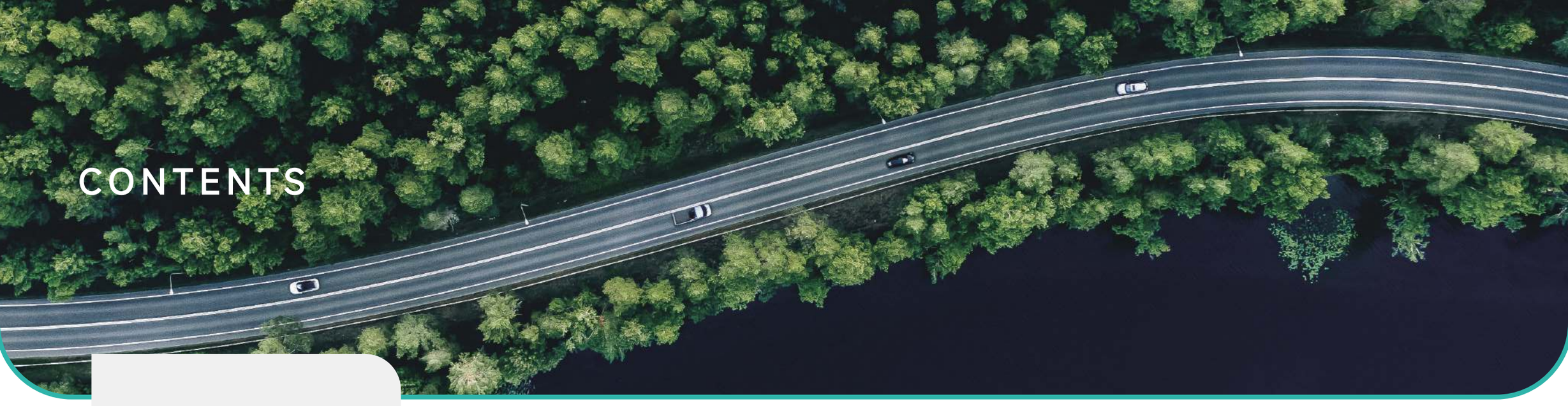
SIGENERGY

Enjoy Green Energy

2025 ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) REPORT

Environmental, Social and Governance Report



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About the Report

Report Statement:

The Report comprehensively outlines the philosophies, practices, and performance of Sigenergy Technology Co., Ltd. ("Sigenergy", "the Company" or "we") in the areas of Environmental, Social and Governance (ESG) for the year 2025.

Reporting Period:

The Report covers the period from 1 January to 31 December 2025 (the "Reporting Period"). To ensure completeness, comparability, and timeliness, certain disclosures include information prior to the Reporting Period.

Reporting Scope :

The Report covers Sigenergy Technology Co., Ltd. and its subsidiaries within the scope of consolidated financial statements. For ease of reference, the Company and its subsidiaries are referred to as follows:

Full Name	Abbreviation
Sigenergy Technology Co., Ltd.	Sigenergy, the Company or we
Sigenergy Digital Technology Co., Ltd.	Jinqiao Production Park
Shanghai Sigeyuan Intelligent Technology Co., Ltd.	Lingang Production Park
Sigenergy Technology (Jiangsu) Co., Ltd.	Nantong Smart Energy Center

Preparation Basis:

- The United Nations Sustainable Development Goals (UN SDGs)
- The Global Reporting Initiative Sustainability Reporting Standards (GRI Standards)
- The Hong Kong Exchanges and Clearing Limited Environmental, Social and Governance Reporting Guide (HKEX ESG Reporting Guide)

Data Description:

The ESG data presented in the Report are derived from internal statistical reports and records. Unless otherwise specified, all monetary amounts are denominated in Renminbi (RMB).

Reporting Principles:

- The Report has been prepared in accordance with the reporting principles set out in the HKEX ESG Reporting Guide.
- Materiality: In preparing this report, the Company identified key stakeholders and material ESG issues. Disclosures are made based on the relative importance of these material issues. For details of the materiality assessment, please refer to the section "Sustainability Management – Materiality Assessment" in this report.
- Quantitative: The Report presents key environmental and social performance indicators using quantitative data. The measurement standards, methodologies, and sources of conversion factors for relevant indicators are disclosed in the corresponding sections.
- Consistency: Unless otherwise stated, there have been no material changes to the scope of statistics compared with the Company's previous ESG reports, and the same statistical methodologies have been used.

Confirmation and Approval:

The Report has been reviewed and approved by the Board of Directors prior to publication.

Report Access:

The Report is published on an annual basis and is available in electronic format. For online access or download, please visit the Company's official website.

Contact:

We value feedback from stakeholders. If you have any questions or suggestions regarding this report, please contact Sigenergy through the following channel:

- Address: Global Headquarters of Sigenergy, No. 678 Yunqiao Road, Lingang New Area, Shanghai
- Website: www.sigenergy.com
- Email: operation.management@sigenergy.com
- el: 021-610-00956

Reporting Series:

The Report is the second Environmental, Social and Governance (ESG) Report published by Sigenergy.

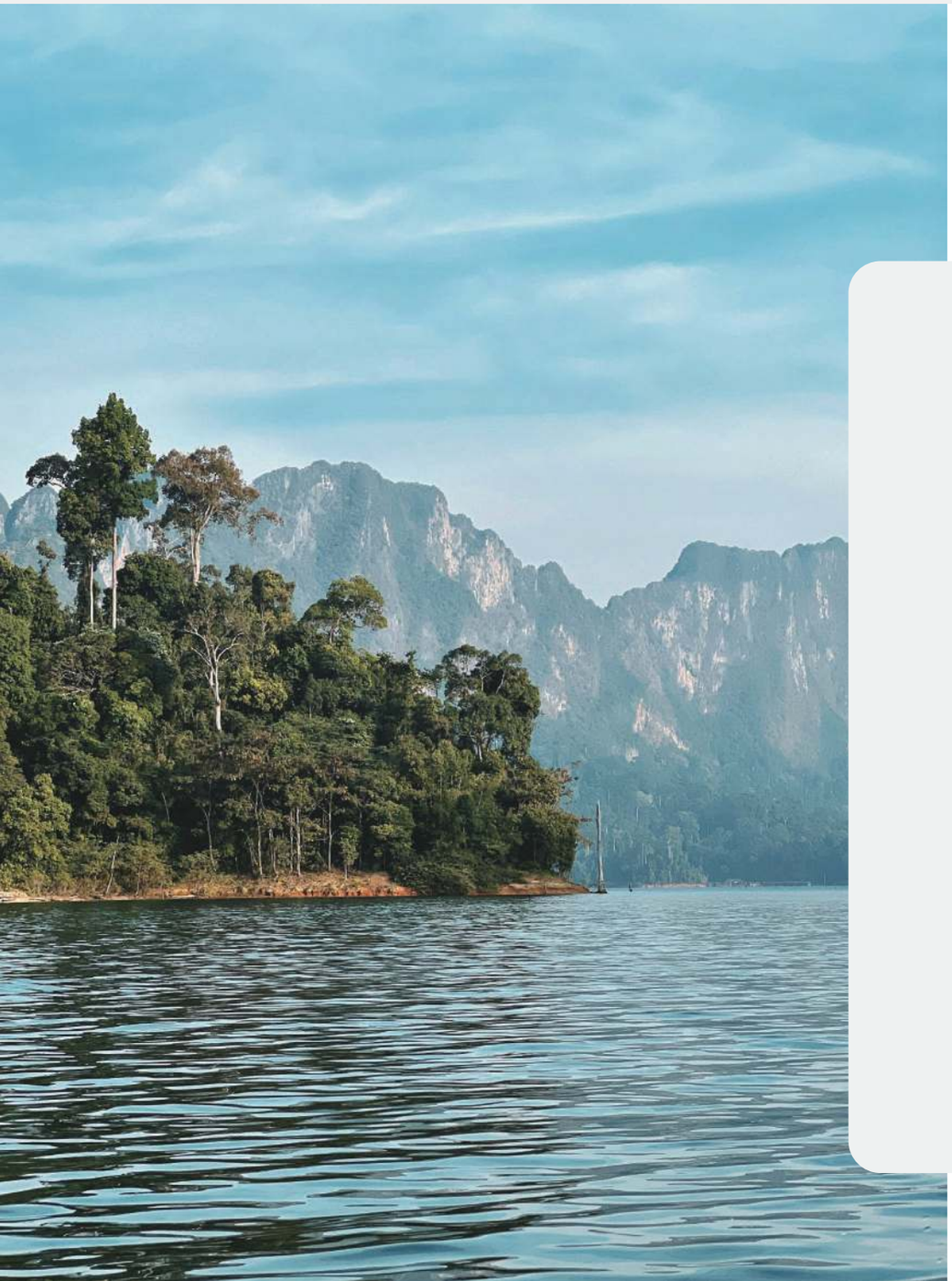
Language Statement:

The Report is published in Traditional Chinese and English.

Assurance Statement:

We have engaged an independent third-party assurance provider to verify the information disclosed in this Report and to issue an assurance statement. For details on the assurance scope, standards, and conclusions, please refer to the appendix of this Report.

[1] The scope of ESG information disclosed in this report differs from that of the Company's annual financial report. Relevant data are compiled based on the operational boundaries, consolidation scope, and methodologies defined herein, and should be interpreted in accordance with this report.



Board Statement

In 2025, while continuing to deepen its presence in the new energy sector, Sigenergy further advanced its sustainable development efforts. In response to the global transition toward green and low-carbon development and increasingly stringent sustainability governance requirements, the Company remains committed to promoting a sustainable future and has fully integrated ESG principles into its strategic decision-making and daily operations. We firmly believe that robust ESG management is not only the foundation for navigating uncertainties and achieving long-term value creation, but also a steadfast commitment to our stakeholders.

The Company has established a top-down ESG governance structure. The Board of Directors, as the highest governing body, is responsible for reviewing sustainability trends, overseeing material ESG issues, identifying development opportunities, and guiding the formulation of the Company's ESG vision, objectives, strategies, and framework, ensuring forward-looking and well-founded decision-making.

The Board has deeply embedded sustainability into corporate strategy. By assessing macro policies, aligning with internal planning, and incorporating feedback from stakeholder engagement, the Board identifies, prioritizes, and manages ESG issues and related risks, thereby defining governance priorities and management approaches, and continuously advancing the implementation and enhancement of ESG practices.

During the Reporting Period, the Board actively participated in the identification and prioritization of material topics through methods such as questionnaires, provided insights and recommendations on ESG issues impacting the Company's long-term development, and reviewed and approved their prioritization. For details, please refer to the section "Sustainability Governance – Materiality Assessment" in this report.

The Board has continued to strengthen its oversight and engagement in ESG governance by establishing annual environmental targets closely aligned with business operations, reviewing and discussing target-setting processes, and evaluating the achievement of environmental targets from the previous year.

This ESG Report discloses Sigenergy's ESG performance and progress in 2025 and was reviewed and approved by the Board of Directors on 25 April 2026.

2025 Performance Highlights

Environmental Performance

- Energy Efficiency Improvement: Energy efficiency of core products improved markedly, with comprehensive energy consumption per unit decreasing by 54% YoY for inverters (kWh/unit), 47% YoY for Pack products (kWh/unit), and 64% YoY for charging piles (kWh/unit).
- Clean Energy Application: Procured 15,000 MWh of green electricity, contributing positively to carbon neutrality goals.
- Circular Economy Practices: In response to the EU PPWR regulation , the Company advanced plastic reduction in packaging, with most products transitioning to paper-based packaging.

Social Performance

- Digital and Intelligent Manufacturing: The Company developed an AI-powered "solar-storage-charging" smart factory, achieving 100% digitalization across manufacturing.
- Quality Assurance: The product yield rate remained consistently above 99%. The commercial and industrial energy storage system SigenStack successfully passed extreme fire testing, demonstrating leading safety performance.
- Customer Service Quality Enhancement: The Company launched the SigenCare intelligent service system, a lifetime service solution integrating proactive maintenance and AI-driven protection technologies.
- Talent Growth System: The Company initiated its first frontline management development program, covering 60 key personnel and enhancing practical management capabilities.
- Supply Chain Decarbonization: The Company optimized its production layout. Upon project implementation, single-trip transportation distances are expected to be reduced by 1,438 kilometers, supporting a low-carbon supply chain.

Governance Performance

- Board Diversity and Structure: The Board maintains a balanced and diverse composition, with female directors accounting for 37.5% and independent directors also representing 37.5%. Three specialized Board committees have been established to ensure scientific and independent decision-making.
- ESG Governance System: The Company has established a four-tier ESG governance structure comprising the Board of Directors, the Sustainability Management Committee, the Sustainability Working Group, and functional departments. Roles and responsibilities are clearly defined to ensure effective implementation and closed-loop management of ESG practices.
- Information Security and Data Protection: The Company obtained information security management system certification, appointed a Chief Data Protection Officer, and established a comprehensive framework for information security and data privacy protection.

