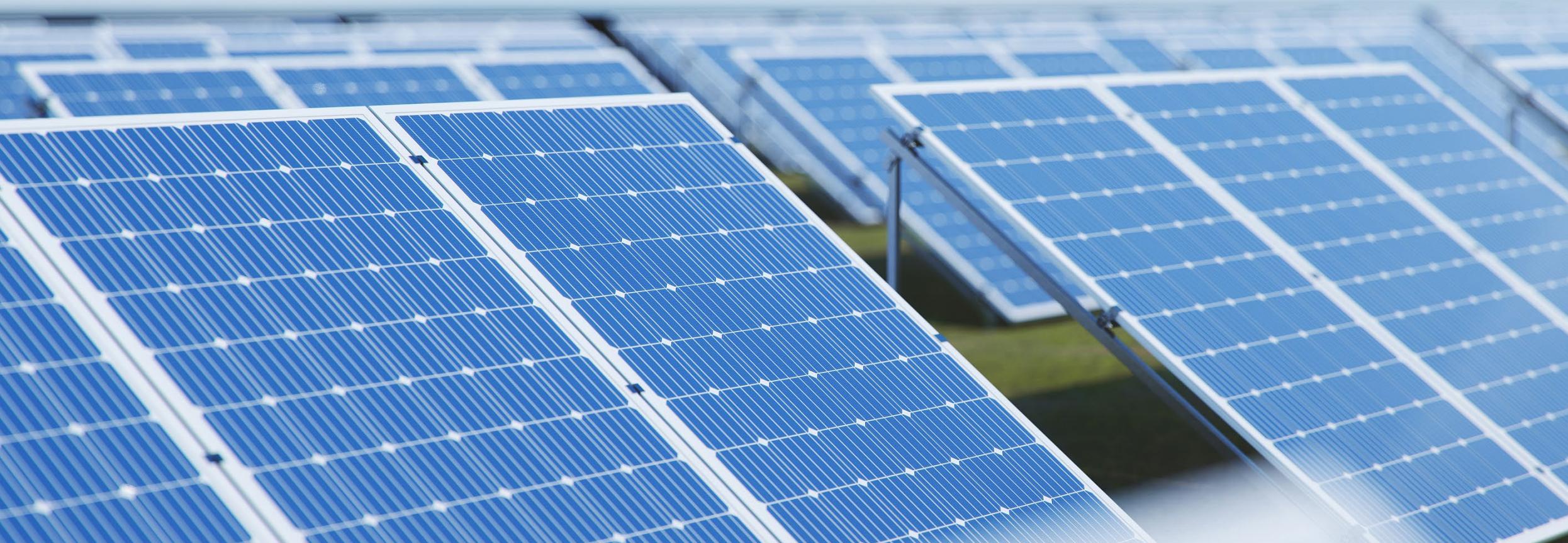


2024

EGING PHOTOVOLTAIC TECHNOLOGY CO., LTD.

ENVIRONMENTAL, SOCIAL AND
GOVERNANCE (ESG) REPORT



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About the Report

Report Overview

The Report is the second Environmental, Social and Corporate Governance (ESG) report released by Eging Photovoltaic Technology Co., Ltd. (hereinafter referred to as "EGING PV", "the Company" or "we"), which aims to disclose to stakeholders the Company's management and actions, and performance on various ESG issues.

Organizational Scope of the Report

The headquarters, branches and subsidiaries of Eging Photovoltaic Technology Co., Ltd.

Time Range of the Report

The Report mainly covers the period from January 1 to December 31, 2024, and may traces back to previous years in virtue of comparability and continuity.

Report Release Cycle

This Report is published once a year, at the same time as the Company's annual report, with the detailed date of release subject to that of the year.

About Information Sources

The information in the Report is gathered from relevant statements, files, stakeholder investigations or interviews of the Company.

Preparation References Disclaimer

This Report has been prepared by referring to relevant guidance documents such as the *Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)*, *Implementation Specifications No. 4 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Preparation of Sustainability Report*, and the *United Nations Sustainable Development Goals (UN SDGs 2030)*, and in combination with the current actual situation of EGING PV.

Disclaimer

The Report contains forward-looking statements. Except historical facts, all the events and statements that may or will occur in the future (including but not limited to premises, objectives, evaluations or business plans) should be viewed as forward looking statements, which may deviate from future results or trends as affected by potential changes.

Responsibility Address

Over the past year, the international landscape has remained complex, with the global energy sector undergoing rapid transformation. Amid increasingly fierce competition within the photovoltaic (PV) industry, EGING PV has faced significant challenges. In response, the Company has deeply embedded ESG principles into its core strategy, viewing them as essential to navigating industry cycles and driving sustainable development.

Anchoring strategic orientation to seize the era opportunities

Amid the accelerated global energy transition, China's "dual carbon" goals continue to gain momentum. The PV industry is entering a new phase of high-quality development, shifting from a policy-driven model to one led by market forces. Building on its commitment as a member of the United Nations Global Compact, EGING PV actively aligns with the global sustainable development agenda by embedding ESG management systems into the core of its corporate governance. Through the establishment of the Board Strategic Development and ESG Committee, we have created a comprehensive management framework that spans strategic planning, execution, and dynamic evaluation—ensuring that ESG objectives are closely integrated with business development.

Delving into green transition to strengthen ecological foundation

EGING PV remains firmly committed to environmental protection, consistently leading the way in low-carbon development. We have comprehensively optimized our production processes by introducing advanced automated equipment and intelligent management systems, significantly reducing resource waste and carbon emissions. As a state-level green supply chain management enterprise, we actively promote social compliance audits among our suppliers and work to build a transparent, low-carbon industrial ecosystem. Looking ahead, we will further advance innovative models like "PV + Agriculture" and "PV + Construction," contributing to a cleaner, more efficient global energy landscape.

Embedding a sense of responsibility to build a shared future together

Employees are the cornerstone of EGING PV's growth and success. We are dedicated to fostering an open, inclusive, and dynamic workplace while offering diverse career development pathways, along with abundant training and advancement opportunities. Our continuous efforts to enhance the occupational health and safety system have resulted in a work-related injury rate that ranks among the best in the industry. The integrity commitment signing rate among middle and senior management has remained at 100%, reflecting our strong ethical foundation. In parallel, we actively fulfill our social responsibilities—giving back to society through tangible actions. Leveraging our "PV+" model, we provide clean energy solutions to underserved regions, contributing to rural revitalization and sustainable development.

Looking ahead to 2025 to draw a blueprint for sustainable development together

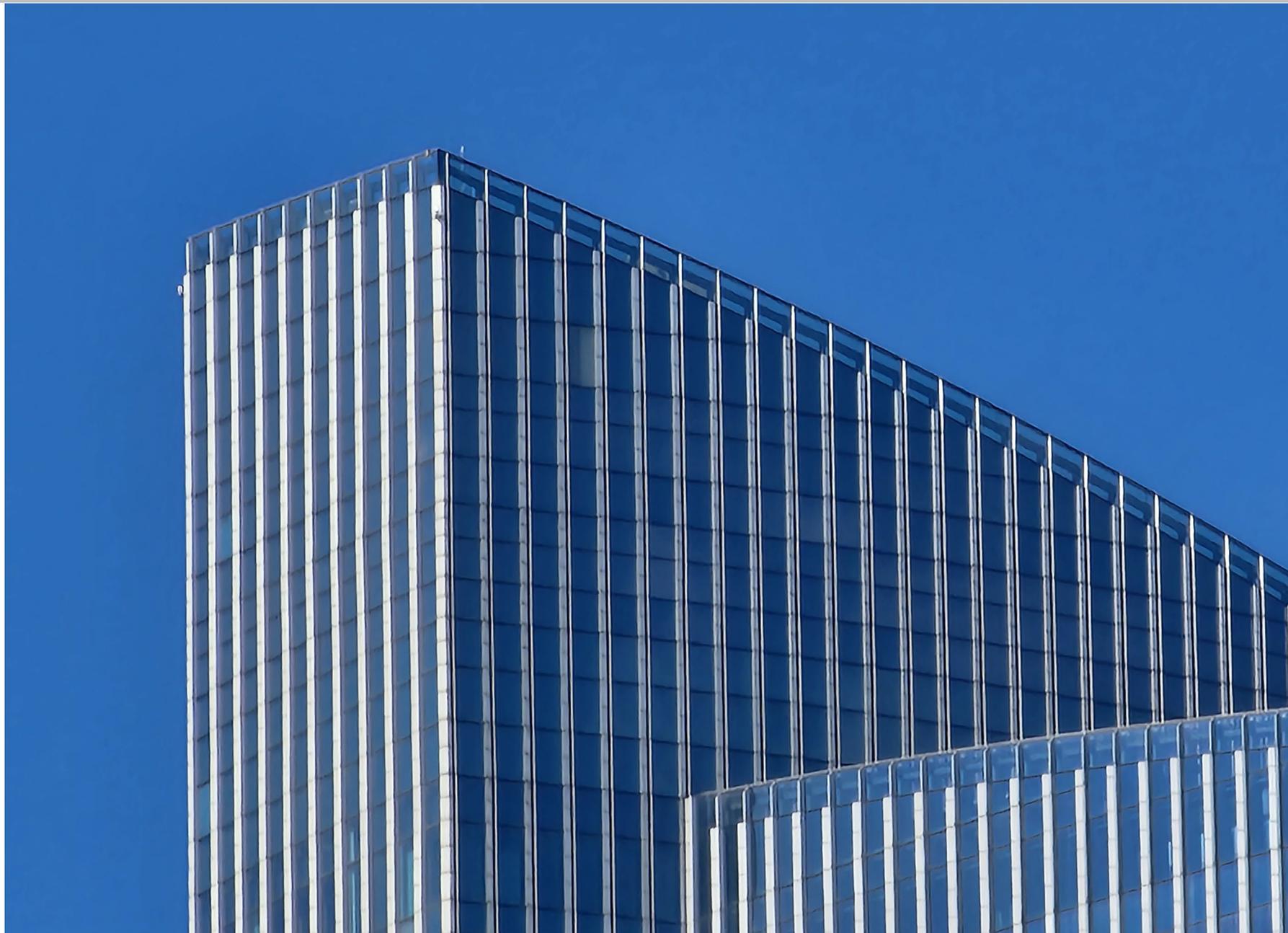
Looking ahead, we will continue to deepen the implementation of our ESG strategy, accelerate the development of green, intelligent factories, and work toward building a zero-carbon industrial value chain. We will further strengthen communication and collaboration with stakeholders to foster shared value and mutual growth. By embracing a long-term perspective, EGING PV is committed to contributing its strength to the global energy transition and the pursuit of sustainable development.

A heartfelt thank you to all our employees for their hard work and dedication! We deeply appreciate the trust and support of our customers, suppliers, investors, and all sectors of society. Together, let us join hands and boldly march toward a brighter and more sustainable future!



About EGING PV

- Company Profile
- Corporate Culture
- Development History
- Business Presence
- Global Service
- Sustainable Development Strategy
- 2024 Honors and Awards



Company Profile

EGING Photovoltaic Technology Co., Ltd. (hereinafter referred to as "EGING PV"), listed under stock code SH600537, is a leading PV enterprise specializing in the R&D, production, and sales of solar cells and modules. The company also has extensive experience in the construction and operation of PV power stations. EGING PV operates two production bases, covering a total land area of over 2,500 mu: one in Changzhou, Jiangsu, covering more than 1,500 mu, and the other in Chuzhou, Anhui, covering over 1,000 mu. By the end of 2024, EGING PV will employ more than 1,500 employees.

As a hi-tech enterprise, EGING PV is home to some advanced R&D platforms, such as the "International Science and Technology Cooperation Base" authorized by the International Science and Technology Cooperation Department of the Ministry of Science and Technology, the "Postdoctoral Research Workstation", and the "Jiangsu PV Engineering Research Institute". Our solar module laboratory has been accredited by the China National Accreditation Service for Conformity Assessment (CNAS) and is also a TDAP laboratory of Prufstelle Testing and Certification Institute (VDE).

The Company has been honored with titles such as "PVBL 2024 Top 20 PV Module Brands" and "Top 100 Global PV Brands" and has been selected into the lists of "Jiangsu Province Quality Credit AAA Grade Enterprises" and "Five-star Cloud Enterprises". Many products of the Company have won certificates such as "Green Leading Three-Star" Certificate, "Green Building Material" Certificate, etc. The Company has also been awarded the first "Zero-carbon Factory" certification in the PV industry.

Adhering to the corporate values of "Integrity, Win-Win, Truth-Seeking, and Innovation," the Company is dedicated to becoming a global leader in PV manufacturing and smart energy solutions. Looking ahead, the Company will focus on enhancing operational efficiency, strengthening technological R&D, and expanding its business footprint. Driven by customer needs, the Company will deliver reliable clean energy products and personalized services, steadily advancing toward the goal of becoming the preferred supplier of multi-scenario solutions for PV power stations.

Stock code

SH600537

Land area

2,500⁺ mu

In-service employees

1,500⁺

Corporate Culture



Corporate vision

Becoming a world's leading provider of PV intelligent manufacturing and smart energy solutions



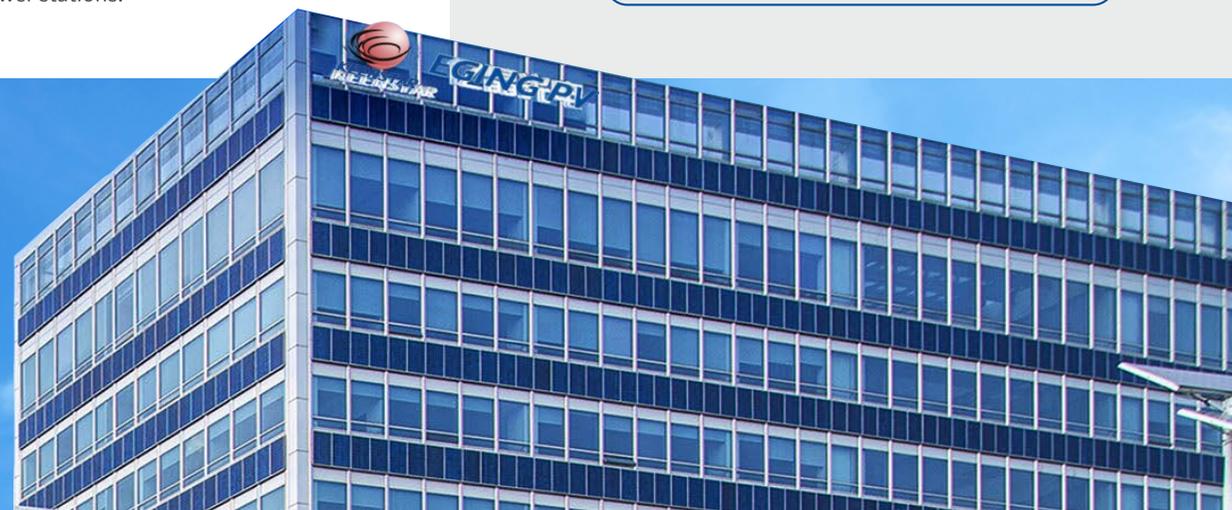
Corporate orientation

Being the preferred supplier of multi-scenario solutions for PV power stations

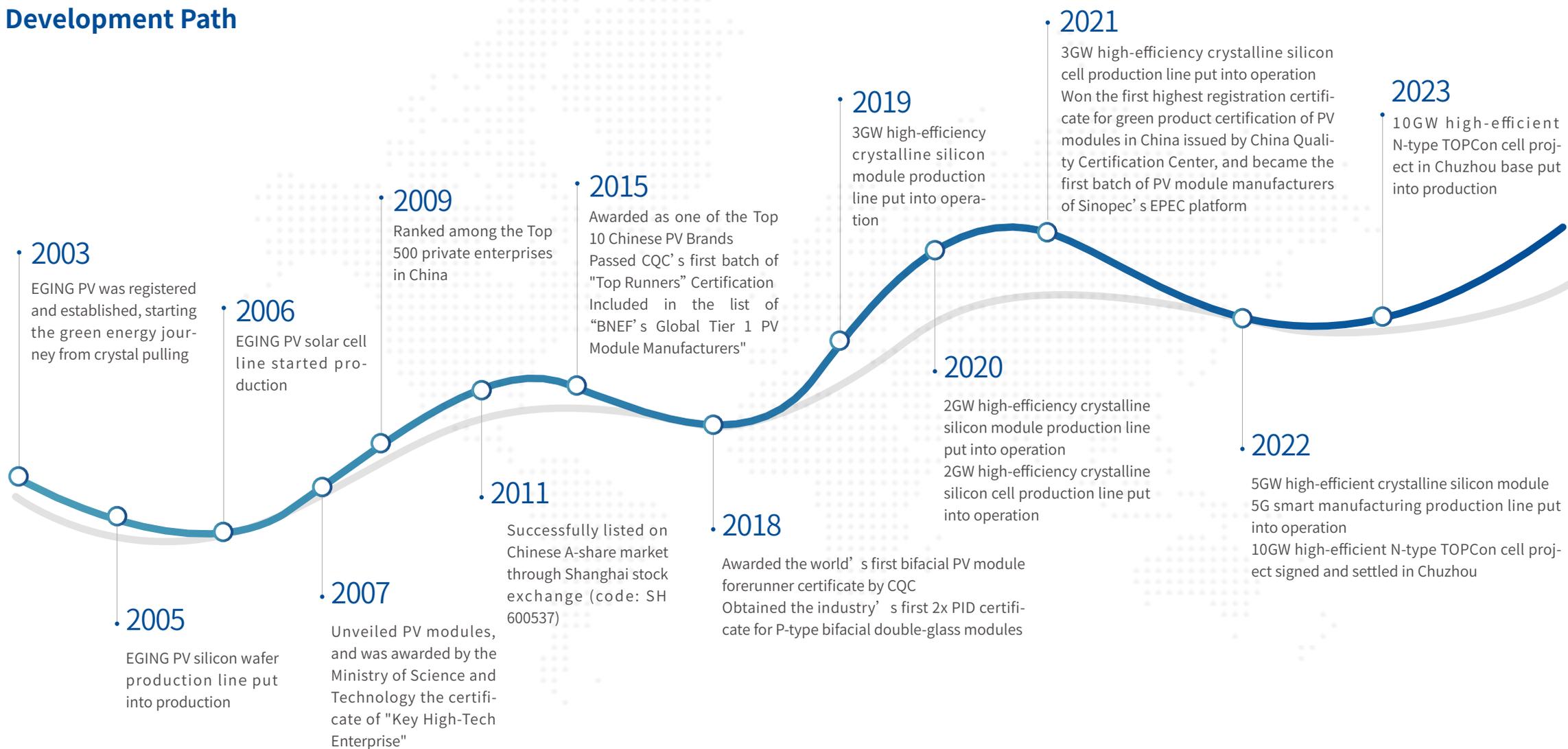


Corporate mission

Delivering the most reliable clean energy



Development Path



Business Presence

World's advanced production lines

Over the years, by taking "providing the most reliable clean energy" as its mission, EGING PV has consistently been on the list of "Global Tier 1 PV Module Manufacturers" by the authoritative global institution Bloomberg New Energy Finance (BNEF) and focuses on four key segments of PV cell manufacturing, PV module enveloping, power station system application, and power station maintenance and operation.



