practices.

Risk Management

MGI regards its comprehensive risk management system as a key safeguard for supporting strategic decision-making and ensuring sound operations. We have established a full-process management mechanism covering risk identification, assessment, response, and monitoring. Leveraging a clear organizational structure and standardized management procedures, we ensure systematic control and dynamic response to various risks, thereby building a solid safety bottom line for the Company's continuous value creation.

Risk Management Structure

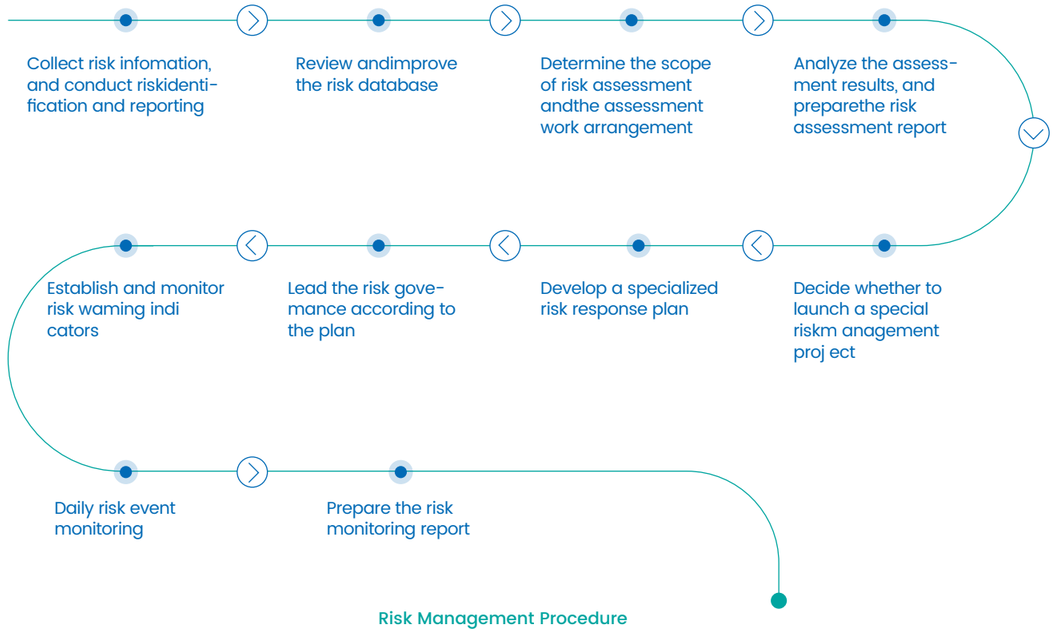
MGI adheres to a systematic and forward-looking risk management philosophy. It has established a risk identification and control system that covers all business areas. The Company strictly adheres to relevant policies and procedures, including the Risk Control Implementation Management Standards and the Management Guidelines for Unexpected Risk Events. It has established and implemented the "Three Lines of Defense" mechanism for risk management, promoting normalized risk identification, assessment, and response to potential risks in cooperation, investment, and operations across all business segments.



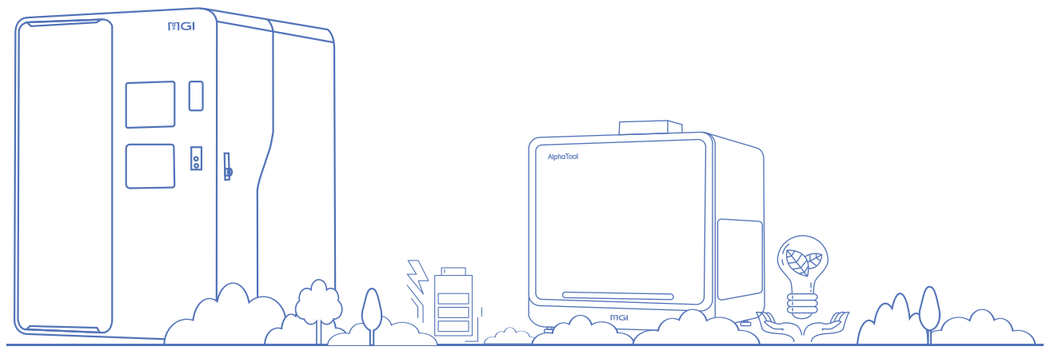
Risk Management Structure

Risk Management Procedure

MGI has established a full-process risk management procedure that covers risk identification, assessment, control, monitoring, and reporting, actively and effectively responding to risk events. The Company follows internal regulations such as the Audit and Risk Management Process and the Risk Control Management Procedure. The risk control team, various business units, and the audit and risk control center jointly participate in the analysis and classification of identified risks. To address major risks, the Company develops specific control strategies and utilizes tools such as risk checklists and control matrices to achieve targeted management and control over business processes.



Risk Management Procedure



Data Security and Privacy Protection

MGI attaches great importance to data security and privacy protection. The Company strictly complies with relevant domestic and international laws and regulations. It has established a comprehensive security management system and internal control processes that cover the entire data lifecycle. Through continuous improvement of technical safeguards, institutional standards, and employee training, the Company is committed to systematically ensuring privacy and data security, providing trustworthy products and services to all stakeholders.

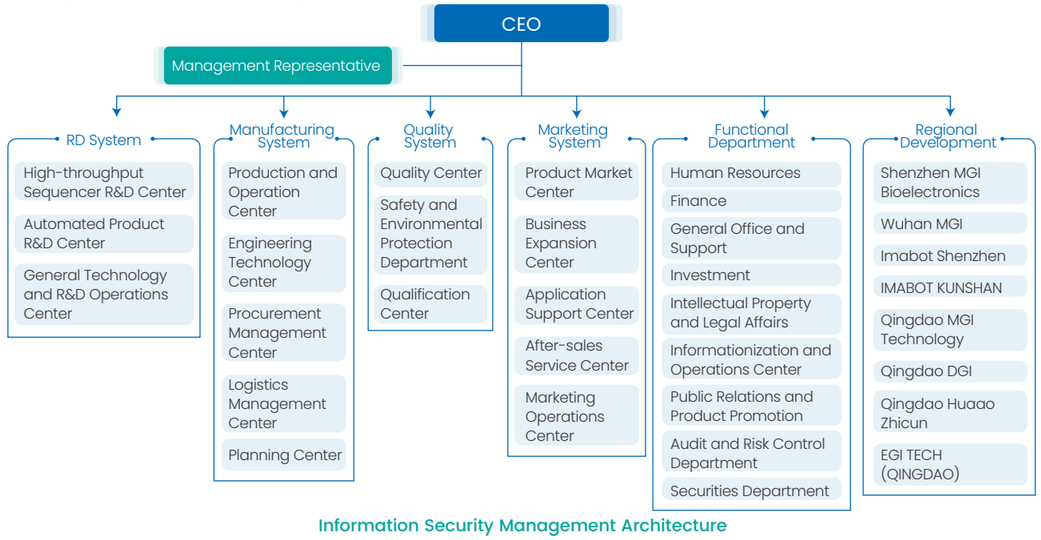
Information Security

MGI strictly adheres to relevant standards and has established a three-dimensional security governance framework that covers institutional systems, technical protection, and personnel awareness. Focusing on risk identification, compliance certification, and cultural cultivation, the Company continuously improves its information security management mechanisms and control measures, enhances its security protection capabilities and emergency response levels, and lays a solid security foundation for its global development and customer trust.

Safety Management System

MGI deeply recognizes the significant importance of information security for enterprise operations, customer trust, and industry responsibility, and has incorporated compliance requirements and security protection into its corporate governance priorities. The Company strictly adheres to domestic and international laws and regulations, including the Cybersecurity Law of the People's Republic of China and the EU GDPR. Building on this foundation, it has established internal management regulations, such as the Guidelines for Information Asset Identification and Risk Assessment, forming a protection mechanism that covers the entire lifecycle of its digital assets.

The Company has defined its core information security policy as: "Regulatory Compliance, Balancing Objectives, Primary Responsibility of Business Departments, and Excellent Improvement". It has also established the management principles of "Leadership Accountability, All Employees Participation, Oversight and Constraints, and Continuous Improvement", thereby further refining its information security management mechanism. The Company has officially established the Information Security Management Committee. The Committee is responsible for the overall planning and development of the Information Security Management System, enhancing cross-departmental collaboration and oversight, and driving the implementation of relevant regulations and measures.



Information Security Management Architecture

Information Security Policy

Regulatory Compliance

Strictly adhere to all applicable laws, regulations, and industry standards to ensure the establishment and operation of the information security system are in full compliance with regulatory requirements.

Primary Responsibility of Business Departments

The business departments that own the information assets shall assume primary responsibility. They are required to proactively identify the key information security risks and protection needs specific to their business scenarios, and drive the implementation of specific protective and remediation measures.

Balancing Objectives

Ensure the availability of the information system while balancing it with confidentiality and integrity. Dynamically adjust the priorities and balancing strategies for Confidentiality, Integrity, and Availability (C/I/A) based on the characteristics of different business scenarios.

Excellent Improvement

Thoroughly trace the root causes of information security risks, systematically identify issues, and properly address them. In line with business development and changes in the risk landscape, continuously optimize information security mechanisms and steadily enhance risk prevention and control capabilities.

Principle of Leadership Accountability

The Company's leading supervisor or information security representative shall take overall responsibility for information security work. He/she shall be responsible for coordinating and planning security management objectives and strategies, establishing and reasonably allocating resources for the information security assurance team, and coordinating the relationship between information security and various business systems and departments.

Principle of All Employees Involvement

Advocate for the participation of all employees in information security management, integrate security responsibilities into daily job duties, promote cross-departmental collaboration, jointly implement security management requirements, and build a company-wide culture of information security.

Principle of Oversight and Constraints

Establish mechanisms for oversight and constraint at all levels—including organizational structure, division of responsibilities, job design, and process execution—to effectively mitigate information security risks arising from excessive concentration of power or lack of constraints.

Principle of Continuous Improvement

Based on dynamic evaluation and feedback mechanisms, continuously optimize the information security management system, continuously improve its comprehensiveness, applicability, and effectiveness, and adapt to business development and changes in the security environment.

Principles of Information Security

Objective Attribute	Objective Title	Achievement Status in 2025
Information Security Incident Management	0 major information security incidents identified	0 ✔
Risk Handling	Information security risk handling rate (high-risk matters) ≥ 90%	95 ✔
Information Security Incident Management	General information security incidents identified ≤ 10 times/year	2 ✔

Information Security Management Objectives

Audit and Compliance Certification

MGI has established a security and compliance management system benchmarked against international standards. The Company integrates auditing and certification into its information security management mechanism and continuously enhances its information security control framework. The Company regularly performs internal security scans and technical inspections, proactively identifying system vulnerabilities and potential risks. It also engages independent third-party organizations to conduct external security assessments, ensuring that its information security management measures meet industry standards and regulatory requirements. As of the end of the reporting period, nine legal entities of the Company, both domestic and overseas, had obtained ISO 27001:2022 certification. Among these, Latvia MGI successfully passed an audit by SGS and achieved a dual-system certification by integrating its ISO 27001 and ISO 27701 systems.

MGI ISO 27701 Privacy Information Management System Certification Certificate

Risk Identification and Prevention and Control

MGI continuously identifies potential risks, such as external cyber-attacks, data breaches, unauthorized access, and risks associated with third-party partnerships. The Company is committed to building a comprehensive protection system that covers all aspects of operations, products, and compliance. The Company has established the Information Security Emergency Management Specification and regularly conducts emergency drills to continuously enhance its capability to respond to security incidents. In 2025, the Company experienced no incidents of data security.

Information Security Risks	Response Measures	Results
Unauthorized access	MGI has implemented access control, performed user identification and authentication. User identification must be unique, authentication information must meet complexity requirements and be changed periodically, and the user account must be locked after a certain number of failed attempts.	▪ MGI has standardized the opening and cancellation of accounts, and regularly reviewed user permissions; ▪ developed a management strategy for identity authentication information; ▪ reduced the possibility of unauthorized access.
External Cyberattacks	MGI has implemented security technologies such as firewalls, intrusion detection systems (IDS), intrusion prevention systems (IPS), and antivirus.	▪ MGI has reduced the success rate of network attacks; ▪ Raised awareness of vulnerabilities and potential threats; ▪ promptly identified and responded to potential security incidents.
Internal Breach Risk	MGI has developed the employees training plan to enhance their awareness and responsibilities in information security.	▪ MGI has reduced the misuse of information assets by internal personnel; ▪ responded quickly in the event of a data breach; ▪ improved employees' ability to identify potential risks.
Third-party Risks	MGI has evaluated and monitored the security practices of third-party suppliers, and conducted a comprehensive security review on suppliers before cooperation; Third-party vendor security practices were evaluated and monitored to ensure clear security agreements and defined responsibilities.	▪ MGI has standardized supplier management processes and reduced potential risks caused by third parties; ▪ strengthened monitoring and management of third-party partners to ensure supply chain information security.

Identification and Handling of Information Security Risks

Information Security Culture Development

MGI attaches great importance to information security culture development. Through systematic training and real-world drills, the Company continuously enhances all employees' security awareness and protective capabilities. The Company has established clear and actionable information security policies and procedures. It conducts annual online training and assessments for all employees to effectively mitigate security risks arising from human factors. In addition, the Company regularly organizes phishing email drills and invites third-party professional institutions to conduct simulated cyber attacks, testing and strengthening the security team's emergency response capabilities in real-world scenarios, while continuously improving the security defense system.

Key Performance — 2025

Number of information and data security training conducted **1** Sessions	Number of employees participating in information and data security protection training **939** People
Training-participation rate for information security and data protection **50%**	Complaints on customer privacy violation received **0** Cases

Product Data Security

MGI strictly complies with domestic and international laws, regulations, and industry standards, deeply embedding security and privacy protection requirements throughout the entire lifecycle of product research and development, production, and operations & maintenance. The Company continuously refines its data security protection system, which spans front-end design, back-end management, and third-party validation, and is committed to safeguarding data integrity, confidentiality, and availability through robust technical and managerial measures.

Full-Process Data Security Assurance

To establish a trustworthy product security system, MGI integrates data compliance and cybersecurity requirements across the entire process of product research and development and operations. In the R&D phase, the Company rigorously follows relevant cybersecurity guidelines for medical devices and conducts systematic assessments of the product's cybersecurity capabilities, patch and vulnerability management, security protection strategies, and other aspects. This ensures that security mechanisms are systematically incorporated from the very outset of the design process. In parallel, the Company has established a full-lifecycle data management mechanism covering collection, transmission, storage, and destruction. It comprehensively regulates every stage of data processing in accordance with domestic and international regulations, including GDPR, and continuously identifies and mitigates potential weaknesses through cross-departmental risk assessments.

Network Security Capability

- Product Security Design: Clearly define the product's software information, application scenarios, and data flows, conduct a cybersecurity capability applicability analysis, and ensure that security mechanisms are designed synchronously with the product functions.
- Capability Mapping and Description: Perform applicability assessments for the 22 key security capabilities, clearly specifying the implementation paths and providing reasonable justifications for any non-applicable cases.

Full-Lifecycle Vulnerability and Patch Management

- Asset and Risk Identification: Identify the software and hardware environments on which the product depends, assess their security status, and systematically catalog potential security vulnerabilities.
- Closed-Loop Management Mechanism: Combine automated tools with third-party assessments to classify, remediate, and track vulnerabilities; clearly document the reasons for any unpatched vulnerabilities and outline follow-up plans.

Safety Management Software

- Protection Baseline Establishment: Enable security software, such as antivirus, as a default out-of-the-box configuration during the product's initial deployment.
- Compatibility and Continuous Maintenance: Verify the compatibility of security software with system operations, and establish a regular update mechanism to ensure the sustained effectiveness of protection capabilities.

Product Network Security Assessment

Building a Strong Line of Defense Against Data Security Risks

The Company systematically embeds data security regulatory requirements, such as GDPR, into the product design phase. It clearly defines the ownership of genetic data and blocks external intrusion risks from both physical and operational mechanisms through measures including localized operation and the disabling of wireless transmission. Additionally, we actively engage internationally authoritative third-party organizations to conduct multi-level security testing and certification. Several of our products have already obtained the GDPR-EuroPrise certification, providing users with a dual layer of security assurance that combines both technical protection and compliance verification. In 2025, the Company had no violations of laws and regulations nor received any administrative penalties in the areas of data security and customer privacy protection.