[2] PPWR (i.e. the EU Packaging and Packaging Waste Regulation)

About Sigenergy

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Company Profile

Sigenergy was established in 2022 and is headquartered in Shanghai. The Company is a technology-driven enterprise focused on innovation in the new energy sector. Leveraging advanced digital intelligence technologies and a highly skilled talent team, Sigenergy has expanded into photovoltaic (PV) generation, smart energy storage, and high-efficiency electric vehicle (EV) charging. The Company is committed to delivering safe, intelligent, and efficient integrated "solar-storage-charging" products and comprehensive smart energy solutions for households and businesses worldwide.

Guided by the large-scale and high-reliability development needs of the new energy industry, we adhere to the core philosophy of "simple deployment, enhanced safety, and superior user experience." Through system-level innovation, we continuously improve the safety, reliability, and intelligence of our products and solutions. By the end of 2025, the Company's business had expanded to 85 countries and regions worldwide, establishing deep strategic partnerships with 172 distributors. Sigenergy has become a preferred brand among leading channel partners across key markets, including Asia-Pacific, Europe, and Africa.

The No.1 provider of stackable distributed solar-storage integrated solutions[3].

2024

154.4x
revenue growth from 2023 to 2025

Operations spanning **85**
countries and regions worldwide [4]

~40%
R&D personnel [4]

605/234
Patent Applications / Granted Patents [4]

172 / 17,600+
Partner Distributors / Registered Installers[7]

[3] The market for stackable distributed solar-storage integrated solutions is a niche segment within the broader global energy storage system industry. According to Frost & Sullivan, this segment accounted for approximately 2.5% of the overall energy storage system market in 2024.

[4] As of 31 December 2025

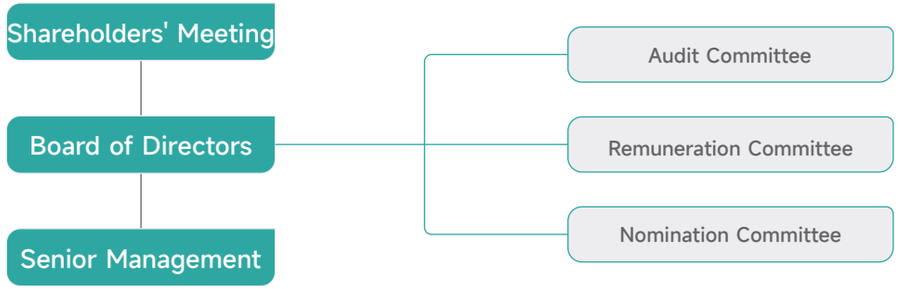
Company Culture

Safe, Intelligent, Green, Efficient, New

Let everyone enjoy green energy, and be energy independent.

Leading AI-powered PV and energy storage innovation. Build intelligent energy solutions with superior safety, ultra simplicity, and outstanding performance.

Organizational Structure



Sigenergy Milestones

May 2022 — Established in China

March 2023 — Awarded the Red Dot Design Award: Product Design 2023

May 2023 — The first batch of products shipped to Europe

June 2023 — Official global launch of the Company brand and products

November 2023 — AI features launched on the mySigen App

December 2024 — According to the Frost & Sullivan report, by the end of 2024, became the fastest company in China's energy storage industry to achieve annual revenue of USD 100 million

September 2024 — Launched the Sigen cloud management platform; ranked No. 1 globally in shipments of stackable distributed solar-storage integrated solutions according to the Frost & Sullivan report

June 2024 — Launched new commercial and industrial solutions; Integrated V2X solution implemented

February 2025 — Formally submitted an application for listing on the Main Board of HKEX

December 2025 — According to SunWiz, ranked No. 1 in distributed energy storage systems in Australia, Ireland, and South Africa in 2025

Honors and Awards

High-tech Enterprise
Science and Technology Commission of Shanghai Municipality, Shanghai Municipal Finance Bureau, Shanghai Municipal Tax Service

Shanghai Enterprise Technology Center
Shanghai Municipal Commission of Economy and Informatization

Shanghai Innovative Small and Medium-sized Enterprises
Shanghai Municipal Commission of Economy and Informatization

Shanghai Specialized, Refined, Differential, and Innovative (SRDI) SMEs
Shanghai Municipal Commission of Economy and Informatization

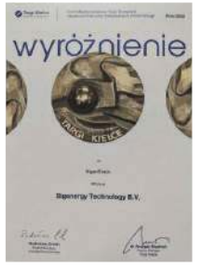
Shanghai Demonstration Enterprise for Independent Foreign Trade Brands
Shanghai Chamber of Commerce for Import and Export

Red Dot Award: Product Design 2025
Design Zentrum Nordrhein Westfalen

Shanghai Advanced-Level Smart Factory
Shanghai Municipal Commission of Economy and Informatization

2025 Outstanding Enterprise
GSEA (Guangdong Solar Energy Association)

Top Innovation South Africa 2026 – Energy Storage
EUPD Research



Best Energy Management
ENEX/Targi Kielce

2025 Energy Storage Industry Most Influential Enterprise Award
EESA (Electrical Energy Storage Alliance)

Energy Storage Innovation Award
International Energy Research Institute

Helios Awards - 2025 Top Energy Storage Enterprise
The China International PV and Energy Storage Industry Conference

Top 10 Residential Energy Storage Products
GGII (Gaogong Industrial Institute)

2025 CNNES Gold Award for Energy Storage - Advanced Technology Award for Commercial & Industrial Energy Storage
China Energy Storage Alliance

Thinking with Integrity

Building a Strong Foundation for Development

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- Business Ethics 24
- Information Security 27

Respond to the Sustainable Development Goals[UN SDGs]

Corporate Governance

Governance Structure

Sigenergy strictly complies with relevant laws, regulations, and regulatory requirements, including the *Company Law of the People's Republic of China,* the *Securities Law of the People's Republic of China,* and *the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited.* The Company is committed to building a governance system with clearly defined responsibilities, transparent operations, and effective checks and balances, in order to safeguard the legitimate rights and interests of stakeholders and promote long-term, stable, and sustainable development.

The Company strictly complies with its *Articles of Association* and relevant regulations, and standardises the procedures for convening and holding shareholders' meetings, as well as the rules of procedure. As the Company's highest decision-making body, the shareholders' meeting fully safeguards the legitimate rights and interests of shareholders, ensures their rights to speak and vote, and enables effective oversight of the Company's operations.

The Board of Directors of Sigenergy serves as the decision-making body. It comprises eight directors, including executive directors, non-executive directors, and independent non-executive directors, with independent non-executive directors accounting for no less than one-third of the Board, thereby enhancing the independence, objectivity, and professionalism of corporate governance. The Board has established specialised committees, including the Audit Committee, the Nomination Committee, and the Remuneration Committee. Each committee performs its duties in accordance with the Company's Articles of Association and the authorization of the Board, and submits its deliberations or proposals to the Board for final decision-making.

Board Committees

Audit Committee

Primarily responsible for making recommendations on the appointment or replacement of external auditors and overseeing their independence and performance, reviewing the Company's financial information and reports and providing recommendations, assessing the effectiveness of internal control systems, overseeing the implementation of ESG policies and overall performance, and coordinating communication among management, the internal audit function, and external auditors.

Nomination Committee

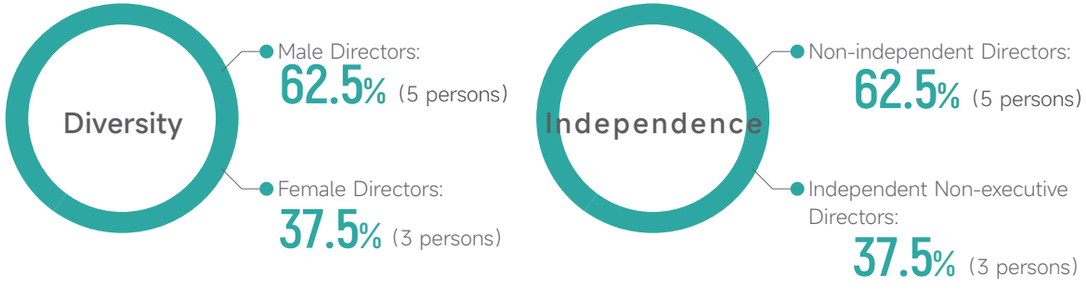
Primarily responsible for making recommendations on the size and composition of the Board, developing and reviewing the selection criteria and procedures for directors, the General Manager and senior management, reviewing candidates for directorship and senior management appointments, and assessing and reviewing the independence of independent non-executive directors.

Remuneration Committee

Comprising three directors with a chairman appointed, the Committee is primarily responsible for formulating individual remuneration packages for directors, supervisors, and senior management, reviewing performance evaluation criteria, and conducting annual assessments, overseeing the implementation of remuneration schemes, and approving matters relating to share incentive plans.

The Company promotes a professional, diverse and inclusive Board and has established and implemented a Board Diversity Policy. By taking into account factors such as gender, age, cultural background, education and professional experience, the Company seeks to achieve a balanced composition of skills, knowledge and capabilities within the Board. The Board currently comprises three female directors and five male directors, achieving its gender diversity target, with expertise spanning energy, finance, corporate management, and governance. The Nomination Committee is responsible for overseeing the implementation of the policy, regularly reviewing its effectiveness, and setting and monitoring measurable objectives. The Company discloses progress on an annual basis in its Corporate Governance Report and continues to advance diversity across all levels, including the Board and senior management, in order to enhance overall governance effectiveness.

Board Structure



- **Remuneration Policy**

Sigenergy adopts a diversified, performance-linked remuneration structure for its directors and senior management. Remuneration primarily comprises fixed components, including salaries, allowances, and benefits in kind, as well as variable components such as performance-based bonuses. In addition, the Company establishes long-term incentive mechanisms through equity incentives and pension contributions. The remuneration level is determined based on a comprehensive assessment of operating performance, market benchmarks, and the achievement of key operating indicators, with the aim of balancing incentives and constraints and ensuring alignment with the Company's long-term development objectives and shareholders' interests.

Risk Management

Sigenergy is committed to integrating comprehensive risk management into all aspects of corporate governance and operations. Through the establishment of a sound risk management framework, robust internal control mechanisms, and stringent compliance management systems, the Company ensures the timely identification, assessment, and mitigation of risks.

• Risk Management System

The Company has established internal policies and procedures related to risk management, including the *Internal Audit Management System of Sigenergy and the Comprehensive Risk Management Measures of Sigenergy,* which define the full process for risk identification, assessment, monitoring, and response. At the same time, the Company has developed a comprehensive risk management structure encompassing multiple levels, including the Board and management, to ensure that all departments and employees are aware of risk prevention and control, thereby supporting the Company's stable and prudent operations.

First Line of Defence	Second Line of Defence	Third Line of Defence
Business Departments • As the frontline of risk management, responsible for identifying risks across end-to-end business processes and proposing major risk response strategies and specific action plans. • Implement risk control measures, promptly report risk exposures, monitor risk changes and key indicators, activate contingency plans when necessary, and assume primary responsibility for risk management.	**Process & Efficiency Department, Finance Department, and Legal Department** • Oversee the day-to-day operation of risk management, organise annual risk assessments and response activities, consolidate and analyse results, and provide guidance and support for specialised risk assessments across departments and subsidiaries. • Monitor the development, implementation, and effectiveness of major risk response plans, coordinate cross-functional risk management issues, conduct risk management training and communication, and establish end-to-end monitoring mechanisms to ensure data integrity, completeness, and traceability.	**Audit Department** • Act as an independent assurance function, conducting ongoing monitoring of key risks across departments and performing independent audits and reviews of operational processes and outcomes. • Conduct audits and reviews of the effectiveness of the risk management system, evaluate the implementation of risk identification, control, and response measures, and follow up on remediation of internal control deficiencies to ensure a closed-loop risk management process.

• Key Risk Control

Taking into account the characteristics of the new energy industry and its current operations, Sigenergy has established a structured risk classification and management system. The Company identifies and defines seven categories of risks, including management, reputation, ethics, credit, operational, compliance, and market risks, with clear definitions and boundaries for each category to support targeted and forward-looking risk management.

In terms of strategy and execution, the Company has established a closed-loop governance mechanism under which the Audit Committee reviews, the Board approves, and management implements, with dynamic adjustments in response to internal and external changes. Through annual comprehensive risk assessments, combined with internal audits, reviews, and third-party inspections, the Company continuously identifies potential risks in its operations and management, ensuring timely detection and effective control.