Cell preparation

- High-end production and test equipment
- Selective emitter equipment and technology



Module enveloping

- The most advanced fully automated module packaging line in China
- The CNAS recognized and TUV and VDE certified module laboratory ensures module reliability



Power station system

- Complete product management and global certification systems
- 15 years of experience in project systems
- Customized and reasonable design to maximize returns



Maintenance and operation

- Globally leading intelligent operation system
- Efficient and professional operation & maintenance team and technical team
- Regular inspections to improve user satisfaction

Integrated energy business

EGING PV provides users with a full range of services such as energy storage power station and PV power station-related technology R&D, products and engineering design, technology consulting, EPC general contracting, project management, PV power station operation and management, post-investment financing management and other comprehensive services. The Company also provides customers with differentiated and customized "one-stop smart integrated energy services", which can be applied to various fields such as power generation, transmission, distribution, and utilization and can meet the energy storage needs of both households and industrial and commercial places such as shopping malls, large office buildings, plants, industrial parks, to empower them to achieve the goals of "30•60" (a carbon emission peak by 2030 and carbon neutrality by 2060).



19.8MW Qianjiao/Anhui

- Rooftop distributed power station project
- Adopt the BIPV rooftop structure independently designed by EGING PV



30MW+40MW Changzhou/Jiangsu

- An integrated optical charging and storage project



8MW Zhongshan/Guangdong

- Sewage plant distributed power station project



12MW Xuyi/Jiangsu

- Rooftop distributed power station + industrial and commercial energy storage projects

Global Service

Serving

52 countries

Saving energy and reducing CO₂ emission by

43.75+ million tons



Sustainable Development Strategy



Green manufacturing and circular economy

- Zero-carbon factory
- Green supply chain
- Circular economy and ecological coordination



Technological innovation and product upgrading

- Efficient technology iteration
- Intelligent manufacturing
- Security and reliability management



Social values and global responsibilities

- ESG governance and employee development
- Industrial empowerment and public welfare practice
- International market expansion

2024 Honors and Awards

 <p>WWW.SOLARBE.COM "The Most Influential PV Module Enterprises of 2023"</p>	  <p>Ministry of Industry and Information Technology "The Fourth Batch of Intelligent PV Pilot Demonstration Enterprises"</p>	  <p>Changzhou Municipal People's Government "Four-Star Enterprises"</p>	  <p>Changzhou Municipal People's Government "Digital Economy" Demonstration Enterprises</p>
 <p>Changzhou Municipal People's Government "Top 10 Enterprises in R&D Investment"</p>	  <p>Industry and Information Technology Department of Jiangsu "Provincial-level Leading Manufacturing Enterprises" (the first batch)</p>	  <p>Changzhou Development and Reform Commission "2024 Changzhou Municipal Engineering Research Center"</p>	  <p>"PVBL 2024 World's Top 20 Module Brands and World's Top 100 PV Brands"</p>
 <p>Industry and Information Technology Department of Jiangsu "Intelligent Manufacturing Factory in Jiangsu Province"</p>	  <p>Changzhou Bureau of Commerce "The Fifth Batch of Enterprises for Changzhou Foreign Trade Patent Protection Action"</p>	  <p>Industry and Information Technology Department of Jiangsu "The Five-Star Cloud Enterprise in Jiangsu Province"</p>	  <p>www.in-en.com "2024· Top 10 Good PV Brands for PV Building Solutions"</p>
 <p>Intellectual Property Office of Jiangsu Province "The First Batch of Enterprises for the Overseas Trademark Protection Key List"</p>	  <p>Market Supervision Administration of Jiangsu Province "2024 Jiangsu Province Quality Credit AAA Grade Enterprise"</p>	  <p>PVIC "2024 Top 10 Innovative Cell Enterprises in PV Industry" 2024 Innovative Module Enterprise in PV Industry</p>	  <p>The Ministry of Science and Technology "2024 Green Supply Chain Management Enterprises"</p>

Sustainable Development Management and Actions

- ESG Annual Work Progress
- ESG Governance
- ESG Action Response
- Communication with Stakeholders
- Materiality Issues Evaluation



ESG Annual Work Progress



Winning EcoVadis Silver Medal for Excellent and Sustainable Development Performance



In 2024, EGING PV stood out in EcoVadis rating and won the Silver Medal, ranking in the top 12% of more than 140,000 rated enterprises across more than 220 industries globally. The EcoVadis rating is based on international standards such as the ISO 26000 Guidance on Social Responsibility and the Global Reporting Initiative (GRI) and conducts a comprehensive and in-depth assessment of enterprises across four core dimensions: environmental protection, labor & human rights, business ethics, and sustainable procurement.

This Silver Medal signifies a high-level recognition for EGING PV's sustainable development practices and serves as an incentive for the Company to continuously improve its ESG performance in the future.

Joining the United Nations Global Compact(UNGC)Integrating into international sustainable development network



In 2024, EGING PV officially signed up to become a member of the UNGC. As one of the largest global initiatives for sustainable development, the UNGC has over tens of thousands of enterprise participants from more than 170 countries. The ten principles advocated by the UNGC cover key areas such as human rights, labor rights, environmental protection, and anti-corruption. By joining the UNGC, EGING PV has taken an important step on the global stage of sustainable development.

In the future, EGING PV will, based on UNGC principles, further optimize its strategic planning, work with global partners to promote the achievement of sustainable development goals and contribute to the global sustainable energy cause.



Being selected as one of the state-level “Green Supply Chain Management Enterprises” , leading the green development of the industry

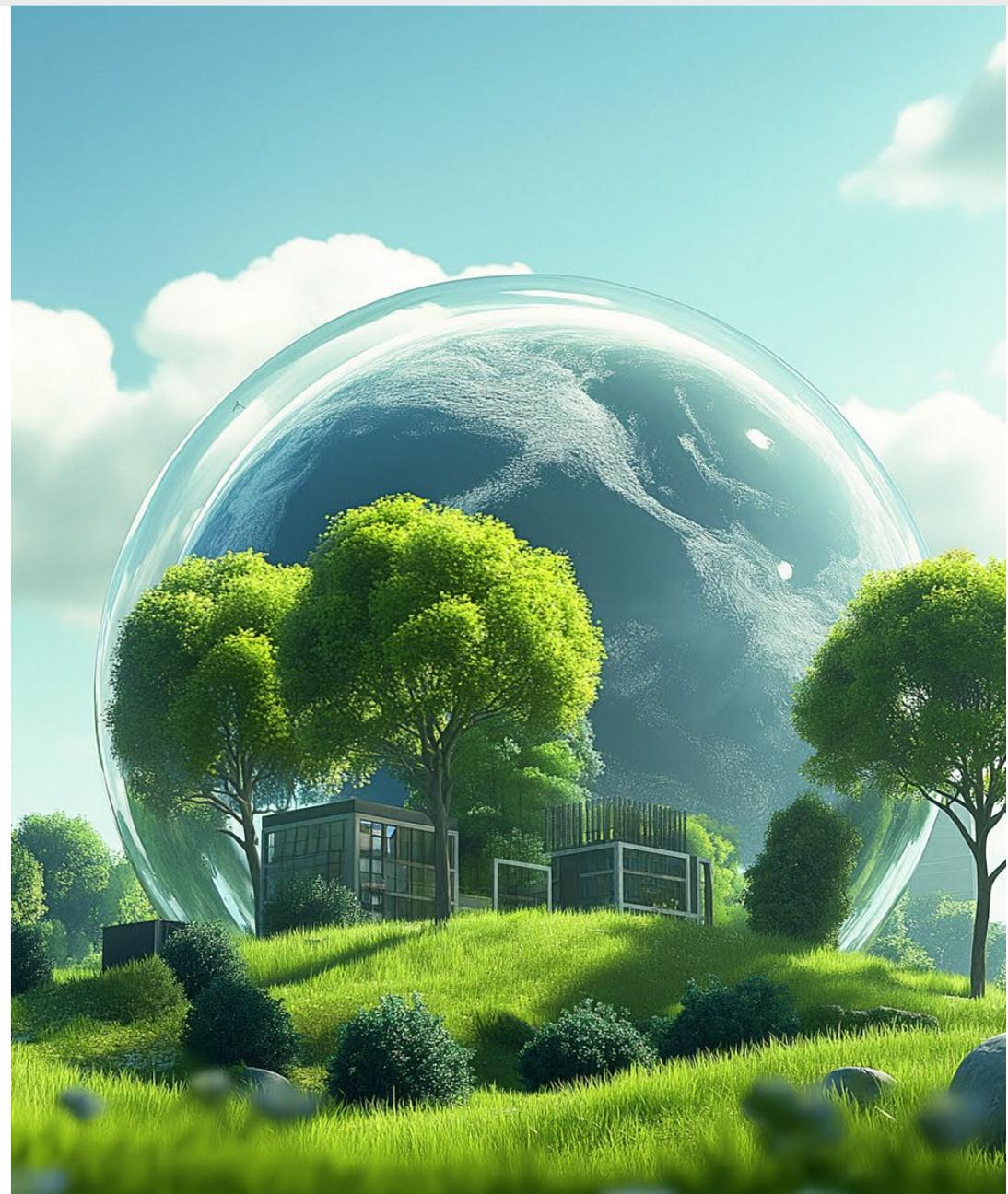
In 2024, EGING PV was successfully included in the 2024 “Green Supply Chain Management Enterprises” list published by the Ministry of Industry and Information Technology (MIIT) of China. The selection of the list aims to encourage enterprises to build green supply chains to achieve the green development throughout the entire life cycle from raw material procurement, production and manufacturing, product sales, to recycling and utilization.

In the future, the Company will take this opportunity to continue intensifying the innovation and investment efforts in green supply chain management, constantly improving the green supply chain management system and standards, playing a more active role in demonstrating and guiding the industry and working with more partners to promote the widespread application and in-depth development of green supply chains in the PV industry.

Fruitful green-related product certifications lay a solid foundation for green development

In 2024, EGING PV successively obtained many product certificates such as “Green Product” Certificate, “Green Building Materials” Certificate, “Product Carbon Footprint” Certificate and “Environmental Product Declaration (EPD)” . These certifications represent the authoritative recognition of the products in terms of environmental protection performance, resource utilization efficiency, and carbon emission reduction.

These certifications show that EGING PV satisfies the resource-saving and environmental-friendly requirements in the entire life cycle of products, which not only improves the market competitiveness of the products, but also promotes the green upgrading of the product mix, empowering the Company to occupy a more favorable position in the green energy market.

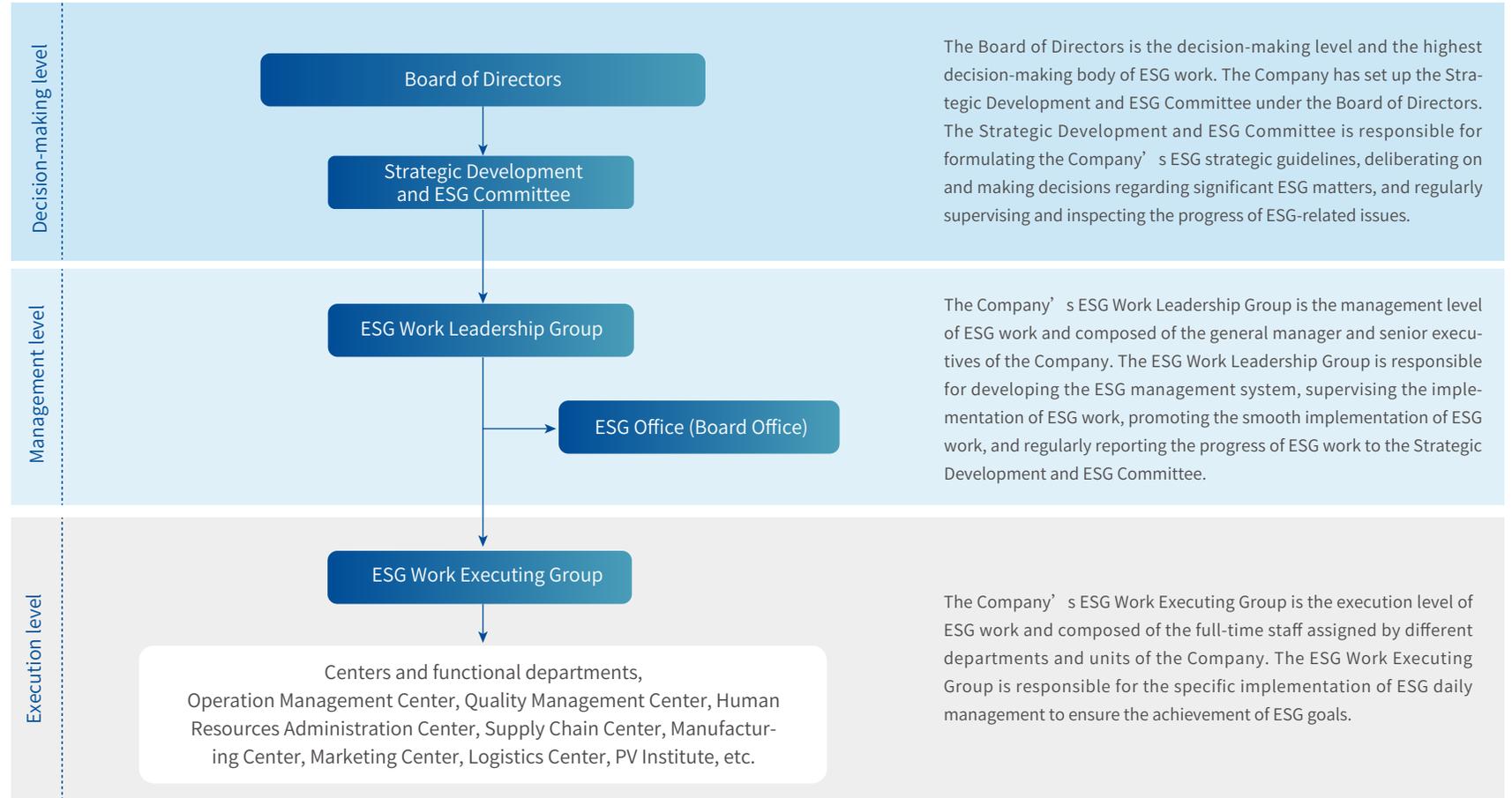


ESG Governance

In 2024, EGING PV further optimized and improved its ESG governance structure to ensure the efficient communication and coordination at the decision-making, management, and execution levels. By clarifying the responsibilities and authorities of each level, the Company has been able to advance its ESG work in a more systematic and scientific way.

In 2024, as the decision-making level of the Company's ESG governance structure, the Board of Directors as well as its Strategic Development and ESG Committee continued to play their role of strategic leadership to ensure that the Company gave consideration to environmental and social responsibilities while pursuing economic interests, so as to promote the sustainable development of the Company. At the management level, the ESG Work Leadership Group coordinated the Company's ESG-related work, integrated ESG concepts into the Company's daily operations and long-term strategic planning, to ensure the effective implementation of ESG initiatives. At the execution level, the ESG Work Executing Group achieved remarkable results in promoting green supply chain management and green product certification and empowering local development, providing strong support for the realization of the Company's ESG goals.