Product Design Security Enhancement

Thoroughly optimize the product design process, and fully and accurately embed GDPR and regional cybersecurity regulations requirements in key links such as design input, testing, and verification:

- Clear data ownership: Clearly define the rights to control, process and own genetic data, to ensure that MGI Tech does not involve in the ownership of related rights and interests, thus avoiding potential data risks;
- Operate independently in a local environment: The gene sequencer adopts a completely local operation mode, eliminating the need for a network connection. This setup physically prevents unauthorized external access to data via the internet, significantly reducing the risk of data breaches;
- Multiple security protections: The gene sequencer is not equipped with a wireless data transmission module or card, and its wired LAN port is limited to internal network configuration. The USB port is dedicated to emergency data backups, creating a robust hardware security system that protects against data loss due to network failures or other disruptions.

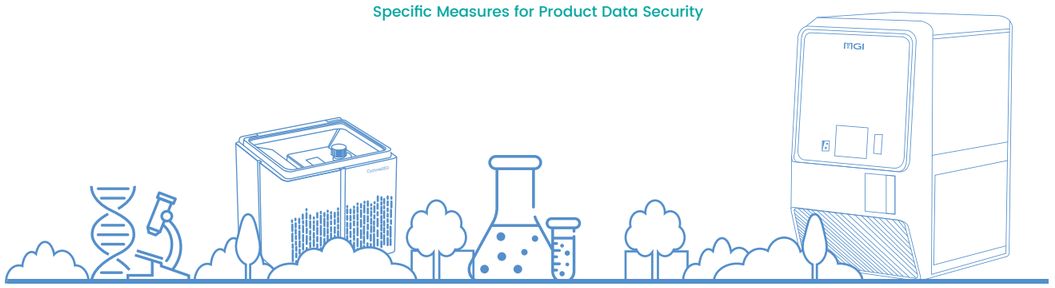
Data Processing Compliance Management

Comprehensively organize and optimize the full life cycle of data collection, transmission, storage, and destruction, strictly comply with domestic and international regulatory requirements, ensure high compliance throughout every stage, and eliminate any illegal operations in the data-processing process.

Business Department Security Control

Conduct in-depth interviews with core business departments and support departments involved in data processing, comprehensively evaluate the current status of information protection, and accurately identify potential risks and optimization opportunities. Based on the evaluation results, develop and implement tailored compliance measures to ensure that all departments strictly adhere to security standards during data processing.

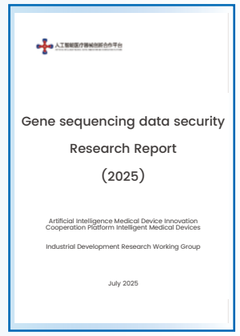
Specific Measures for Product Data Security

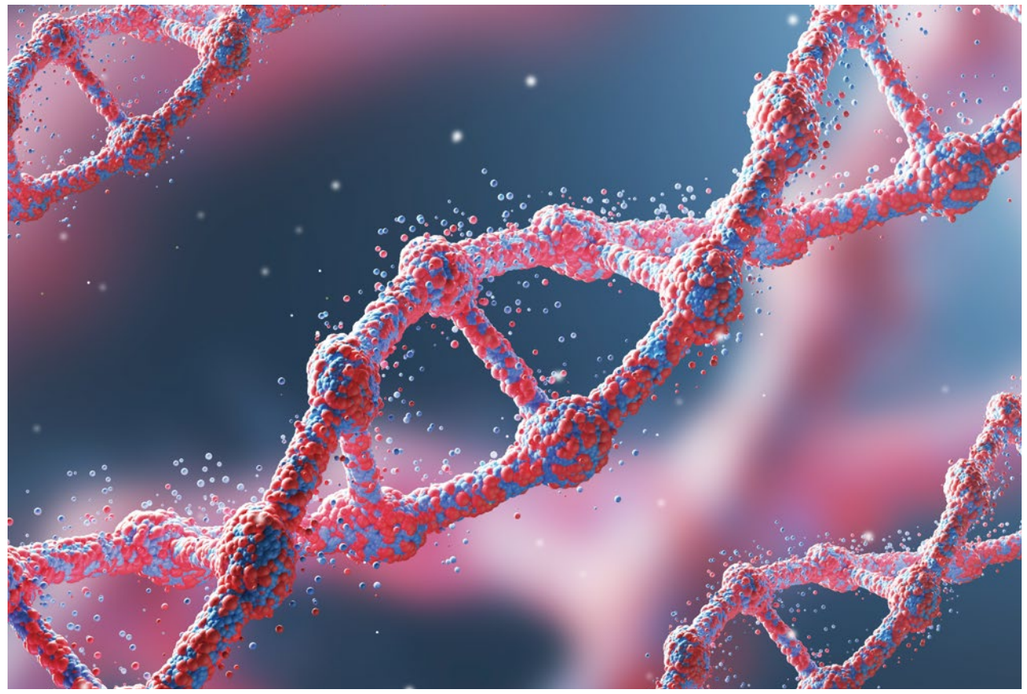


Case

Participating in Compiling the Research Report on Gene Sequencing Data Security (2025), Supporting the Construction of the Industry Data Security System

In August 2025, the Research Report on Gene Sequencing Data Security (2025), in whose compilation MGI deeply participated, was officially released. Drawing on its practical experience in the research and development of gene sequencing instruments and data security management, the Company participated in refining the framework for gene sequencing data security identification and management. This effort contributes to building an industry-wide data security reference framework and actively promotes the healthy development of the gene sequencing industry on the foundation of security and compliance.


Gene sequencing data security
Research Report
(2025)
Artificial Intelligence Medical Device Innovation Cooperation Platform Intelligent Medical Devices
Industrial Development Research Working Group
July 2025



Value Growth Partner

On the path to sustainable development, MGI has always firmly believed that outstanding talent is its most critical competitive advantage and the wellspring of innovation. The Company has comprehensively established a responsible human resources management system. It is committed to building a fair and inclusive development platform for employees, firmly holding the bottom line for occupational health and safety, and actively fulfilling its social responsibilities to promote the coordinated development of employees, the enterprise, and society.

Future Plan

- To provide all employees with training more than **100,000** hours each year in total;
- To eliminate all forms of discrimination and prejudice to ensure fair and unbiased recruitment;
- To carry out caring activities for overseas and female employees every year;
- To ensure all eligible employees enjoy their full social insurance payments on time, and provide them with comprehensive welfare benefits;
- To achieve zero recorded cases of occupational diseases or accidents of Level III and above involving accountability;
- To carry out rural revitalization or public welfare donation activities every year.

This chapter responds to SDGs

Employee Employment and Management

MGI adheres to the philosophy of equality, respect, and inclusion, and operates in strict accordance with all applicable laws and regulations. The Company has established and is dedicated to the continuous improvement of a systematic and internationalized human resources management system. Through rigorous policies and systems, we safeguard equal employment and development opportunities. We inspire our employees' potential with the Three Good Culture of "Stay Healthy, Study Well and Work Hard", foster an open, diverse, and inclusive organizational atmosphere, and provide all our global employees with a fair, transparent development environment and growth platform.

Fair Recruitment

MGI adheres to the principle of putting people first, viewing talent as the core driving force behind innovation. The Company strictly adheres to the Labor Law of the People's Republic of China, the Labor Contract Law of the People's Republic of China, the Employment Promotion Law of the People's Republic of China, as well as the labor laws and regulations of the countries and regions in which it operates. It has established systematic human resources management regulations, including the Internal Recommendation and Reward Management Standards, the Recruitment Management Process, the Talent Introduction Management Procedure, to standardize its talent management processes. The Company enters into labor contracts with all employees in full compliance with applicable laws. Its overseas subsidiaries sign collective bargaining agreements or employment documents in accordance with local regulations. We explicitly prohibit any form of workplace discrimination, child labor, and forced labor. These requirements are incorporated into our Employee Handbook and other corporate policies as we continuously build a respectful, equitable, and inclusive work environment.

MGI attaches great importance to talent introduction and cultivation, and builds a stable talent input system through dual channels of campus recruitment and social recruitment. In terms of campus recruitment, we have formed strategic partnerships with universities like Tsinghua University and the University of the Chinese Academy of Sciences. These collaborations enable early talent identification and reserve through joint training programs, internships, competitions, and other initiatives. In terms of social recruitment, we leverage a variety of recruitment channels to pinpoint and attract professional talents. The Company has implemented standardized recruitment processes that encompass internal job postings, internal transfers, and background checks. Throughout all recruitment activities, we strictly uphold the principles of fairness, impartiality, and transparency, and avoid any language that could be perceived as discriminatory. Furthermore, where positions are a suitable match, the Company actively provides employment opportunities for persons with disabilities, demonstrating equal employment through concrete actions.

Key Performance — 2025

Number of male employees	1,223
Number of female employees	972

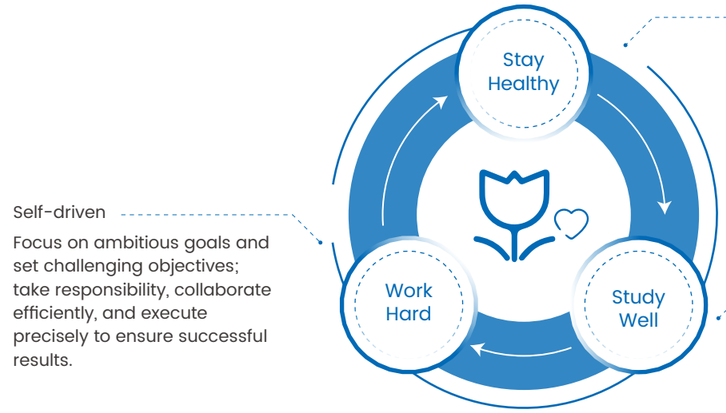
30 years old and below	563
31 to 40 years old	1,256
41 to 50 years old	298
51 years old and above	78

Bachelor's degree or above	2,023
Junior college education	142
Secondary vocational education or below	30

Mainland China, Hong Kong, Macau and Taiwan	1,770
America	178
Europe and Africa	144
Asia-Pacific Region	103

"Three Good" Culture

At the core of MGI's philosophy is the "Three Good" Culture of "Stay Healthy, Study Well and Work Hard". The Company is committed to building a vibrant and creative work environment that fully unleashes employees' autonomy, sense of responsibility, and innovative potential. The Company fully supports and respects the individual value of every employee, aiming to shape a high-caliber team with strong cohesion and an enterprising spirit, thereby laying a solid talent foundation for its sustained development.



MGI's "Three Good" Philosophy

Self-discipline

Maintain self-awareness, proactivity, and resilience; control your diet and stay active; maintain passion and drive, and uphold a positive attitude even in adversity.

Self-driven

Focus on ambitious goals and set challenging objectives; take responsibility, collaborate efficiently, and execute precisely to ensure successful results.

Proactivity

Engage in proactive learning and scientific cognition; gain insight into the essence of things and cultivate interdisciplinary thinking; apply your knowledge to achieve tangible business outcomes.

Democratic Communication and Integration of Diverse Cultures

MGI has always strictly adhered to the principles of fairness and justice. It has established and improved employee communication and complaint mechanisms, clearly defined anti-discrimination management requirements, and resolutely eliminated any form of workplace discrimination. By relying on the dissemination of institutional policies, special training, and ongoing employee care initiatives, the Company strengthens the implementation of equality and inclusion concepts within the organization. It actively fosters a workplace environment that respects differences and promotes collaborative progress, thereby providing a solid guarantee for the integration and development of global talent.

Communication and Complaint

MGI continuously improves its employee communication and complaint system. Adhering to the principles of transparency and equity, we create an open and inclusive work environment. The company has established diversified communication channels, including communicating with direct supervisors, submitting written complaints, and voicing opinions to the Human Resources department or the Trade Union. This ensures that employees can express their concerns smoothly and receive timely feedback. For major decisions involving rewards, penalties, and similar matters, the Company clearly informs employees of the basis and procedures, provides them with opportunities to present statements and defenses, and allows employees to submit a written complaint within the stipulated timeframe. This approach strengthens procedural standardization and ensures fairness in outcomes, effectively safeguards employees' legitimate rights and interests, and puts into practice the Company's people-oriented management philosophy.

Oppose Workplace Discrimination

MGI firmly opposes any form of discrimination based on gender, age, nationality, belief, disability, or any other factors. The Company has explicitly formulated and implemented anti-discrimination policies and codes of conduct, and will take serious disciplinary action against any violations. In all aspects of employment, including recruitment, promotion, and daily management, the Company consistently upholds the principle of fairness to ensure that all employees are provided with equal opportunities for development and career advancement.

Key Performance — 2025

- Total number of female employees at the core management level **24** People
- Proportion of female employees at the core management level **30%**
- Total number of female employees at the strategic management level **4** People
- Proportion of female employees at the strategic management level **20%**

Adhering to the Integration of Diverse Cultures

In order to continuously practice the philosophy of integration of diverse cultures, MGI regularly organizes anti-discrimination and multicultural related training, constantly improving employees' awareness of inclusiveness and cross-cultural communication skills. The Company is concurrently enhancing its internal complaint and resolution mechanism. We have clearly defined the acceptance channels and investigation procedures to ensure that employees who encounter discrimination or unfair treatment receive a timely response and a fair resolution. Focusing on optimizing the employee experience, the company periodically conducts regional employee satisfaction surveys. It systematically collects feedback and opinions, identifies key management priorities and improvement directions, and is committed to building an organizational ecosystem that respects differences and promotes collaborative progress.

Building on this foundation, MGI actively advances its internationalization process. Its employee distribution has now expanded to multiple countries, including France, Germany, Latvia, the United Kingdom, Singapore, Japan, India, Indonesia, South Korea, and the United States. The Company upholds an open and inclusive mind, respects and accommodates cultural traditions from different regions, and continuously promotes cross-cultural exchange and integration. By establishing diversified training systems tailored to regional characteristics, the Company effectively enhances its localized operational capabilities. It also supports employees in their continuous growth and collaboration within diverse environments, achieving shared value for both the Company and its employees.

Empowering Career Development

MGI has incorporated employee career development into the strategic priorities of its corporate sustainability management and is committed to building a professional system for talent development and empowerment. The Company has improved its training management system, clarified job competency models and development standards, designed customized growth pathways, and established a clear dual-channel promotion mechanism, providing employees with comprehensive support for capability enhancement and career development.

Talent Development System

The Company has always adhered to the core philosophy of "placing business success at the core and putting people first". It regards the talent development system as a crucial foundation for supporting strategy implementation. The Company has established internal regulations such as the MGI Training Management Procedure, MGI Course Management Regulation, MGI Lecturer Management Regulation, and MGI Job Competency Certification Management Procedure. These regulations enable us to systematically conduct talent assessment and development planning, and design customized growth paths specifically for key backbone employees, high-potential talents, and international talents, while continuously strengthening talent reserves and talent pipeline development for critical positions.

Centered on the distinctive “One Core, Two Drivers, Four Forces” training system, the Company has established a multi-dimensional curriculum matrix covering cultural alignment, professional skills, and leadership development through diversified training models such as blended online-offline learning and scenario-based practical training. These efforts effectively enhance employees’ job competency. In addition, the Company integrates various resources to provide employees with multiple development channels, including on-the-job academic education upgrading, industry academic exchanges, support for professional title applications, and assistance with policy-related benefits. This helps employees achieve personal career growth while deeply integrating into the Company’s development process, working together toward a sustainable future.

Navigation Program	This program is aligned with the Company's strategic development and aims to continuously build a talent pipeline with core competitiveness and the ability to integrate industry, academia, and research. Through thematic seminars and practical assessments, this program selected a total of 39 key talents from multiple fields including R&D, manufacturing, quality, marketing, and functional departments. It systematically enhanced the trainees' ability to execute strategy and their business collaboration mindset.
Voyage Program	For the purpose of strengthening the Company's reserve talent pipeline development, this program focuses on in-depth interpretation of cutting-edge businesses and multi-dimensional cross-analysis, reinforcing reserve talents' systematic understanding of the business. Through structured learning and business workshops, 42 trainees from various departments enhanced their multifaceted business acumen and cross-functional collaboration skills.
R&D Innovation Camp	Guided by the principle of “user value-driven innovation”, the program organized trainees from the R&D sector to engage deeply with frontline business scenarios. Through full-process practical activities such as customer needs research, co-creation of technical solutions, and closed-loop problem-solving, it effectively enhanced R&D personnel's market insight and systematic innovation capabilities.
MGI Star Map Program	For the first time, this program systematically integrated business lines and product resources across the Group. It delivered 11 themed product training sessions for the marketing center in China, with a cumulative total of over 600 participants. This significantly strengthened the marketing team's comprehensive understanding of the Group's overall business layout and product synergies.
Coordinate System Grand Lecture Hall	In 2025, 28 sessions were held, covering topics such as frontiers in life sciences, large AI models, intelligent automation, and advanced materials. This program built an internal knowledge-sharing platform, with a cumulative total of over 1,100 participants. It effectively broadened employees' horizons and supported the development of a learning organization.
AI Fundamentals and Hands-on Practice for All Employees	In active response to technology development trends, more than 20 AI-themed training sessions were organized in 2025, with more than 3,000 participants. These sessions systematically improved employees' AI literacy and tool application capabilities, boosting both individual and organizational effectiveness.