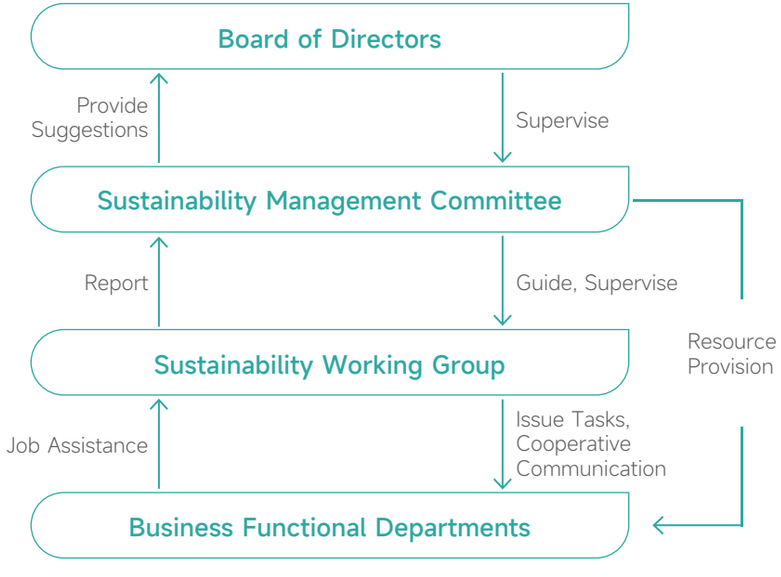
The Company has established a tiered response and closed-loop risk management mechanism. Upon the occurrence of risks, we promptly activate corresponding control and mitigation measures, effectively containing and reducing potential impacts through internal controls and dynamic risk monitoring. Sigenergy also addresses root causes by optimizing policies and processes and remediating control deficiencies to eliminate underlying risks. On this basis, we conduct post-incident reviews, accountability assessments, and corrective actions, while strengthening mechanisms for accountability and loss recovery to continuously enhance the resilience and effectiveness of risk management. During the Reporting Period, the Company recorded no major risk incidents, and our risk management system operated effectively, ensuring stable and controllable operations.

Sustainability Governance

Sustainability Management

In 2025, Sigenergy strengthened its sustainability management by establishing the *Sustainability and ESG Management Policy* and building a comprehensive ESG governance structure covering the decision-making, management, and execution levels. Clear roles and responsibilities are defined at each level to ensure ESG considerations are effectively integrated into day-to-day operations, thereby enhancing the Company's overall governance standards.

Sustainability Governance Structure



Board of Directors

- Review sustainability trends, oversee sustainability-related matters, and identify sustainability opportunities.
- Guide and set the Company's ESG vision, objectives, strategies, and governance structure.
- Monitor the progress of ESG strategies, implementation framework, and targets.

Sustainability Management Committee

- Comprising the Chief Operating Officer (COO) and heads of relevant departments.
- Provide strategic guidance on key sustainability issues and ensure alignment between sustainability objectives and business operations.
- Coordinate resources and ensure the effective implementation of sustainability strategies and plans.

Sustainability Working Group

- Led by the Process & Efficiency Department, with its head serving as the group leader.
- Provide professional advice, direction, and solutions to support the Company's sustainable development decisions.
- Translate Board-approved sustainability objectives into action plans and coordinate implementation across departments.
- Execute sustainability strategies and develop work plans and implementation measures.
- Organize sustainability training, communication and awareness activities, and collect, consolidate and analyse relevant data.
- Report progress on a regular basis and guide, supervise, and evaluate sustainability performance across departments and subsidiaries.

Business Functional Departments

- Key sustainability-related departments support the Sustainability Working Group in carrying out its work.
- Responsible for implementing sustainability initiatives, including policy development, project design and execution, and data collection.
- Organize sustainability-related activities and ensure operations comply with sustainability standards.
- Report progress regularly to the Sustainability Working Group and provide timely feedback on issues and recommendations.

Stakeholder Engagement

Sigenergy places great importance on open and constructive engagement with stakeholders. The Company has established a multi-level and ongoing communication mechanism, using diversified channels, to promptly understand stakeholder views and respond to their concerns. Stakeholder feedback is actively integrated into corporate strategy and daily operations, creating shared value.

Stakeholders	Shareholders	Customers (Installers, Distributors, End Users)	Government and Regulatory Authorities	Employees and Working Personnel	Suppliers	Universities and Research Institutions	Business Partners and Industry Associations	Communities and the Public
Key Concerns	Strategic direction Investment returns Operational Transparency	Responsiveness to customer needs Service experience Technical support assurance	Revenue and tax contributions Compliant operations Local employment generation	Legal rights and interests Career development	Stable supply Integrity and compliance	Talent pipeline development Technology foresight	Resource sharing Joint development of standards	Community co-development Workplace safety
Communication Channels	Shareholders' Meetings Periodic reports Investor Conference	Satisfaction surveys On-site visits Telephone hotline Ticketing system	Special subsidy applications Routine communication Formal reporting and official correspondence	Employees' Representative Congress Employee satisfaction survey ·Online communication platforms	On-site audits Supplier Conferences Signing of integrity agreements	Establishment of scholarship programs Industry–academia–research collaboration projects	Industry summits Technical exchange forums White paper publications	Fire safety awareness campaigns Coordination with community service centers Community WeChat groups

Materiality Assessment

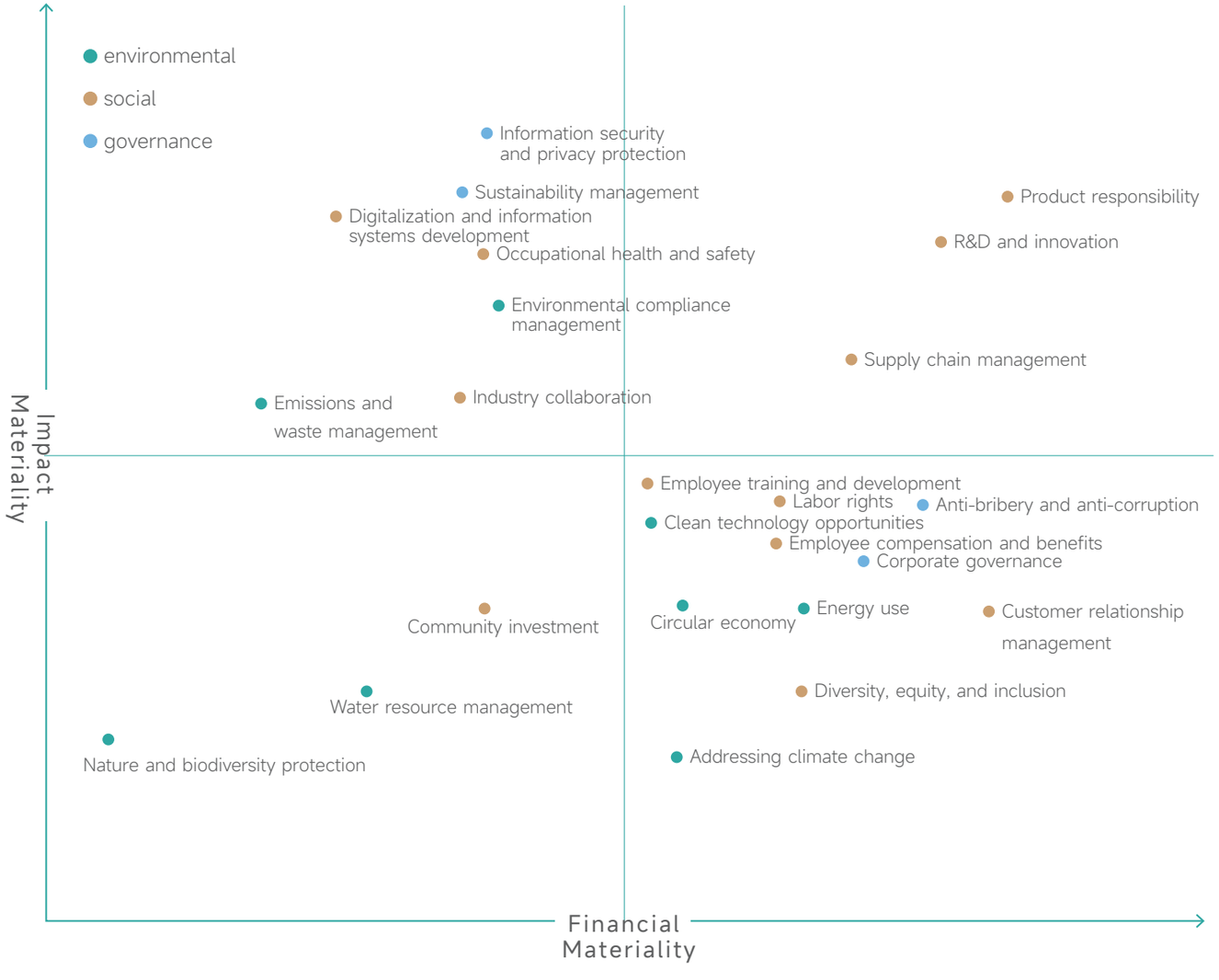
Sigenergy identified a preliminary list of potential sustainability topics across environmental, social, and governance dimensions based on its business characteristics, industry trends, and relevant domestic and international ESG regulations and standards. Building on this, the Company conducted a systematic assessment in accordance with the principle of double materiality.

- **Financial materiality:** Assesses the potential impact of each topic on the Company's operating performance, risk management, financial position, and long-term value creation.
- **Impact materiality:** Evaluates the positive and negative external impacts of the Company's operations on the economy, environment, and society.

To ensure the objectivity and representativeness of the assessment results, Sigenergy conducted questionnaire surveys among both internal and external stakeholders to collect their evaluations of the double materiality of each topic. Based on the collected data, the Company performed quantitative analysis of each topic's scores across financial materiality and impact materiality, therefore developed a materiality matrix.

Degree of Double Materiality	Environmental	Social	Governance
High Financial Materiality High Impact Materiality	/	R&D and innovation Product responsibility Supply chain management	/
High Financial Materiality Low Impact Materiality	Addressing climate change Energy use Circular economy Clean technology opportunities	Labor rights Employee compensation and benefits Diversity, equity, and inclusion Employee training and development Customer relationship management	Corporate governance Anti-bribery and a nti-corruption
Low Financial Materiality High Impact Materiality	Emissions and waste management Environmental compliance manage-ment	Occupational health and safety Digitalization and informa-tion systems development Industry collaboration	Sustainability management Information security and privacy protection
Low Financial Materiality Low Impact Materiality	Water resource management Nature and biodiversity protection	Community investment	/

Sigenergy 2025 Double Materiality Matrix



Business Ethics

Compliant Operations

Sigenergy strictly complies with applicable laws and regulations, including the *Anti-Money Laundering Law of the People's Republic of China,* the *Anti-Monopoly Law of the People's Republic of China,* and the *Anti-Unfair Competition Law of the People's Republic of China,* as well as regulatory requirements for listed companies in relevant jurisdictions. The Company has established and implemented a Code of Business Conduct to guide employees in upholding high standards of ethics and compliance in their daily operations. As of the end of the Reporting Period, no litigation related to monopoly, money laundering or unfair competition was recorded.

Anti-money Laundering

Sigenergy has established an *Anti-money Laundering Compliance Management Policy* and strictly complies with applicable domestic and international AML laws and regulations. We have implemented robust transaction monitoring and customer due diligence mechanisms to effectively identify, assess and mitigate risks related to money laundering and terrorist financing.

Global Trade Compliance

Sigenergy fully complies with applicable laws, regulations and international treaties relating to customs, export controls, economic sanctions and counter-sanctions. We establish a dynamic monitoring mechanism to track regulatory developments and respond in a timely manner, and fulfil global trade compliance responsibilities.

Antitrust and Fair Competition

Sigenergy upholds fair market competition and strictly complies with applicable antitrust and anti-unfair competition laws across all jurisdictions. We prohibit any practices that restrict competition, including price manipulation and abuse of market dominance.

Sigenergy has established the *Tax Management Policy* covering key areas including tax registration, accounting, filing and invoicing, forming a full-process, closed-loop tax compliance framework. We comply with all applicable tax laws and fulfils our tax obligations in a timely and accurate manner, ensuring that all taxes are duly declared and paid in full. Sigenergy strictly prohibits any unlawful practices, including tax evasion, underreporting, and false invoicing.

Integrity Operation

To strengthen our business ethics and compliance framework, we established and implemented the *Anti-corruption and Anti-fraud Management Policy* in 2025. We designate the Audit Department as the standing body to oversee anti-corruption and anti-fraud efforts across the Company. Management at each level assumes primary responsibility within their respective areas and is accountable for compliance. During the Reporting Period, no litigation related to corruption or bribery was recorded.