ESG Governance Chart



ESG Responsibilities and Division of Labor

The Board of Directors is the decision-making level and the highest decision-making body of ESG work. The Company has set up the Strategic Development and ESG Committee under the Board of Directors. The Strategic Development and ESG Committee is responsible for formulating the Company's ESG strategic guidelines, deliberating on and making decisions regarding significant ESG matters, and regularly supervising and inspecting the progress of ESG-related issues.

The Company's ESG Work Leadership Group is the management level of ESG work and composed of the general manager and senior executives of the Company. The ESG Work Leadership Group is responsible for developing the ESG management system, supervising the implementation of ESG work, promoting the smooth implementation of ESG work, and regularly reporting the progress of ESG work to the Strategic Development and ESG Committee.

The Company's ESG Work Executing Group is the execution level of ESG work and composed of the full-time staff assigned by different departments and units of the Company. The ESG Work Executing Group is responsible for the specific implementation of ESG daily management to ensure the achievement of ESG goals.

ESG Action Response

The core of the Sustainable Development Goals (SDGs) is highly consistent with the concept of ESG. In order to advance the realization of the United Nations' 17 SDGs, the Company actively responded to the UN SDGs 2030 through its own practical ESG actions:

Joining international organizations: The Company has joined UNGC and is committed to implementing relevant conventions and working with industrial partners to advance the process of global sustainable development.

Conducting cooperation: The Company has established long-term partnerships with domestic power groups and large state-owned enterprises, to jointly promote the construction and development of PV projects, while engaging in industry-university-research cooperation to conduct technology R&D and innovation with universities and research institutions.

Adhering to lawful and compliant operations: The company strictly complied with national and international laws and regulations, upheld market order, and promoted fair competition, and adhered to lawful and compliant operations.

Improving internal governance: The Company has constantly improved the internal governance structure, as well as established and improved the risk management system and internal control system, to ensure its stable development.

Participating in the development of industrial standards: The Company actively participated in the development of industrial standards and collaborated with governments, industry associations and other institutions to drive the sound development of the PV industry.

Lowering the ecological damage risks: By developing the PV industry, the Company reduced the exploitation and use of traditional energy, thereby lowering the risk of damage to the terrestrial ecosystem.

Protecting the surrounding ecosystems: During the construction of PV projects, the Company paid great attention to protecting the surrounding ecosystems, to avoid the impact on the habitats of terrestrial organisms.

Indirect protection actions: The Company contributed indirectly to the protection of living environment of underwater organism by the actions such as reducing carbon emissions to protect water resources. Although there are no direct actions related to this goal, the Company placed emphasis on overall environmental protection.

Establishing an environmental management system: To achieve the goal of reaching peak carbon emissions and carbon neutrality, the Company established a comprehensive environmental management system and took various measures to reduce greenhouse gas (GHG) emissions.

Forging "zero-carbon factories" : The Company obtained the first "Zero Carbon Factory" Certificate in the PV industry issued by the China Quality Certification Center and achieved emission reduction by using renewable energy and implementing energy conservation measures.

Building a green supply chain: The Company integrated green concepts into all aspects of supply chain management and carried out green control in the whole process from raw material procurement and production as well as manufacturing to waste treatment.

Multiple system certifications: The Company has passed multiple system certifications, including ISO 9001 Quality Management System and ISO 14001 Environmental Management System and obtained many product certificates such as "Green Product" Certificate, "Product Green Level Green Leading Three-Star" Certificate, "Green Building Materials" Certificate, and "Product Carbon Footprint" Certificate.

Applying PV products to urban architectures: The Company was actively engaged in building-integrated photovoltaics (BIPV) projects to provide clean energy for cities, reduce carbon emissions, and promote sustainable urban development.

Actively cooperating with the communities: In the process of conducting business, the Company respected local cultures and customs and supported public welfare activities such as the construction of public facilities, to contribute to the community development.

Advocating a fair corporate culture: The Company eliminated employee treatment gaps and discrimination within the enterprise to create a fair and just working environment.

Paying attention to vulnerable groups: The Company actively participated in public welfare activities, such as pairing-up assistance and jointing efforts to support people with disabilities, to provide job opportunities and support for vulnerable groups such as the disabled.



Creating jobs: As the Company continued to grow, EGING PV consistently absorbed labor, to provide stable income for local and surrounding residents and help reduce poverty.

Engaging in public welfare undertakings: EGING PV carried out public welfare activities in fields such as rural revitalization, to empower rural economic development.

Innovating agricultural solutions: Through the "PV + agriculture" model, EGING PV developed the agri-photovoltaic (APV) projects to grow crops or raise poultry under the PV panels, which enhanced the land use efficiency, increased farmers' income, as well as indirectly guaranteed the food security.

Establishing an occupational health and safety management system: EGING PV provided a safe and healthy working environment for employees and conducted regular occupational health check-ups to monitor the health status of employees.

Conducting safety training and drills: EGING PV strengthened the employees' safety awareness and their ability to respond to emergencies, thereby reducing the risk of workplace accidents.

Attaching importance to talent training: Equipped with the postdoctoral research workstation and other research platforms, the Company provided scientific research talents with a sound research environment and rich development opportunities, to train professional talents.

Supporting education: The Company improved the teaching conditions of schools through donations and other ways to facilitate the development of education.

Providing equal opportunities: The Company adhered to the principle of gender equality and based on employees' abilities and performance, provided equal employment opportunities, career development space, and remuneration for both male and female employees in recruitment, promotion, and other aspects. Gender bias is nonexistent in the Company.

Paying attention to water resources management: The Company established a sound water resources management system to improve the efficiency of water resource utilization, reduce water waste, and indirectly contribute to the protection of water resources and the provision of clean draining water.

Guaranteeing employees' living facilities: The Company provided employees with clean and hygienic working environment and living facilities to meet their basic living needs.

Focusing on the R&D and production of PV products: The Company has been committed to the R&D, production and sales of high-efficiency crystalline silicon solar cells and modules, and its products have been widely used in distributed PV power generation projects, PV power stations, etc., to help countries reduce their dependence on traditional fossil energy.

Upgrading employees' skills: The Company carried out training and skills enhancement programs to help employees improve their professional skills and overall quality for decent work.

Promoting industrial development: The Company created tax revenue for the country, drove the coordinated development of upstream and downstream industries, and promoted economic growth.

Building intelligent factories: The Company accelerated the in-depth integration of the industry with the new generation of information technology, such as promoting MES\ERP\TMS projects, to achieve industrial AGV (automated guided vehicle) application coverage and improve production efficiency and product quality.

Supporting energy infrastructure construction: With rich experience in the construction and operation of PV power stations, the Company provided support for energy infrastructure construction.

Communication with Stakeholders

EGING PV attaches great importance to the concerns and demands of stakeholders. By establishing effective communication channels and mechanisms for stakeholders, it timely transmits and discloses information of concern to stakeholders and listens to their feedback and suggestions. After comprehensive analysis and research, the stakeholders of EGING PV mainly include shareholders and investors, regulators, exchanges and rating agencies, customers, suppliers, contractors and other partners, communities, public society and media, employees, non-governmental organizations, industry associations, etc.

Main stakeholders	Shareholders and investors	Regulators, exchanges, and rating agencies	Customers	Suppliers, contractors, and other partners	Community, civil society, and the media	Employees	Non-governmental organizations (NGOs)	Industry associations
Expectations and demands	<ul style="list-style-type: none"> Economic performance Risk management Management structure Business compliance R&D innovation 	<ul style="list-style-type: none"> Compliance management Legal employment Business ethics 	<ul style="list-style-type: none"> Customer privacy and information security Customer service Product quality Safety product performance 	<ul style="list-style-type: none"> Sustainable procurement Business ethics Responsible production 	<ul style="list-style-type: none"> Charity and public welfare Employee rights protection Conservation of ecosystem Resource recycling and waste disposal 	<ul style="list-style-type: none"> Employee health and safety Employee welfare rights protection Employee training and development 	<ul style="list-style-type: none"> Water management Energy Management Responding to climate change Waste management Legal employment 	<ul style="list-style-type: none"> Technological innovation and IPR protection Product management
Main communication method	<ul style="list-style-type: none"> Shareholders' meetings Periodic report disclosure Daily communication (phone calls, emails, and meetings) 	<ul style="list-style-type: none"> Disclosure of information Compliance training Questionnaire survey 	<ul style="list-style-type: none"> Global service platform Customer visit Quarterly operation communication meeting Customer satisfaction survey 	<ul style="list-style-type: none"> Regular evaluation and review Supplier conference Daily communication (phone calls, emails, and meetings) 	<ul style="list-style-type: none"> Community project cooperation Charity activities Daily communication (phone calls, emails, and meetings) 	<ul style="list-style-type: none"> Employee communication group Company opinion email Company feedback service number Employee satisfaction survey questionnaire 	<ul style="list-style-type: none"> Disclosure of information Daily communication (phone calls, emails, and meetings) 	<ul style="list-style-type: none"> Exhibition International standard setting Academic exchange activities Industry association meetings

Materiality Issues Evaluation

In order to deeply explore the core expectations and demands of stakeholders and improve the pertinence and materiality of ESG report of EGING PV, the Company systematically carried out the four-stage work of “Issues Identification - Issues Research – Issue Analysis - Issue Screening”:



Issue identification

- In the process of streamlining the business processes and value chain, the Company conducted a whole-process review of ESG risks and opportunities across the full value chain, from cell production and module enveloping to sales and after-sales services, including the sustainability of the supply chain in the upstream procurement, energy consumption and carbon emissions in the production process, and product compliance and customer privacy protection in downstream sales services.
- Based on the 21 issues set out in the *Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)* and in combination with the characteristics and development stage of the industry, its own business models, and the value chain, the Company identified issues of financial materiality or impact materiality and developed a preliminary issue list.



Issue analysis

- Impact materiality analysis: evaluating economic, social, and environmental impacts of each issue around several key dimensions, such as scale of impact, scope of impact, irreversibility, likelihood of occurrence, and long-term trends;
- Financial materiality analysis: analyzing the potential impact of each issue on company finance, including impacts on revenues, costs, profits, cash flows, financing costs, etc.



Issue research

- The Company created and distributed the 2024 ESG Materiality Issues Questionnaire to eight dimensions of stakeholders, including governments and regulators, shareholders and investors, customers, employees, suppliers and partners, communities, media, and others;
- The Company conducted communication and interviews with 16 important functional departments, such as the Securities Department, the Marketing and Brand Department, the Information Management Department, the Procurement Department, the System Certification Department, the Quality Control Department, the Safety and Environment Department, and the PV Institute.



Issue screening

- In combination with the evaluation results of the two dimensions, covering impact materiality and financial materiality, the Company ranked the issues in a comprehensive manner to determine the issues that had dual material impacts on the Company;
- Based on the comprehensive evaluation results, the Company screened out the issues of high materiality to ensure that the issues could not only reflect the core demands of stakeholders, but also met the actual development demands of enterprise, laying a solid foundation for the preparation and disclosure of ESG reports.



Materiality issues evaluation matrix



Materiality issues

Environmental dimension	Social dimension	Corporate governance dimension
1 Responding to climate change	8 Sustainable procurement management	16 Corporate governance system
2 Waste discharge and management	9 Product quality and safety	17 Risk management and internal control
3 Energy management	10 Employee' s occupational health and safety	18 R&D innovation
4 Water resource management	11 Employee' s rights and interests and labor management	19 Anti-corruption
5 Recycling	12 Employee' s care	20 Digital construction
6 Green innovation	13 Customer service	21 Privacy and data security
7 Green certification	14 Rural revitalization	22 IPR protection
	15 Charity and voluntary service	

01

Focusing on Ecological Protection to Build a Solid Green Foundation

- Environmental Compliance
- Responding to Climate Change
- Energy Management
- Water Resource Management
- Waste Discharge Management



Environmental compliance

Environmental management policies



Environmental management system

In accordance with the requirements of the *Environmental Protection Law of the People's Republic of China*, the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes*, and other national laws, regulations and relevant documents, the Company has established an ISO14001 environmental management system, the *Environmental Prevention and Control Responsibility System and the Environmental Prevention and Control Management System*, and clearly defined the responsibilities of each department and post for environmental protection and control; and built an environmental prevention and control leading group with the General Manager as the leader, the head of the Department of Safety and Environmental Protection as the deputy leader, and other department heads as members.



The Company has obtained the ISO 14001 environmental management system certification.

Environmental protection action

The Company highly recognizes that Chinese path to modernization is a modernization in which man and nature coexist harmoniously. Respecting nature, complying with nature, and protecting nature are the inherent requirements for building a modern socialist country in an all-round way. It is also EGING PV's consistent value pursuit of providing customers with eco-friendly products and services. Over the years, the Company has been practicing the concept of "Lucid waters and lush mountains are invaluable assets" and has effectively protected the environment by signing Green Maintenance Contract with suppliers, greening the factory area, posting environmental protection propaganda signs, and providing energy-saving and emission-reduction training, to seek common development with partners in terms of harmonious coexistence between man and nature.

Environmental testing and assessment

The Company has carried out environmental protection monitoring and assessment on soil environment, water environment, three wastes (waste gas, wastewater, and waste residues), raw material, product packaging materials, etc. in the important links such as procurement and production and signed a *Letter of Guarantee for Non-use and Banning of Hazardous Substances* with suppliers, to strengthen the environmental protection in a chain manner from the upstream to downstream.

The Company's business operations are guided by the principles of reducing the environmental burden on the Earth and enhancing its environmental carrying capacity. The Company strictly adheres to national and international laws and regulations concerning environmental protection and green, low-carbon development, refuses to use products that do not meet global social responsibility standards and strives to minimize the use of products with high environmental impact.

Responding to Climate Change

In an era when the global energy revolution is led by the goals of “carbon peaking and carbon neutrality”, to proactively disclose climate-related risks and opportunities in line with the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD) is not only a necessary choice to response to the transparency requirements of capital market but also a proactive commitment by EGING PV to promote ecological governance of the earth with the power of science and technology.



Governance

EGING PV has established a sound governance structure to ensure the effective implementation of the climate change-related work. The Board of Directors regularly reviews the Company’s climate change strategies to ensure that they are aligned with the Company’s overall goals and sustainability strategies. The management of the Company undertakes the specific executive responsibilities of climate change-related work, coordinates the work of various functional departments of the Company in energy conservation, consumption reduction and emission reduction, and ensures the relevant measures are implemented effectively. In terms of external communication, the Company actively keeps the close communication with regulators, industry associations, investors, and other stakeholders, discloses the Company’s measures and effects on climate change in a timely manner, responds to the concerns of all parties, and establishes a good corporate image.



Strategies

EGING PV has carried out a comprehensive assessment on the entity risks, transformation risks and opportunities based on its operating locations and climate conditions. For example, in response to extreme climate events such as floods and heat waves, the Company has taken a series of preventive measures, formulated emergency response plans and organized drills regularly. In response to transformation risks, the Company paid close attention to changes in policies and regulations and made timely adjustment on its own development strategy and business layout. With the increasingly stringent global requirements for carbon emissions, the Company has taken preemptive steps to deploy low-carbon technologies and products and increased R&D investment to enhance its environmental performance and market competitiveness of products. Meanwhile, the Company has also strengthened cooperation with upstream and downstream enterprises, to jointly promote the green transformation of industrial chains and reduce the uncertainty stemming from transformation risks.

Entity risks (some examples)

Risk description	Response measures	Impact extent	Time range
Extreme weather (such as torrential rains, floods, typhoons, etc.) can cause damage to production facilities, resulting in production reduction or suspension	Strengthen protection and reinforcement of production facilities, formulate emergency response plans, and conduct exercises regularly; purchase property insurance to reduce the risk of loss;	High	Short, medium, and long terms
Unpleasant change of climate can impact the efficiency and lifespan of PV modules.	Continue the R&D and optimization of PV module technology to enhance temperature adaptability; strengthen monitoring and maintenance of PV power stations to adjust operating parameters in a timely manner;	Moderate	Medium and long terms
Water resource shortage can affect water demand in the production process (e.g., the production process in cell workshop).	Optimize the production process and improve the efficiency of water resources utilization; set up rainwater collection system to realize the recycling of water resources; work with local governments and water authorities to ensure water supply;	Moderate	Medium and long terms

Transformation risks (some examples)

Risk description	Response measures	Impact extent	Time range
The PV industry is accelerating transformation towards more efficient and low-carbon technologies. As a result, the Company's existing technologies and production capacities face the risk of becoming obsolete.	Continue to increase R&D investment, pay attention to cutting-edge technologies in the industry, and actively develop and reserve new technologies; make rational plan for capacity expansion to avoid over-reliance on existing technologies and capacities.	High	Medium and long terms
Policies and regulations have increasingly stringent carbon emission requirements for PV companies, and the Company may face the risk of increasing compliance costs.	Pay close attention to policy and regulatory developments and adjust production and operation strategies in advance to ensure compliance with carbon emission standards; actively explore the application of carbon capture, utilization, and storage (CCUS) and other technologies to reduce carbon emissions.	Moderate	Short, medium, and long terms
As consumer preferences shift towards low-carbon and eco-friendly products, companies that fail to meet these demands may face the risk of losing market share.	Strengthen market research to understand the changing trend of consumer demands; enhance the R&D and promotion of green products, improve the environmental protection properties and market competitiveness of products.	Moderate	Medium and long terms

Opportunities (some examples)

Risk description	Response measures	Impact extent	Time range
The growth of global demand for clean energy has brought broad market space for the PV industry.	Intensify market development efforts, expand domestic and foreign market channels; continue to optimize product performance and cost and improve product market share.	High	Short, medium, and long terms
Technological innovation pushes up the efficiency of PV industry and reduced the cost, and the Company is expected to gain competitive advantages through technological upgrading.	Strengthen the cooperation with scientific research institutions and universities to carry out joint innovation between industries, universities, and research; establish internal technological R&D incentive mechanism to encourage employees to innovate.	Moderate	Medium and long terms
Governments around the world are ramping up their support for renewable energy, providing policy guarantee for corporate development.	Pay close attention to policy developments and strive for policy support; participate in the development of industry standards to enhance the Company's voice and influence in the industry.	Moderate	Short, medium, and long terms



Risk Management

EGING PV has integrated climate risk management into its risk management system in an all-round way.