Key Performance

2025

Total number of training hours received by employees **71,982** Hours

Average duration of employee training **32.79** Hours

Total number of training hours received by male employees **40,094** Hours

Total number of training hours received by female employees **31,888** Hours

Total number of employees receiving training **57,127** People

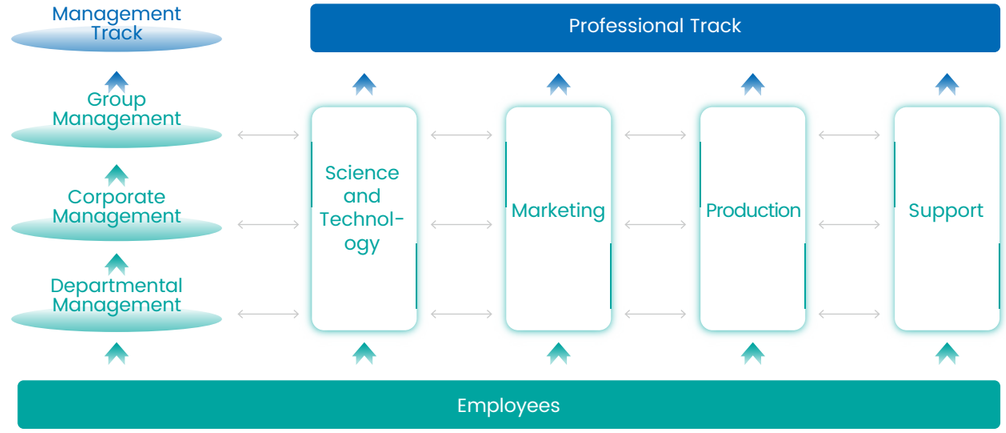
Total number of male employees participating in training **31,820** People

Total number of female employees participating in training **25,307** People

MGI Employee Training Programs

Career Development Path

Centering on its organizational strategy and talent development needs, MGI has established a well-structured career development system. The Company has defined clear job levels and promotion criteria, detailed career development paths and competency requirements, and established an open and transparent promotion mechanism. This helps employees systematically plan their career growth directions. Building on this foundation, the Company has established a "Dual-Channel Development Model" that runs in parallel for management and professional tracks. This model accommodates the differentiated development needs of various talents and supports employees in flexibly choosing their career paths based on their own expertise and professional aspirations. Furthermore, the company has developed and refined a standardized process system covering the entire cycle from application and evaluation to final decision. This system uses quantifiable and assessable performance and contributions as the evaluation benchmark, ensuring a deep alignment between talent development and the organization's strategic needs.



Employee Compensation and Benefits

MGI attaches great importance to employee motivation and protection, and has established a compensation and benefits system with a rational structure, standardized mechanisms, and strong competitiveness. We continuously optimize a compensation mechanism oriented toward value contribution. Through a rich and diverse range of benefits programs and targeted care initiatives, we comprehensively address employees' multifaceted needs in career development, life security, and physical and mental well-being, jointly building a sustainable and harmonious workplace.

Employee Compensation System

Guided by its corporate strategy, MGI has established a scientific, standardized, and dynamically optimized compensation incentive and performance management system. Relying on systematic institutional design, a reasonable compensation structure, and differentiated incentive measures, the Company fully unlocks employees' potential and lays a solid foundation for the continuous growth of talent and the steady development of the enterprise.

Compensation System

Aligning with its corporate development strategy, MGI continuously improves its compensation system. The Company has established internal management regulations such as the Compensation and Performance Management Process and Compensation Management Procedures, thereby constructing a scientific and standardized compensation management system. We simultaneously conduct industry benchmarking and job value assessments. By taking into account the work characteristics and contribution levels of different positions, we have designed a diversified compensation package that includes base salary, position allowances, performance bonuses, and special incentives. This ensures that the compensation system maintains both internal fairness and external competitiveness.

Talent Motivation

MGI has established and continuously improves the multi-tiered, multi-dimensional incentive system, adapting its policy implementation to the specific characteristics of different regions. The Company designs differentiated incentives based on performance outcomes and development potential. Through a variety of incentive methods, we continuously inspire employees' sense of mission and responsibility, fostering an organizational atmosphere in which we pursue excellence.

Furthermore, the Company has systematically established the honor and commendation mechanism, creating a system of honors and awards that covers both team and individual contributions. This includes benchmark awards such as the "MGI Most Valuable Award", "MGI Superstar Pioneer Award", and "Outstanding Project". By organizing events such as our annual awards ceremony, the Company highlights role models within the organization, enhancing our employees' sense of collective honor and their intrinsic motivation to persevere and excel.

MGI Most Valuable Award (team award)	This award aims to recognize outstanding teams that, in the process of driving the implementation of the Company's strategic objectives, create exceptional value in major special projects or critical events through cross-organizational collaboration and forward-looking innovation, thereby achieving strategic breakthroughs of "Blue Ocean Guiding and Red Ocean Revolution".
MGI Superstar Pioneer Award (individual award)	This award is given to outstanding individuals who actively practice the "Three Good" Culture of "Stay Healthy, Study Well and Work Hard" in areas such as R&D, production, marketing, and functional support. Through pioneering work, they provide new ideas and new directions for advancing the Company's strategy and serve as outstanding role models with significant impact.

Employee Honor and Commendation Mechanism

Performance Evaluation and Complaint Mechanism

MGI regards the performance management and complaint system as a key bridge connecting organizational strategy with employee growth. Through the Compensation and Assessment Committee under its Board of Directors, the Company establishes scientific and comprehensive evaluation criteria, and conducts comprehensive evaluations on the heads of business and functional departments. These evaluations cover dimensions such as performance achievement, management capability, and team building. The evaluation results are directly linked to compensation and incentives, thereby effectively driving the management team to create value. Meanwhile, the Company has established a multi-level performance communication mechanism to foster continuous dialogue and collaborative improvement between superiors and subordinates throughout the performance process.

Regular Communication	▪ Department Regular Meetings: Regularly report on progress, synchronize issues, and coordinate resources and planning; ▪ Work Summary: Systematically review completed work, and analyze achievements and areas for improvement; ▪ Quarterly Review: Focus on stage-specific performance, and clarify directions and goals for improvement in the next stage.
Irregular Communication	Provide flexible, immediate communication support for unexpected situations, important decisions, or special topics that arise during work: ▪ Conduct through conversations, thematic discussions, and other forms; ▪ Employees can communicate with their superiors or relevant colleagues at any time, respond to problems in a timely manner, and adjust work strategies.

Performance Communication Mechanism

For the purpose of fully protecting the legitimate rights and interests of employees in performance evaluation, the Company has established a clear complaint process. If an employee has any objection to the evaluation result, he/she may initiate the review procedure within five working days by submitting the Performance Complaint Form. The complaint shall be handled by the supervisor at the next higher level, who will provide preliminary feedback. If the employee still disagrees with the preliminary result, he/she may further file a complaint with the Human Resources Center. The Center shall conduct an independent investigation and issue a final ruling, effectively upholding the fairness of performance management.

Employee Benefits

MGI is committed to building a comprehensive, meticulous, and compassionate employee benefits ecosystem. While ensuring full compliance with legal requirements for basic protections, we continuously develop a multi-dimensional benefits network that covers health promotion, life support, special care, and the integration of culture, sports, and recreation. We also implement targeted support measures for different groups, such as female employees and overseas teams, to enhance employees' sense of belonging and organizational cohesion.

Establishing a Sound Benefits System

MGI strictly complies with the laws and regulations of the countries and regions where it operates, and actively builds a comprehensive, caring, and sustainable welfare and benefits system. We fully implement employees' vacation rights and the Company's social security payment obligations, and actively add commercial insurance for employees in specific positions, building a strong line of defense for employees' basic rights and benefits. Additionally, the Company expands its benefit coverage across multiple dimensions, including health management, life support, and special assistance for those facing difficulties. We continuously optimize the employee experience, fostering common growth and shared development for both the Company and its employees.

Holidays and Comprehensive Security

The Company offers diversified leave types, including full-paid sick leave, family visit leave, and parental leave. It also provides employees with comprehensive subsidies for transportation, communication, meals, and team-building activities, along with full-spectrum life support such as shuttle buses, apartments, cafeterias, psychological counseling, mother-and-baby rooms, and an internal employee welfare mall.

Supplementary Commercial Insurance

In addition to statutory social security, the Company purchases group commercial insurance covering accidents and critical illnesses for domestic employees, and provides overseas business travel insurance for employees on overseas assignments, building a comprehensive, multi-tiered safety net.

Health Promotion Initiative

The Company implements the "Employee Health Companion Initiative", offering free or discounted personalized health management, annual full-staff medical check-ups, non-invasive prenatal testing, and other services. It also organizes enriching activities such as health festivals, fitness classes, and scientific research experiences, complemented by facilities like gymnasiums.

Employee Care and Critical Illness Assistance

The Company has instituted a normalized mechanism for employee care and a "Hardship Assistance Fund" for the purpose of extending timely aid to employees who encounter critical diseases or severe family adversity.

Special Benefits from the Trade Union

The Trade Union provides a series of employee care grants and gifts for occasions such as birthdays, marriage and childbirth, illness and hospitalization, and bereavement for immediate family members, conveying the Company's care during these important moments.

Employee Benefits System

Care for Special Groups

The Company adheres to the philosophy of putting people first. It is committed to building a comprehensive, inclusive, and caring support system in the workplace. We pay special attention to the diverse needs of different groups. By combining robust logistical support, convenient facilities and supporting services, and ongoing humanistic care, we strive to create an equitable, respectful, and welcoming work environment where every employee feels a true sense of belonging.

Logistics Support

In addition to providing a varied selection of daily menu options, the Company's cafeteria has established a dedicated Halal station. This is to ensure that the dining requirements of employees who observe specific dietary norms are afforded full respect and are fully satisfied.

Facilities and Supporting Services

The workplace is fully equipped with accessible pathways and restrooms. It also features a variety of functional spaces, such as recreation rooms and quiet rooms, to provide employees with equal and convenient support for both work and activities.

Life Support

The Company regularly conducts employee care initiatives and has established a dedicated hardship assistance fund. We provide timely financial aid and emotional support to employees facing major illnesses or special family difficulties, helping them get through tough times.

Special Group Care Measures

Diverse Cultural and Sports Activities

MGI focuses on fostering a healthy, positive, and vibrant cultural atmosphere and advocates for a healthy lifestyle. The Company actively organizes a wide variety of physical exercise programs, including outdoor hiking, running training, yoga, jump rope, and various ball sports. These activities help employees relieve stress and strengthen their physical fitness through exercise. In addition, the Company has established cross-departmental interaction and communication platforms. Through collective events such as the MGI Sports Meet, the 99 Health Festival, and the Company's anniversary celebrations, it further enhances team cohesion and promotes the development of a harmonious, united, and progressive organizational culture.

Support for Women's Development

The Company attaches great importance to the development of female employees, continuously strengthens the concept of gender equality, and actively builds a workplace culture that is conducive to women's growth. We have systematically taken supportive measures and continuously invest in areas such as fair promotion, women's health, supporting facilities, and special benefits. This comprehensively ensure that female employees achieve a balanced development between work and life.

Equal Assurance for Career Development

Provide fair promotion channels and career empowerment opportunities for female employees, and support the growth of female talents.

Exclusive Holiday and Care Activities

Arrange holidays and organize celebratory activities, public welfare screenings, handicraft workshops, and other events during Women's Day to convey respect and care for female employees.

Health Knowledge Popularization

Regularly conduct lectures and educational activities on women's health topics to disseminate health knowledge and enhance female employees' awareness and ability in self-healthcare.

Special Benefits from the Trade Union

Distribute subsidies such as maternal nutrition allowances through the labor union to continuously care for the physical and mental health of female employees.

Reproductive Health and Care Support

Offer paid maternity leave, breastfeeding leave, and various other types of leave beyond statutory requirements. Set up well-equipped mother-and-baby rooms to help female employees balance work and parenting responsibilities.

Regular Health Check-ups

Include cervical cancer and breast cancer screenings in the annual company-wide medical examinations to support female employees in early disease prevention and health management.

Gender-Friendly Facility Configuration

Equip the workplace with mother-and-baby rooms and provide free menstrual hygiene products in restrooms, continuously improving working and sanitary conditions for female employees.

Anti-sexual Harassment Policies

Strictly enforce anti-sexual harassment policies and prohibit any form of sexual harassment.

Support System for Women's Development

Benefits for Overseas Employees

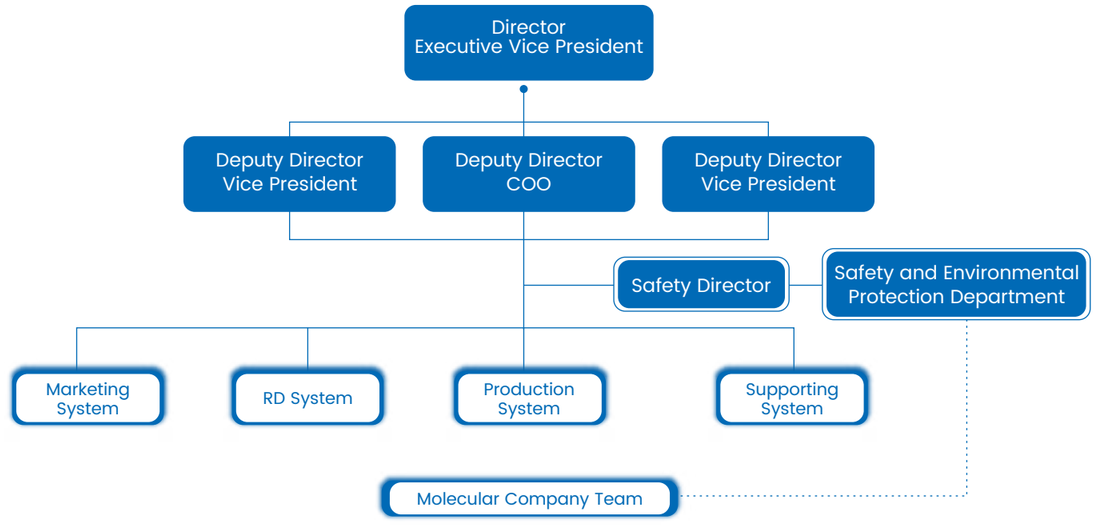
MGI coordinates and advances global team collaboration and cultural integration. It always adheres to the philosophy of respecting diverse cultures and embracing different backgrounds. And it continuously improves cross-cultural communication efficiency and team collaboration capabilities. To meet the needs of its overseas employees, the Company organizes a variety of diverse and localized activities, such as family day team-building events and traditional holiday celebrations. It also implements unique care initiatives tailored to regional cultural characteristics, continuously enhancing overseas employees' sense of belonging and organizational cohesion.

Occupational Health and Safety

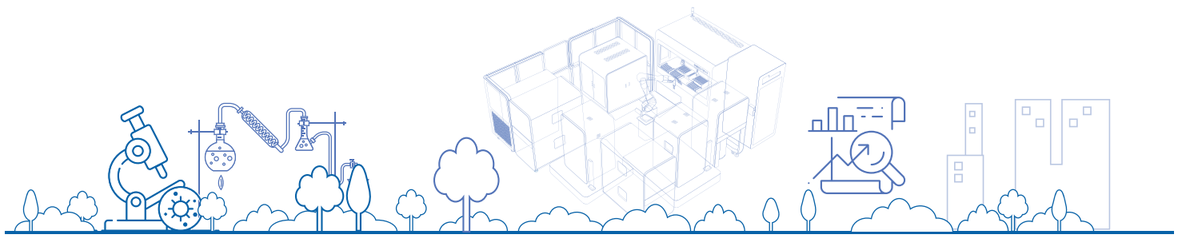
The health and safety of employees is the core red line for MGI's sustainable development. Through systematic risk assessments, rigorous process controls, and continuous development of safety culture, we strive to build a strong line of defense for zero accidents and zero injuries, thereby creating a safe, healthy, and trustworthy working environment for all our employees.