• Integrity Management

Sigenergy places strong emphasis on integrity and compliance management, and has established an end-to-end integrity framework covering both employees and business partners. The Company strengthens integrity risk prevention through robust policies and embeds integrity principles across all aspects of its operations. During the Reporting Period, all new employees were required to sign the *Sigenergy Regulations on Internal Control Red Lines,* which clearly prohibit behaviors such as accepting kickbacks, engaging in improper benefit transfers, or abusing positions for personal gain. The signing rate among new employees reached 100% during the Reporting Period.

• Integrity Training

Sigenergy integrates anti-corruption and anti-fraud content into core onboarding training, ensuring full coverage of integrity education from the outset of employment. The Company also conducts annual company-wide training and assessments on anti-corruption and anti-fraud, continuously reinforcing the importance of integrity and strengthening employees' awareness of ethical conduct.

Strengthen Integrity in Procurement Case

Sigenergy reinforces compliance awareness in procurement and related business processes by conducting regular training on "procurement-related misconduct." The training focuses on high-risk areas across the procurement lifecycle, using real cases of corruption and fraud to analyze underlying mechanisms and typical patterns of misconduct. Through scenario-based and case-driven approaches, the Company enhances employees' sensitivity to integrity risks and strengthens their ability to prevent and mitigate such risks in procurement activities.

• Whistleblowing Management

Sigenergy has established the *Whistleblowing and Investigation Management Policy,* upholding principles of transparency, impartiality, and accountability. The Company encourages employees, customers, suppliers, and other stakeholders to report suspected misconduct or violations through formal channels, fostering a sound compliance environment. In addition, Sigenergy commits to conducting fair and rigorous investigations into all reported cases. Measures such as restricted access to information and encrypted storage of reporting materials are implemented. Any form of retaliation is strictly prohibited, ensuring the legitimate rights and information security of whistleblowers are fully safeguarded.

• **Reporting Email:** audit@sigenergy.com

Information Security

Information Security Enhancement

Sigenergy strictly complies with applicable laws and regulations, including the *Cybersecurity Law of the People's Republic of China* and the *Data Security Law of the People's Republic of China*. The Company has established internal policies such as the Information Security Risk Management Procedure to safeguard information security across its operations.

Sigenergy continues to enhance its information security management system. The headquarters, Lingang Production Park, and Jinqiao Production Park have all obtained ISO 27001 Information Security Management System certification. As of the end of the Reporting Period, no information security or data privacy breach incidents occurred.

Information Security[5] Management System Certification (Headquarters)

Information Security Management System Certification (Lingang Production Park)

Information Security Management System Certification (JinQiao Production Park)

Enhance Security Boundaries

- Established refined protection rules to enable automated interception of various network threats, while continuously optimizing false-positive handling strategies;
- Deployed integrated protection at both network and application layers to effectively defend against high-volume DDoS attacks and application-layer threats;
- Introduced threat intelligence, abnormal behavior analytics, and automated blocking response mechanisms to enable early detection, rapid response, and full traceability of attack activities.

Strengthen Code Security

- Conducted code security audits on core systems using a combination of "manual review+automated tools", covering risks such as source code vulnerabilities and configuration flaws; established a vulnerability register and achieved 100% remediation of high-risk issues.
- Deployed Software Composition Analysis (SCA) tools to assess open-source components and third-party dependencies for vulnerabilities and license compliance; established a Software Bill of Materials (SBOM) to mitigate supply chain risks and component-related vulnerabilities.

Enhance Incident Response

- Established a cybersecurity incident response team and developed the *Cybersecurity Incident Response Plan,* building a structured and efficient emergency response mechanism to strengthen the Company's capability to handle various cybersecurity incidents.

Multi-Scenario Information Security Emergency Drills

Case

In July 2025, Sigenergy conducted an information security emergency drill focusing on cloud service disruptions, DDoS attacks, and data security incidents. The drill followed predefined procedures to test response plans, strengthen team capabilities, and identify potential risks, resulting in improved incident handling capabilities and enhanced cross-functional coordination and response efficiency.

[5] Refers to Sigenergy's Global Headquarters (Jinqiao)

[6] A Distributed Denial of Service (DDoS) attack refers to a type of cyberattack in which a target system is overwhelmed by a large volume of malicious traffic, rendering it unable to operate normally or provide services.

[7] Software Composition Analysis (SCA): used to identify vulnerabilities and compliance risks in open-source components.

[8] A Software Bill of Materials (SBOM): used to catalogue open-source components and third-party dependencies, enabling vulnerability scanning and license compliance checks.

Privacy Protection

Sigenergy adheres to the principles of lawfulness, legitimacy, and necessity, and implements full lifecycle compliance management for the personal information of employees, customers, and partners. To strengthen data protection governance, the Company has established the *Data Protection Officer (DPO) Policy* and appointed a Chief Data Protection Officer (DPO) to oversee personal data processing. The DPO conducts real-time risk assessments to identify potential issues in advance and takes prompt remedial actions when needed, forming a closed-loop privacy risk management mechanism that prevents recurrence.

As Sigenergy expands its global operations, cross-border data scenarios are increasing, placing higher demands on data compliance and privacy protection. We strictly comply with international privacy regulations, including the *General Data Protection Regulation (GDPR),* and systematically identify and align with data protection laws in the jurisdictions where our core operations are located. This ensures that our data processing activities comply with local legal requirements across our global footprint and effectively safeguard the rights of data subjects.

The Company has established the *Data Security Incident Response Management Policy*. In the event of a privacy breach, the emergency response team promptly conducts investigation, impact analysis, and risk assessment, and implements tiered control measures to contain the incident and eliminate risks. The DPO assesses regulatory reporting and data subject notification obligations, reports to authorities in accordance with applicable laws, and notifies affected individuals as appropriate, outlining the incident, response actions, and preventive recommendations. Following incident resolution, the Company conducts post-incident reviews and implements corrective actions to strengthen policies and processes and prevent recurrence. During the reporting period, no privacy breach incidents occurred.

Protection of Trade Secrets

Sigenergy has established a Trade Secrets Management Committee and issued the *Trade Secrets Management Policy* to implement systematic protection measures. By benchmarking domestic and international industry practices, the Company identifies and evaluates core technical secrets and their carriers, develops standardized inventory templates, and classifies technical information in a structured manner. This enables comprehensive backup and precise management of key intangible assets, strengthening the Company's capability to protect and substantiate its trade secrets.

上海技术交易所
SHANGHAI TECHNOLOGY EXCHANGE

企业商业秘密资产管理合规证书

证书编号：TSRAC202511FZ001

兹证明

思格新能源（上海）股份有限公司

统一社会信用代码：91310000MABNKAD872

注册地址：中国（上海）自由贸易试验区云桥路678号12-2幢

经审查，符合《上海技术交易所企业商业秘密资产初步确权管理指引》要求，具备商业秘密资产合规管理能力，特发此证。

签发：

证书有效性通过本资审查保护，本发认证审查结果可在http://www.stte.com/官方网站查询。

首次认证：2023年08月09日

认证日期：2025年11月07日

有效日期：2026年11月06日

发证机关：上海技术交易所（商业秘密权益资产中心）

注册地址：上海市徐汇区国权北路1688弄68号101室

Corporate Trade Secret Asset Management Compliance Certificate

Trade Secrets Training

Case

In September 2025, Sigenergy conducted a dedicated trade secrets training session, covering legal definitions, classification standards, and typical cases to analyze leakage risks and common exposure channels for key assets such as R&D data, customer information, and supply chain materials. The training significantly enhanced employees' awareness of confidentiality and risk identification capabilities, supporting the effective implementation of trade secret protection measures.

Thinking Green

Protecting Our Shared Planet

- Addressing climate change 18
- Efficient Resource Utilization 21
- Environmental Compliance Management 24
- Biodiversity Conservation 27

Respond to the Sustainable Development Goals[UN SDGs]

Addressing climate change

Governance

To guide the planning and development of our sustainability strategy and to effectively coordinate and monitor the achievement of sustainability performance targets, we established the *Sustainability and ESG Management Policy* in 2025. We have integrated oversight and accountability for climate-related matters into the highest decision-making level, guiding all levels of the organisation in an orderly response to climate change. For further details on our climate governance structure, please refer to the section "Sustainability Governance–Materiality Assessment" in this report.

The Board of Directors and the Sustainability Management Committee of Sigenergy, leveraging the existing governance framework, oversee the identification, assessment, and management of climate-related risks and opportunities, and continue to enhance its climate governance capabilities in line with development stage, promoting the integration of climate-related factors into overall governance, strategy, and risk management.

At the same time, Sigenergy is continuously improving its climate-related data collection and management systems, and is steadily advancing the development of climate targets, progress monitoring, and supporting mechanisms. As these efforts are still being implemented, certain quantitative data and detailed processes remain under development; the Company will update relevant disclosures timely in line with progress and regulatory requirements.

Strategy

Sigenergy actively responds to China's "dual carbon" goals and aligns with the United Nations Sustainable Development Goals, continuously advancing its green development and cleaner production practices. Sigenergy enhances climate-related monitoring and disclosure to strengthen the climate resilience of its operations. At the same time, Sigenergy works with value chain partners to deepen collaboration on sustainability, encouraging them to take appropriate actions to improve climate resilience and drive the sustainable transformation of the value chain, jointly addressing climate change.

In 2025, based on policy research and external environment analysis, Sigenergy comprehensively identified and assessed the potential impacts of climate-related risks and opportunities on its business development. The Company adopted a qualitative approach, referencing climate scenario frameworks from the Intergovernmental Panel on Climate Change (IPCC) for physical risk analysis and the Network for Greening the Financial System (NGFS) for transition risk analysis, to support informed decision-making.

While quantitative information on the current and future financial impacts of climate-related risks is not yet available, Sigenergy will continue to monitor climate-related issues, progressively strengthen its data collection and analytical capabilities, and enhance its understanding and management of climate risks.

Scope of Analysis	Time Horizon	Key Assumptions
• Covers core businesses within Sigenergy's operational management scope • Includes Sigenergy and its subsidiaries consolidated within the scope of the financial statements	• Short term: 0–1 year • Medium term: 1–5 years • Long term: 5 years and above	• Analysis is based on 2025 as the baseline year, assuming that the locations of relevant assets remain unchanged during the analysis period • Existing mitigation measures are assumed to remain stable throughout the analysis period

Risk Type	Specific Impact	Financial Impact	Mitigation / Enhancement Measures
Acute Physical Risks (extreme、 high-intensity events)			
Typhoon	• May directly damage production facilities, leading to disruptions in production and the supply chain.	• Operational disruptions and order losses may lead to reduced revenue.	• Reinforce the structural integrity of production facilities to ensure the safety and stability of equipment. • Develop flood and typhoon emergency response plans, with clearly defined response procedures. • Establish supply chain contingency plans to ensure continuity of supply.
Extreme Weather	• May pose multiple challenges to production equipment operations, the stability of raw material supply, and employee health and safety, potentially leading to disruptions in production activities.	• Lead to increased equipment maintenance costs. • Result in reduced operational efficiency and increased temporary labor costs.	• Improve the design of production equipment to enhance tolerance to high and low temperatures. • Provide employees with appropriate protective equipment, along with health monitoring and emergency assistance measures.
Flood	• May inundate production sites, causing damage to production equipment and raw materials. • May disrupt transportation networks, affecting supply chain stability.	• Lead to increased equipment maintenance and raw material costs. • Customers may file claims due to supply chain disruptions.	• Upgrade drainage systems in Production Parks to enhance flood resilience. • Develop detailed flood emergency response plans. • Establish emergency coordination mechanisms with government authorities and relevant departments to ensure rapid response and rescue.
Chronic Physical Risks (long-term, gradual changes)			
Rising Average Temperatures	• Extreme heat may affect employee health and work efficiency.	• Result in reduced operational efficiency and increased temporary labor costs.	• Flexibly adjust outdoor working hours to avoid peak heat periods.
Sea Level Rise	• Long-term assets in coastal or low-lying areas may face climate adaptation challenges, requiring additional investment for retrofitting or protection.	• Lead to increased costs for long-term asset retrofitting or protection.	• Enhance flood protection infrastructure, upgrade drainage systems, and implement waterproofing measures or relocation for critical equipment.
Transition Risk			
Policy and Legal Risks	• If product carbon footprint or supply chain ESG performance does not meet requirements, the Company may be unable to enter key markets. • May be included in carbon trading schemes in the future, leading to increased operating costs.	• To meet the new regulations, technological upgrades and data disclosure are required, resulting in direct expenditures.	• Closely monitor climate regulatory developments to ensure full compliance across operations. • Strengthen ESG management systems, enhance carbon emissions monitoring, and improve disclosure transparency.