Risk identification stage

Through regular risk assessment meetings, industry research and expert consultation, the Company comprehensively identified various types of risks related to climate change, including entity risks and transformation risks, and included them in the Company's risk list.



Risk assessment stage

The Company employed a combination of qualitative and quantitative methods to assess the identified climate risks and determine the likelihood of their occurrence and the extent of their impact.



Risk response stage

Based on the results of the risk assessment, the Company made a specific response to each climate risk, such as the response to entity risks and transformation risks as described above, and these responses were integrated with the Company's overall strategic planning and business operations to ensure the effectiveness and feasibility of the risk responses.



Risk monitoring stage

The Company has established a perfect risk monitoring mechanism. By means of internal audit, operational data analysis, market trend monitoring, the Company tracked changes in climate risks and the implementation effects of response measures in real time and adjust risk response strategies in a timely manner.

The Company has set a clear frequency for the monitoring and assessment of climate-related risks:

For entity risks

Such as extreme weather risks, the Company utilizes meteorological monitoring data and disaster early warnings to conduct real-time monitoring. In the event of abnormal weather conditions, the Company immediately activates its emergency response plan. Additionally, the Company conducts a comprehensive assessment of the protection status of production facilities and the effectiveness of emergency response plans annually. Based on the assessment results, the Company makes improvements and refinements.

For transformation risks

Such as technological transformation risks and policy and regulation risks, the Company also conducts irregular tracking and analysis of changes in industry dynamics and policies and regulations to adjust its technological R&D and strategic layout in a timely manner. The Company carries out a comprehensive risk assessment once a year, re-evaluating the impact extent and development trends of various transformation risks to ensure that it can respond to risk changes in a timely manner.

Indexes and Objectives

Carbon emission management

EGING PV actively promotes carbon inventory and carbon footprint accounting and discloses the results of Scope 1, 2, and 3 emissions to provide data support for climate change response efforts. By optimizing the production process and adopting energy-saving equipment to improve energy efficiency, the Company effectively lowers carbon emissions in the production process. Moreover, the Company has further reduced its dependence on traditional energy by building PV power stations and using clean energy to generate electricity.

Organization GHG emissions

According to the verification by a domestic authoritative third-party organization, the total GHG emissions of EGING PV's Changzhou Base, from January 1 to December 31, 2024, was 378,166 tons of CO2 equivalent, mainly including direct GHG emissions generated from the production and manufacturing of the Company's PV products and related management activities, indirect GHG emissions related to energy use, indirect GHG emissions caused by some transportation activities, and indirect GHG emissions resulting from the use of certain products/services by the organizations. Through GHG verification, the Company can have a clear picture of its carbon emissions and then formulate targeted emission reduction strategies, such as upgrading or replacing high-emission equipment to reduce direct emission levels.



The Company has obtained ISO 14064 organization GHG verification certificate.

Scope and volume of GHG emissions

Scope	Volume (tCO ₂ equivalent)	Proportion (%)
Scope 1	799	0.21
Scope 2	42,898	11.34
Scope 3	334,468	88.44
Total	378,166	100



Total GHG emissions:
378,166 t CO₂ equivalent

GHG verification results provide the data base for the Company to set scientific and reasonable emission reduction targets and are helpful for the Company to disclose the effects and efforts in addressing climate change to investors, customers, and other stakeholders.

Carbon neutrality actions

EGING PV’s emission reduction path covers the whole process from raw material procurement to product delivery.

In terms of raw material procurement, the Company gives priority to selecting low-carbon and eco-friendly raw material suppliers to reduce carbon emissions in the supply chain. In terms of production and manufacturing process, the Company constantly optimizes the production process, adopts advanced production equipment and energy-saving technology to reduce energy consumption and waste discharge. In terms of product design, the Company pays attention to the energy-saving performance and recyclability of products and develops more products that meet green standards. In the daily business process, by installing rooftop PV power stations and direct purchase of green electricity, the Company changes its energy use structure and improves the proportion of green electricity use. In addition, the Company also promotes carbon neutrality in an all-round way by transforming energy-consuming equipment, improving operational efficiency, and cultivating a low-carbon culture.

Zero carbon factory

EGING PV has obtained the certificate of “Zero Carbon Factory” certification issued by CQC. Zero carbon factory refers to that the GHG emissions generated during production and service within a certain period of time (usually on an annual basis) is calculated by the carbon dioxide equivalent (CO2 equivalent) within the boundaries of GHG emission accounting; on the basis of voluntary emission reduction as much as possible, the remaining emissions are removed by emission reduction projects outside the accounting boundary, and/or offset by a corresponding number of carbon credits.



EGING PV has obtained the certificate of “Zero Carbon Factory” certification in PV industry.

Product carbon footprint

EGING PV has obtained the product carbon footprint certificate issued by TÜV Rheinland. Product carbon footprint refers to the total carbon emissions of a product or service throughout its full lifecycle. In each stage of the product lifecycle, the use of a large amount of energy and the generation of pollutants and the emission of GHGs are involved. Therefore, the Company should examine the impact on the environment at each stage from a perspective of product full lifecycle, and seize the opportunities for low-carbon emission reduction in product design, production, and supply, etc. TÜV Rheinland has performed carbon footprint verification on EGING PV’s six crystalline silicon PV module products for various stages of the product lifecycle - “from cradle to gate”.

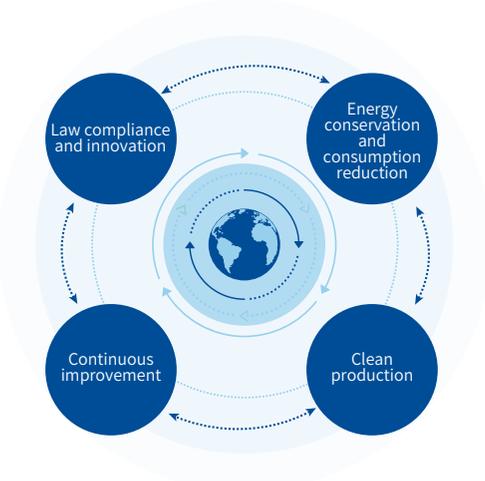


EGING PV has obtained the ISO 14067 product carbon footprint certificate.



Energy Management

Energy management policy



The Company consciously abides by energy-saving laws, regulations and standard requirements, scientifically manages the work of various departments by implementing the energy management system within the Company and strictly following the requirements of the energy management system procedural documents; continuously adopts new processes, new technologies, and new equipment to improve or replace high-energy-consuming process equipment; continually improves energy management to achieve energy conservation and consumption reduction, and comprehensive utilization of resources; reduces costs and increases benefits to jointly creates a green and low-carbon EGING PV.

Construction of energy management system

In order to establish and continuously improve the Company's energy management system, reduce energy consumption, improve energy utilization efficiency, and achieve high-efficiency and low-consumption production, EGING PV has compiled the Energy Management Manual as a programmatic document for the Company's energy management in accordance with ISO50001:2018 Energy Management System - Requirements and Usage Guideline and in combination with the Company's actual situations. The Manual describes the Company's requirements for the energy management system and is applicable to energy management activities involving production, products, and management processes. It sets forth the Company's energy policy and goals and is a regulatory document for the Company to fully implement the energy management system requirements, and a code of conduct that must be followed for implementing the energy management.

The Company has formulated complete energy management work procedures. Through the measures such as energy management system certification, zero-carbon factory planning, and energy review and by means of rooftop PV projects and green electricity green certificate procurement, the Company has actively promoted the new technologies, new processes and new materials, constantly optimized the energy consumption structure, reduced energy consumption levels, and improved energy utilization efficiency and economic benefits.



The Company has obtained ISO 50001 energy management system certification.

Energy management actions

Each production and administrative departments of the Company should strictly implement the electricity management system formulated by the Company. It includes turning off lights when people leave to eliminate unnecessary lighting; reducing the electrical load of air conditioners, advocating to reduce the use of air conditioning in offices by one hour, setting the temperature no lower than 26°C in summer, and turning off the air conditioning when no one is in the office. When the air conditioner is in operation, doors and windows should be kept tightly closed except for necessary ventilation. In areas where fans are used, the phenomenon of "unattended fans" should be eliminated; adopt high-efficiency electric motors, gradually phase out high energy-consuming equipment, and promote the use of low energy-consuming facilities; actively develop new types of high-efficiency modules, enhance production efficiency, increase yield rates, and reduce energy consumption per unit of product; and conduct operational control and adjustments in accordance with the standards specified in the Regulations for the PV Manufacturing Industry (2021 Edition).



Water Resources Management

EGING PV has actively implemented various regulations on water resources management issued by Jiangsu Provincial Department of Water Resources and listed the water conservation as a key task under the vigorous support and guidance at the provincial, municipal and district levels; and reduce the consumption of water resources by strengthening management, taking water-saving measures, and implementing water-saving renovation.

Case | “Wastewater Recycling” water-saving project

EGING PV built a recycling water tank to recycle the concentrated water generated in the pure water production process. The recycled water would be used for toilets and the cooling tower, realizing the recycling of water resources and improving the utilization rate of water resources of the Company. By implementing this water-saving project, the Company expects to save approximately 600 tons of water per day, with an annual water savings of about 210,000 tons. In addition, the Company has built a rainwater collection tank with a design volume of 100 cubic meters and planned to use the collected rainwater for green-irrigation.



Concentrated water collection tank



Concentrated water collection tank

In terms of daily management, EGING PV has formulated a raft of management rules and regulations on energy and water conservation, which clearly stipulate the management, maintenance and inspection of water supply facilities, equipment, and instruments. In addition, it has developed the water-saving publicity and mobilization activities as well as training sessions for many times to publicize water-saving knowledge and water-saving tips to employees, conducted water-saving questionnaires to know the employees' awareness of water-saving, and continuously improved the effectiveness of water-saving efforts. Moreover, the Company has won the title of “Water-saving Enterprise in Jiangsu Province”.

Water-saving management action

The Company continuously optimized the production process and actively promote the recycling of water resources to reduce the industrial water consumption; made monthly summary statistics of water consumption in each workshop and conducted operational controls and adjustments according to the standards specified in the Regulations for the PV Manufacturing Industry; actively promoted automatic water-saving equipment and appliances in terms of water-consuming equipment for production and daily use, and strengthened equipment inspection and maintenance to prevent the phenomena of escaping, spilling, dripping and leaking; tried to use recycled wastewater to flush toilets and wash floors, water flower beds and other facilities in the premise of meeting environmental protection standards.

In the future, by upholding the concept of “Saving Water and Scientific Use of Water” , EGING PV will continuously optimize the management of water conservation efforts, tap the potential for water saving, and formulate feasible water-saving measures and plans, to firmly follow the path of green and low-carbon development and achieve a win-win situation for corporate economic efficiency and social benefits.



Waste Discharge Management

EGING PV' work on emissions and waste management:

Wastewater management



Wastewater mainly includes production wastewater and domestic sewage.

To effectively monitor the wastewater discharge, the Company has installed water quality monitoring equipment at each wastewater generation point and the main discharge outlet to continuously monitor key indicators such as the flow rate, pH value, chemical oxygen demand (COD), ammonia nitrogen, and fluoride levels of the wastewater. Additionally, the Company regularly entrusted the third-party professional testing institutions to conduct comprehensive inspections to ensure the accuracy and reliability of the data.

The wastewater after treatment is discharged into the Second Wastewater Treatment Plant in Jintan District or the Wastewater Treatment Plant in the Development Zone of Quanjiao County.

Waste gas management



Waste gas mainly includes low-concentration particulate matters, non-methane hydrocarbons, volatile organic compounds, and so on.

The Company uses an online monitoring system to monitor the concentration and emission rate of pollutants in waste gas, including particulate matters, sulfur dioxides, nitrogen oxides, fluorides, and volatile organic compounds (such as non-methane hydrocarbons) in real time for 24 hours. In addition, the Company has carries out regular manual monitoring to ensure the integrity of the monitoring data.

After being treated through the alkaline liquid spray absorption tower/filters/ activated carbon adsorption devices, the waste gas is discharged into the atmosphere via a tall exhaust stack.

Solid waste management



General industrial solid wastes include sludges, waste air conditioning filter cottons, silane dusts, non-woven press filter cloths, as well as domestic wastes.

The Company conducts statistics and monitoring on the generation and disposal of solid wastes to ensure its proper disposal.

The Company has entrusted the qualified environmental protection companies, such as Changzhou Ranton Environmental Protection Technology Co., Ltd. and Yangzhou Chenxuan Environmental Protection Co., Ltd., to dispose the general industrial solid wastes, and entrusted local sanitation service companies to dispose the domestic wastes.

Noise management



Noises mainly come from the operation of production equipment.

The Company regularly monitors the noise levels at the factory boundary. For example, from May to June 2024, the Company entrusted Zhongke ASM (Jiangsu) Inspection and Testing Co., Ltd. to conduct noise testing. The test results showed that the daytime noise level at the eastern boundary of the factory was around 51 dB(A), while the nighttime noise level was around 46 dB(A).

Through measures such as equipment maintenance, layout optimization, and sound insulation, the Company has ensured that noise emissions at the factory boundary met the required standards.

02

Embracing Technological Innovation to Lead the Path to the Future

- R&D Innovation
- Green Products and Solutions
- Intellectual Property Protection



R&D Innovation

Forerunner in photovoltaic technology

Over the years, EGING PV has been on the list of “Global Tier 1 PV Manufacturers” by BNEF, a global authoritative rating agency, and also one of the “Top Runners” PV base suppliers in China. EGING PV has the “International Science and Technology Cooperation Base” authorized by the International Science and Technology Cooperation Department of the Ministry of Science and Technology, the postdoctoral research workstation, Jiangsu (EGING) PV Engineering Research Institute, Jiangsu Solar Energy Materials Engineering Research Center, Jiangsu Enterprise Technology Center, and other scientific research and development platforms.



Cutting-edge manufacturing technology

In recent years, EGING PV has continued to increase capital and expand production, of which the production line is highly compatible with the latest technology of M10/G12. Its 5G intelligent manufacturing project of efficient modules has been put into operation and is compatible with the latest technology of TOPCon and HJT. Series module products have passed VDE, TÜV, CE, MCS, CEC, UL, INMETRO, CQC and other international authoritative certification. With high-quality products and hassle-free after-sales services, EGING PV has won widespread recognition and praises from users around the world.



The cell production workshop: adopt MES+AGV intelligent management model to achieve the digital and automated operation, and collaboratively develop the advanced process TOPCon mass-production technology.



The module production workshop: adopt intelligent production line and automatic optical inspection and judgment equipment (based on AI technology) to detect the defects of module products visually and replace the traditional manual detection, enhancing the test efficiency and improving product yield. Intelligent production line equipment has adopted precise positioning welding solutions and achieved millimeter-level precision positioning required for MBB module production.



Green Products and Solutions

Green product declaration (EPD) certification

The Company has been awarded UL EPD certification for P-type and N-type modules and has mutual recognition with the Italian EPD. EPD is a life cycle assessment (LCA) of a product, covering the full life cycle from material extraction, production, transportation, consumption, to final disposal, and is validated by UL Solutions according to the international ISO 14025 standard. EPD provides buyers with information on the environmental impact of products, such as global warming potential, smoke generation, ozone depletion, and water pollution. After obtaining the UL EPD certificate, the Company's products are simultaneously registered and published on the Italian EPD platform.



Green product certification

EGING PV has been awarded the Green Product Certification Certificate by CQC. Green products refer to high-quality products that meet the environmental protection requirements in the whole life cycle, do no harm or little harm to the ecological environment and human health, and consume less resources and energy.



Green building materials certification

The Company has been awarded the Green Building Materials Product Certification Certificate by CQC. Green building materials, also known as ecological building materials and eco-friendly building materials, refer to non-toxic, non-hazardous, non-radioactive building materials conducive to environmental protection and human health. The production of green building materials using clean technology could reduce the consumption of natural resources and energy and consume a lot of industrial or urban solid wastes.



These certificates including EPD, "Green Product" and "Green Building Materials" certificates serve as a testament to the high reliability, low attenuation, and low energy consumption of its products. Looking forward, the Company will continue to actively carry out green building projects and contribute to the achievement of the goals of carbon peaking and carbon neutrality.