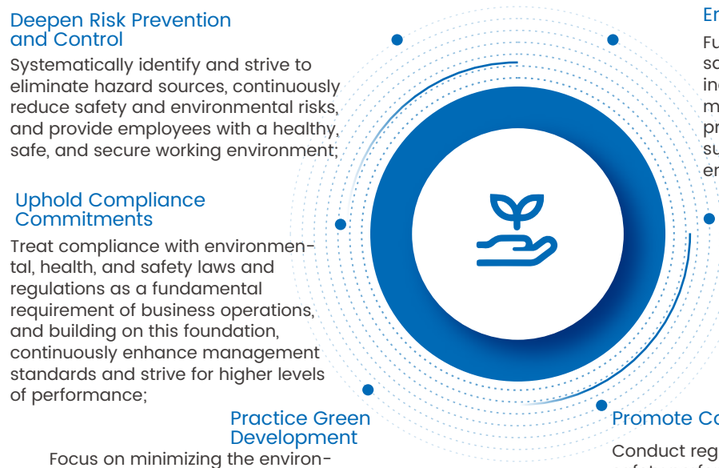
Management System

For the purpose of building a strong line of defense for occupational health and safety, MGI has established and improved its top-level design and governance mechanisms. The Company strictly complies with laws and regulations such as the Work Safety Law of the People's Republic of China, and the Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases, and has developed a comprehensive occupational health and safety management system based on internal regulations including the Management Procedure for the EHS Committee and the EHS Target Management Procedure. The Company has established the EHS Management Committee, which is coordinated by the Executive Vice President, co-led by the COO and relevant Vice Presidents, and specifically executed and supervised by the Director of Safety and the Safety and Environmental Protection Department. This has created a governance architecture covering the full business process, including R&D, production, marketing, support, and subsidiary companies, continuously promoting the comprehensive implementation of risk control and safety training.



Occupational Health and Safety Governance Architecture





Deepen Risk Prevention and Control

Systematically identify and strive to eliminate hazard sources, continuously reduce safety and environmental risks, and provide employees with a healthy, safe, and secure working environment;

Uphold Compliance Commitments

Treat compliance with environmental, health, and safety laws and regulations as a fundamental requirement of business operations, and building on this foundation, continuously enhance management standards and strive for higher levels of performance;

Practice Green Development

Focus on minimizing the environmental impact of production and operations, proactively prevent pollution, promote resource conservation and recycling, and reduce the consumption of natural resources;

Embed Full-Chain Management

Fully integrate eco-friendly design and safety standards across all stages—including product research and development, supply chain collaboration, and production operations—to achieve sustainable management throughout the entire business chain.

Foster Employee Participation

Establish and maintain open channels for employee feedback, solicit opinions broadly, and continuously optimize the environmental, health, and safety management system along and its performance effectiveness;

Promote Continuous Improvement

Conduct regular environmental, health, and safety performance evaluations, and achieve ongoing enhancement of management levels through systematic review and dynamic adjustment.

MGI EHS Policy

In 2025, guided by the core objective of "Zero Accidents, Zero Injuries, and Zero Violations", the Company established multiple occupational health and safety performance indicators. Throughout the year, it fully implemented relevant control measures, ensuring all targets were successfully met. Looking ahead, while maintaining the 100% achievement of all key indicators, the Company will further focus on managing high-risk operational procedures, developing the employee mental health support system, and upgrading digital capabilities for EHS management, thereby driving the continuous optimization of the occupational health and safety management system.

The Company has obtained the ISO 45001:2018 occupational health and safety management system certification, covering major operating sites in Shenzhen.

Occupational Health and Safety Targets

In 2025, the Company:

- had no EHS accidents classified as Class III or above;
- achieved a **100%** compliance rate for rectifying hidden dangers within a specified period of time;
- achieved a **100%** compliance rate in terms of adhering to the "three simultaneous" principle in construction projects;
- reached a coverage rate of **100%** in terms of occupational health examinations;
- reached a completion rate of 100% in terms of implementing the emergency drill plan;
- achieved a **100%** compliance rate for safety management for related party operations;
- reached a pass rate of **100%** in terms of EHS training for new employees joining the Company.

Risk Identification and Assessment

The Company has formulated and strictly adheres to the Hazard Identification, Risk Assessment and Control Procedure, ensuring that systematic and comprehensive occupational health and safety risk assessments are conducted annually across all workplaces. Through employee participation, on-site inspections, and job analysis, we comprehensively identify potential hazards. Using a unified methodology, risks are scientifically classified and prioritized, with focused controls implemented for high-risk positions and operational processes. In response to identified risks, the Company adopts a multi-dimensional approach that integrates engineering controls, management optimization, personal protective equipment, and emergency preparedness. The EHS digital platform is used to enable closed-loop tracking of measure implementation and rectification effectiveness.

For the purpose of enhancing its capabilities to conduct smart and granular management in occupational health and safety, the Company has established an integrated digital occupational health and safety management platform. The platform integrates core functional modules, including basic safety information management, hazard investigation and governance, accident risk database, work permit management, and a library of laws, regulations and standards. It supports centralized storage, dynamic updating, and visual presentation of management information. By leveraging this integrated system, the Company has effectively improved the efficiency of risk identification, assessment, and response, promoted the standardization and automation of management processes, and enabled precise identification of management priorities while optimizing the allocation of safety resources.

Safeguard Measures

The Company has established and continuously improves a comprehensive full-process management system covering "pre-event prevention, concurrent control, and post-event handling". Through robust institutional standards, routine training and drills, and in-depth safety culture development, we continuously enhance the effectiveness of safety management, laying a solid foundation for achieving the goal of "zero accidents and zero occupational diseases".

Pre-Event Prevention

The Company manages risks at the source by equipping engineering protection facilities such as ventilation systems and eye washers, distributing Personal Protective Equipment (PPE) based on job positions, posting safety signs, and conducting regular inspections. Additionally, the Company organizes occupational health examinations for all employees and establishes health records to enable the early management of health risks. Furthermore, through activities such as "Safety Production Month", "Fire Safety Month", and safety knowledge competitions, the Company continuously fosters a safety culture that encourages participation from all employees.

Concurrent Control

The Company has established and continuously improves the Emergency Preparedness and Response Control Procedure. It regularly organizes multi-scenario emergency drills covering fire, mechanical injury, and other situations to enhance employees' emergency response capabilities. All new employees and on-duty personnel are required to receive EHS and job-specific safety training, ensuring 100% coverage.

Post-Event Handling

In accordance with the EHS Accident Investigation and Handling Management Procedure, the Company standardizes the processes for accident reporting, investigation, and corrective actions. In the event of a work-related injury, the Company shall immediately activate medical assistance and physical/psychological support, and assist the employee in completing work injury recognition and insurance claims, ensuring that the employee's rights and interests are fully protected.

Occupational Health and Safety Assurance System

Key Performance

2025

Number of newly added employees suffering from occupational diseases **0** People

Number of employees died in service **0** People

Safety production investment **104.69** 10,000 yuan

Number of training sessions related to employee occupational health **7** Sessions

Conduct elevator safety drills

Conduct chemical leak simulation exercises

Conduct emergency drills for confined space accidents

Fulfilling Social Responsibility

MGI deeply integrates the fulfillment of its social responsibilities into its corporate strategy and practices, continuously empowering public health through scientific and technological innovation, and helping to ensure equitable and accessible medical resources. We take educational and science-popularization collaboration as the bond, actively cultivate future scientific and technological talents, and are committed to transforming cutting-edge technologies into concrete actions that benefit people's livelihoods, protect the ecosystem, and promote development.

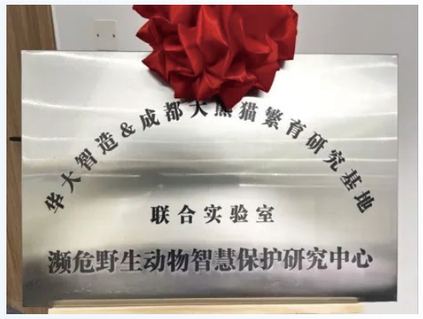
Empowering Public Health Through Technology

At the core of the Company's actions is a commitment to "benefiting humanity". We continuously transform cutting-edge technologies into practical forces that deliver inclusive public health solutions for all. Relying on our independent innovation capabilities and iterative upgrading of products, we continuously improve detection efficiency and data quality, laying a solid technological foundation for precision medicine and disease prevention, and helping to realize the vision of the "era of genomics for all". Furthermore, we are dedicated to breaking down geographical barriers to medical resources. Through technology outreach and public welfare initiatives, we extend high-quality medical services to a broader population, demonstrating the principle of "technology for good" through concrete actions.

Case

Technology Guards Life — MGI Empowers Giant Panda Conservation into a New Era of Intelligence

In September 2025, MGI actively partnered with the Chengdu Research Base of Giant Panda Breeding to jointly launch a virtual panda IP named "JoJo". Furthermore, by jointly establishing "Endangered Wildlife Smart Conservation Research Center", the partnership has further enhanced its research capabilities in key areas such as giant panda genomics and disease prevention and control.



In terms of technological empowerment, MGI delivered its T1+ gene sequencer, featuring ultra-high throughput and rapid sequencing capabilities, to the Base. It also established the "Smart Lab" digital platform, which integrates functions for sample management, environmental monitoring, and data analysis. This platform integrates the Laboratory Information Management System (LIMS), automated transport equipment, and high-performance data servers. It achieves standardized, automated, and information-based management of research workflows, significantly enhancing the efficiency and accuracy of genetic research and health monitoring for endangered species.

This collaboration not only propels giant panda conservation efforts towards a more intelligent and systematic direction but also provides a demonstrative practical case for the application of life sciences technology in wildlife conservation and sustainable biodiversity management. It highlights the positive value of technological innovation in the fields of public welfare and ecological conservation.

Case

Technology Helps Grassroots: Remote Ultrasound Robot Enables Precision Medicine at the County Level

In June 2025, MGI, in collaboration with Yantian District of Shenzhen, donated a remote ultrasound robot valued at approximately RMB 2.99 million to the People's Hospital of Lingyun County in the Guangxi Zhuang Autonomous Region, enabling penetration of premium healthcare resources to lower-tiered locations. Since its deployment, the device has cumulatively performed over 24,000 examinations, covering more than 114,000 anatomical sites. This has effectively enhanced the diagnostic imaging capabilities of the local medical institution for common and frequently-occurring diseases. Through remote operation and guidance, this technology provides residents in remote areas with more accessible and more precise medical services, truly demonstrating the value of science and technology in promoting equity in public health.

Technology Benefits People's Livelihood — Mobile Screening Empowers Early Diagnosis and Early Treatment of Cancer at the Grassroots Level

In August 2025, during the public welfare medical initiative "Hometown Voices, Hometown Folks, Hometown Journey" organized by Jiangsu Cancer Hospital and Jiangsu Cancer Center, MGI's 5G ultrasound robot mobile vehicle, breast cancer screening van, and handheld ultrasound devices reached Jiangyan District, Taizhou City, providing local residents with cancer screening services. During the event, more than 500 residents received free medical consultations and science popularization education. Among them, over 170 people received specialized examinations such as breast ultrasound, remote ultrasound, thyroid ultrasound, and CT scans. By delivering mobile and intelligent detection technologies directly to communities, this initiative effectively improved the accessibility and efficiency of early tumor screening at the grassroots level, providing technological support for reducing the regional cancer burden.

Technology Bridges Mountains and Seas — MGI's Handheld Ultrasound Device Empowers Collaborative East-West Medical Diagnosis

In August 2025, during the medical assistance free clinic conducted by Jiangsu Cancer Hospital in Pingtang County, Guizhou Province, MGI's intelligent handheld ultrasound EF6-CL served as the core device and showcased its efficient and convenient technical capabilities. The device features dual-probe synergy and high-precision imaging, covering most examination sites on the body. Its lightweight design and wireless functionality make it particularly well-suited for grassroots-level mobile diagnosis and treatment settings. During the free clinic, specialists from Jiangsu Province used the device's built-in remote consultation system to connect in real time with the supporting hospital back in Jiangsu Province. Together, they completed examinations and diagnoses for local patients on sites including the thyroid and breast, achieving real-time cross-regional sharing of high-quality medical resources.

Deepening Cooperation in Education and Science Popularization

MGI regards advancing the popularization of science and technology education as an important component of fulfilling its corporate social responsibility. The Company actively establishes partnerships with leading global universities, international organizations, and skills development platforms, dedicated to transforming cutting-edge life science technologies into accessible educational resources. We continuously explore diverse models of science popularization education to spark scientific interest among the younger generation and inject new vitality into the sustainable development of the life science and technology field.

Case

"Charting the Future with MGI Smart Devices" – Climate Awareness Practice Activity

In August 2025, MGI and BGI College, in collaboration with the United Nations Educational, Scientific and Cultural Organization (UNESCO) and the Institute of Climate Change and Sustainable Development at Tsinghua University, jointly organized the "Charting the Future with MGI Smart Devices" – Climate Awareness Practice Activity. The event innovatively adopted a "theory combined with practice" model, systematically demonstrating to students from Tsinghua University and Shenzhen Zhili Middle School the applications of life science and technology tools in precise carbon emission monitoring and ecological conservation. As a key initiative of MGI in the field of sustainable development education, the event was featured in a special report on the official UNESCO website. This not only highlights its influence in global educational innovation but also provides young students with valuable opportunities to engage with cutting-edge technologies and understand the value of science and technology in addressing global challenges.

Case

Empowering Vocational Skills Development — MGI Provides Technical Support for the BRICS Competition

In April 2025, during the 2024–2025 Belt & Road and BRICS Competition of Skills Development and Technology Innovation, MGI served as a key supporting organization. It supplied advanced sequencing platforms and comprehensive technical support for the inaugural Vocational Skills Competition in Bioproducts Inspection Technology. The Competition drew 53 students from 32 colleges and universities to compete on the same arena, successfully integrating the scientific research logic, industrial applications, and teaching practices associated with gene sequencing instruments. Through a model of "promoting learning and practice through competition", the Company effectively fosters the cultivation of highly skilled and innovative talent in the biotechnology sector, contributing its technological expertise to vocational skill development and educational cooperation under the BRICS framework.

Guardian of Our Environment

MGI Tech incorporates green development into its corporate strategy and everyday operations. By assessing climate risks and opportunities, developing low-carbon and eco-friendly products, prioritizing biodiversity conservation, optimizing resource usage, minimizing waste, and implementing green operations, MGI actively shoulders its environmental responsibilities. These efforts propel sustainable development and foster a harmonious relationship between humanity and nature.

Future Plan

- Carry out carbon peak path planning by 2025 and achieve carbon neutrality by 2060.
- Overall production energy consumption is reduced by **10%** year on year.
- Pollution sources such as wastewater, waste gases, noise, and waste discharge are below the local emission standards.

This chapter responds to SDGs

Environmental Management

MGI Tech regards environmental compliance and risk control as the core cornerstone of sustainable operation. It strictly follows the Environmental Protection Law of the People's Republic of China and relevant environmental regulations in its operating regions, and has put in place high standard environmental management systems such as the EHS Management Manual, the Environmental Factor Identification, Assessment and Control Management Procedure, the EHS Monitoring and Measurement Management Procedure, the Emergency Preparedness and Response Control Procedure, the EHS Accident Investigation and Handling Management Procedure, and the Environmental Sustainability Management Process. In 2025, the Company further dynamically optimized its environmental management system, with a focus on refining the Emergency Preparedness and Response Control Procedure, strengthening multi-scenario and cross-regional environmental risk response capabilities, and enhancing the agility and effectiveness in addressing sudden environmental incidents.

For the purpose of building a strong line of defense for environmental protection, we established the EHS Management Committee chaired by the Executive Vice President to coordinate EHS strategy formulation and major risk decision-making. At the execution level, the Safety and Environmental Protection Department, led by the Safety Director, is responsible for the day-to-day supervision and implementation of the EHS system. Its responsibilities cover all business modules—including the marketing system, R&D system, production system, and support system—and extend to the teams of all subsidiaries and affiliated companies, ensuring the effective dissemination of EHS requirements across the entire Company.