Risk Type	Specific Impact	Financial Impact	Mitigation / Enhancement Measures
Technology Risks	• Customers are placing increasingly higher demands on product energy efficiency and life-cycle performance. • Lagging innovation may lead to erosion of market share by competitors.	• Increased R&D investment may be required for technological upgrades • Loss of key customers may result in reduced revenue.	• Actively explore low-carbon technology pathways, expanding from energy-saving initiatives to comprehensive green transformation. • Accelerate the development and application of green technologies, promote green product certification, and reduce product carbon footprint.
Market Risks	• If low-carbon products are lacking or supply chain data lacks transparency, the Company may lose green customers. • Poor ESG ratings may lead to constrained financing channels and increased financing costs.	• Loss of key customers may result in reduced revenue.	• Proactively disclose product low-carbon performance and supply chain ESG information to target customers. • Participate in mainstream ESG ratings, and improve disclosure and practices in a targeted manner to achieve higher ratings.
Reputational Risks	• Damage to brand value may affect customer trust and employee morale, ultimately impacting market share.	• Loss of key customers may result in reduced revenue.	• Continuously monitor public opinion, media coverage, and NGO assessments related to sustainability to identify potential risk points.
Opportunities Analysis			
Product and Service Opportunities	• The global energy transition is driving strong demand for solutions such as energy storage systems, smart microgrids, and virtual power plants.	• Increased demand may lead to revenue growth.	• Capture rapidly growing market opportunities and expand sales scale.
Brand and Supply Chain Opportunities	• Become a "green benchmark" supplier for customers and partners.	• Secure more orders, directly driving revenue growth.	• Strengthen customer stickiness and establish long-term strategic partnerships with leading sustainability-focused clients. • Promote green standards among suppliers to enhance overall supply chain quality and stability, while potentially identifying new high-quality suppliers.

Risk Management

In 2025, Sigenergy is actively advancing the integration of climate-related risks and opportunities into its overall risk management framework. In this process, the Company is exploring the integration of climate risk identification and assessment with existing risk control processes, and aligning climate targets with corporate strategy to promote the effective integration of climate management with enterprise-wide risk management.

Metrics and Targets[9]

Sigenergy places strong emphasis on climate action and low-carbon development. In line with regulatory requirements and industry practices, we continue to enhance climate-related management and disclosure mechanisms, steadily advance environmental responsibility, and support the Company's sustainable development.

At present, the Company is aligning with industry trends and operational realities to advance the development of mid- to long-term low-carbon targets and systematically formulate a long-term greenhouse gas (GHG) reduction plan. We are also enhancing the Scope 3 GHG accounting framework to comprehensively map emissions across the value chain. To ensure the scientific robustness, feasibility, and consistency of our targets and methodologies, the Company will disclose the next phase of emission reduction targets and implementation pathways upon completion of strategic alignment and full-scope emissions baseline assessment.

Indicator	單 位	2025年
Scope 1 GHG Emissions	tCO_2e	1.23[10]
Scope 2 GHG Emissions	tCO_2e	10,532.96[11]
Total GHG Emissions (Scope 1 + Scope 2)	tCO_2e	10,534.20

In accordance with the latest disclosure requirements, information on the financial impacts, business exposure, and capital allocation associated with transition risks, physical risks, and related opportunities is necessary. However, due to significant uncertainties in market, technology, and policy developments, it is currently difficult to accurately estimate the specific amounts of related capital expenditures and financing plans. As such, corresponding quantitative information is not yet available. Sigenergy attaches great importance to climate-related issues and will continue to enhance its data collection and management mechanisms, strengthen internal coordination, and improve its capability to identify and assess climate-related risks and opportunities. We will disclose more quantitative information once conditions permit, in response to the expectations of investors and regulators.

In addition, Sigenergy plans to comprehensively advance carbon accounting, systematically identifying greenhouse gas emission sources across the entire value chain. The calculation of Scope 3 emissions is also being actively progressed, with the aim of establishing a standardised and traceable carbon accounting system to support future carbon management, target setting, and compliant disclosure. Meanwhile, product carbon footprint accounting is being advanced. The Company is progressively defining accounting standards and processes for emissions across the full product life cycle—from raw material sourcing and manufacturing to product delivery—thereby enhancing the low-carbon competitiveness of its products and strengthening its capacity and resilience in addressing climate change.

[9] The Company's prior-year report disclosed a target to optimize per capita carbon emissions. Due to business expansion, continued capacity growth, and increased operating intensity, the 2025 climate target was not fully achieved. The Company has analyzed the underlying causes and will, based on actual operational and emissions data, refine subsequent reduction targets and action plans to further strengthen climate management.

[10] Sigenergy's Scope 1 greenhouse gas (GHG) emissions are calculated using the emission factor approach in accordance with the 2006 IPCC Guidelines for National Greenhouse Gas Inventories. The boundary covers direct emissions from fuel combustion and excludes fugitive emissions. During the reporting period, there were no significant changes in methodologies, input data, or assumptions.

[11] Sigenergy's Scope 2 greenhouse gas (GHG) emissions are calculated based on purchased electricity. As production facilities are located across different regions, a unified emission factor is applied, using the 2022 national average grid emission factor of 0.5366 $kgCO_2/kWh$ as published by the National Bureau of Statistics of China.

Efficient Resource Utilization

Energy Utilization

Sigenergy regards efficient energy management as a key measure for advancing sustainable development. The Company has established internal policies, including the *Energy and Resource Management Procedures*, to implement standardized and systematic management of energy use throughout its operations. While ensuring stable business development, the Company continuously promotes energy conservation and emissions reduction. During the Reporting Period, the Company set clear management targets for energy consumption.

2026 Energy Consumption Targets

Comprehensive energy consumption per unit of inverter (kWh/unit)	Comprehensive energy consumption per unit of PACK (kWh/unit)	Comprehensive energy consumption per unit of charging piles (kWh/unit)
decreased by 2% compared to 2025.	decreased by 2% compared to 2025.	decreased by 2% in 2025.

During the Reporting Period, the Company systematically advanced energy conservation initiatives, improving energy efficiency and reducing energy consumption per unit through multiple measures. We also actively promoted the adoption of clean energy and increased the share of green electricity, exceeding the annual target of a 3% year-on-year reduction in comprehensive energy consumption per unit.

2025

Comprehensive energy consumption per unit of inverter (kWh/unit)	Comprehensive energy consumption per unit of PACK (kWh/unit) decreased	Comprehensive energy consumption per unit of charging piles (kWh/unit)
decreased by 54% year-on-year.	by 47% year-on-year.	decreased by 64% year-on-year.

- **Efficient Energy Utilization**

Air Conditioning and Temperature Control Management

- Workshop central air conditioning operates at ≥30°C in summer (set at 26°C);
- Set at 20°C in winter and shut down before the end of the workday; doors/windows must not be open when air conditioning is in use;
- Air conditioning in offices and workshops operates between 9:30 and 20:30.

Equipment Power Managemen

- Priority is given to low-energy, environmentally friendly equipment; unauthorized modification of electrical systems and use of high-power equipment are strictly prohibited;
- Power supply for non-production lines is centrally controlled by designated personnel; electrical circuits must not be altered by unqualified staff, and any hazards are promptly reported for maintenance.

Lighting Management

- Lighting is switched off in unoccupied areas; employees turn off power when leaving workstations and before the end of the workday to eliminate unnecessary energy consumption.

• Energy Structure Optimization

Sigenergy continues to optimise energy structure and increase the share of renewable energy in operations. The Company has installed rooftop photovoltaic systems across office and production facilities and deployed solar-powered charging stations in office parking areas. In parallel, we procure green electricity to further raise renewable energy consumption, reaching 15,000 MWh of green power procurement in 2025.

Procure Green Electricity, Support Operational Carbon Neutrality

Case

In 2025, Sigenergy actively advanced low-carbon production by expanding green electricity procurement across Production Parks. The Company procured 7,000 MWh of green electricity at the Jinqiao Production Park and 8,000 MWh at the Lingang Production Park, effectively offsetting carbon emissions generated during operations.

Jinqiao Production Park

Lingang Production Park

Key Performance Indicators2025

Total Purchased Electricity	19,629.09 MWh
Renewable Energy Consumption – Photovoltaic Power Generation	1,256.77 MWh
Gasoline Consumption	586.00 L
Total energy consumption	19,634.17 MWh
Energy Consumption Intensity [12]	0.02 MWh/RMB 10,000
Direct energy consumption	5.08 MWh
Direct energy intensity	0.06 MWh/RMB 100 million
Indirect energy consumption	19,629.09 MWh
Indirect energy intensity	216.60 MWh/RMB 100 million

[12] The calculation formula is: total energy consumption ÷ total operating revenue for 2025.

Water Resource Utilization

Sigenergy strictly complies with the *Water Law of the People's Republic of China* and other applicable regulations, with municipal water supply as the primary water source. The Company integrates water conservation principles into daily operations and promotes efficient and sustainable water use through refined management practices. At the same time, we have established water management targets[13] , water consumption intensity in 2026 will decrease by 2% compared to 2025.

Water Conservation Measures

Standardised Daily Water Use Practices	Employees promptly turn off taps and valves after handwashing, restroom use, and showering, thereby preventing unnecessary water waste.
Water Supply Network Operation and Maintenance	Conduct regular pipeline inspections and initiate immediate repairs upon leak detection; Implement drainage and insulation measures for idle valves during winter to minimize water loss.
Water Conservation Awareness and Engagement	Strengthen water conservation communication and training, enhance employee awareness of water saving, and promote responsible water use behaviours.

Key Performance Indicators2025

Total Water Consumption	Water Consumption Intensity[14]
36.83 kt	0.04 kt/RMB 10,000

Packaging Material Management

Sigenergy aligns with global trends in green packaging and the circular economy, and responds to the *EU Packaging and Packaging Waste Regulation (EU) 2025/40 (PPWR)* by implementing Extended Producer Responsibility (EPR) and fulfilling its obligations for post-consumer product collection, treatment, and recycling. The Company has set a target to complete the replacement of all plastic packaging for its residential product series in designated regions by 2025. To date, most residential products have already completed the transition.

In packaging optimization practices, the Company actively advances plastic reduction initiatives by replacing conventional plastic packaging with paper-based alternatives, while simultaneously optimizing packaging structure and weight:

EPE[15] plastic usage per residential battery product packaging decreased by 0.82 kg.

Collaborating with suppliers to co-develop environmentally friendly packaging materials, enhancing protective performance through structural optimization, and primarily adopting corrugated paper and honeycomb paper, with materials largely recyclable.

Key Performance Indicators2025

Total Packaging Materials Consumption	Packaging Material Intensity[16]
9,280.01 ton	0.01 ton/RMB 10,000

[13] The Company did not achieve its 2025 target of a 3% reduction in freshwater consumption compared to 2024, primarily due to expanded production capacity, increased operating intensity, and the commissioning of new projects, which led to higher water demand. The Company will continue to optimize production processes, promote water-saving technologies and recycling measures, and strengthen end-to-end water management to steadily advance its water conservation targets.

[14] The calculation formula is: total water consumption ÷ total operating revenue for 2025.

[15] EPE: Expandable Polyethylene.

[16] The calculation formula is: total packaging material consumption ÷ total operating revenue for 2025.

Environmental Compliance Management

Environmental Management System

Sigenergy has established a comprehensive environmental management system covering compliance management, risk control, emergency response, and environmental training. The Company ensures environmental compliance and effective risk control across operations while embedding green principles into core operations, continuously enhancing environmental governance capabilities and long-term sustainability resilience.

• Strengthen Compliance Management

Sigenergy strictly complies with the *Environmental Protection Law of the People's Republic of China* and other applicable regulations. The Company has established internal policies, including the *Environmental Protection Management Policy,* and set up a dedicated EHS function responsible for environmental compliance. We maintain systematic records such as *Environmental Facility Operation Logs, Inspection Records,* and *Monthly Inspection Records* to support standardized and efficient environmental management. The Company has established a robust environmental management system, with headquarters, Jinqiao Production Park, and Lingang Production Park all certified under ISO 14001 Environmental Management System Certification.

Environmental Management System Certification (Headquarters)

Environmental Management System Certification (Jinqiao Production Park)

Environmental Management System Certification (Lingang Production Park)

• Strengthen Risk Prevention and Control

Sigenergy has established an integrated environmental risk management framework of "identification–prevention–response" for new project development. The Company proactively mitigates risks before occurrence and eliminates potential hazards at an early stage, strengthening environmental risk control and providing a solid foundation for sustainable development.