Product impact and life cycle

Scrapped PV panels generated at the end of the life of PV products contain heavy metals such as lead and tin. If they are not disposed of properly, serious environmental pollution problems may be produced. Other materials such as copper, silver, silicon can be reused in the production of PV products, thereby saving rare resources, and promoting the economic value circulation. The Company has signed an agreement with the European PV Cycle Agency. PV modules at the end of the product life will be professionally handled by hundreds of branches in Europe to provide customers with comprehensive collection and recycling services. The agreement covers countries including Italy, France, Germany, and the United Kingdom, Poland, and Spain, etc. In the future, the Company will continue to expand the service scope to achieve resource recycling development.

Established in July 2007 and headquartered in Brussels, Belgium, PV Cycle is an association dedicated to the recycling and reuse of the scrapped PV products in Europe. Since its inception, the association has grown rapidly and garnered support and attention of numerous PV industry giants both at home and abroad, with a PV market share of more than 85% in Europe now.

Green product design

Case | Rectangular module product Pro+ series

N-type TOPCon technology has won market recognition for its “Four Highs and Four Lows” strengths, namely, high power, high efficiency, high bifacial ratio, and high power generation, low attenuation, low temperature coefficient, BOS (Balance of System), and low LCOE (Levelized Cost of Electricity). EGING PV’ s Pro+ series, built on the Pro products that utilize TOPCon technology, has further integrated rectangular cell technology, which further improves its module power and conversion efficiency. Meanwhile, the rectangular cells can maximize the utilization of container space and effectively reduce transportation costs. At the power station system end, it can further reduce BOS costs, thereby enhancing customer value. Therefore, the Star Pro+ series modules using this technology not only have higher product reliability but also offer better commercial value.



Here is a photo of the rectangular cells of EGING PV

Green product application

Case | Successful grid connection of Chuzhou EGING rooftop PV power station project

In May 2024, the 19.8MW rooftop power station project of Chuzhou Eging Photovoltaic Technology Co., Ltd. (hereinafter referred to as “Chuzhou EGING”) was successfully connected to the grid. The PV power station project is located on the roof of the factory workshop, covering a total installation area of about 100,000 square meters, which is an ultra-large-scale power station project among the industrial and commercial rooftop PV power stations at present. The modules used in the project are all 450W PV modules produced by Changzhou Eging Photovoltaic Technology Co., Ltd. (hereinafter referred to as “Changzhou EGING”). The products are specifically designed for new-type roofs and use more than 44,000 modules, and the total investment in the project is RMB 64 million.

After the project is connected to the grid, it is expected that the average annual power generation will reach 21.067 million kWh, and it will save 8,426 tons of standard coal, reduce carbon dioxide emissions by 21,004 tons and sulfur dioxide emissions by 202 tons.



Here is a photo of the 19.8MW BIPV project at Chuzhou EGING Base

Average annual power generation
21.067 million kWh

Reducing carbon dioxide emissions
21,004 tons

Reducing sulfur dioxide emissions
202 tons

Intellectual Property Protection

Since its establishment, EGING PV has attached great importance to intellectual property management, contributing to a high-quality development pattern of intellectual property from the formulation of intellectual property strategy to the promotion and implementation of the strategy. At the same time, the intellectual property strategy works together with the Company's business strategy and R&D strategy to benefit each other, and plays a big role in supporting the Company's business development. In the future, EGING PV will continue to strengthen its intellectual property management, comprehensively enhance its comprehensive competitive strength in intellectual property, and build itself into an innovative enterprise with strong intellectual property awareness, rich innovative vitality, and significant transformation results.

Intellectual property milestones of EGING PV:



In 2024, EGING PV had an accumulative number of 26 authorized patents, including 5 invention patents and 21 utility model patents. By the end of 2024, the Company has had 375 valid patents, including 149 invention patents, 223 utility model patents, and 3 appearance patents. Moreover, the Company obtained one software copyright registration certificate in 2024. Over the years, the project products independently developed by EGING PV have won some honors such as the national-level key new products, the National Torch Plan industrialization demonstration project, and the provincial-level major technological result commercialization project.

03

Deepening Value Creation to Embody Responsibility and Commitment

- Product Quality and Safety
- Customer Services
- Supply Chain Management
- Digital Construction



Product Quality and Safety

Quality management policy



Quality management system construction

EGING PV has established and is operating under the standards of ISO 9001:2015 Quality Management System. This system covers the whole process from raw material procurement to product delivery to ensure the systematic and standardized natures of quality management. The Company strictly adheres to relevant standards and integrates quality requirements into every production stage. By controlling product quality at the source, the Company provides customers with reliable and stable products and services.



The Company has obtained the ISO 9001 Quality Management System Certification.



Quality culture Construction

The Company places high importance on the construction of quality culture and creates an atmosphere where everyone values quality by various means. On the one hand, the Company organizes all staff to learn the ISO 9001 quality management system standard to enhance their understanding of the operational procedures, standards, and methods of the quality management system and to improve their awareness of quality. On the other hand, the Company integrates the concept of quality into its corporate values and advocates that “Quality is the life of the enterprise” to enable every employee to recognize the importance of quality in their thinking and to consciously comply with quality requirements in their work.



Case

The First QC Achievements Release and Review Meeting of EGING PV

September was the “National Quality Month”. By adhering to the philosophy of “Enhancing Quality Awareness and Promoting High-quality Development”, EGING PV responded to the national call and held its first QC achievement release and review meeting. The event aimed to comprehensively improve its R&D and quality and upgrade the capabilities of related process control personnel in identifying, analyzing, and improving issues, thereby promoting all staff to engage in the all-round improvements to achieve the goal of excellent quality.



Laboratory construction

Established on May 1, 2007, EGING PV module testing laboratory mainly tests raw materials of modules and module products, providing reliable quality assurance for the Company’s products. With more than 100 sets of testing equipment and instruments, the laboratory can conduct professional tests of module raw materials and PV module products, embracing the testing capability of 20 large tests and 96 small tests. In October 2011, the module testing laboratory was awarded the National Laboratory Accreditation Certificate by China National Accreditation Service for Conformity Assessment (CNAS), marking that the laboratory is entirely in line with ISO/ IEC17025 and CNAS-CL01 standards and requirements. In addition, it’s also the TDAP laboratory of the international photovoltaic certification body VDE.

Product safety and reliability management

The PV Institute has complete management systems and management documents for laboratory reliability tests, such as the *Laboratory Test Process Management System* and the *Public Financial Management and Maintenance System of PV Institute*. In terms of product reliability, the institute conducts product tests in strict accordance with the requirements of IEC61215 and IEC61730, ensuring that the EGING PV's products meet the reliability requirements of the International Electrotechnical Commission (IEC).

In the process of R&D and mass production, DFMEA/PFMEA tool may be used for experimental design and mass production risk prediction, which can effectively reduce and prevent risks. In addition, the R&D project process follows the IEC62941 standards for better project management.



Case

EGING PV passed seismic certification for modules

In June 2024, EGING PV partnered with Blockchain Testing (Zhejiang) Co., Ltd. to conduct seismic testing and certification for its PV modules. EGING PV's Star Pro+ series (2382113430) successfully passed the seismic intensity test at a magnitude of 9 on the Richter scale, earning the seismic certification for PV modules. This achievement demonstrates that EGING PV's modules are capable of withstanding rigorous seismic conditions, offering high stability and reliability, and delivering stable performance and greater value to customers.



Adhering to the philosophy of “technological innovation and reliable product quality,” EGING PV conducts rigorous performance tests on all products before market launch, ensuring consistent product reliability. By staying at the forefront of technology, the Company has also earned the trust of customers in product quality, establishing a solid foundation for sustainable growth.

Product traceability management

Digital traceability system is a product traceability management system based on digital technology, also known as digital source tracing system, which is used to track and manage all aspects of the product production process. Through the collection, recording and analysis of production-related data, the system can realize the overall monitoring of raw materials, production process, product after-sales and other links, as well as product tracking and backtracking.

Raw materials and OEM traceability

It's to identify and record raw materials before they are put into production. Bar codes, RFID and other technical means can be used to record the batch information of raw materials, production time, suppliers and other key information.

Production traceability

Production plan

ERP establishes production plans and instructions, defines the production process and flow of products. Through the digital system, it issues production instructions to the MES system, ensuring the standardization and normalization of the production process.

Product packing and warehousing

MES can record box code information, including outgoing product information, and outgoing product type and grade. It also records outgoing information for each shift in real time. The data means a great deal for product traceability and can help determine the source and flow direction of products.

Digital traceability and monitoring

MES conducts real-time monitoring of each stage of the production process. It collects and uploads the data to the database, and records and tracks the information of each link of products, to achieve the whole-process monitoring and traceability of product quality. In addition, it also makes the digital processing of the data to enhance management efficiency and accuracy.

Equipment monitoring

Monitor the status and operation situation, failure information and maintenance & repair records of production equipment to detect equipment failures and repair them in a timely manner, ensuring the normal operation of equipment.

Production data monitoring

Monitor the completion situation of production schedule and production plan, adjust the production plan in time, and ensure that the production tasks are completed on time.

Quality monitoring

Monitor product quality and all quality indicators in the production process, detect quality problems in time and take measures to ensure that product quality meets the standards.

Process monitoring

Monitor production process parameters and the changes in production environment, and adjust the process parameters and production environment in time, to ensure the stability and reliability of production process.

Energy consumption

Monitor energy consumption in the production process, identify energy-saving potential in time and take measures to cut production costs.

Through the overall monitoring and data collection of the production process, ensure the integrity of the life cycle management information. The production traceability and abnormality investigation can help to quickly locate the reasons for the anomaly, thus enhancing the production efficiency and product quality and reducing production costs.



After-sales traceability inspection

After receiving complaints or problem report from customers, record relevant information, including product model, purchase time and problem descriptions. Based on the products' unique identification code or batch information, trace the production data of such products to determine possible links related to problems. In view of the possible problems, make an in-depth analysis, sum up the experience and lessons according to the evaluation results, and continuously improve product design, production process and after-sales services, so as to enhance product quality.

Customer Services

After-sales service

After years of on-site efforts, EGING PV has established a sound after-sales service mechanism and process. Even in the highly competitive PV market, EGING PV still stands at an advantage in after-sales services, which is especially demonstrated in the enthusiasm and timeliness of handling problems.

In 2024, the total business trips of after-sales service personnel were up to 3,744 working days, with the number of service sites exceeding 105.



The Company has passed the GB/T 27922-2011 after-sale service certification.

Three main advantages of after-sales services

24-hour response speed
7*24*365 seamless after-sale services

The project commissioning technical support team
Provide on-site technical support for up to 265 days per year

Active return visits
Conduct regular quality visits to ensure safety and quality

Supply Chain Management

Sustainable procurement management

EGING PV implements the full life-cycle management of suppliers, and has developed a set of scientific and effective management methods from supplier access, supplier evaluation and supplier appraisal to supplier withdrawal. In addition, EGING PV has required suppliers to sign the *Guarantee Letter for the Non-Use and Prohibition of Hazardous Substances*, *Anti-Bribery Commitment Letter*, *Social Responsibility Commitment Letter* and *Trade Security Notice Letter* and other normative documents, enabling the Company to tighten the supervision in raw materials procurement.

Supplier social responsibility assessment

The Company conducts social responsibility training for newly-introduced suppliers, requires suppliers to make social responsibility commitments, promotes suppliers to truthfully perform their responsibilities in terms of environment, labor, human rights, and business ethics, and continuously improves the duty performance efficiency. EGING PV gives priority to the suppliers with better social responsibility performance. In 2024, EGING PV conducted a social responsibility assessment for qualified suppliers, and the proportion of the suppliers passing the performance assessment reached 100% during the Reporting Period.



Avoid conflict minerals

The Company has required its suppliers to sign a *Statement of Commitment for Non-use of Conflict Minerals*, which includes:



The metals used or contained in all products or modules delivered by the Company are not “conflict minerals” from the Democratic Republic of the Congo (DRC) and its neighboring countries and any areas controlled by armed forces in such countries;



The Company will intensify the management of suppliers, formulate relevant management systems and regulations to effectively identify and trace the source of raw materials, ensure the legitimacy of raw material sources and prevent the use of conflict minerals, and will agree to accept the audit of the source of raw metals by stakeholders;



The Company will truthfully fill in and reply to the questionnaire and provide other information about “conflict minerals” as required, make a promise on the authenticity, accuracy and completeness of the replies and the data provided.



Awarded as a national-level “green supply chain management enterprise”

In December 2024, EGING PV was listed among the “Green Supply Chain Management Enterprises” released by the Ministry of Industry and Information Technology. This marks another national-level green manufacturing honor for EGING PV, subsequent to its designation as one of the first “National Green Factories” in 2017. The honor highlights EGING PV’s excellent performance in six key areas, namely green supply chain management strategy, green supplier management implementation, green production, green recycling, green information platform development and green information disclosure.

EGING PV has achieved remarkable results in building green supply chains. In raw materials procurement, the Company has prioritized suppliers with environmental certifications to ensure sustainable sourcing. In manufacturing, EGING PV has adopted a lean production model to optimize the production process, minimizing resource waste and environmental impacts in production. Furthermore, the Company is active in ecological design, so that its high-performance products are easier to recycle and reuse. In sales and logistics, EGING PV has refined its logistics and distribution schemes to reduce carbon emissions during transportation.



Digital Construction

For EGING PV, digital and intelligent transformation is the only path to development. As early as in 2016, EGING PV attempted to launch the ERP systems in some of its modules. After 2021, EGING PV's annual performance growth continued to double, and the Company has entered a stage of rapid development. In 2022, with a view to meeting the needs of efficient management and operation in the context of the rapid growth, the Company's Information Department formally proposed the integrated management strategy of MES+ERP, and strived to build the isolated system into an integrated platform and to raise the overall informatization and intelligence level to a new height.



Large Data Screen of EGING PV

After one-year efforts, EGING PV completed the acceptance of the intelligent manufacturing integrated system project, and realized the docking of the three workshops and the three sets of MES systems. In addition, through innovation, EGING PV has achieved double cost accounting, including each piece (module) cost accounting and per watt (power) cost accounting, which supports order cost, quotation cost and other multi-dimensional and multi-level analysis, control and warning. EGING PV's information technology has updated from ERP1.0 to ERP2.0. The project team arranged and standardized more than 20 business processes in the implementation course: such as R & D work order control, OEM business buyback, quality inspection, and work order settlement within the same month. In result, modularized design has been applied to businesses lacking defined processes or clear responsibilities through the implementation so as to achieve the precision and transparency of business data, helping EGING PV's informatization construction to step into a new level.

With the help of digital and intelligent system tools, EGING PV has better carried out the innovative concept in the technical reform of the workshop and the operational management of the Company, and realized cost reduction and efficiency improvement. In the future, the Company will continue to deepen and refine the digital and intelligent reform, laying a solid foundation for greater and further development and becoming a new benchmarking enterprise in digitalization and intelligence.



Case

EGING PV won the honor of an Intelligent Manufacturing Factory of Jiangsu Province in 2024

In June 2024, Jiangsu Provincial Department of Industry and Information Technology released the *List of Certified Intelligent Manufacturing Factories of Jiangsu Province in 2024*, and EGING PV was on the list as an “intelligent factory of PV cell modules”, marking that EGING PV ranks among the best in the industry of intelligent PV manufacturing.



EGING PV Intelligent Manufacturing Demonstration Workshop

Relying on the industrial Internet platform, EGING PV comprehensively applied collection and analysis technologies, and integrated information technology management and control systems in all production and operation links, achieving real-time, accurate and effective collection, transmission and storage of data of raw materials, technical process, production process, equipment and energy information. By means of big data technology, the Company explored deep production knowledge, optimal operating conditions and optimum control systems, gradually made key production and operation links more intelligent, and created 24 scenarios in 10 links, namely planning and dispatching, production operation, warehousing and logistics, equipment management, quality control, safety control, energy control, factory construction, product design and after-sales service, achieving in-depth optimization at all levels of production and manufacturing systems and excellent management throughout production and operation processes, and building high-end intelligent manufacturing demonstration factories.



Intelligent workshop function display (part):

Comprehensive application of intelligent equipment

The workshop's intelligent equipment achieves the networking rate of more than 90%, and the MES system is applied to fully monitor the equipment with data acquisition capability and achieve real-time monitoring and online management of equipment, comprehensively enhancing the use efficiency of equipment.



Comprehensive application of intelligent equipment

The energy consumption data collected by MES in real time is saved and summarized to generate a statement for display, which is convenient for relevant management personnel to make the trend analysis and comparative analysis of energy consumption indicators.



Accurate delivery of production materials

The WMS system can help to realize the visual management of warehousing. The workshop uses AGV and other automation equipment and information technology to achieve the intelligent distribution and delivery of production materials. The AGV scheduling system can plan routes and distribute materials in time based on MES material needs. The use of information technology and bar code technology can help make the entire logistics process efficient, controllable and traceable.



Accurate delivery of production materials

The monitoring device is installed to collect temperature and humidity data and then upload the data to the environmental monitoring system.