We are committed to reducing energy consumption and environmental pollution through scientific management practices while strictly adhering to the "three simultaneous" principle of environmental protection to ensure the pollution control capabilities of projects, the level of environmental risk management, and the coordinated development of project construction and operations. Accordingly, we have clearly defined our EHS policy as "People-oriented, Compliance Advancement, Eco-friendly, Prevention at the Source, Employee Participation, Continuous Optimization" and make the following commitments:

People-oriented

By striving to eliminate hazard sources and reduce EHS-related risks, ensure employees work in an environment where their safety and health are protected.

Prevention at the Source

From product development through the supply chain and production processes, integrate designs that comply with environmental protection and safety principles into all aspects of the business.

Compliance Advancement

As one of the basic requirements of business operations, comply with EHS compliance obligations and even strive to achieve higher standards.

Employee Participation

Collect employee feedback and use it to continuously improve the EHS management system and performance.

Eco-Friendly

Minimize environmental impact, prevent pollution, and limit the depletion of natural resources.

Continuous optimization

Evaluate EHS efforts and continuously improve performance.

EHS Policy Commitment

Environmental Protection and Safety Audit Activities

Fire Emergency Drill

Environmental Protection and Safety Training

Safety Production Month Activity

We attach great importance to establishing and maintaining an environmental management system, conducting certification of the evaluation system to ensure the effectiveness of environmental management. We also monitor environmental risk points in production and operations, identify and assess potential environmental impacts, and regularly engage third-party organizations with CMA qualifications to perform independent testing and audits. In addition, we enhance employees' awareness and capabilities in environmental risk prevention through environmental protection training. In 2025, the Company demonstrated strong performance in environmental protection inspections conducted under the "Two Randoms and One Release" policy (which refers to the oversight combining randomly selected inspectors who inspect randomly selected entities and the prompt release of results) and in the industrial park's environmental performance evaluation. As a result, it was not listed as an environmental risk entity and received positive feedback from the competent authorities.

Key Performance

Investment in environmental protection **229.54** 10,000 yuan

2025

Government Compliance Collaboration

Subsidiaries in Shenzhen, Wuhan, Qingdao, and other locations actively cooperated with joint inspections organized by ecological environment authorities at all levels. Multiple inspections were jointly conducted by environmental experts externally engaged by the Ecology and Environment Bureau or in collaboration with media, with a primary focus on verifying compliance in the management of exhaust gas, wastewater, and hazardous waste. No violations or non-compliance issues were identified.

Management System Certification

All three major production bases in Shenzhen, Wuhan, and Qingdao have achieved ISO 14001:2015 certification for their environmental management systems. We foster standardized environmental management by implementing a standardized management framework, continually enhancing environmental governance efficiency.

Prevention and Control of Environmental Risks

Based on the Risk Assessment Report on Sudden Environmental Incidents, the Company's environmental risk level is classified as "Ordinary" [Ordinary – Atmospheric (Q0) + Ordinary – Water (Q0)], with overall risks being controllable. The Company has implemented an EHS digital management system to systematically identify, assess, and control environmental compliance risks, while ensuring closed-loop follow-up on environmental hazard identification, screening, and rectification. The Company regularly organizes and coordinates emergency drills to test its response and coordination capabilities in handling sudden environmental incidents.

Third-Party Testing and Auditing

The Company commissions a third-party testing agency with CMA (China Metrology Accreditation) qualification to regularly conduct environmental monitoring on factory boundary noise, wastewater discharge outlets, waste gas emission outlets, and similar items (at least once per year). All test results in 2025 complied with applicable national and local standards.

EHS Culture Development

Conduct diversified EHS compliance training on a monthly basis: The content covers modules such as the interpretation of the EHS system; management of the "Three Simultaneities" principle (which requires that pollution control facilities be designed, built, and operated concurrently with the main project); hazardous waste disposal; and local jurisdictional compliance.

Push bilingual environmental protection publicity content every month: Through the WeChat account, email, and bulletin boards of the Company, deliver EHS tips including updates on environmental policies, and hazardous waste classification guidelines, fostering a corporate culture of "everyone understands environmental protection and every action complies with regulations".

Addressing Climate Change

MGI attaches great importance to the issue of climate change and is continuously deepening its strategic deployment of climate action. The Company has integrated climate change response as a cornerstone of its sustainable development strategy and is steadily advancing the implementation of related work.

Relying on its existing EHS (Environment, Health, and Safety) management system, the Company continues to deepen the development of its climate governance framework. It is steadily advancing in key areas such as governance system optimization, climate risk management, and low-carbon operational practices, gradually establishing a scientific and systematic climate management system to support long-term sustainable development.

Climate-related Governance

The Company continuously improves its climate-related governance structure. In 2025, it continued to advance the development of research and management mechanisms for climate-related issues to ensure the systematic and effective management of climate risks and opportunities.

Management Structure

Relying on its established the ESG Committee on Strategy and Sustainable Development, the Company continuously explores the climate change management mechanism to further clarify governance functions, division of responsibilities, and cross-departmental collaboration models. This aims to effectively align climate issues with the Company's overall business operation.

Supervision and Decision-making Mechanism

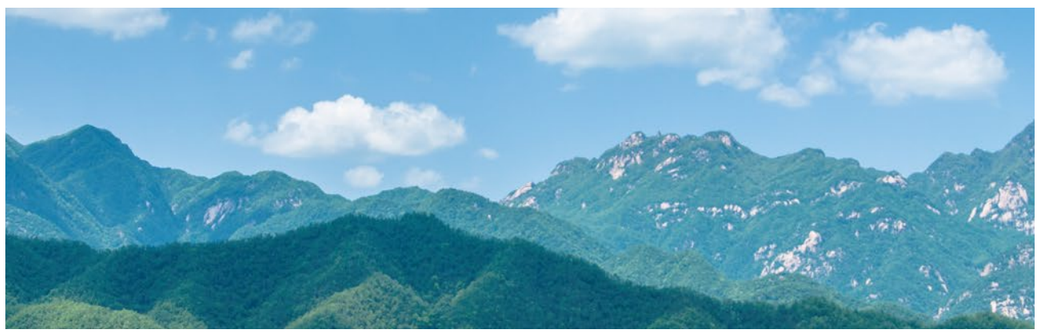
With the ESG Committee on Strategy and Sustainable Development at its core, and based on industry practice, the Company is exploring the path to systematically incorporate climate risks into its risk management framework, while assessing the feasibility of establishing a senior management mechanism (such as a climate-related working group or committee).

Data Management and Information Acquisition

The Company is steadily advancing the development of a climate-related data monitoring and management mechanism, aiming to enhance the transparency and comparability of climate data. This will provide valuable support for future management decision-making.

Climate-related Risk and Opportunity Management

The Company actively draws upon the TCFD framework. It is systematically reviewing the potential risks and opportunities arising from climate change, and assessing their impact on operations, supply chains, and markets in light of its business characteristics, with the goal of developing adaptive management strategies. It strives to transform climate challenges into strategic opportunities that drive sustainable business growth.



Climate-related Risks

	Categories	Potential Impact of Risks	Countermeasures
Physical Risk	Acute	1. Extreme weather events like floods and typhoons pose threats to the stability of the supply chain, making it challenging to ensure the stable supply of products and services. 2. Extreme high temperatures lead to the cessation of operations for sensitive equipment (e.g., sequencers, sample processing systems) in production facilities and laboratories, thereby impacting order delivery and customer service. 3. Incidents like wildfires and rising sea levels compromise research and development (R&D) and sampling sites located in coastal and ecologically sensitive regions, impeding the advancement of biodiversity research initiatives.	1. Build a "multi-base collaboration + flexible inventory" supply chain system 2. Upgrade the heat resistance of production equipment and laboratory environment control system, and develop emergency plans for extreme weather conditions 3. Purchase climate-related property insurance for high-risk regional bases and strengthen business continuity plans
	Chronic	1. Climate change harms employee health, triggers sub-health issues, lowers overall labor force levels, and has a negative impact on technical research and development and production efficiency 2. The global scarcity of water resources poses a challenge to water availability for laboratory sample processing and experiments, leading to a decrease in R&D efficiency	1. Improve the employee health management system, carry out health check-ups and sub-health intervention activities, and provide a healthy office environment, for the purpose of reducing the negative impact of climate on employee health and production efficiency 2. Promote the construction of laboratory water resource recycling system and optimize water use technology
Transition Risk	Policy and regulation	1. Regulations such as the EU's CSDDD (Corporate Sustainability Due Diligence Directive) require the disclosure of carbon emissions across the supply chain, thereby increasing compliance costs 2. Under China's domestic "Dual Carbon" policy (carbon peaking and carbon neutrality), the carbon quota trading system and emission reduction targets impose higher requirements on production and operations	Establish a policy tracking mechanism, optimize the compliance management system, proactively respond to carbon emission control and climate disclosure requirements, and ensure that operations comply with policy orientation
	Market	Market preferences are gradually shifting towards low-carbon products, potentially resulting in decreased sales of medical equipment.	Increase investment in low-carbon product research and development, promote technological iteration and upgrading, develop medical equipment that meets market low-carbon preferences, and enhance product market competitiveness
	Technology	1. Outdated energy efficiency of existing production equipment leads to rising operating costs 2. Energy price fluctuations affect production and laboratory operating costs, weakening profitability	Make the layout of energy technology innovation, introduce energy-saving equipment and digital management tools, reduce energy consumption in the production process, and cope with cost pressure caused by technological backwardness
	Reputation	1. Downgraded by ESG rating agencies for insufficient climate action, eroding investor and customer trust 2. Failure to respond to industry low-carbon initiatives, leading to exclusion from green procurement lists	1. Incorporate environmental protection concepts into the full life cycle of products, strengthen communication with stakeholders, proactively disclose progress on climate actions, and enhance ESG communication with investors and clients 2. Join global climate initiative organizations (such as SBTi) to enhance the Company's climate leadership in the industry

Climate-related Opportunities

Opportunity Category	Potential Impact of Opportunities	Measures to Address Opportunities
Resource efficiency	1. Improve resource utilization efficiency, and reduce production and operation costs 2. Reduce waste emissions and lower compliance costs	1. Enhance water resource utilization efficiency by employing recycled water systems 2. Utilize renewable materials 3. Use effective transportation modes 4. Streamline production and distribution processes 5. Optimize inventory management and reduce idle resources
Energy sources	1. Optimize energy structure, and reduce energy consumption costs 2. Stabilize energy supply and avoid price fluctuation risks	1. Establish plans for energy conservation and emission reduction 2. Engage in carbon trading markets 3. Expand the proportion of clean energy usage
Products and services	1. Develop low-carbon products that align with the carbon peaking and carbon neutrality goals, and reap the dividends of low-carbon development 2. Enhance product competitiveness and expand green customers	1. Exploit opportunities in the low-carbon product market, and accelerate the commercialization and implementation of low-carbon technologies 2. Carry out product carbon footprint accounting disclosure 3. Launch low-carbon laboratory solutions
Market	1. Meet the green demands of the market, and create new opportunities for business growth and profitability 2. Lead the industry towards low-carbon standards, and enhance discourse power	1. Embrace government green incentive policies 2. Deepen school-enterprise collaborative innovation 3. Promote the green upgrading of the supply chain 4. Lead the development of low-carbon technology standards
Adaptability	Enhance the resilience of the Company to climate risks, and ensure operational stability	Advance the diversified layout of energy and resources, formulate climate resilience emergency response plans, and enhance the adaptive capacity of resource portfolios

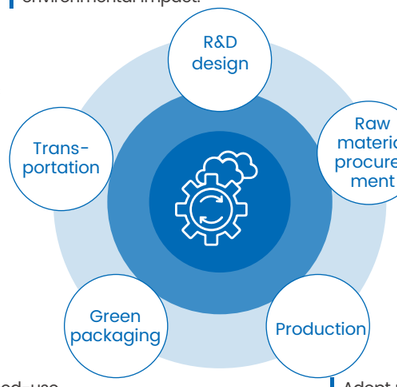
Low-carbon Operation and Climate Adaptability

Based on climate risk and opportunity assessment, the Company is progressively refining its management strategies for core business processes and exploring low-carbon operational pathways tailored to its business model.

Following an initial qualitative assessment of the risks and opportunities presented by climate change, the Company has systematically refined and enhanced its response strategies across core areas such as RD design, raw material procurement, production & manufacturing, green packaging, and transportation. This effort aims to effectively mitigate risks, capitalize on low-carbon opportunities, and comprehensively enhance the climate resilience and sustainable development capabilities of the Company.

Develop low-energy sequencers and biodegradable reagent packaging to reduce the carbon footprint of the entire product lifecycle from the source; strictly comply with environmental protection regulations, prohibit the use of hazardous substances, and minimize resource waste and environmental impact.

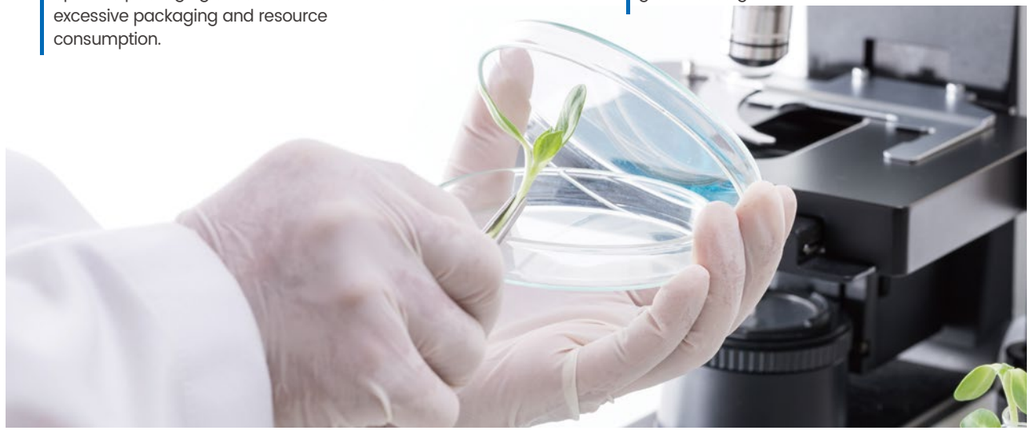
Focusing on the low-carbon goal of cold chain transportation, the Company is driving innovation. In China's domestic less-than-truckload cold chain sector, we utilize circular insulated boxes for all packaging, maintaining temperature control from start to finish.



While ensuring product quality and meeting customer needs, increase the procurement ratio of environmentally friendly materials (such as bio-based packaging and recyclable chip carriers); promote the green transformation of suppliers and give priority to partners with environmental management system certification.

Promote lightweight and reduced-use design of packaging materials, and prioritize the use of recyclable and degradable packaging materials; and optimize packaging structures to minimize excessive packaging and resource consumption.

Adopt new processes, materials, and energy-saving production equipment, and optimize the production process to reduce energy consumption per unit of output and greenhouse gas emissions.



Greenhouse Gas Emission Management and Goal-setting

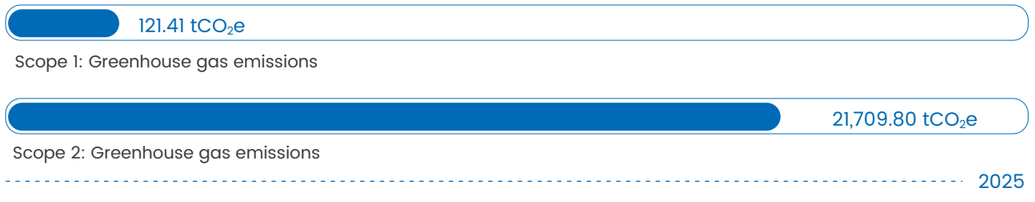
For the purpose of accurately measuring and managing environmental performance, MGI has adopted quantified greenhouse gas emission data as a core management indicator. The Company is steadily advancing the development of its greenhouse gas emission accounting and management system, laying a solid foundation for scientifically setting carbon management targets and continuously reducing the environmental impact of its operations.

Carbon emission data management

The Company is systematically conducting the collation and accounting of the data for Scope 1 (direct emissions) and Scope 2 (indirect emissions related to electricity purchase). Concurrently, it is studying the applicability and implementation pathways for Scope 3 (supply chain and product full life cycle emissions) accounting. The objective is to establish a carbon data management system covering the entire value chain, providing reliable data support for carbon management decision-making.