Conduct environmental risk identification	• Identify key hazardous substances, potential impact pathways, and sensitive receptors that may be affected.
Implement risk prevention and control measures	• Prohibit open flames; manage hazardous materials and hazardous waste in strict accordance with regulations; implement anti-seepage measures for all hazardous-related units.
Continuously improve emergency response mechanisms	• Equip hazardous units in warehouses and production facilities with emergency supplies, including absorbent pads, respirators and fire extinguishers, and conduct regular inspections of hazardous waste storage areas. • Develop and maintain emergency response plans for environmental incidents in accordance with the *Measures for the Administration of Filing Emergency Response Plans for Environmental Incidents of Enterprises and Public Institutions (Trial)* and other applicable regulations. • Require certified personnel for operational roles, provide routine training during daily operations to reduce the risk of chemical leaks caused by human error, and conduct regular emergency drills.

Conduct Emergency Drills for Chemical and Hazardous Waste Leakage to Strengthen Environmental Safety

Case

In December 2025, Sigenergy organised emergency drills for chemical and hazardous waste leakage, simulating a sudden waste adhesive spill outside the hazardous waste temporary storage area. The drills focused on testing employees' capabilities in emergency spill response, leakage collection, and proper use of personal protective equipment. The exercise effectively enhanced rapid response, coordinated handling, and standardised operational capabilities in environmental emergencies, laying a solid foundation for minimising potential impacts.

• Environmental Awareness and Training

Sigenergy leverages digital tools to deliver environmental management training. The Company provides systematic learning resources through the "Sigenergy Cloud Classroom" online platform, covering topics such as environmental regulations and waste management. We support employees in mastering core environmental management knowledge and practical skills, promoting the integration of environmental principles into daily operations and translating awareness into concrete actions.

Strengthen Pollution Prevention and Control

Sigenergy strictly complies with the *Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution*, the *Water Pollution Prevention and Control 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 Waste*, and the *Law of the People's Republic of China on the Prevention and Control of Noise Pollution*, fully fulfilling environmental responsibilities and placing strong emphasis on pollution prevention and compliant emissions management. To ensure effective and compliant environmental management, the Company engages qualified third-party environmental monitoring institutions to conduct regular monitoring of facilities each year. During the Reporting Period, no non-compliant discharge incidents occurred[17].

Category			Treatment Measures	Applicable Standards
Wastewater[18]	Domestic wastewater		Discharged into the municipal sewer network through the main wastewater outlet.	DB31/199-2018 Integrated Wastewater Discharge Standard
Exhaust Gas	Fugitive emissions	Tin and Tin Compounds, Particulate Matter	Discharged indoors after treatment by mobile dust collectors.	DB31/933-2015 Integrate Emission Standard of Air Pollutants
	Organized emissions	Non-methane hydrocarbons (NMHC)	Collected through gas hoods and treated by two-stage activated carbon adsorption before discharge via exhaust stacks.	DB31/933-2015 Integrate Emission Standard of Air Pollutants
Solid Waste	Non-hazardous waste	Mainly includes waste packaging materials and scrap cables	Stored in designated general solid waste storage areas and disposed of by qualified service providers.	/
	Hazardous waste	Mainly includes waste adhesive, used adhesive containers, and discarded dispensing tubes	Stored in hazardous waste storage facilities and disposed of by licensed hazardous waste treatment providers.	GB18597-2023 Standard for pollution control on hazardous waste storage
Noise	Equipment operation noise		Close doors and windows during production, use low-noise equipment, and install flexible connections at air inlets and outlets.	GB 12348-2008 Emission standard for industrial enterprises noise at boundary

2025

Exhaust Gas Non-Methane Hydrocarbons (NMHC)
0.02 ton

Solid Waste

Total waste disposed
1,362.03 ton

Total Hazardous Waste Generated
61.14 ton

Waste Batteries
18.44 ton

Other Hazardous Waste
42.70 ton

Hazardous Waste Intensity[19]
0.07 kg/RMB 10,000

Total Non-hazardous Waste Generated
1,300.89 ton

Domestic and Kitchen Waste
103.68 ton

Other Waste
(e.g., waste packaging, cartons)
1,197.21 ton

Non-hazardous waste intensity[20]
1.44 kg/RMB 10,000

[17] The Company is currently experiencing ongoing business expansion, with operations in a phase of dynamic adjustment, resulting in some data fluctuations. We are prudently developing waste management targets and will, in alignment with regulatory requirements and our development trajectory, formulate plans and disclose progress in due course.

[18] The Company does not generate industrial wastewater. Domestic wastewater is properly discharged into the municipal sewer system for treatment.

[19] Calculated as total hazardous waste ÷ total operating revenue in 2025.

[20] Calculated as total non-hazardous waste ÷ total operating revenue in 2025.

Biodiversity Conservation

Sigenergy strictly complies with the Environmental Protection Law of the People's Republic of China, the Measures for Administrative Measures for Ecological and Environmental Penalties, and other applicable laws and regulations in the regions where it operates. While pursuing its own development, the Company remains committed to ecological and environmental protection, upholding the principles of green development and respect for nature.

Strictly Adhere to Ecological Protection Redlines

Case

Sigenergy upholds an ecological priority and green development philosophy. During the development of the Jinqiao Production Park, the Company strictly complies with applicable laws, regulations, and planning requirements, including the Shanghai Ecological Protection Redline. Through systematic assessment and scientific planning, we proactively avoid legally protected areas, key ecological function zones, and other environmentally sensitive areas, ensuring that potential disturbances to sensitive ecosystems are prevented at the spatial planning stage and that project development is aligned with regional ecological protection objectives.

Support Global Sustainability Initiatives

Case

In 2025, Sigenergy donated USD 10,000 to the international non-profit environmental organization Rainforest Alliance. The contribution supports ecosystem restoration, sustainable agriculture promotion, and forest conservation projects across more than 60 countries. To date, the organization has partnered with over 7.5 million farmers and manages 5.7 million hectares of certified farmland, advancing a more harmonious relationship between people and nature.

Thinking Change

Driving a Clean Future through Innovation

• Research and Development Innovation 29
• Product Responsibility 32
• Customer Service 35

Respond to the Sustainable Development Goals[UN SDGs]

Research and Development Innovation

Build a Sound Innovation Ecosystem

Sigenergy has established a well-structured R&D management system, built on forward-looking specialized teams, a high-density talent pool, and standardized processes. The Company has developed an integrated innovation ecosystem that spans the full innovation lifecycle, supported by professional talent pipelines, in-house testing platforms, and continuous knowledge enhancement.

Institutional Framework

Establish policies such as the R&D Project Management System to standardize the full lifecycle of key processes, including project initiation, review, and change management; defined a clear governance structure for product and solution development, with well-articulated roles and responsibilities at each level to ensure orderly and efficient R&D operations.

Professional Organization

R&D personnel account for over 40%, with 56% holding a master's degree or above. Dedicated pre-research teams have been established to advance forward-looking technologies. Multiple incentive mechanisms, including bonuses and recognition programmes, are implemented to motivate talent, supported by a systematic training framework.

Automated Platform

Independently developed Kunlun Platform for single-board FT production lines, enabling real-time collection and intelligent analysis of test data. Visual dashboards covering yield, CPK, and failed process steps support precise monitoring of production quality. Advanced analytics enable rapid anomaly identification and trend forecasting, effectively enhancing production line digitalization and quality management efficiency, and representing a key application of digital intelligence in manufacturing.

High-Quality Talent

Conducted regular training on professional skills and product solutions, complemented by technical seminars and expert lectures. Continuously updated the team's knowledge of frontier technologies to foster innovative thinking.

2025

R&D personnel accounted for over **40%** of the total workforce.

Among them, over **56%** hold a master's degree or above.

Core team members have over **10** years of industry experience.

The Company places strong emphasis on the protection of independent intellectual property rights (IPR) and proprietary innovation. Through a multi-dimensional IPR portfolio, including patents and trademarks, we secure and legally protect core technologies, product designs, and brand assets, strengthening our IPR foundation and supporting the protection and commercialization of innovation outcomes. We also conduct IPR training to enhance employees' awareness of intellectual property protection and risk identification, safeguarding core technologies and brand rights.

Intellectual Property Compliance Management System Certification

Innovation Achievements and Breakthroughs

Sigenergy adheres to technology-driven product innovation, advancing in both commercial & industrial and residential scenarios. The Company continuously delivers safer, more efficient, and smarter energy solutions to its customers.

Commercial & Industrial Segment

- **Fully Modular Design:** Minimum module capacity of 12kWh, supporting flexible indoor and outdoor installation. Enables scalable capacity expansion and adaptable configurations based on actual user needs.
- **High-Safety Battery Pack:** Utilizes aerospace-grade protective materials to prevent fire or explosion under thermal runaway conditions. Equipped with an efficient, energy-saving distributed intelligent thermal management system, ensuring safety and longevity from cell to system level.

Residential Segment

High-Performance Microinverter Based on Innovative DAB Topology

- **High-Efficiency Energy Conversion:** Utilizes an innovative DAB topology to achieve high gain, electrical isolation, and efficient conversion simultaneously, with peak efficiency of up to 97.5%, outperforming the industry average (95%–97%).
- **High Power Density Design:** Reduces volume by approximately 30% compared to conventional solutions, achieving higher power density and providing greater flexibility for system installation and layout.
- **Reactive Power Compensation:** Provides ±600 VAR reactive power adjustment at rated power, representing an improvement of over 600% compared to conventional flyback topologies.

WLAN Mesh Networking and Intelligent Phase Recognition Technology

- **Mesh Phase Detection:** Leveraging a mesh networking architecture, industry-first integrated phase detection functionality enables automatic identification and matching of grid phase information, providing accurate data support for load balancing and energy efficiency management.
- **Extended Coverage:** Achieves up to 1,600% greater coverage compared to traditional Wi-Fi solutions. Adopts a mesh-star topology to effectively eliminate signal blind spots.
- **One-Step Auto Networking:** Requires configuration of only the first device, with settings automatically shared; additional devices synchronise and connect to the network upon power-up.

Digital and Intelligent Transformation

Sigenergy builds on an Industry 4.0 architecture, advancing its manufacturing system towards intelligence, collaboration, and user-end integration through the development of "AI + solar-storage-charging" smart factories and digital platforms.

Establish Integrated End-to-End Management System

- Developed an "AI + solar-storage-charging" smart factory based on an Industry 4.0 architecture, establishing an integrated end-to-end management system spanning front-end business support, production process control, and data-driven decision-making.
- Developed an in-house industrial cloud and fully collaborative digital platform, achieving 100% coverage of full-process digital manufacturing management and enabling efficient coordination across R&D, manufacturing, and operations.

Introduce Intelligent Quality Control System

- Pioneered the adoption of automotive-grade lasers in the energy storage industry and integrated AI-powered visual inspection technology to establish an intelligent quality control system covering key processes such as welding, incoming inspection, assembly, and adhesive application.
- AI-powered visual inspection enables real-time monitoring and analysis of the welding process, significantly improving process stability. Welding yield has increased by over 2% on average, while manual intervention and operational complexity have been substantially reduced.

Advance Digital and Intelligent Collaboration at User End

- Developed and launched the world's first mySigen App integrated with an AI large language model, along with an industry-first energy Sankey diagram visualisation tool.
- Provides a one-stop service integrating intelligent interaction, real-time monitoring, and O&M guidance, while visualising energy flows in an intuitive manner to help users optimise energy strategies and improve efficiency.

Automotive-Grade Laser

The World's First mySigen App Integrated with an AI Large Language Model

Provides a one-stop service integrating intelligent interaction, device monitoring, and O&M guidance, enhancing user experience and operational efficiency.

Industry-First Energy Sankey Diagram

Visualizes energy flows and consumption structures in an intuitive manner, providing precise data support for optimizing energy strategies and improving energy efficiency.

Product Responsibility

End-to-End Quality Management

Sigenergy follows the principle of "prevention before, control during, and traceability after," establishing a closed-loop, end-to-end management system spanning R&D, manufacturing, delivery, and after-sales, to ensure high reliability, safety, and trustworthiness of its products.

• R&D Quality

Sigenergy has established a comprehensive, end-to-end product development quality management system, covering technical reviews, decision reviews, requirements management, and change management. At the initial design stage, DFMEA analysis and critical quality risk identification are conducted alongside a systematic review of historical issues. During the design phase, multiple rounds of design reviews are carried out to proactively identify technical risks and quality concerns. The technical review process incorporates multi-stage quality gates spanning key milestones from requirement and solution lock-in to mass production and delivery, forming a closed-loop mechanism through issue tracking and remediation. Decision reviews are conducted across multiple dimensions, including market and commercial considerations, technical solutions and supply chain readiness, providing a robust basis for project advancement and informed decision-making.

The system enables systematic control of R&D quality through full-process standardization and proactive risk prevention. From early-stage quality screening at the design source, to closed-loop reviews during development, and dual-layer validation through stage-gate decisions, it establishes a comprehensive quality assurance framework covering requirements, design, review, and decision-making. This effectively mitigates R&D risks and ensures efficient, high-quality delivery from development to mass production.