Real-time control of production process

The production plan is made through the ERP system, and the corresponding production orders and monthly production plan are sent to the MES system. The MES system reasonably allocates the production orders according to the number of work orders and in consideration of the personnel, equipment capacity, the quantity of materials in stock, and others.



Real-time control of production process

The MES system establishes a unified coding system to ensure the uniqueness of the identification of each production link, and can accurately trace the source and destination of any link in the production process.



As of 2024, EGING PV won number of intelligent and digital technology and other relevant honors, such as the "National 5G Factory", the "Intelligent PV Pilot Demonstration Enterprise of the Ministry of Industry and Information Technology", the "AA-Level Enterprise of Information Technology and Industrialization Integration", the "Intelligent Manufacturing Factory in Jiangsu Province", "The Intelligent Manufacturing Demonstration Workshop in Jiangsu Province" and "The Five-Star Cloud Enterprise in Jiangsu Province". In the future, EGING PV will continue to promote the level of intelligent PV manufacturing, and release more innovative products and technologies.



04

Strengthen Compliance Operations to Build a Solid Risk Barrier

- Corporate Governance System
- Internal Control Construction
- Internal Audit
- Business Ethics
- Information Security



Corporate Governance System

EGING PV has continuously improved the corporate governance structure, strengthened and implemented the internal control system, standardizes operations, and further regulated behavior in accordance with the *Company Law*, the *Guidelines on the Governance for Listed Companies*, the *Basic Norms for the Internal Control of Enterprises* and other laws and regulations, as well as the latest requirements of the China Securities Regulatory Commission and the Shanghai Stock Exchange on corporate governance. The Company has strengthened communication with investors, fully safeguard the interests of investors and stakeholders, and keep improving corporate governance.

Governance Structure



General Meeting of Shareholders



The Company has strictly regulated the convening, holding, and voting procedures of the general meeting of shareholders in accordance with the *Articles of Association* and the *Rules of Procedure for the General Meeting of Shareholders*. The equal status of and full exercise of rights by all shareholders, especially the small and medium-sized shareholders, have been guaranteed in accordance with law, without any circumstances which are detrimental to the interests of small and medium-sized shareholders.

Board of Directors



The Company elected and appointed directors in strict accordance with the *Company Law*, the *Articles of Association* and other regulations, and the selection and appointment procedures were open, fair, and just. The Company's Board of Directors consists of 9 directors, with a reasonable professional structure and rich experience in the industry. All the directors have maintained an attitude of objectivity and rigor, diligence, seriousness and responsibility, and continuous learning in performing their duties, and put forward their own suggestions in a prudent and reasonable manner to ensure the efficient development of the Company. The Board of Directors has set up the Strategic Development and ESG, Audit, Nomination, Remuneration and Evaluation Committees, each of which has abode by the relevant rules of procedure and performed its duties conscientiously, playing an important role in regulating and assisting the Board of Directors in the decision-making process.

Board of Supervisors



The Company elected supervisors in strict accordance with the *Company Law*, the *Articles of Association*, and other relevant regulations. The Company's Board of Supervisors consists of three supervisors, and the number of members and composition of the Board of Supervisors follow laws and regulations. During the Reporting Period, the members of the Company's Board of Supervisors have diligently performed their duties, carried out compliance supervision over the Company's major issues, financial position, and performance of duties by directors and senior management, etc., and exercised other authorities stipulated in the *Articles of Association and Rules of Procedure for the Board of Supervisors of the Company*, so as to effectively safeguard the legitimate rights and interests of the Company and shareholders and to enhance governance and standardized operation.

Holding of General Meeting of Shareholders, Meeting of Board of Directors and Meeting of Board of Supervisors

In 2024, the Company held a total of 4 general meetings of shareholders, reviewed and approved 20 resolutions; the matters to be deliberated included election for the Board of Directors, reappointment of financial and internal control audit institutions. It held a total of 7 meetings of Board of Directors, reviewed and approved 44 resolutions, and the matters to be deliberated included transactions of foreign exchange derivatives, stock options and restricted stock incentive plans. In addition, it held 7 meetings of Board of Supervisors, reviewed and approved 23 resolutions, and the matters to be deliberated included the work report of the Board of Supervisors and the revision for the rules of procedure of the Board of Supervisors.

General meetings of shareholders
4 Reviewed and approved **20** resolutions

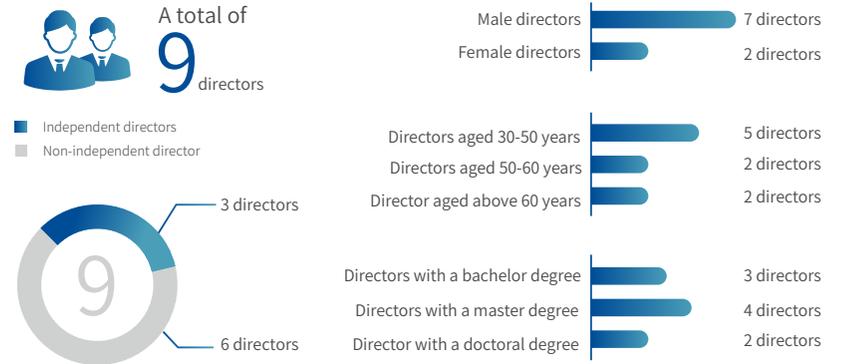
Meetings of Board of Directors
7 Reviewed and approved **44** resolutions

Meetings of Board of Supervisors
7 Reviewed and approved **23** resolutions

Construction of Board of Directors

The Company gives full consideration to the age, gender, professional background, industry experience and other factors of board members to ensure the optimization and diversity of the composition of the board of directors.

As of December 31, 2024, the Company has a total of 9 directors, including 3 independent directors and 6 non-independent directors. Among the board members, there are 2 female directors and 7 male directors. According to the age distribution, there are 5 directors aged 30-50 years, 2 directors aged 50-60 years, 2 directors aged above 60 years; according to the distribution of education background, there are 3 directors with bachelor's degrees, 4 directors with master's degrees, and 2 directors with a doctoral degree. The incumbent board members have professional abilities in industry, finance, law, management, etc., and have rich industry experiences.



The Company answered **65** questions from investors, with a reply rate of **100%**

Investor relations

The Company has formulated the *Regulations on Investor Relations Management* to standardize the relations management of investors (including potential investors), strengthen information communication between the Company and investors, and effectively protect the legitimate rights and interests of investors, especially public investors. The Company has emphasized communication with investors, timely explained its own operation and future plans to investors, respected investors' ideas and suggestions, and maintained a good relationship with investors and fully safeguarded the legitimate rights and interests of investors. The Company has attached great attention to the harmonious development with the society, suppliers, customers, employees and stakeholders, and has effectively fulfilled its social responsibilities and obligations.

In 2024, the Company answered 65 questions from investors, with a reply rate of 100%.

Compliance information disclosure

The Company has formulated internal system documents such as the *Information Disclosure Management Policy*, *Responsibility System for Major Errors in Annual Report Information Disclosure*, *Regulations on Administration of Information Disclosure Suspension and Exemption Business*, to define the responsibilities of information disclosure obligors and standardize information disclosure procedures and content. In accordance with the requirements of relevant laws and regulations, the Company ensures that the disclosed information is true, accurate, complete, concise, clear, and easy to understand, without false records, misleading statements or major omissions.

In 2024, the Company disclosed a total of 143 documents relating to corporate governance, periodic reports and financial data, independent directors' performance, standardized operations, equity incentives, external guarantees, abnormal stock fluctuations and major shareholders.



A total of **143** documents regarding major events
disclosed by the Company

Protection of shareholders' rights and interests

In accordance with the *Measures for the Administration of Independent Directors of Listed Companies*, the Company has revised the *Rules of Work of Independent Directors* and *Annual Report Working System of Independent Directors*, standardized and regulated the circumstances under which independent directors express their opinions, ensuring that they can fully exercise their duties by issuing written opinions and conducting prior reviews to provide professional advice and suggestions to the Board of Directors.



Internal Control Construction

EGING PV has established a relatively sound internal control system and internal control system in accordance with the requirements of relevant laws and regulations such as the *Company Law*, *Securities Law*, *Guidelines for Internal Control of Listed Companies*, and *Enterprise Internal Control Standards*. In the process of establishing, improving and implementing the internal control system, the Company mainly considers the internal environment, risk assessment, control activities, information and communication and internal supervision.



Control environment

It includes the overall plan for internal control construction, the specific plan and implementation status of establishing and improving the internal control system, the establishment and implementation of the internal control, audit and supervision department, etc.



Risk assessment

The Company has established a comprehensive risk management leadership group and working group to identify, analyze and evaluate the risks it faces based on changes in the Company's internal and external environments, and evaluate the overall major risks.



Control activities

Activity control includes incompatible duty segregation control, authorization approval control, accounting system control, property protection control, budget control, operational analysis control, performance evaluation control, major risk early warning and emergency response mechanisms, etc.



Information and communication

It includes external information disclosure and internal information disclosure, etc. The Company has formulated the *EGING PV Information Disclosure Management System*, and the information disclosure matters are under the unified leadership and management of the board of directors.



Internal supervision

The Company's management conducts regular evaluation on the effectiveness of internal controls. The Company's audit committee performs annual assessments of the audit effectiveness and results, and discusses them with the audit committee and the audit department.



Internal Audit

It mainly includes internal control audit, special audit, daily audit supervision and other audits, etc.

Internal control audit

Internal control audit is another important business scope of internal audit, which mainly includes the Company's risk assessment, process audit, compliance audit, etc. The main contents are as follows:

Organize, implement and complete the self-evaluation of annual internal control in accordance with the work requirements of the China Securities Regulatory Commission and the Shanghai Stock Exchange for listed companies;



Organize the revision of the internal control manual according to the requirements of internal audit work.



Complete the improvement of relevant matters, rectification responses, and audit and inspection of annual major matters according to the requirements of internal control inspection.



Special audit

Organize to implement and complete 11 special audit tasks including annual operation management, fixed assets management, logistics and warehousing management, financial revenue and expenditure management, infrastructure project management, labor and employment management of Zhixi Power Station according to the annual internal audit work plan, communicate with the relevant departments and personnel regarding the problems and hidden risks discovered during the audit in a timely manner, and supplement and improve the relevant business processes in accordance with internal control requirements.

Daily audit supervision

Actively participate in supervising and managing matters of all business departments, oversee the audit work proactively, engage in bidding management for scrapped asset disposal, safety and environmental protection and other businesses as well as waste material disposal in advance, and conduct supervision throughout the process, ensuring the compliance and transparency of the Company's businesses.

Other audits

Conduct audits on some unexpected risk matters that arise in its daily production and operations. For example, we participated in and completed inspections and investigations on the management of spare parts of the workshops.

Business Ethics

Competition and fair dealing

The Company is committed to competing fairly and honestly, advocating winning competitive advantages with excellent quality and services, and abandoning unethical and illegal business practices. No one may gain an unfair competitive advantage through manipulation, concealment, abuse of information, distortion of facts, or any other illegal business practices.

The Company requires all employees to treat customers, suppliers, competitors and other employees with respect and fairness.

Conflict of interests

All employees must act in the best interest of the Company as a whole, and their behaviors must reflect the Company's commitment to integrity, ethics, and professionalism to its customers, suppliers, shareholders, and the public. Accordingly, all employees must ensure that any financial, commercial, or other behavior in which they are involved after work does not conflict with the interests of the Company.

All employees shall report any conduct that may cause a conflict with the Company's interests.

Anti-corruption and upholding integrity

The Company actively carries out anti-corruption work and has formulated relevant regulations such as *Company Integrity Initiative*, *Employee Integrity Handbook*, and *Employee Integrity Guarantee Commitment*, and specified the responsible entities. All employees should abide by national laws and regulations and the Company's rules and regulations, work with integrity, keep honesty and trustworthiness, abide by professional ethics and work disciplines, serve the Company wholeheartedly, and effectively safeguard the Company's legitimate rights and interests.

Anti-fraud

The Company's Internal Audit Department is a standing organization for anti-fraud work and is responsible for the Company's anti-fraud work, including assisting the management, departments and subsidiaries in self-assessment and independent assessment of anti-fraud work, reviewing and evaluating the establishment and implementation of the anti-fraud control mechanisms of the Company and its subsidiaries, accepting and registering fraud reports, organizing the investigation of fraud cases, issuing handling opinions, and reporting to the management, board of directors and board of supervisors, etc.

Reporting channels and whistleblower protection

The Company has established an anti-fraud and reporting system and set up the reporting hotline, email and address to ensure that reporting and complaints become an important approach for enterprises to effectively grasp information.

Reporting channel

 Reporting hotline
86-519-82588805

 Reporting email
Egingjubao@egingpv.com

 Reporting address
Internal Control and Audit Department, 8/F, Administration Building, No. 18, Jinwu Road, Yaotang Town, Jintan District, Changzhou

Information Security

Development of information security management system

To enhance the Company's information security management capabilities, strengthen trusts from customers, partners and employees to the Company, and enhance its market competitiveness and brand reputation, EGING PV has established an ISO 27001 information security management system to demonstrate its expertise in information security and compliance with international standards. The move provides the motivation and direction for continuous improvement in information security management, and pushes the Company to continuously optimize and enhance its information security management system to address ever-changing network security threats and business demands.



The Company has passed the ISO 27001 information security management system certification.



Information security management actions

The Company's information security management efforts mainly include:

System and process construction

The Company places high importance on the development of information security system, and has established a series of relevant systems, including computer room management, backup management and technical specifications for industrial control access to production network, providing clear basis and norms for information security management. Meanwhile, the Company has built data access, processing, storage, backup, deletion and other standardized processes, ensuring compliance in all operations and effectively reducing security risks caused by human errors.

Authority management

In terms of authority management, the Company takes strict measures. First, the Company controls its computers with AD domain controllers, prohibits employees from downloading irrelevant software without permission, and requires the administrator to install and download all software in a unified manner, effectively creating a safe and stable network environment for the Company. Second, it strictly manages employee terminals, requires employees to access the Company's network with domain account and password, and prohibits access to entertainment and other external websites.

Information security training and routine inspections for computer rooms

The Company regularly organizes information security training to effectively enhance employees' awareness in preventing threats, such as phishing links and unsafe online behaviors, and improve their information security literacy, reducing security incidents at the source. Meanwhile, the Company conducts routine inspections of computer rooms to ensure normal operation of servers, storage devices, switches and other equipment, monitor temperature and humidity levels in computer rooms, and promptly discover and resolve equipment failures and environmental problems, providing reliable hardware support for the Company's information systems.

Data encryption and monitoring logs

The Company attaches importance to the security of data transmission, and encrypts data with IPsec and other protocols to prevent theft or tampering during data transmission, ensuring data confidentiality and integrity. Moreover, it regularly reviews firewall and Sangfor's logs to timely detect and handle abnormal traffic, bugs and other potential security risks, ensuring stable and secure operation of the Company's network and information systems.

Backup, recovery, and third-party management

The Company conducts regular backups of virtual machines and other critical data, and organizes data recovery drills to ensure that the backup function is normal and can recover data in case of data loss or corruption, minimizing losses caused by business interruptions. In third-party management, the Company performs the security evaluation for cooperative third-party suppliers to ensure their compliance with service requirements, and signs contracts to define their responsibilities for data security and privacy protection, safeguarding the Company's data security and privacy rights.



05

Sticking to the Bottom Line of Safety to Ensure Stable Operations

- Safety Production Management
- Double Prevention Mechanism
- Occupational Health Protection
- Emergency Response



Safety Production Management

Construction of safety production organization system

In order to improve the Company's production safety management level and enhance its ability to prevent and respond to accidents, EGING PV has set up a production safety committee as the Company's leading body for production safety in accordance with the requirements of production safety regulations. The Safety and Environmental Protection Department is the Company's production safety management body and is responsible for the Company's daily production safety management. The Human Resources Department is the Company's occupational health management body and is responsible for the management of the Company's daily occupational health management. The general manager (president) is the first responsible person of the Company's production safety and occupational health work.

Safety production responsibility system

In 2024, the Company revised the safety production responsibility system for all employees, involving 39 departments and 68 positions in various departments and subordinate departments of the Company. The Company president signed the pledge for safety production responsibility with the heads of each center and department, and required them to paste the handwritten pledge for safety production responsibility in their workplaces to remind themselves of their safety production responsibilities at all times.