Goal-setting plan

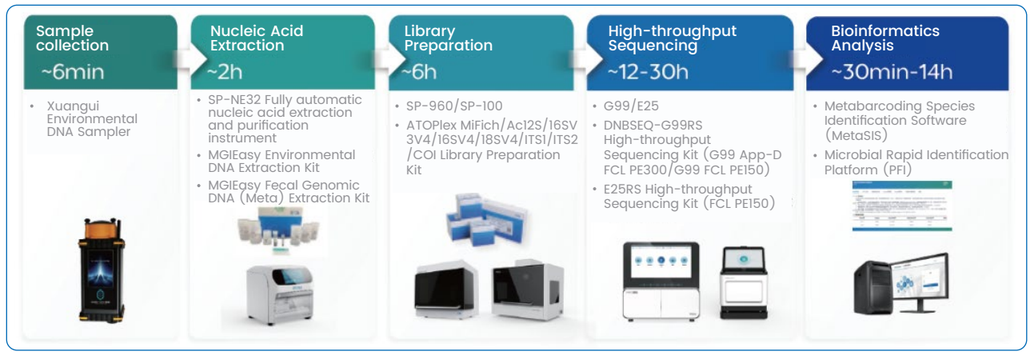
Following the finalization of the calculation of its greenhouse gas emissions baseline, the Company will assess and set its carbon management goals for the short-term (2030), mid-term (2040), and long-term (2050). These goals will be set in light of the Company's business development plans and industry trends. Furthermore, the Company will specify carbon emission reduction pathways and implementation plans to guarantee that the goals are both scientifically sound and viable.



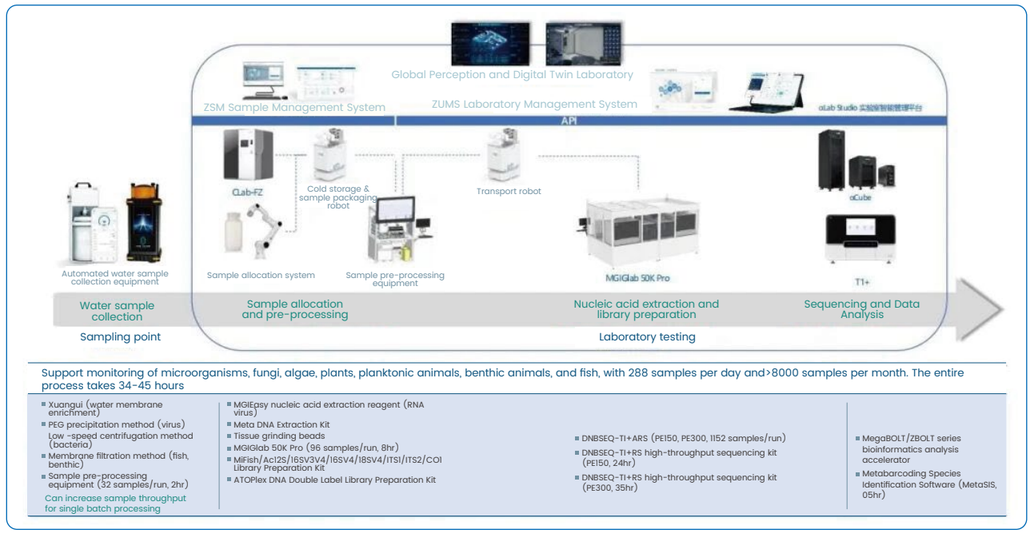
Key Monitoring Indicator: Greenhouse Gas Emissions

Biodiversity Conservation

MGI leverages genetic technology to empower biodiversity conservation, remaining deeply committed to the innovation and application of environmental DNA (eDNA) technologies. The Company's eDNA metabarcoding sequencing combination products cover the entire workflow, from sampling to reporting. They enable rapid and accurate analysis of biotic community structures in environmental samples, providing a key technological foundation for ecological environment monitoring and biodiversity research. In 2025, for the purpose of ensuring the reliability and reproducibility of eDNA research, the Company provided specialized equipment ranging from environmental sample collection and pre-processing to laboratory automation, along with a one-stop intelligent laboratory solution — the eDNA Intelligent Monitoring Automation Laboratory Solution. Concurrently, the Company further expanded its technology application scenarios and deepened its global cooperation network. With high-throughput sequencing and spatiotemporal omics technologies at its core, the Company established the biodiversity monitoring and research system covering terrestrial, marine, and extreme environments, providing precise and efficient technological empowerment for ecological conservation.



Environmental eDNA Metabarcoding Sequencing Package



MGI's Environmental eDNA Intelligent Monitoring Automation Laboratory Solution

The Company continuously refines its integrated solution combining environmental DNA (eDNA) metabarcoding technology with the DNBSEQ sequencing platform, constantly expanding the boundaries of its applications. For aquatic environment monitoring, we have launched a portable intelligent water sampling device that can efficiently collect samples such as wastewater and seawater. When paired with our metagenomic sequencing solutions, this device enables us to make accurate analysis of microbial lineage distribution and abundance. Relying on our Stereo-seq spatiotemporal omics technology, this device enables us to overcome the spatial limitations of traditional biodiversity research. In studies on cross-species evolution in amniotes and plant development, this device enables us to accurately analyze the evolutionary patterns of cell types across species, providing a new dimension for ecosystem function research.

Concurrently, the Company drives the large-scale implementation of biodiversity conservation through multi-party partnerships, building a global collaborative network for ecological conservation.

The Company has officially launched a collaboration with UNESCO and shared the application value of genomics technologies at the 5th World Congress of Biosphere Reserves.

The Company has collaborated with multiple institutions to develop the world's first national and international dual standards for the standardized processing of deep-sea biological samples, establishing norms for the research and conservation of deep-sea biological resources.

The Company has supported Hainan Provincial Center for Ecological and Environmental Monitoring to establish an eDNA sequencing laboratory to advance the development of a DNA barcode database for native Hainan fish and benthic animals, filling a gap in the region's bio-genetic information resources.

The Company has reached a cooperation agreement with the Guangdong Provincial Environmental Monitoring Association to promote the application of multi-omics and intelligent automation technologies in ecological environment monitoring, contributing to building a beautiful China.

Leveraging a global ecological conservation cooperation network, MGI transforms the innovative potential of gene technology into practical momentum for biodiversity conservation. It has achieved a series of landmark breakthroughs in areas such as mangrove ecosystem monitoring, endangered species protection, and deep-sea life research, injecting scientific and technological strength into global ecological conservation efforts.

Case

"Knowing the Fish Species from a Handful of Water" — Gene Sequencing Chip Debuts at the Ministers' Brief Press Briefing, Decoding the Ecological Miracle of the 10-year Fishing Ban on the Yangtze River

During the 2026 Two Sessions (annual meetings of China's national legislature and top political advisory body), the Minister of Ecology and Environment showcased a microchip for detecting aquatic organism DNA at the Ministers' Brief press briefing. The chip, developed by MGI, integrates information on aquatic organism DNA from 19 water sections under national monitoring in the Jiangsu section of the Yangtze River, covering key species such as the Yangtze finless porpoise and the Chinese sucker fish. Monitoring data shows that the number of aquatic species in this section of the Yangtze River has increased by over 20 in the past five years, providing quantifiable evidence of the ecological restoration success achieved by the policy of the 10-year fishing ban on the Yangtze River.

Traditional aquatic biological monitoring relies on manual fishing, which is inefficient and prone to disturbing the ecosystem. To address these challenges, MGI has applied eDNA technology to ecological monitoring by leveraging its independently developed sequencing chips and gene sequencing platforms. The technology requires only a small size of water samples from a specific location. From these samples, trace amounts of genetic materials can be extracted from skin cells, metabolic cells, secretions, or decaying remains released by organisms into the environment. By integrating core technologies such as nanoball-based sequencing and probe-anchored polymerization sequencing, the chip can effectively filter out environmental impurities and interference, enabling the accurate reading of low-quality, low-concentration sequences. Combined with a DNA barcode reference database jointly developed with research institutions, a one-to-one correspondence between DNA sequences and species can be established, achieving the monitoring goal of "knowing the fish species from a handful of water".

Currently, the application of this technology has expanded to diverse scenarios, such as reconstructing migratory bird pathways and monitoring microorganisms in desert soil. It has been widely implemented in several provinces including Hubei, Zhejiang, Shaanxi, and Guangdong, contributing cutting-edge science and technology to biodiversity conservation and watershed ecological governance.

MGI's Efforts in "Thailand Mangrove Conservation Project" Wins the "Green World Champion" Award

In Thailand, mangrove forests ecosystems safeguard the country's extensive coastline and serve as a vital natural resource supporting local fisheries. Through collaboration with Thailand's National Omics Center (NOC), MGI's sequencing technology has enabled NOC's researchers to, for the first time, accurately assess and conduct in-depth research into the genetic diversity of mangrove species, marking a major breakthrough in mangrove conservation studies.

In 2025, at the 2025 Green World Awards ceremony held in Auckland, New Zealand, in the Southern Hemisphere, MGI stood out among more than 500 competing organizations worldwide thanks to its technological application in the Thailand Mangrove Conservation Project. It won the highest honor "Green World Champion" Award in the category of "Environmental Improvement: Wildlife and Ecosystem Conservation".

Winning the "Green World Champion" Award this time is not only an authoritative recognition from the international environmental protection community for MGI's use of genetic technology to empower ecological conservation practices, but also signifies that its technical solutions provide replicable and promotable demonstration samples for global mangrove ecological restoration and biodiversity conservation.

Case

MGI Empowers Discovery of New Plant Species “Angiopteris guangdongensis” in Guangdong's Qixingkeng Nature Reserve

During a biodiversity survey in the Guangdong Qixingkeng Provincial Nature Reserve, a research team leveraged MGI's T7 sequencer and chloroplast genome analysis technology to accurately map the complete chloroplast genome of Angiopteris guangdongensis. This work provides a critical scientific foundation for the conservation of this endangered species.

Angiopteris guangdongensis is a new plant species discovered for the first time globally in the Qixingkeng Nature Reserve. With only about 40 mature individuals remaining, its population is extremely rare, earning it the nickname "the giant panda of the plant world". The official release of this new species not only enriches the plant species list of the Lingnan region but also contributes to scientists' understanding of the evolutionary history of the Angiopteris genus. It serves as a profound reminder that countless unknown and fragile life forms still exist in the hidden corners of the Earth, underscoring the urgent need to conserve such endangered species.

MGI's gene sequencing technology was pivotal to this important discovery. By enabling precise genomic analysis, it empowered the research team to efficiently complete species identification and conservation studies, demonstrating the critical value of genetic technology in biodiversity conservation.

Angiopteris guangdongensis is discovered in the Qixingkeng Nature Reserve

MGI Empowers Deciphering of Genetic Codes of Amphipods and Deep-Sea Fish

On March 6, 2025, the world's leading academic journal *Cell* published a landmark cover feature highlighting major abyssal life research achievements. This research was jointly led by Shanghai Jiao Tong University, the Institute of Deep-Sea Science and Engineering of the Chinese Academy of Sciences, and MGI Group. The publication includes one flagship article that outlines the entire project and three research papers focusing respectively on prokaryotic microorganisms, invertebrates (amphipods), and vertebrates (fish) in the hadal zone. This research project, which successfully deciphered the genetic codes of amphipods and deep-sea fish to reveal the mechanisms of life's adaptation to extreme environments, was named one of the "Top 10 Advances in Life Sciences in China" for the year 2025.

Among others, MGI provided core platform support for the hadal research with its ultra-high throughput sequencing platform, automated sample preparation systems, and ultra-low temperature automated biobank. In the future, multiple software and hardware tools co-developed by MGI and deep-sea research institutions—including the deep-sea sample information collection and management system, the fully automated nucleic acid and protein co-extraction platform, and the containerized mobile scientific expedition laboratory—will further empower scientists to unveil the mysteries of deep-sea life.

Sampling of Abyssal Sediments

Resource Utilization

Guided by its sustainable development strategy, MGI Tech has established the Energy and Resource Management Procedure, which makes efficient resource utilization a core objective and deeply integrates this principle into all aspects of production and operations. Driven by two wheels including technological innovation and management upgrades, we continually enhance the efficiency of using resources such as water and energy, explore circular economy models, and while fostering business growth, effectively reduce resource consumption intensity per unit of output value. The Company is committed to building an industry benchmark for sustainable resource use in the life sciences and technology sector, and helps build an ecosystem where resource conservation and industrial development thrive together.

Energy Management

The Company highly values energy management, strictly complies with relevant laws and regulations on energy management, and implements effective measures for energy conservation and consumption reduction, while raising energy conservation and environmental protection awareness among all staff. Electricity, primarily concentrated in public infrastructure such as air conditioning and in the production processes, has been the predominant energy source consumed by the Company. Based on this, the Company focuses on two key dimensions: reducing energy consumption and optimizing energy structure, thereby steadily advancing its energy management efforts. This ensures sustained improvements in energy utilization efficiency while maintaining production efficiency.

In terms of reducing energy consumption, the Company has established a target system for energy saving and consumption reduction, and it has introduced high energy-efficiency indicators and an energy management platform. It conducts real-time monitoring and dynamic analysis on key indicators, including energy consumption per unit of output value, production energy intensity, and the percentage of clean energy used. Concurrently, through systematic measures such as equipment upgrades, process optimization, and digitalized control, the Company achieves precise monitoring and highly efficient management of its energy consumption, effectively reducing the energy consumption per unit of output.

In terms of optimizing its energy structure, the Company actively develops distributed renewable energy projects. We lay photovoltaic panels on the roofs of buildings, construct supporting energy storage facilities, increase the proportion of clean and green energy use, drive the transition of the energy structure toward low-carbon development, and contribute to the achievement of the carbon peaking and carbon neutrality goals.

Key Performance — 2025

- Diesel oil **3.85** Tons of standard coal
- Gasoline **5.12** Tons of standard coal
- Natural gas **52.16** Tons of standard coal
- Purchased electricity **5,118.04** Tons of standard coal
- Purchased heating power **0.06** Tons of standard coal

Water Resource Management

MGI adheres to the principle of "use as needed", rigorously controlling water usage to eliminate waste.

In terms of production water management, the Company has established the full-process water management system. This system involves ongoing water-saving upgrades and maintenance for production equipment, process pipelines, and water supply systems, thereby reducing water consumption at its source. Through dedicated water-saving initiatives such as reclaimed water reuse and upgrades to circulating water systems for production equipment, we continuously improve the water resource recycling rate. By regularly collecting and analyzing core metrics—including total water consumption and water consumption intensity per unit of output value—we dynamically optimize water-use strategies to achieve precise control over water resource consumption. Through employee training and the promotion of water conservation philosophy, we continuously strengthen water-saving awareness among all employees, and ensure that water-saving actions are effectively implemented.

For office and daily living settings, the Company integrates the water-saving philosophy into routine management practices. This includes upgrading hardware such as water-saving faucets and water-saving toilets, installing water-saving reminder signage, and guiding employees to develop habits of conserving water. While ensuring the daily needs of our employees are met, we continuously enhance the efficiency of domestic water use, thereby fulfilling our environmental responsibility.

Key Monitoring Indicator: Water Resource Management

Total water consumption **193,462.63** Cubic meters

Pollutant and Waste Management

MGI regards the management of the "three wastes"—waste gas, wastewater, and solid waste—as an important means for environmental protection. We have established multiple management systems, including the Wastewater Discharge Management Procedure, the Waste Management Procedure, the Exhaust Gas Discharge Management Procedure, and the Hazardous Noise Prevention Procedure. We strictly regulate the classification, collection, storage, disposal, and full-process monitoring of the "three wastes"—waste gas, wastewater, and solid waste. At the same time, we continuously invest dedicated funds and advanced technologies, introducing high-efficiency treatment equipment and processes to ensure stable, compliant emissions of all types of pollutants. In doing so, we effectively fulfill our environmental responsibilities and protect the surrounding ecological environment and public health.

Wastewater Treatment

MGI strictly complies with wastewater discharge regulations and standards, and has set the goal of “100% compliant disposal of laboratory waste liquids with zero illegal discharges”. We actively assume environmental responsibility for the wastewater and waste liquids generated during the manufacturing process, which includes laboratory cleaning wastewater, tail water from pure water preparation, backwash water, and domestic sewage. We regularly monitor and upgrade our facilities to prevent any negative impacts on the environment or neighboring communities. At the same time, we regularly evaluate equipment treatment cycles, optimize process performance, and continuously improve the efficiency and stability of wastewater treatment to ensure that wastewater from all production and R&D processes is disposed of safely and effectively.