2025

Product manufacturing yield has remained consistently above **99%**.

• Production Quality

Sigenergy has established a three-stage quality control process from source to factory release. Through combined measures including risk identification, process inspections, equipment calibration, and traceability control, the Company ensures quality is effectively managed at each stage, achieving and exceeding targets for throughput yield.

Incoming Material Inspection	Strictly implements the *Incoming Material Inspection Management Procedure,* conducting full-process inspection of incoming materials to prevent non-conforming materials from entering the production process at the source.
Production Process Control	Adopts a "key control points + full-process traceability" approach, with quality control checkpoints established at critical processes to ensure stable and controllable process quality.
Final Product I nspection	Conduct full-item inspection of outgoing products in accordance with the Product Control Plan, supplemented by sampling inspection, to ensure product conformity prior to delivery.

Additionally, when product recalls are required, the Company strictly implements internal recall procedures and carries out end-to-end actions, including information communication, spare parts allocation, on-site handling, documentation, and cost settlement. The Company monitors and manages the recall process through digital systems to ensure compliance, efficiency, and orderly execution. During the Reporting Period, the Company recorded one voluntary product recall[21] , which was properly handled in accordance with internal procedures.

[21] To ensure user safety and experience, the Company initiated a voluntary recall of certain single-phase inverters sold in Australia during the reporting period. The recall was triggered by improper installation by third-party installers, resulting in a risk of plug overheating. Acting responsibly, the Company conducted end-to-end handling and regulatory reporting, and implemented measures including software upgrades, free replacements, extended warranties, and installer training. No property damage or injuries occurred, and the response complied with applicable local regulations.

Quality Management System Certification (Headquarters)

Quality Management System Certification (Lingang Production Park)

Quality Management System Certification (Nantong Smart Energy Center)

• Non-conforming Product Management

The Company has established the *Non-conforming Product Management Procedure,* implementing a full-process management system covering incoming materials, in-process products, finished goods, and suspected materials. Strict controls are applied across identification and segregation, review and disposition, analysis and improvement, and record traceability to ensure closed-loop management. Upon identification, non-conforming products are immediately labeled and segregated, with ESD protection measures applied simultaneously for electrostatic-sensitive items.

The Manufacturing Quality Department leads cross-functional reviews and implements standardized dispositions, including concession acceptance, selective use, rework, return, downgrading, and scrapping, with approvals and workflows completed via *Non-conforming Product Notices.* The Company conducts root cause analysis and verifies corrective actions, with full-process documentation and traceability, strictly preventing non-conforming products from entering subsequent processes or being delivered, thereby ensuring stable and compliant product quality.

• Digital Platform

To achieve efficient collaboration and precise management, the Company has established a quality management platform built on the core principles of "full participation, shared quality governance, real-time monitoring, efficient collaboration, and continuous improvement," covering multiple stages, including R&D, manufacturing, and marketing. The platform centrally displays key quality indicators and supports real-time data monitoring and trend analysis, significantly enhancing the response speed and closed-loop efficiency of quality issue management.

Meanwhile, leveraging a range of in-house IT systems, Sigenergy has achieved full lifecycle, multi-dimensional quality data collection and traceability, from raw materials leaving suppliers to product usage at the customer end. The system supports both batch-level and unit-level traceability, and integrates remote upgrade and remote O&M capabilities, enabling rapid issue localization and efficient closed-loop support for after-sales services. Currently, product traceability has reached 100%.

Product Safety Design

Sigenergy drives innovation across multiple dimensions, including structural design, charging control, and safety protection, to build a multi-layered safety protection system that fundamentally reduces safety risks during product use and installation.

Convenient Installation Structure

Adopts a stackable connection design with integrated data and power connections between modules, eliminating the need for external wiring. Utilises ±2 mm floating screws for automatic alignment to ensure stable connections, effectively reducing safety risks caused by cable ageing, poor contact, or installation-related short circuits.

Charging Safety Control

Developed a dynamic charging profile that determines charging current based on battery temperature and state of health, enabling precise power balancing and effectively preventing overcharging and lithium plating.

Overcharge Protection Mechanism

In addition to conventional safeguards, incorporates an additional hardware-based protection layer that independently disconnects the power circuit when cell voltage reaches a critical threshold.

Safety Validation Under Extreme Fire Conditions

Case

In July 2025, Sigenergy successfully completed a highly challenging large-scale fire test for its commercial and industrial energy storage system, SigenStack. The test simulated an extreme scenario in which thermal runaway at the cell level led to sustained open-flame combustion. To assess the system's ultimate protection limits under the most severe conditions, all active safety mechanisms were deliberately disabled. Even without active intervention, SigenStack demonstrated exceptional structural safety performance: the fire was effectively contained within a single battery PACK, with no thermal propagation to adjacent packs or clusters, thereby preventing secondary incidents.

Sigenergy adheres to principles of integrity and compliance in marketing, and has issued the *Social Media Content Guidelines* and *Product Change Notification Management Policy*. The Company ensures that all product and service information is factual, accurate, and not exaggerated or misleading, enabling customers to make decisions based on reliable information. At the same time, through a standardized product change notification mechanism, Sigenergy promptly communicates key updates to customers, partners, and [illegible] safeguarding business continuity and strengthening long-term trusted collaboration. Any violations are handled in accordance with Company policies. During the Reporting Period, no non-compliance incidents related to marketing communications were identified.

Customer Service

Customer Relationship Management

Sigenergy has established the *Customer Complaint Handling Procedure,* defining cross-functional coordination mechanisms to ensure rapid response and closed-loop resolution of issues related to product quality, delivery, or services, thereby minimizing customer dissatisfaction. The Company also conducts regular visits to installers and distributors to gather frontline feedback and continuously optimize product design and service support strategies.

Sigenergy has established an installer incentive and certification management system for core partners. Installers earn points based on the products installed and can redeem rewards through a dedicated platform. Differentiated point multipliers are applied according to certification levels, while installers with substandard service ratings are subject to tier downgrades. By combining positive incentives with performance-based constraints, the system effectively enhances service quality and strengthens partner engagement.

• Satisfaction Survey

Sigenergy has established a tiered satisfaction survey mechanism, distributing targeted questionnaires to installers, distributors, and end users to accurately capture service feedback. For installers, key aspects such as response speed, service professionalism, problem-solving capability, and team support are assessed; for end users, overall service satisfaction is evaluated. Based on the survey results, the Company develops issue lists and implements targeted improvements, driving continuous enhancement of service quality.

After-Sales Service

Sigenergy has established the *After-sales Return and Exchange Management Policy,* setting out standardized and transparent procedures with clearly defined roles and operational requirements at each stage. The Company ensures orderly and compliant handling of returns and exchanges, effectively mitigates operational risks, and safeguards customers' legitimate rights and interests.

SigenCare Proactive Intelligent Service System for Efficient and Reliable Lifecycle Energy Solutions

Case

In 2025, Sigenergy launched the SigenCare proactive intelligent service system, a lifecycle service solution integrating proactive maintenance and AI-powered protection. Supported by six core capabilities, the system enables full-process proactive protection through proactive diagnostics, intelligent early warning, and cloud-based repair, delivering a more reliable and hassle-free one-stop energy system management experience.

Six-Dimensional Health Check:
Comprehensively diagnoses system operating conditions and identifies potential risks in advance.

7×24 AI Inspection:
Covers over 200 key indicators, with an inspection accuracy rate of 95%.

One-Click Cloud Repair:
Enables rapid remote resolution of system issues, ensuring the system consistently operates at peak performance.

Premium Proactive Service:
Tracks service progress end-to-end and proactively intervenes to minimise delays.

Intelligent Revenue Optimisation:
Enhances system operational efficiency and maximises user returns.

Installer Quality Rating:
Ensures service quality and professionalism from the source.

AI Inspection and Proactive Early Warning Safeguard Safe Equipment Operation

Case

In 2025, certain energy storage stations in the Netherlands adopted enclosed container installations. During operation, limited ventilation led to abnormal temperatures in inverters and battery systems. Sigenergy's intelligent inspection system proactively detected the issue during routine monitoring and promptly coordinated with the customer for on-site rectification. By optimising ventilation conditions, the temperature risk was effectively resolved, ensuring safe and stable equipment operation.

Thinking Talent

Empowering Employee

- Compliant Employment 37
- Talent Growth 39
- Health and Safety 41
- Employee Care 44

Respond to the Sustainable Development Goals[UN SDGs]

Compliant Employment

Diversity, Equality, and Inclusion

Sigenergy strictly complies with labour laws and regulations in the countries and regions where we operate. The Company has established the *Code of Business Conduct*, embedding the principles of diversity, equality, and fairness across all stages of recruitment, hiring, employment, and day-to-day human resources management.

Anti-Discrimination

Ensures fair treatment of all employees across recruitment, compensation and benefits, training opportunities, job assignment, promotion, disciplinary actions, and termination. Does not discriminate on the basis of any "protected characteristics," including but not limited to age, gender, race, nationality, ethnic origin, sexual orientation, gender identity, religion, disability, marital status, veteran status, citizenship, or any other legally protected status.

Anti-Harassment and Anti-Bullying

Prohibits any form of harassment, bullying, or other behaviour that undermines personal dignity in the workplace. Prohibits any conduct or language that may create a hostile work environment, including but not limited to offensive, degrading, or intimidating behaviour, as well as derogatory or inappropriate remarks related to protected characteristics.

Anti-Child Labour[22]

Strictly complies with statutory minimum working age requirements and does not employ individuals under the age of 16. Requires verification of valid identification documents during hiring and strictly adheres to job restrictions applicable to young workers.

Anti-Forced Labour

Respects workers' personal dignity and freedom of movement, and employs only individuals who work voluntarily and are not subject to any form of restriction. Does not engage in, support, or tolerate any form of slavery, forced labour, or human trafficking.

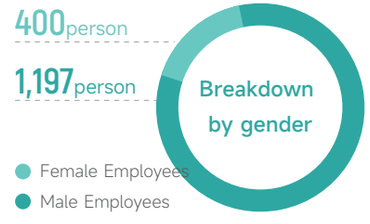
Fair Employment

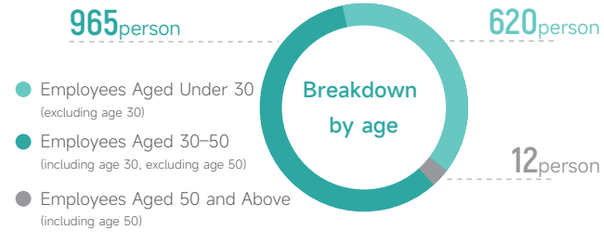
Ensures equal employment opportunities and does not refuse to hire women or impose higher hiring standards based on gender, except for roles legally restricted for women. Does not impose discriminatory restrictions based on ethnicity, race, religion, disability, carrier status of infectious diseases, or rural migrant status.

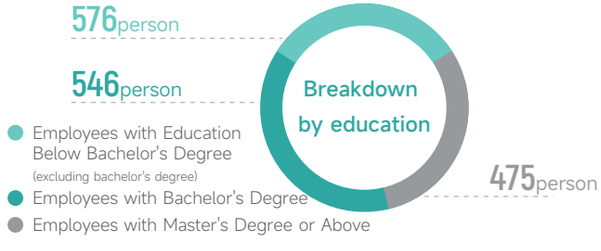
Employee Diversity

Indicators for 2025

Total Number of Employees **1,597** person







Employees with Disabilities **9** person

Contract Workers **0** person

[22] The Company strictly prohibits the employment of child labor and implements preventive controls through recruitment screening and age verification. No incidents of child labor have occurred; therefore, no specific remediation procedures have been established. The Company will continue to strengthen its labor compliance management framework.

Rights and Interests Protection

Sigenergy strictly complies with *the Labour Law of the People's Republic of China* and the *Labour Contract Law of the People's Republic of China,* fully safeguarding employees' legitimate rights and interests. The Company has established a fair, transparent, and people-oriented management system across compensation, benefits, and working hours.

• Compensation Management

Sigenergy has established and implemented the *Compensation Management Policy,* adopting a compensation system based on job value, performance orientation, and market benchmarking. The Company ensures that its compensation framework is compliant, fair, and competitive. Employees with outstanding performance and significant contributions are provided with enhanced remuneration and incentives, reflecting the principle of "more pay for more work and better performance."

Sigenergy conducts annual salary adjustments based on performance evaluations, individual capabilities, and work performance, while also considering external factors such as industry compensation levels, regional wage standards, the Consumer Price Index (CPI), and the Company's operating conditions. Within an approved adjustment budget, differentiated strategies are implemented to dynamically optimise the compensation structure, with a focus on maintaining external competitiveness for key roles, thereby retaining core talent and attracting high-quality external candidates.