Departments and subordinate
departments of the Company

39

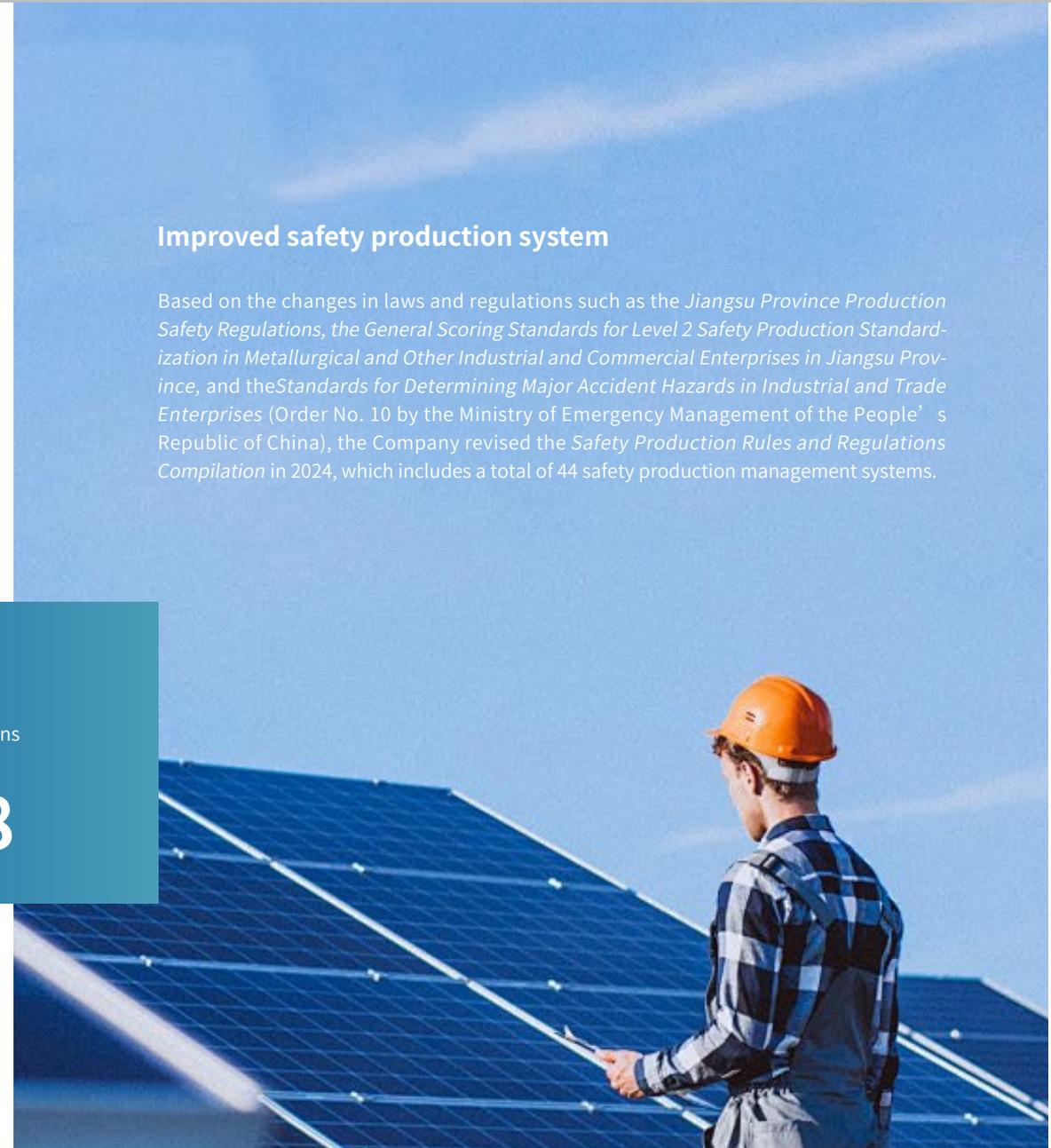


Positions

68

Improved safety production system

Based on the changes in laws and regulations such as the *Jiangsu Province Production Safety Regulations*, the *General Scoring Standards for Level 2 Safety Production Standardization in Metallurgical and Other Industrial and Commercial Enterprises in Jiangsu Province*, and the *Standards for Determining Major Accident Hazards in Industrial and Trade Enterprises* (Order No. 10 by the Ministry of Emergency Management of the People's Republic of China), the Company revised the *Safety Production Rules and Regulations Compilation* in 2024, which includes a total of 44 safety production management systems.



Safety production training for employees

According to the *2024 Safety Production Education and Training Plan*, the Company organized training for 68 main leaders and executives, held 7 sessions of annual safety education and training for safety production management personnel, company-level emergency rescue team members and all workshop staff, and completed the 2024 annual safety training and education assessment for all employees in December 2024. In 2024, the Company organized 93 sessions of third-level safety education for newly recruited employees and 20 sessions of safety education and training for external construction parties entering the factory.



Trainings for leaders and executives

68

Session of third-level safety education for newly recruited employees

93



Session of annual safety education and training

7

Session of safety education and training for external construction parties entering the factory

20



Case

Changzhou EGING PV Technology held the third forklift skills contest among employees

On September 25, 2024, the Warehousing Department and the Company's Trade Union organized the third forklift skills contest successfully. More than 20 forklift drivers from the Warehousing Department and the Module Business Unit competed in the contest to share their experience and make improvements. Forklift driver is one of the most active jobs in manufacturing and logistics as well as the key to safe and efficient operation of forklifts. The Company carried out special training on forklift equipment and operation safety from time to time to ensure its high-quality development.



Double Prevention Mechanism

Risk classification control, investigation and management of hidden dangers

According to the *Regulations on Safety Production Risk Reporting for Industrial Enterprises in Jiangsu Province* (Provincial Government Order No. 140), the Company organized safety risk identification and evaluation work in 2024, and established a risk management and control list (66 items), including 34 major safety risks, 27 general safety risks and 5 minor safety risks. The management and control measures are formulated from such aspects as engineering technology, on-site management, education and training, personal protection, emergency response, etc., and the responsible departments and responsible persons have been specified. A total of 34 major safety risks have been reported through Government Affairs Platform of Jiangsu Province.

According to the *2024 Work Plan for Accident Hazard Investigation and Management*, the Company organized the key personnel in charge to participate in a comprehensive inspection of production safety every quarter, to study, analyze and solve existing problems in production safety; organized them to participate in a comprehensive inspection of production safety every month, and actively proposed suggestions to improve the safety production management. In accordance with the *Standards for Determining Major Accident Hazards in Industrial and Trade Enterprises* (Order of the Ministry of Emergency Management of the People's Republic of China (No. 10)) and referring to Articles 3, 7, 13, and 14, the inspection was conducted to determine no major accident hazards. The Department of Safety and Environmental Protection supervised the implementation of safety production rectification measures in various departments, and as of December, a total of 260 potential accident hazards have been investigated and handled.



Occupational Health Protection

Occupational health management policy



Construction of occupational health management system

The Company has passed the ISO 45001 occupational health and safety management system certification in 2010, established an “occupational health leadership group” led by the president. It has clarified that the Company’s Human Resources Department and Safety and Environmental Protection Department are the Company’s occupational health management agencies, and their job responsibilities are defined. An occupational health management system and operating procedures have been established, and relevant occupational health management measures have been implemented through annual occupational disease prevention and control plans and implementation plan. Meanwhile, the Company’s occupational health files and workers’ health monitoring files are established and improved gradually.



The Company passed the ISO 45001 occupational health and safety management system certification.

Management of occupational hazard factors

Every year, the Company entrusts qualified occupational health technical service agencies to conduct regular testing of occupational disease hazard factors in the workplace, and the test data are all qualified; alarm devices were provided in the toxic and harmful workplaces where acute occupational injuries may occur, and on-site first aid supplies, flushing equipment, emergency evacuation channels and necessary hazard relief areas were equipped and established.

In May 2024, the Company organized the regular testing of occupational disease hazard factors, involving two dust positions, seven chemical factor positions, 32 noise position and one power frequency electric field positions. The test results were all in compliance with the *Occupational Exposure Limits for Hazardous Agents in the Workplace*.



Occupational health surveillance

The Company organizes employees who are exposed to occupational disease hazardous agents to conduct occupational health examinations before, during and after work. The results of the examination are notified to the employees and signed by the employees for confirmation. Re-examination will be arranged for workers who need re-examination; workers with occupational contraindications will be transferred from their original jobs.

In December 2024, the Company carried out the 2024 annual on-the-job physical examinations for employees exposed to hazardous agents of occupational disease. During the Reporting Period, no occupational disease incidents occurred within the Company.

Case | Chuzhou EGING organized activities in the occupational health publicity week

In order to further publicize and implement the Law on Prevention and Control of Occupational Diseases, popularize relevant knowledge on prevention and control of occupational diseases, raise the employees' awareness in this aspect, and safeguard their health rights and interests, the Company participated in the 22nd national publicity week on the Law on Prevention and Control of Occupational Diseases from April 25 to May 1, 2024. During the one-week publicity activities themed on "preventing occupational diseases, protecting occupational health", employees actively participated in publicizing the Law on Prevention and Control of Occupational Diseases, and learnt about relevant laws and regulations and their legitimate rights and interests, improving their knowledge about occupational disease prevention and control.

Occupational health publicity

To create a cultural atmosphere of occupational health, the Company posted visual publicity slogans and posters on occupational health, and played occupational health knowledge publicity videos in the canteen round the clock.



Occupational health commitment

The Company called on all employees to participate in the occupational health commitment signing activity.



Occupational health and safety knowledge training

The Company organized special occupational health training for employees in special positions to raise their awareness in occupational health.



Roadshow of labor protection supplies

In the activities, more employees learnt about preventive functions and use methods of different labor protection supplies to better protect themselves in the daily production environment.



The activities aimed to raise the awareness of all employees in occupational health, creating a good health culture atmosphere in the Company. Subsequently, the Company will continue to increase publicity efforts to improve the employees' awareness in occupational hazards and conscious protection. With the publicity and implementation of the Law on the Prevention and Control of Occupational Diseases as long-term and regular efforts, the Company will strengthen supervision to timely discover and solve problems in prevention and control of occupational diseases, effectively protecting the health rights and interests of employees.

Labor protection management

The Company has built corresponding occupational disease protection facilities in workplaces where dust, noise, and chemical factors are present, to ensure the effectiveness of the facilities. The production workshops are equipped with a fresh air system and air conditioning for temperature control to ensure that employees are in a safe and healthy working environment.

Each production department is equipped with the personal protective equipment according to the characteristics of the positions in the workshops, implements planned procurements and distributes them to the employees according to the requirements. Employees were supervised and guided to wear and use labor protective equipment correctly. The items such as protective clothing, protective gloves and gas masks installed at designated locations should be checked on a monthly basis to ensure that they are in a normal state. In summer, outdoor patrol personnel who may be exposed to high temperatures would be paid RMB300 per month according to the relevant regulations, and summer cooling products, such as Huoxiang Zhengqi Liquid, cooling ointment, Rendan mini-pills and mosquito repellent, would be distributed.

In 2024, the distribution rate of labor protection supplies for employees reached 100%.

Distribution rate of labor protection supplies for employees

100%



Emergency Response

Emergency management

In order to strengthen the Company's management of major risks and emergencies, minimize costs, reduce losses, and maintain the Company's normal business order, EGING PV has established a sound early warning and emergency response mechanism in accordance with the relevant laws, regulations and normative documents such as the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, the *Basic Norms for the Internal Control of Enterprises*, and the *Articles of Association of EGING PV Technology Co., Ltd.*

The Company handles major risks and emergencies based on the principle of "prevention first, combining prevention with emergency response", implements unified leadership, organization & management, hierarchical responsibility, rapid reaction, and coordinated response to achieve feasible and proactive response.

Emergency drills

The Company organizes to set up an emergency rescue body and establish a company-level emergency rescue team. Each business unit establishes a departmental emergency rescue team which is equipped with emergency equipment and emergency supplies. According to the drill plan, special emergency rescue drills for fire and explosion accidents, limited space, special equipment, and on-site disposal plans for electric shock and mechanical injury accidents were carried out in 2024.

06

Adherence to People-oriented Approach to Build a Harmonious Society Together

- Protection of Employee's Rights and Interests
- Human Resource Management
- Employee Training and Carree Development
- Employee Care
- Rural Revitalization



Protection of Employee's Rights and Interests

Labor management

The Company prohibits the use of child labors and protects underage workers. It resolutely eliminate all forms of discrimination and protect employees' legitimate rights and interests. It has developed an incentive salary and remuneration system to ensure that employees receive reasonable wages and benefits. During the Reporting Period, the Company has updated and released the *Measures on Attendance Management* to strengthen the management of working hours and ensure that working hours comply with legal requirements.

The Company explicitly prohibits all forms of forced labor and will not engage in business with any factories or suppliers that use forced labor (including prison labor, indentured labor, bonded labor, or other forms of coercive labor) or violate child labor laws. The Company has signed labor contracts with employees in accordance with labor laws and regulations, which clearly clarifies the employment conditions, without any restrictive or unreasonable conditions when recruiting workers. During the Reporting Period, all regular employees of the Company signed labor contracts, and the social insurance payment rate for employees under labor contracts was 100%.

Safety, health and labor protection

Environmental protection, health and safety are the Company's consistent development concepts. The Company continues to optimize and improve to minimize environmental, health and safety risks in production and operations. The Company is committed to minimizing and, where feasible, eliminating the use of any substances or materials that may cause environmental damage, reducing the generation of wastes through some technical means, and adopting safe technical operating procedures to minimize the impact on the environment. All employees strive to conserve resources and reduce waste generation and emissions through recycling and other energy-saving measures. All employees have a significant responsibility to protect the environment, and employees are responsible for promptly reporting any known or suspected violations of environmental laws or any incidents that may result in the release of harmful substances.

The Company has comprehensively promoted the construction of safety management system, and actively carried out the safety production training and publicity work, creating a good safety culture atmosphere, enhancing employees' safety production awareness and capabilities, and comprehensively improving the Company's safety culture construction. The Company is committed to providing a safe and healthy working environment for every employee, trying to achieve zero work-related injury accidents, and achieving the goal of being the safest factory in the new energy industry. The Company requires employees to proactively raise existing safety issues and take relevant measures to address potential safety hazards. Employees are required to ensure safety in production and are prohibited from using illegal drugs or other controlled substances in the workplace. Furthermore, employees should proactively report any unsafe equipment and other potential hazards to their supervisors or other higher authorities to create a safe production environment.



Employee Remuneration Package

The Company has designed a remuneration distribution framework based on employee positions, abilities and performance, and market levels to offer employees competitive remunerations. The company implements a comprehensive compensation distribution system for all employees, with a performance-based salary structure according to job levels, alongside various other compensation systems.



Remuneration System

EGING PV has prepared its remuneration budget based on the Company's development and industrial average salary, and allocated salary based on the Company's budget, employees' contributions, abilities, attitudes and responsibilities. The Company closely links the job evaluation results and performance appraisal results with the monthly, quarterly, and annual performance-based salaries. At the same time, the Company, based on the Job Description, follows the principle of "assigning positions according to needs and determining personnel based on positions." It implements a salary system with a focus on position-based wages, complemented by performance bonuses and various allowances.

The Company designs a variety of salary structures with appropriate differentiation based on job responsibilities, technology, skills, and contributions.

- Annual salary system for the Company's management.



- The position-based salary system linked to individual performance.



- The commission-based salary system for marketing personnel linked to individual sales performance.



Performance Incentives

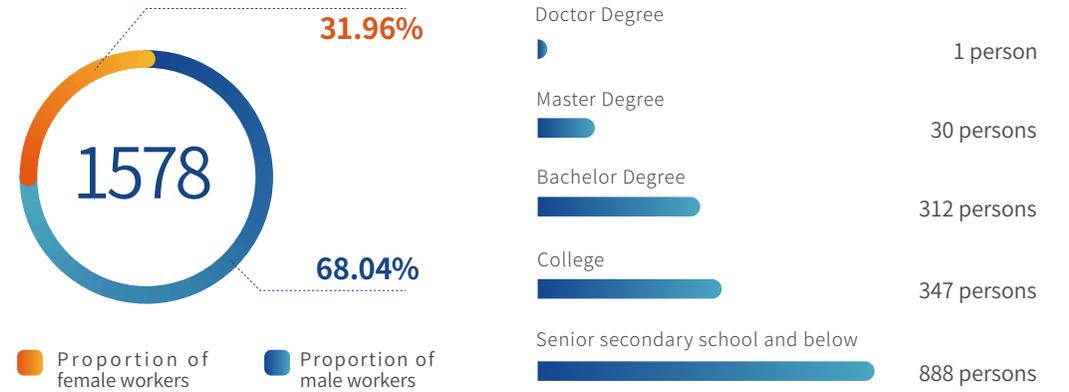
The Company has formulated a *Performance Management Plan* to clarify the details and requirements for employee performance management, covering determination and decomposition of performance indicators, planning of employee performance and its implementation, evaluation and audit of employee performance, and the application of performance results. The Company assigns its annual business objectives to every department and employee. To reflect the employees' performance and achievements at work, EGING PV has established differentiated performance appraisal plans according to employees' ranks. The appraisal is performance-oriented and closely linked to the employees' monthly and annual performance salary and bonus. The Company pays attention to economic incentives as well as non-economic incentives. For one thing, the Company offers its employees complete statutory benefits in accordance with national and local governmental regulations. For another, it also offers diversified corporate benefits to meet the different demands of employees, stimulating their enthusiasm and creativity.

Human Resource Management

Recruitment and employment

EGING PV adheres to the principle of “being fair, just and open” . The Company treats each job seeker equally and selects the best qualified, ensuring a transparent and fair recruitment process.

The Company adopts different recruitment channels. The active school-enterprise cooperation and campus recruitment with universities and vocational schools has enabled the Company to accumulate abundant talent resources in terms of talent quantity, knowledge level and professions type and has provides a solid foundation for the Company’ s healthy development in the long term. The Company values its existing talents as well, while introducing external talents into the Company. In case of any position vacancies, it prefers internal personnel competition for the position first. The Company thinks highly of the development of its employees.