Wastewater Category	In-Plant/On-Site Treatment	Off-Site/Municipal Treatment
Laboratory cleaning wastewater and pure water backwash water are classified as industrial wastewater generated during the equipment maintenance process	Park wastewater treatment system	Municipal water quality purification plant
Domestic sewage and concentrated water produced from pure water preparation can be treated as typical domestic wastewater	Septic tank pretreatment	

The Company's Wastewater Treatment Process

During the reporting period, ingdao MGI and Qingdao DGI were included in the list of enterprises required to disclose environmental information in accordance with the law. Among them, Qingdao DGI was a key pollutant discharging entity, and its environmental credit rating for the year 2025 was Green. The wastewater discharge of Qingdao DGI is as follows:

Names of key and characteristic pollutants	Number of discharge outlets	Name of major discharge outlet	Actual discharge concentration - average (mg/L)	Approved discharge concentration (mg/L)	Actual total discharge (tons)	Approved total discharge amount (tons)	Over-standard discharge
Suspended matter	1	Enzyme project wastewater discharge outlet	10	400	0.097	/	Up to standard
Total dissolved solids			0.00128	/	3.617	/	
Ammonia nitrogen (NH3-N)			0.790	45	0.0106	0.03	
BOD5			4.8	300	0.070	/	
COD			14.8	500	0.193	1.76	
Total phosphorus (as P)			3.15	/	0.021	/	
Total nitrogen (as N)			1.189	70	0.007	0.04	

Waste Gases Treatment

MGI has always been committed to reducing exhaust gas emissions during the production process. The Company has set strict exhaust gas emission control targets. It stably maintains the emission concentration of non-methane total hydrocarbons (VOCs) at below 80% of local standard limits. Through comprehensive full-process control and efficient treatment technologies, MGI ensures that its waste gas emissions remain stable and compliant.

The Company has established an exhaust gas treatment system covering all production stages, employing advanced exhaust gas collection and differentiated treatment technologies. Organic exhaust gas and acidic exhaust gas generated during production are separately collected and subjected to targeted treatment. Organic waste gases are treated with ventilation cabinet filters and activated carbon adsorption in waste gas towers, while acidic waste gases are subjected to alkaline scrubbing and activated carbon adsorption in waste gas towers. For example, in the chip production facility, volatile organic compounds from processes such as glue coating and cleaning are extracted through fume hoods and conveyed to the rooftop organic exhaust gas treatment facility. Following treatment processes including activated carbon adsorption, ultra-low pollutant emissions are achieved, effectively minimizing the impact on the surrounding atmospheric environment.

During the reporting period, the waste gas emission status of Qingdao DGI was as follows:

Names of key and characteristic pollutants	Number of discharge outlets	Name of major emission outlet	Actual discharge concentration - average (mg/L)	Approved discharge concentration (mg/L)	Actual total discharge (tons)	Approved total discharge amount (tons)	Over-standard discharge
Total Volatile Organic Compounds (TVOC)	4	Exhaust Gas Emission Outlet	5.6	60	0.02458	/	Up to standard
Ammonia			0.92	20	0.00089	/	
Total suspended particulates (TSP)			3.1	10	0.01663	/	
Odor concentration			/	/	/	/	

Industrial Solid Waste Treatment

MGI has established corresponding rules and regulations for different categories of waste to ensure standardized, regulated, and systematic waste management. The Company classifies the industrial solid waste it generates into hazardous waste and general industrial solid waste, for which differentiated control measures are respectively taken. For hazardous waste, we strictly implement requirements for classified collection, standardized storage, and transfer and disposal. We have set the goal of “100% compliant disposal of hazardous waste” and conduct ongoing monitoring and statistical analysis of key data indicators, including the total hazardous waste generation, total general waste generation, hazardous waste generation density, and laboratory waste generation. These efforts strengthen risk prevention across the entire process.

For general industrial solid waste, MGI Tech implements effective management by entrusting it to local waste management companies for recycling and disposal, with valuable parts being disposed of for a fee. Recognizing the specificity of hazardous waste, the Company has established hazardous waste temporary storage rooms in various production units, with dedicated personnel responsible for collection and process control. Hazardous wastes are regularly collected and disposed of by third-party environmental companies with the appropriate qualifications according to strict standards. This has established a virtuous cycle of hazardous waste generation, collection, and disposal, providing crucial support to prevent hazardous waste leakage. In 2025, no hazardous waste leakage incidents occurred in the Company.

Key Monitoring Indicator: Management of "Three Wastes"—Waste gas, Wastewater, and Solid Waste

Total amount of general solid waste **71.23** Ton

Total amount of recyclable waste **17.34** Ton

Total amount of hazardous waste **305.95** Ton

Total amount of wastewater discharge **13,068** Cubic meters

Total amount of waste gas emissions **1,328** 10,000 Cubic meters

Control and Communication

The Company is highly attentive to the environmental and health impacts of its production and operational activities on its employees and residents of neighboring communities. It has established comprehensive mechanisms for prevention, control, and communication throughout all processes. Based on assessments, the Company currently has no noise, thermal emissions, air pollution, or similar impacts on surrounding communities. During the reporting period, no cases of occupational diseases or long-term health damage were identified, and no formal complaints from community residents regarding environmental or health issues were received.

Employee Health Impact Control

1. Regularly assess the potential impacts of occupational risk factors such as hazardous chemicals and noise on employee health. In 2025, no cases of occupational diseases or long-term health damage were identified.

2. For the purpose of reducing workplace exposure to pollutants, laboratories and production areas are equipped with fume hoods, local exhaust ventilation, and exhaust gas treatment systems to control hazardous substances at the source.

3. Provide employees with Personal Protective Equipment (PPE), such as masks, gloves, and goggles, based on job-specific risks. Conduct annual occupational health examinations with 100% coverage, with a special focus on employees exposed to hazardous substances.

4. Establish clear cleaning operation procedures, define responsibilities clearly, and conduct regular training and supervision to ensure effective implementation.

Community Environmental Impact Control

1. All exhaust vents are positioned away from residential areas and are fitted with silencers and filtration systems to minimize the impact of noise and emissions.

2. Hazardous waste and waste oil are disposed of by licensed/certified entities in compliance with regulations, with no direct discharge into the environment.

3. Regular third-party monitoring of plant boundary noise and waste gas emissions is conducted (at least once per year), and all results comply with national and local standards.

Community Communication and Grievance Response

1. Regularly submit information to the industrial park regarding the operation of environmental protection facilities, hazardous waste transfer, emergency drills, and other related matters; cooperate with the park in implementing safety and environmental management requirements; and actively participate in regional EHS joint meetings to promote joint consultation, joint construction, and joint governance.

2. Established public EHS grievance channels, including WeChat, telephone, and email, to ensure that relevant concerns receive timely responses.

3. During major activities (such as emergency drills and environmental inspections), proactively notify the industrial park and surrounding organizations with relevant information, continuously enhancing the transparency of environmental management and building greater community trust.

4. Maintain regular communication with the local community, publicly disclose environmental protection information, and respond promptly to concerns. For any future expansion or new production capacity, we will strictly adhere to the "Three Simultaneities" requirement of the Environmental Impact Assessment (EIA) to further strengthen our community-friendly operations.

Green Operations

Adhering to the philosophy of sustainable development, MGI promotes systematic green upgrades throughout all stages, including product design and R&D, production and operations, and logistics and transportation. The Company consistently lowers its operational environmental footprint and protects ecological balance with concrete actions.

Key Monitoring Indicator: Packaging Material Usage

Packaging Material Usage 150.52 Ton

Sustainable Practices for Green Operations

Green Product Design

In 2025, the Company launched the T7+ ultra-high-throughput sequencer. Through full life-cycle low-carbon designs, such as reagent streamlining and emission reduction, reduced cold chain dependency, and hardware light-weighting, the T7+ sequencer reduces resource consumption and carbon emissions, providing users with more environmentally friendly sequencing solutions.

Green Office

The Company has fully implemented paperless office operations by digitizing daily application and approval processes online, replacing traditional paper documents and cumulatively saving a significant amount of paper resources. In the field of logistics management, the Company has deeply applied IT-enabled tools such as WMS (Warehouse Management System) and TMS (Transportation Management System), achieving paperless order placement, automated tracking, and online meetings, thereby substantially reducing paper usage.

Green Building

The Company prioritizes selecting office buildings that have received green energy-saving awards as its office premises and integrates green energy-saving designs throughout the entire building lifecycle. All the buildings at the Wuhan base, including production plants, dormitories, canteens, and warehouses, have been issued the Building Energy Efficiency Design Reports.

Green Energy

A distributed photovoltaic power generation system has been deployed on the rooftop of the Shenzhen headquarters building. In 2025, the Company continued to advance the self-consumption of solar power to increase the share of clean energy in its energy mix. The Wuhan base has innovatively applied a solar water heating system, utilizing a solar circulation device to meet both production and domestic hot water needs, thereby reducing fossil fuel consumption. In the future, the Company will further expand its clean energy layout, explore applications of energy storage technology, and promote the transformation of its energy structure toward low-carbon and clean development.

Green Transportation

For its domestic transportation, the Company prioritizes low-carbon modes such as public transport and new energy vehicles. In its cold chain less-than-truckload services, new energy vehicles are fully utilized to achieve zero tailpipe emissions. For mainline transportation, railway transportation is prioritized, with high-speed and standard rail freight making up 70% of the domestic cold chain less-than-truckload volume. For international transportation, direct flights are prioritized to minimize trans-shipments and fuel consumption. The Company leverages multimodal transport to optimize its energy utilization structure, balancing both logistics efficiency and carbon emission reduction. In 2025, by leveraging the ambient temperature transport characteristics of its T7+ reagents, the Company further reduced the proportion of cold chain transportation and continuously cut carbon emissions in logistics operations.

Recycling and Reuse

The Company achieves secondary utilization of cartons through measures such as sorting and returning used cartons to Anliang Warehouse for reuse via the delivery vehicles, collecting undamaged boxes from production disassembly, and screening, cleaning, and recycling cartons.

Creating a Clean Laboratory Environment

A clean laboratory environment is crucial for improving work efficiency, minimizing cross-contamination risks, and ensuring the accuracy of experimental results. MGI maintains the cleanliness and operational safety of its laboratory environments through standardized cleaning procedures, routine professional training, and comprehensive full-process supervision mechanisms.

Establish cleaning protocols

Develop a daily, weekly, and monthly cleaning task list, specifying the cleaning standards and frequency for different areas such as workbenches, equipment surfaces, and floors.

Define responsibility allocation

Designate personnel and responsible persons for cleaning work, encourage process feedback and optimization, and conduct regular inspections to ensure compliance with regulations.

Use appropriate cleaning agents and tools

Select residue-free disinfectant cleaners and provide an ample supply of eco-friendly cleaning tools to ensure their suitability for the laboratory environment.

Strengthen waste management

Establish a classification and disposal mechanism for chemical waste, bio-hazardous waste, and household waste to ensure standardized storage and compliant disposal.

Provide training and educational programs

Regularly organize cleaning and safety training, emphasizing the critical role of cleanliness in the accuracy and safety of experimental results, and ensuring the implementation of regulations through mutual supervision.

Appendices

About the Report

Overview

This is the third Environmental, Social, and Governance (ESG) report issued by MGI Tech Co., Ltd. The Report is designed to communicate our strategies, management practices, and achievements in environmental protection, social responsibility, and corporate governance to our stakeholders.

Scope of the Report

The scope of this report is consistent with the Company's annual report, covering Shenzhen MGI Tech Co., Ltd. and its consolidated subsidiaries. This annual report covers the period from January 1 to December 31, 2025. Some content may extend beyond this timeframe, and explanations will be provided where necessary.

Description of Forms of Address

MGI Tech, MGI, the Company, We	refers to	MGI Tech Co., Ltd.
Wuhan MGI	refers to	Wuhan MGI Tech Co., Ltd.
IMABOT KUNSHAN	refers to	MGI Imabot (Kunshan) MedTech Co., Ltd.
Qingdao MGI	refers to	Qingdao MGI Tech Co., Ltd.
Qingdao DGI	refers to	DGI Tech Qingdao Co., Ltd.
Latvia MGI Tech	refers to	Latvia MGI Tech SIA

Basis of Preparation

This report was prepared under the guidance of the Guidelines No.14 of the Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial) and the Guidelines No. 4 of the Shanghai Stock Exchange for Self-Regulation of Listed Companies—Preparation of Sustainability Report, and by reference to the GRI Standards issued by the Global Sustainability Standards Board (GSSB), industry standards issued by the Sustainability Accounting Standards Board (SASB), the International Financial Reporting Standards issued by the International Sustainability Standards Board (ISSB), the European Sustainability Reporting Standards (ESRSs) issued by the European Commission, and the United Nations' Sustainable Development Goals (SDGs): A Corporate Action Guide.

Data Source and Reliability Statement

The Report utilizes data from various sources, including public data from government departments, internal statistical reports, third-party survey questionnaires, administrative documents and reports, and third-party evaluation interviews. All content and data disclosed in this report have been reviewed and approved by the Board of Directors of MGI Tech Co., Ltd.

MGI Tech commits that there are no false records, misleading statements, or significant omissions in the content of this report. The Board of Directors of the Company assumes individual and joint responsibility for the truthfulness, accuracy, and completeness of its content.

Forward-Looking Statements

The forward-looking statements in this report are founded on the Company and its subsidiaries' forecasts, assumptions, and expectations concerning current production and operational conditions. Actual outcomes may vary from those projected in this report, as they may be influenced by risk factors and force majeure events that could impact the implementation process.

Report Access

This report is published in both printed and electronic forms, with printed copies available in the Company's securities department.

The electronic version can be accessed and downloaded on the Company's official website at https://www.mgi-tech.com/.

Contact information

MGI Tech encourages all stakeholders to provide suggestions or feedback on the Company's sustainable development and social responsibility management. For any related matters, please contact MGI_IR@mgi-tech.com.

Key Performance Table

Environmental performance

Indicators	Unit	2025
Environmental compliance		
Number of environmental compliance promotion activities	Sessions	8
Number of environmental compliance training sessions	Sessions	27
Cumulative duration of environmental compliance training	Hours	254
Accumulated number of participants in environmental compliance training	People	411
Number of drills for environmental emergency response plans	Sessions	9
Total Investment in environmental protection	10,000 yuan	229.54
Total investment in energy conservation and emissions reduction	10,000 yuan	58.9
Energy Utilization		
Diesel oil	Tons of standard coal	3.85
Gasoline	Tons of standard coal	5.12
Natural gas	Tons of standard coal	52.16
Purchased electricity	Tons of standard coal	5,118.04
Purchased heating power	Tons of standard coal	0.06
Direct energy consumption	Tons of standard coal	61.12
Indirect energy consumption	Tons of standard coal	5,118.10
Total energy consumption	Tons of standard coal	5,179.22
Total energy consumption intensity	Tons of standard coal	0.02
clean energy consumption	Tons of standard coal/million yuan	52.16
Proportion of clean energy usage	%	1.01
Addressing Climate Change		
Scope 1: Greenhouse gas emissions	tCO_2	121.41
Scope 2: Greenhouse gas emissions	tCO_2	21,709.80
Greenhouse gas emissions under Scope 1 and Scope 2	tCO_2	21,831.21
Water resources		
Total water consumption	Tons	193,462.63
Water consumption intensity	Tons/10,000 yuan	0.70
Number of water resources promotion activities and training sessions	Sessions	2
Number of participants in activities and training	People	332

Environmental performance

Indicators	Unit	2025
Circular Economy		
Total usage of packaging materials	Ton	150.52
Total usage of office paper	Ton	≈3.6

Types of pollutants/waste	Category of pollutants or waste	Unit	2025
Pollutants and waste			
Wastewater	Total industrial wastewater	Cubic meters	13,068
	Total domestic wastewater	Cubic meters	5,490
	Chemical oxygen demand (COD) emissions	Ton	0.19
	Five-day biochemical oxygen demand (BOD5)	Ton	0.07
	Ammonia nitrogen (NH3-N)	Ton	0.01
	Total nitrogen (TN)	Ton	0.01
	Total phosphorus (TP)	Ton	0.02
	pH	-	7.89
	Suspended matter	Ton	0.10
	Total dissolved solids	Ton	3.62
Waste gases	Total amount of waste gas emissions	10000 cubic meters	1,328
	Particulate matter	Ton	0.02
	Volatile organic compounds (VOCs)	Ton	0.02
Solid waste	Total general solid waste (non-hazardous waste)	Ton	71.23
	Density of general solid waste	Ton/10,000 yuan	0.0003
	Total amount of recyclable waste	Ton	17.34
	Total hazardous waste	Ton	305.95
	Density of hazardous waste	Ton/10,000 yuan	0.0011

	Indicator	Unit	2025
Social performance	**R&D Innovation**		
	R&D investment	10,000 yuan	61,009.73
	Percentage of total R&D investment to main operating revenue	%	22.32
	R&D staffing number	People	572
	R&D personnel ratio	%	26.06
	Number of invention patent applications filed this year	Pieces	308
	Number of invention patents granted this year	Pieces	119
	Number of utility model patent applications filed this year	Pieces	53
	Number of utility model patents granted this year	Pieces	56
	Number of appearance design patent applications filed this year	Pieces	28
	Number of appearance design patents granted this year	Pieces	41
	Number of valid patents as of the end of the reporting period	Pieces	1,199
	Number of software copyright applications filed this year	Pieces	55
	Number of software copyrights registered this year	Pieces	51
	Number of registered software copyrights as of the end of the reporting period	Pieces	416
	Product quality status		
	Number of testing laboratories with CNAS accreditation	Pieces	1
	Number of quality management system audits	Sessions	64
	Quality management system audit pass rate	%	100
	Cumulative number of regulatory audits passed	Sessions	57
	Number of quality training sessions conducted	Sessions	60
	Cumulative duration of quality training	Hours	78
	Number of participants in quality training	People	3,428
	Product recall ratio	%	0

	Indicator	Unit	2025
Social performance	**Customer Service**		
	Complaints on customer privacy violation received	Cases	0
	Number of customer service training sessions	Sessions	27
	Cumulative duration of customer service training	Hours	39
	Supply Chain Security		
	Number of internal training sessions conducted	Sessions	24
	Number of participants in internal training	People	>600
	Internal training coverage rate (covering procurement personnel)	%	100
	Internal training assessment pass rate	%	100
	Number of supplier training sessions conducted	Sessions	4
	Cumulative duration of supplier training	Hours	50
	Number of suppliers participating in the training	Pieces	17
	Instrument incoming material qualification rate	%	96.75
	Reagent incoming material qualification rate	%	98.28
	Chip incoming material qualification rate	%	98.95
	Number of manufacturers reviewed	Entities	60
	Audit completion rate	%	100
	Total number of suppliers	Entities	899
	Number of local suppliers (domestic)	Entities	773
	Number of suppliers with ISO 13485 quality system certification	Entities	267
	Number of suppliers with ISO 9001 quality management system certification	Entities	453
	Number of suppliers with ISO 45001 occupational health and safety system certification	Entities	56
	Number of suppliers with ISO 14001 environmental management system certification	Entities	101

Indicator	Unit	2025
Social performance		
Employee Employment		
Number of new employees recruited	People	152
Number of fresh graduates recruited	People	19
Number of employees at the end of the reporting period	People	2,195
Number of employees separated this year	People	566
Number of male employees	People	1,223
Number of female employees	People	972
Number of employees in Chinese Mainland, Hong Kong, Macao and Taiwan	People	1,770
Number of overseas employees	People	425
Number of employees in the Americas region	People	178
Number of employees in the European and African regions	People	144
Number of employees in the Asia Pacific region	People	103
Number of employees aged 30 and below	People	563
Number of employees aged 31 to 40	People	1,256
Number of employees aged 41 to 50	People	298
Number of employees aged 51 and above	People	78
Number of employees with a bachelor's degree or above	People	2,023
Number of employees with junior college education	People	142
Number of employees with secondary vocational education or below	People	30
Number of production personnel	People	482
Number of sales personnel	People	805
Number of technical personnel	People	572
Number of financial personnel	People	64
Number of administrative personnel	People	272
Number of frontline employees	People	1,167

Indicator	Unit	2025
Social performance		
Number of backbone employees	People	844
Number of core employees	People	164
Number of employees at the core management level	People	80
Total number of female employees at the core management level	People	24
Number of strategic employees	People	20
Number of employees at the strategic management level	People	20
Total number of female employees at the strategic management level	People	4
Number of disabled employees	People	1
Employee turnover rate	%	25.79
Employee training		
Total number of training hours received by employees	Hours	71,982
Average duration of employee training	Hours	32.79
Total number of training hours received by male employees	Hours	40,094
Total number of training hours received by female employees	Hours	31,888
Total number of employees receiving training	People	57,127
Total number of male employees participating in training	People	31,820
Total number of female employees participating in training	People	25,307
Employee training coverage rate	%	100
Investment in employee training	10,000 yuan	101
Employee occupational health and safety		
Number of newly added employees suffering from occupational diseases	People	0
Total number of employees in the production department	People	482
Number of employees screened for occupational diseases	People	119
Number of employees injured at work (including deaths)	People	0
Number of employees died in service	People	0
Total number of working days lost by employees due to work-related injuries	Day	0

Indicator	Unit	2025
Social performance		
Safety production investment	10,000 yuan	104.69
Investment in work-related injury insurance	10,000 yuan	237.42
Investment in work safety liability insurance	Yuan	0
Employee coverage rate including work-related injury insurance	%	100
Employee coverage rate including work safety liability insurance	%	0
Number of emergency drills	Sessions	37
Number of full-time safety personnel	People	5
Employee health checkup coverage rate	%	100
Number of training sessions related to employee occupational health	Sessions	7
Total hours of employee occupational health-related training	Hours	120
Number of participants in employee occupational health-related training	People	159
Total expenditure on employee occupational health-related training	Yuan	18,200
Coverage rate of employee occupational health-related training	%	100
Social Contribution		
In-kind donations	10,000 yuan	150.92
Cash Donations	10,000 yuan	454.53
Total donations	10,000 yuan	605.45
Governance Performance		
Corporate Governance		
Number of shareholders' meetings held	Sessions	6
Number of board meetings held	Sessions	8
Number of Audit Committee meetings held	Sessions	7
Number of Salary Committee meetings held	Sessions	2
Number of Nomination Committee meetings held	Sessions	1
Number of board members	People	10
Number of male directors	People	8
Number of female directors	People	2
Number of independent directors	People	4
Number of non-independent directors	People	6

Indicator	Unit	2025
Governance Performance		
Compliant operations		
Number of internal control inspections	Sessions	9
Number of compliance training sessions (e.g., tax compliance, information disclosure)	Sessions	5
Total number of people covered by compliance training (e.g., tax compliance, information disclosure)	People	961
Coverage rate of compliance training (e.g., tax compliance, information disclosure)	%	100
Protection of investors' rights and interests		
Number of investor communication events hosted	Sessions	111
Number of institutional investor visits	People	671
Number of overseas investor visits	People	77
Total number of institutes visits	Entities	249
Number of handled inquiries on "E-SSE" platform	Pieces	9
Query resolution rate on "E-SSE" platform	%	100
Number of public disclosures issued	Pieces	176
Responsible Marketing		
Violations regarding product and service labeling	Piece	0
Number of responsible marketing training sessions	Sessions	420
Cumulative duration of responsible marketing training	Hours	4,201.5
Data Security and Customer Privacy Protection		
Number of information and data security training conducted	Sessions	1
Number of employees participating in information and data security protection training	People	939
Training-participation rate for information security and data protection	%	50
Complaints on customer privacy violation received	Cases	0
Anti-commercial Bribery and Anti-corruption		
Total number of employees trained	People	2,195
Total number of EMT (Executive Management Team) members trained	People	13
Total number of directors trained	People	10
Percentage of trained employees to total employees	%	100
Percentage of trained EMT members to total management members	%	100
Percentage of trained directors to total directors	%	100
Number of internal fraud investigation projects conducted	Sessions	10

Index of Indicators

Report Framework	ISSB Guidelines	GRI Standard 2021	SASB	*Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)*
Message From Chairman	S1、S2	2-13		
About MGI Tech				
Company Profile	S1	2-1、2-6		
Company Milestones		2-1		
Company Awards		2-1		
Sustainable Development Transformation				
Sustainable Development Management	S1	2-9、2-22、2-29 、3-1、3-2、3-3		Article 53
Key ESG Risks and Opportunities	S1、S2	2-6、2-25		Article 52
Sustainable Development Process in 2025	S1、S2	2-4		
Leading Life Science Innovation				
Enhancing the Accessibility of Genomics	S1	203-1、203-2、2-6	HC-MS-240a.1	
Empowering a Healthy Future	S1	203-1、203-2、2-6		
Expand Application Scenarios	S1	203-1、203-2、2-6		
Jointly Building an Industrial Ecosystem	S1	203-1、203-2、2-6		Article 42
Advancing Life Science Tools for Future Healthcare				
R&D Innovation		201-1、203-1、203-2	HC-MS-410a.1.	Articles 42 and 43
Quality Management	S1	201-1、418-1、416-1 、416-2	HC-MS-250a.1.、HC-MS-250a.2.、HC-MS-250a.3.	Article 47
Global Customer Service	S1	418-1		Article 47
Sustainable Supply Chain	S1	201-1、403-8、418-1、416-1 、416-2	HC-MS-430a.1.、HC-MS-430a.2.、HC-MS-430a.3.	Article 45

Report Framework	ISSB Guidelines	GRI Standard 2021	SASB	*Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)*
Leader in Compliance Governance				
Corporate Governance	S1	2-9、2-10、2-11、2-16、2-27		
Compliance Operations	S1	2-27、2-15、2-27、205-1、205-2、206-1、207-1、417-1	HC-MS-240a.2.、HC-MS-270a.2.、HC-MS-510a.1.	Articles 55 and 56
Risk Management				
Data Security and Privacy Protection	S1			Articles 48
Value Growth Partner				
Employee Employment and Management	S1	401-1、401-2、401-3、406-1、407-1、408-1、409-1		Articles 50
Empowering Career Development	S1	404-1、404-2、404-3		
Employee Compensation and Benefits	S1	402-1、402-2、405-1		
Occupational Health and Safety	S1	403-1、403-2、403-3、403-4、403-5、403-6、403-7、403-8		
Fulfilling Social Responsibility	S1	413-1	HC-MS-410a.2.	Articles 39 and 40
Guardian of Our Environment				
Environmental Management	S1	203-1		Articles 33
Addressing Climate Change	S2	201-2、304-1、304-2、304-3、305-1、305-2、305-3、305-4	HC-MS-410a.1.	Articles 21 to 28
Biodiversity Conservation		101-3		Articles 32
Resource Utilization	S2	301-1 、303-1、303-5		Articles 34 to 36
Pollutant and Waste Management	S1	2-27、2-28 、303-2 306-1、306-2		Article 30, Article 31, and Article 37
Green Operations	S1	203-1		Articles 36 and 37
Appendixes	S1、S2	2-2、2-3、2-4		

List of Laws and Regulations

Laws and Regulations of China	Corresponding Chapters
Company Law of the People's Republic of China	Leader in Compliance Governance
Securities Law of the People's Republic of China	
Criminal Law of the People's Republic of China	
Rules Governing the Listing of Stocks on the Shanghai Stock Exchange	
Administrative Measures on Information Disclosure by Listed Companies	
Anti-Monopoly Law of the People's Republic of China	
Anti-Unfair Competition Law of the People's Republic of China	
Basic Standards for Enterprise Internal Control	
Data Security Law of the People's Republic of China	
Guidelines for the Establishment of Ethical Review Committees for Clinical Research Involving Humans	Leading Life Science Innovation Advancing Life Science Tools for Future Healthcare
Measures for the Ethical Review of Biomedical Research Involving Humans	
Labor Contract Law of the People's Republic of China	Value Growth Partner
Employment Promotion Law of the People's Republic of China	
Special Provisions on Labor Protection of Female Employees	
Law of the People's Republic of China on the Protection of Minors	
Public Welfare Donations Law of the People's Republic of China	
Energy Conservation Law of the People's Republic of China	Guardian of Our Environment
Environmental Protection Law of the People's Republic of China	
Law of the People's Republic of China on the Prevention and Control of Water Pollution	
Law of the People's Republic of China on the Prevention and Control of Air Pollution	
Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste	
Law of the People's Republic of China on the Prevention and Control of Soil Pollution	

Key Overseas Laws and Regulations	Corresponding Chapters
U.S. *Foreign Corrupt Practices Act* (FCPA)	Leader in Compliance Governance
U.S. *Federal Trade Commission Act*	
U.K. *The Bribery Act* 2010	
EU the *General Data Protection Regulation* (GDPR)	
UK *General Data Protection Regulation* (UK GDPR)	
U.S. the *Data Protection Act*	
U.S. *Export Administration Regulations*	
U.S. California *Consumer Privacy Act*	
Singapore *COMMODITY TRADING ACT 1992*	
U.S. the *Animal Welfare Act*	Guardian of Our Environment
U.S. the *Energy Policy Act of 2005*	
U.S. the *Clean Water Act*	
U.S. the *Clean Air Act*	
U.S. the *Solid Waste Disposal Act*	
U.S. *Uniformed Services Employment and Reemployment Rights Act* (USERRA)	Value Growth Partner
U.S. *Employee Rights for Workers with Disabilities Paid at Special Minimum Wages*, EPPA	
U.S. *Pay Transparency Non-discrimination Provision*	

Key Annotations

1. The environmental performance scope encompasses six major R&D and production bases, including the bases in Shenzhen, Wuhan, Qingdao, Kunshan, Changchun, and Latvia. Energy consumption is calculated in accordance with the General Principles for Calculation of Total Production Energy Consumption (GB2589-2020) issued by China's State Administration for Market Regulation and National Standardization Administration.During the reporting period, Qingdao MGI Tech Co., Ltd. and DGI Tech (Qing Dao) Co., Limited were included in the list of enterprises subject to mandatory environmental information disclosure in accordance with the law. The scope of wastewater and exhaust gas-related data in this report covers only the above two entities.

2. Direct emissions (Scope 1) refer to the greenhouse gas emissions generated from the consumption of natural gas, diesel, and gasoline. Greenhouse gas emissions under Scope 1 are accounted for in accordance with the Guidelines for Accounting and Reporting Greenhouse Gas Emissions from Industrial and Other Industry Enterprises (Trial).

3. Indirect emissions (Scope 2) refer to the greenhouse gas emissions generated from the consumption of purchased electricity and heating power. The accounting of greenhouse gas emissions under Scope 2 is in accordance with the national average carbon dioxide (CO_2) emission factor for electricity consumption (the factor in 2023) from the National Greenhouse Gas Emission Factor Database China and the 2021 IPCC Latvia Electricity CO_2 Emission Factor. The accounting of greenhouse gas emissions from purchased heating power under Scope 2 is in accordance with the Guidelines for Accounting and Reporting Greenhouse Gas Emissions from Industrial and Other Industry Enterprises (Trial).

4. Carbon emission calculation formula: Carbon emissions = Activity data (AD) * emission factor (EF)

5. Only a partial list of key overseas laws and regulations is provided here. The Company rigorously complies with the laws and regulations in all jurisdictions where it operates.

6. Customer service training refers to professional training provided to frontline customer service staff.

7. The statistical coverage of work-related injury insurance expenditure includes only domestic employees; overseas employees shall purchase relevant insurance in accordance with local policies.

Feedback Form

Thank you very much for taking the time to review the MGI Tech 2025 ESG Report. In our ongoing efforts to enhance our ESG management practices and reporting quality, and to elevate our ESG capabilities and standards, we sincerely invite you to provide valuable feedback and suggestions on this report. We will carefully consider your feedback and suggestions and pledge to safeguard your information from unauthorized third-party access.

1. Which category of stakeholder do you belong to?

☐ Employees ☐ Supplier ☐ Cooperative institutions ☐ Investor ☐ Media ☐ Distributor

☐ Industry associations ☐ Customer ☐ Governments and regulatory agencies ☐ Other (please specify)

2. To what extent do you believe this report accurately and comprehensively reflects the Company's significant economic, social, and environmental impacts?

☐ Good ☐ Very good ☐ Average ☐ Poor

3. How do you rate the responsiveness and disclosure quality of this report with regard to the issues that are of concern to stakeholders?

☐ Good ☐ Very good ☐ Average ☐ Poor

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

☐ Good ☐ Very good ☐ Average ☐ Poor

5. How do you evaluate the readability of this report, including the logical structure, content design, language, and format design?

☐ Good ☐ Very good ☐ Average ☐ Poor

6. What suggestions do you have for our future ESG reports?