Employee equality and protection of female employees

The Company does not discriminate or treat employees unfairly based on age, disability, ethnicity, gender, marital status, nationality, political affiliation, race, religion, sexual orientation, union membership, or any other factor. The Company strictly implements a gender-equal compensation system, adhering to the principle of equal pay for equal work, ensuring that all employees (at the same level) are treated equally in terms of benefits, accommodation, and other aspects. The Company explicitly states that female job applicants should not be required to undergo pregnancy tests during pre-employment medical examinations (except in cases required by applicable laws and regulations, and carefully considered for workplace safety). No discrimination shall occur based on the results of such tests. Interviewers who have familial relationships with applicants must follow the principle of avoidance and not participate in the applicant's interview. During the Reporting Period, no incidents of discrimination contrary to the above requirements occurred.

The Company prohibits any form of sexual harassment in the factory or office premises, including verbal or physical actions related to sexual coercion, threats, humiliation, or exploitation. The Company has set up a suggestion box, and upon receiving a complaint, it will promptly investigate the situation. If the complaint is verified, the Company will take appropriate action against the harasser based on the severity of the situation. For minor incidents, the harasser will be educated; for serious incidents, the Company will pursue legal action and hold the harasser criminally responsible in accordance with the law.

Communication with Employees

The Company has established a diversified employee communication platform, including smooth channels of communication with employees based on the principle of “full participation”, such as listening to employees and adopting their opinions through Labor Unions, regular communications and interviews with employees and employee satisfaction surveys.

The Trade Union

All employees are eligible to join the Labor Union, and their willingness to join or not is fully respected by the Company. Employees can put forward opinions and suggestions that are closely related to their vital interests through the Labor Union. As a bridge between employees and companies, the Trade Union can safeguard the legitimate rights and interests of employees effectively.

Employee communication and interview

The Company conducts symposiums with employees periodically to collect their questions and give feedbacks timely, so as to meet their reasonable needs.

Employee satisfaction survey

The Company carries out special employee satisfaction surveys from the following eight aspects: job satisfaction, life satisfaction, teamwork, *performance management*, department management, corporate management, remuneration, and employee development. The Company conducts statistical analysis of the results of the surveys, organizes special discussions, develops projects and measures for improvement, and requires responsible units to implement the improvements.

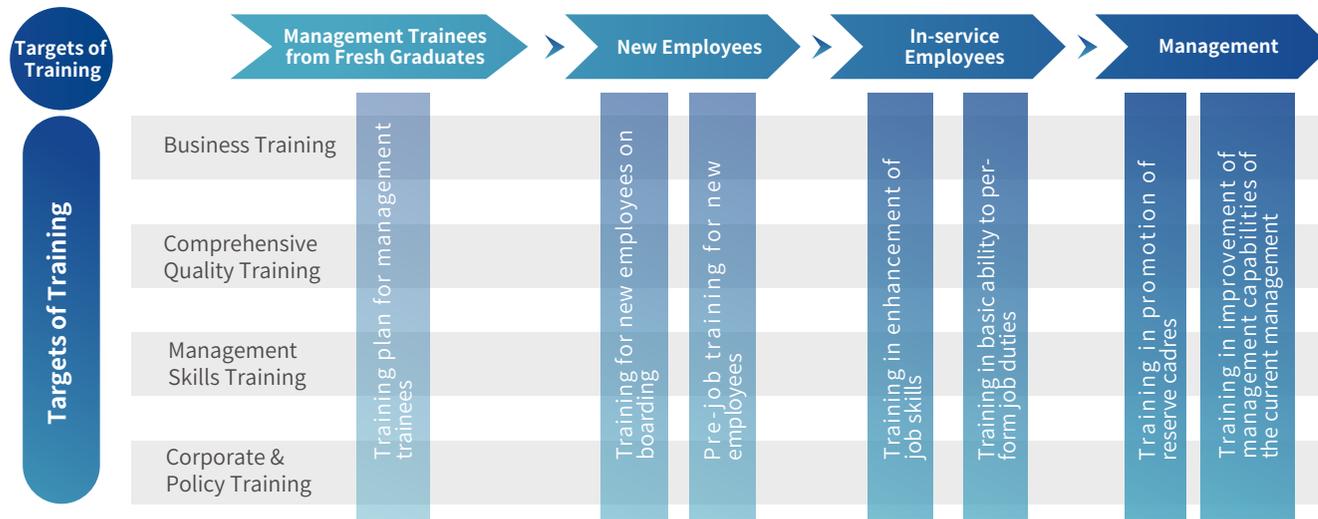
Employee dispute mediation center

The Company establishes an internal employee dispute mediation center, which gives priority to internal communication and mediation for disputes raised by employees.

Employee Training and Career Development

Employee Training

The Company actively promotes a “culture of continuous learning” by enhancing employees' professional and technical skills through training, in order to improve organizational performance. It has established a *Management Policy of Employee Training*, according to which the Human Resources Department shall be responsible for the organization of employees’ training. The training courses are divided into general courses and professional courses according to their contents. The general courses aim at improving employees’ comprehensive abilities and qualities, while the professional courses lays emphasis on improving employees’ special or professional abilities. The courses range from middle and senior management, grassroots management and front-line employees. Different training courses and contents are applied for different levels of employees to ensure the training courses could meet their practical needs in work, thereby enhancing the overall effectiveness of the whole team.



In 2024, a total of 26 company-wide training sessions were held with 1,027 participants. Each training record and course document were released on the Company’s internal OA platform, so that employees could browse and learn online. Among them, 982 people participated in the training satisfaction survey, according to which more than 98% were satisfied with the training.

Human Resource Development

In terms of human resource development, EGING PV considers talents as the driving force of the Company’s development. The Company attaches great importance to the introduction of talents and therefore has established good industry-university-research cooperation relationships with Shanghai Jiao Tong University, Jiangsu University, Changzhou University and Hohai University. The scientific research and human resource advantages of the universities have provided robust support for the Company’s innovation and development. Meanwhile, the Company pays attention to the development of its talents, and has developed a comprehensive training plan for new employees.

In terms of employee promotion, the Company implements the principles of openness, fairness, and justice in promotion management. A scientific promotion management process has been established, which includes steps such as employee promotion applications, qualification reviews, comprehensive evaluations, approval decisions, and public announcement of appointments. This ensures that talented individuals have ample opportunities for development within the Company, laying a solid talent foundation for the Company's sustained growth.

Employee Care

EGING PV makes every effort to make its employees feel happier from different perspective, including clothing, food, housing, and transportation:



Staff canteen

There are employee canteens in both east and west factories of EGING PV, covering a total area of more than 5,000 square meters, which can accommodate more than 2,000 people at the same time. The canteens provide breakfast, lunch, dinner, midnight snacks and even food service during public holiday.

Staff accommodation

Changzhou EGING provides a total of more than 200 dormitories, each with a own private bathroom, offering accommodation convenience for over 1,000 employees. Additionally, the Company offers “employed couple” dormitories to address the housing demands of employee families. There are laundry rooms and pantries in the dormitory’s public areas, and the dormitories are surrounded by convenience supermarkets and snack bars. There are also cleaning staffs who will clean the dormitory rooms and public areas regularly.

Staff transportation

The Company is equipped with various models of vehicles such as commercial vehicles and Coasters to meet the needs of daily business trips and business receptions. The factory premises are equipped with shared electric bicycles, electric vehicle charging stations, and ample parking areas for cars and electric scooters.

Staff suits

The Company provides administrative staff with spring and autumn suits, summer polo shirts, and winter business jackets. Frontline production staff are provided with summer and winter/spring work uniforms, as well as anti-static dustproof clothing.

Other convenience measures

The Company’s administrative building is equipped with a gym and a party building activity room. Pantries are available on each floor, with water purifiers, microwaves, and other appliances provided as needed, maximizing convenience for employees in their daily lives. In addition, there are self-service dining areas, private dining rooms, guest rooms, and various other comprehensive facilities.

“Employee Care” Program

Employees are the driving source of corporate development, so caring for the employees is essential to the building of a harmonious enterprise. To ensure that all employees share in the achievements of the Company’s development, fully demonstrate the Company’s care for its employees, further strengthen corporate cohesion and unity, inspire employees’ enthusiasm for work, and enhance their sense of well-being, EGING PV has implemented the “Employee Care” Program to jointly build a harmonious enterprise. The program mainly consists of five aspects:



The Company regularly conducts health examinations and maintains health records for employees. It has established a hospital visitation system; implements an annual leave policy; provides personal accident insurance for field staff exposed to occupational risks; and continues to improve working and living conditions for employees.



The Company maintain open communication channels with employees, organize birthday celebrations, and ensure that department leaders visit employees to offer congratulations or condolences for major family events such as weddings or bereavements involving themselves or their immediate dependents. Additionally, we express care and appreciation to front-line employees who continue working during major holidays or in harsh weather conditions.



We have established various cultural and recreational groups, such as basketball, table tennis, badminton, singing and dancing, and public speaking. Each year, we organize a variety of planned cultural and sports activities. Monthly 'Happy Employee Day' events are held, and large-scale competitions are organized twice a year, with efforts made to encourage participation from frontline employees. We also regularly organize family and parent-child activities, inviting employees’ families and children to visit the Company and take part in specially arranged events.



We offer political support and care, create opportunities for job-based training and development, enhance employee training initiatives while encouraging self-learning and personal growth. We also engage with various sectors of society through networking events to help broaden employees’ horizons and social networks.



We are committed to improving employee income levels, supporting those experiencing financial hardship, and recognizing academic excellence by providing one-time rewards to employees whose children are admitted to top-tier universities under the Ministry of Education’s ‘211’ and ‘985’ programs.

Case | Workshop employee care activity in 2024

On November 25, 2024, Mr. Chen Jiangming, Chairman of the Labor Union of EGING PV, personally led a team into the workshop to carry out a heartfelt employee care activity. This initiative injected warmth into the busy workshop, enabling employees to genuinely experience the care and support of the Company as one big family.



During the activity, Chen Jiangming had cordial talks with employees, acknowledging their hard work and dedication to the Company's development. In addition, he collected their difficulties and requests to actively communicate and coordinate with the Company's management. As he knew well that employees may not settle down in their jobs without living security, he will strive for more support and help for employees in difficulties.

Rural Revitalization

Case | Jintan District Rural Revitalization Work Survey Meeting in 2024

On January 24, 2024, Chen Jiangming, Chairman of the Labor Union of EGING PV, attended the work survey meeting on paired assistance for economic enhancement in villages (Wulian Village, Dongcheng Subdistrict) held in Jintan District.



The Company is actively involved in the local rural revitalization efforts, attentively listening to the development status of Wulian Village and the strategies for driving economic growth. During the meeting, Chairman Chen Jiangming provided insightful recommendations, emphasizing that the Company will leverage its advantages in industrial development to contribute to revitalizing village resources. This will include developing the 'New Energy + Agriculture' industry model, supporting rural energy infrastructure development, and offering technical and talent assistance with the aim to increase villagers' income, improve their well-being, and create local employment opportunities.

Appendix

2024 key ESG performance

I. Corporate Governance Performance

Corporate Governance Performance

Number of general meetings of shareholders

4

Number of proposals reviewed at general meetings of shareholders

20

Number of meetings of the Board of Directors

7

Number of proposals reviewed at the Board of Directors meetings

44

Number of meetings of the Board of Supervisors

7

Number of proposals reviewed at the Board of Supervisors meetings

23

Business ethics performance

Confirmed incidents of corruption

0

Proportion of key personnel at or above the middle level who signed the integrity commitment letter

100%

Number of anti-corruption training sessions

1

Percentage of directors and executives receiving anti-bribery and anti-corruption training

100%

Unfair competition and antitrust violations

0

Intellectual property performance

Total number of patents granted

375

The number of patents granted during the Reporting Period

26

Among them, the number of patents for invention granted

5

Among them, the number of patents for invention granted

21

II.Environmental Performance

Environmental Management

Total investment in environmental protection

RMB **10.3449** million

Environmental violations and penalties

0

Wastewater management

Total wastewater discharge

1,404,589.80 tons

Wastewater disposal compliance rate

100%

Waste gas management

Total exhaust emission

0 m³

Exhaust treatment compliance rate

100%

Energy management

Total electricity consumption

89,217.41 MWh

Among them, outsourced electricity

73,474.57 MWh

Among them, rooftop PV self-generated electricity

15,742.83 MWh

Total steam consumption

0 tons

Total diesel consumption

40 tons

Total natural gas consumption

151,361 m³

Waste management

Total waste discharge

5,627.63 tons

Waste disposal compliance rate

100%

Total non-hazardous waste discharge

5,544.59 tons

Total hazardous waste discharge

83.04 tons

Water Resource Management

Annual total water intake

2,177,142 tons

Pollutant management

Nitrogen oxide emission

79.08 tons

Sulfur oxide emission

0 tons

VOC emission

91.39 tons

PM emission

40.10 tons

COD emission

5.81 tons

Ammonia nitrogen emission

10.54 tons

Total nitrogen emission

3.86 tons

III. Social Performance

Recruitment and employment

By gender

Male

1,073

Female

505

By age

Employees aged above 50 years

193

Employees aged between 41 and 50 years (excluding 50 years)

458

Employees aged between 31 and 40 years (excluding 40 years)

605

Employees aged below 30 years

322

By educational degree

Doctor Degree

1

Master Degree

30

Bachelor Degree

312

Below Bachelor Degree

1,235

By profession

Functional personnel

352

Salesperson

44

R&D personnel

199

Production staff

983

Total

1,578

Protection of Employee's Rights and Interests

Labor contract signing coverage

100%

Social insurance coverage

100%

Percentage of employees receiving regular performance and career development appraisals

100%

Employee training

Total hours of training received by employees

1,692.50

Average number of training hours per employee

1.07

Hours of security-themed training per employee

2

Average number of hours of training for new employees

1.5

Coverage rate of new employee training

100%

Production safety

Major fire accident

0

Work-related casualties and serious injuries

0

Employee production safety education and training rate

100%

Accident and hazard rectification rate

100%

Equipment and facility maintenance rate

100%

Occupational health and safety

Total investment in employee health and safety

RMB **1.2** million

Number of work-related casualties of the Company's own employees

0

Number of work-related injuries among the Company's own employees

0

Incidence of occupational disease

0

Pre-job occupational health examination rate

100%

In-job occupational health examination rate

100%

Appendix

Indicator Index of the Report

Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies—Sustainability Report (Trial)

Environmental dimension

No.	Issues	Article	Corresponding Sections in This Report
1	Climate change response	Articles 21 to 28	Focusing on Ecological Protection to Build a Solid Green Foundation
2	Pollutant emissions	Articles 30	Focusing on Ecological Protection to Build a Solid Green Foundation
3	Waste disposal	Articles 31	Focusing on Ecological Protection to Build a Solid Green Foundation
4	Ecosystem and biodiversity conservation	Articles 32	During the Reporting Period, the Company's operational sites were not located in key protected areas, and its production and business activities did not have major negative impacts on ecosystems and biodiversity.
5	Environmental compliance management	Articles 33	Focusing on Ecological Protection to Build a Solid Green Foundation
6	Energy utilization	Articles 35	Focusing on Ecological Protection to Build a Solid Green Foundation
7	Water resource utilization	Articles 36	Focusing on Ecological Protection to Build a Solid Green Foundation
8	Circular economy	Articles 37	Focusing on Ecological Protection to Build a Solid Green Foundation

Social dimension

No.	Issues	Article	Corresponding Sections in This Report
9	Rural revitalization	Articles 39	Adhering to a People-oriented Approach to Build a Harmonious Society Together
10	Social contribution	Articles 40	Adhering to a People-oriented Approach to Build a Harmonious Society Together
11	Innovation-driven development	Articles 42	Adhering to a People-oriented Approach to Build a Harmonious Society Together
12	Technological ethics	Articles 43	During the Reporting Period, the Company's business was not involved in genetics, AI ethics or other technology fields, and its production and operations did not include any activities relating to technological ethics.
13	Supply chain security	Articles 45	Deepening Value Creation to Embody Responsibility and Commitment
14	Equal treatment of SMEs	Articles 46	During the Reporting Period, the Company did not have any balance of accounts payable (including notes payable) exceeding RMB30 billion or accounting for more than 50% of total assets.
15	Product and service security and quality	Articles 47	Deepening Value Creation to Embody Responsibility and Commitment
16	Data security and customer privacy protection	Articles 48	Strengthening Compliance Operations to Build a Solid Risk Barrier
17	Employee	Articles 50	Adhering to a People-oriented Approach to Build a Harmonious Society Together Stick to the Bottom Line of Safety to Ensure Stable Operations

Governance dimension

No.	Issues	Article	Corresponding Sections in This Report
18	Due diligence	Articles 52	Strengthening Compliance Operations to Build a Solid Risk Barrier
19	Communication with stakeholders	Articles 53	Sustainable Development Management
20	Anti-commercial bribery and anti-corruption	Articles 55	Strengthening Compliance Operations to Build a Solid Risk Barrier
21	Anti-unfair competition	Articles 56	Strengthening Compliance Operations to Build a Solid Risk Barrier



EGING PV