• Benefits and Welfare

Sigenergy provides a comprehensive and diversified employee benefits system, covering both statutory and supplementary benefits, to enhance employees' sense of belonging and well-being.

Statutory Benefits

Provides full contributions to social insurance and housing provident funds for all employees in accordance with applicable laws and regulations.

Supplementary Benefits

Provides commercial insurance, annual health check-ups, high-temperature allowances, communication subsidies, and other benefits.

Humanistic Care

Provides holiday benefits, marriage and childbirth gifts, birthday greetings, and other personalised care initiatives.

• Working Hours

Sigenergy implements a "task-based management + limited flexible working" system, promoting project-oriented work management to encourage efficiency and support work–life balance. Where overtime is required due to business needs, employees must submit advance applications for approval. The Company strictly controls overtime duration to ensure monthly overtime does not exceed statutory limits, safeguarding employees' physical and mental well-being.

Talent Growth

Training System

Sigenergy has established the *Training Management Measures* and the *Training System*, building a structured, standardized, and accessible training framework. Centred on enhancing employees' professional skills and overall competencies, supporting career development, and strengthening the Company's overall performance and core competitiveness, the framework is designed to accurately address the differentiated training needs of various roles and positions, enabling efficient allocation of training resources and maximizing training effectiveness.

New Employee Onboarding Training
Support new hires in quickly integrating into the company, in order to familiarize them with job processes and build a solid foundation for their jobs.

Professional Skills Training
Enhance employees' professional capabilities in line with role-specific requirements across business functions, supporting both job performance and organizational development.

Leadership Development Training
Focus on enhancing management capabilities, strengthening leadership, team management, and practical execution skills of the management team.

General Competency Training
Enhance employees' core professional competencies and strengthen alignment with the Company's culture.

Strengthen Management Foundations and Empower Organizational Growth

Case

In April 2025, Sigenergy launched our first development programme for middle and junior managers, focusing on the systematic enhancement of management capabilities to build a core team that understands strategy, leads effectively, and delivers results. The programme covered 60 participants, including three-tier managers, reserve talents, and second-level managers. Through six highly interactive training sessions and workshops, the programme systematically strengthened role awareness and practical management capabilities.

2025 Number of employee training sessions

Employee Training

Number of employee training sessions
118 times

Total Training Expenditure
63.90 RMB 10,000

Training Coverage Rate
95%

Percentage of Male Employees Trained
94.90%

Percentage of Female Employees Trained
95.10%

Percentage of Senior Management Trained
95.50%

Percentage of Middle Management Trained
96%

Percentage of Junior Employees Trained
94.90%

Average Training Hours per Employee
22 hour

Average Training Hours per Female Employee
22 hour

Average Training Hours per Male Employee
22 hour

Average Training Hours per Senior Management
24 hour

Average Training Hours per Middle Management
24 hour

Average Training Hours per Junior Employees
21 hour

Career Development

Sigenergy has established the *Performance Management and Promotion System*, centred on comprehensive evaluation and scientific management of employee performance. Based on performance outcomes, the Company implements fair promotion and incentive mechanisms to fully stimulate employee motivation and creativity. Sigenergy has developed three diversified promotion pathways—competitive selection, merit-based appointment, and progressive advancement. These pathways provide tailored career development routes for employees across different roles and capability levels, enabling high-performing individuals to advance based on merit and realize their professional value alongside the Company's growth.

Health and Safety

Occupational Health and Safety Management

Sigenergy continuously enhances intrinsic safety through routine safety inspections, comprehensive safety training, and practical emergency drills, thereby strengthening the foundation for stable operations. Over the past three years, the Company has recorded zero work-related fatalities, achieving a zero-fatality safety record.

- **Routine Safety Inspections**

Sigenergy has established a Safety Committee to oversee production safety management and assigned part-time safety officers in each production park to support daily inspections. Differentiated and high-frequency on-site inspections are conducted across production sites. In 2025, a total of 12 inspections were carried out at the Lingang Production Park, 7 at the Jinqiao Production Park, and 18 at the Nantong Smart Energy Center, achieving full coverage of key areas and comprehensive control of critical processes. Identified issues are rectified promptly to ensure production sites remain in a safe and controllable condition.

- **Safety Awareness Enhancement**

Sigenergy places strong emphasis on building employees' safety capabilities. In 2025, the Company organised 54 safety training sessions, reaching 2,141 participant attendances. In conjunction with the national "Safety Production Month," Sigenergy carried out a range of activities, including safety knowledge competitions and safety awareness campaigns, fostering a strong culture where all employees prioritise safety and are equipped to respond to emergencies.

Safety Awareness Posters

Safety Knowledge Competition

EHS Thematic Training

Case

Sigenergy organises employees to participate in safety awareness sessions, including viewing accident case study videos to analyse typical incidents and reinforce the principle that "safety is paramount." Training covers topics such as safety signage recognition, fundamentals of occupational health, and proper use of personal protective equipment (PPE), ensuring employees can apply what they learn in practice and respond effectively to emergencies, thereby enhancing overall safety competencies.

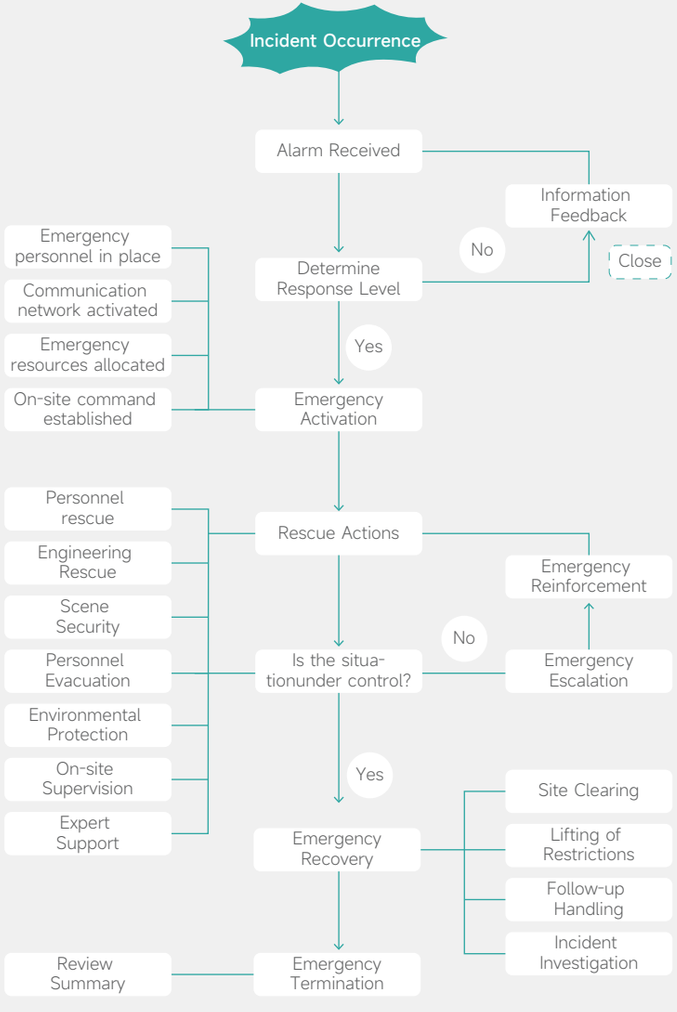
Shared Responsibility for Safety

Case

In 2025, with the guidance and support of the Lin-gang Special Area Administration Committee, Sigenergy's Lingang Production Park produced a workplace safety promotional video, showcasing the Company's "shared responsibility for safety" practices. The video highlights four key areas—accountability, hazard identification, culture building, and digital empowerment—demonstrating the Company's comprehensive safety management system and digital initiatives such as AI-powered inspections and QR code reporting. As a representative case of workplace safety practices in the Lingang New Area, it provides a replicable model for regional enterprises.

• Enhance Emergency Response Capability

Sigenergy has established and implemented the Comprehensive Emergency Response Plan for Production Safety Incidents, standardizing emergency response procedures to minimize potential injuries and economic losses. The Company is equipped with emergency supplies, including medical kits, personal protective equipment, emergency lighting systems, firefighting facilities, and leak containment materials, ensuring readiness for timely deployment. In addition, regular emergency drills are conducted to test the effectiveness of response plans, continuously strengthening emergency response and incident handling capabilities.



Occupational Health Protection

Sigenergy conducts regular assessments of occupational health hazards in the workplace in accordance with relevant standards, including the *Classification and Code of Hazardous and Harmful Factors in Production Processes* and the *Classification of Casualty Accidents of Enterprise Employees*. The Company engages qualified third-party professional institutions to monitor the concentration and intensity of occupational hazard factors on a dynamic basis, promptly rectifies identified risks, and continuously improves the working environment. At the same time, Sigenergy discloses occupational health monitoring results and installs safety warning measures such as anti-collision signage to strengthen risk awareness and on-site management, comprehensively safeguarding employees' occupational health and rights.

In terms of personal protection, Sigenergy provides employees with appropriate personal protective equipment (PPE), including dust masks and noise-reducing earplugs, to effectively safeguard occupational health in environments exposed to dust, noise, and other hazards. The Company also conducts targeted occupational health examinations for employees in key positions and promptly adjusts job assignments for those identified with occupational contraindications, ensuring appropriate job–person matching.

Occupational Health Management System Certification (Headquarters)

Occupational Health Management System Certification (Lingang Production Park)

Occupational Health Management System Certification (Jinqiao Production Park)

Noise Control for Air Compressor Rooms

Case

To continuously improve the working environment, Sigenergy carried out a targeted noise reduction programme for air compressor rooms in 2025. On one hand, key ageing components of air compressors were repaired and replaced to reduce operational noise at the source. On the other hand, soundproof barriers were installed around the compressor rooms to effectively block noise transmission. Following these measures, noise levels were reduced from approximately 80 dB to 70 dB, helping to safeguard employees' hearing health.

Employee Care

Democratic Communication

Sigenergy places strong emphasis on listening to employee voices. By continuously improving communication mechanisms, expanding communication channels, and enhancing the overall communication experience, the Company fosters an open, inclusive, diverse, and equitable organisational culture. Even in the face of differing opinions, Sigenergy adheres to the principles of constructive dialogue, ensuring that all employees have the opportunity to express their views, and builds consensus on the basis of mutual respect to support sustainable development.

- **Communication and Grievance Channels**

Sigenergy has established the *Whistleblowing and Investigation Management Policy*, creating transparent and diversified channels for employee communication and grievances. The Company encourages employees to report suspected misconduct and ensures strict confidentiality of whistleblowers and reported information, with zero tolerance for retaliation. All reports are acknowledged within three working days.

Report to Immediate Supervisor First

An audit email (audit@sigenergy.com) has been established, allowing employees to report directly to the Internal Audit Department when concerns involve their supervisors or when they have reservations.

For major violations or matters related to the Internal Audit Department, reports may be made directly to the Company's TC meeting.

- **Employee Satisfaction**

Sigenergy conducts annual employee satisfaction surveys and has established dedicated service groups on Lark to widely collect employee feedback and suggestions across all aspects of the Company's operations, ensuring timely follow-up and resolution of employee concerns. Through continuous listening and responsive feedback, the Company refines its management practices while enhancing employees' sense of participation, recognition, and belonging. In 2025, employee satisfaction reached approximately 95%.

Employee Care and Wellbeing

Sigenergy continuously advances a range of employee care initiatives, focusing on improving working conditions and quality of life while enriching employees' cultural and recreational activities. Through these efforts, the Company fosters a collaborative, warm, and harmonious organizational environment, effectively enhancing employees' sense of belonging and well-being.

Optimize the Office Environment

- The office has been fully relocated to a new workspace featuring more spacious layouts and enhanced facilities, with upgraded functional areas including a gym, leisure zones, and a mother-and-baby room.
- All interior materials adopt E0-grade eco-friendly panels, with full compliance verified by third-party testing.

Enrich Employee Activities

- A "Wednesday Activity Day" has been established, with regular interest group activities such as badminton, basketball, football, and yoga.

Deliver Practical Benefits for Employees

Gym

Reading Area

Leisure Area

Football Match

Badminton Tournament

Basketball Match

Launch Family Day to Foster a Culture of Care and Well-being

Case

In November 2025, Sigenergy hosted its annual Family Day at its Shanghai headquarters. The event featured four themed areas—fun challenges, parent-child crafts, a food market, and cultural performances—offering diverse activities, DIY interactions, and collaborative family tasks that enabled employees and their families to experience the Company's care in an immersive way. The concurrently launched "Family Growth Record" initiative encouraged employees to capture memorable moments, reflecting their shared journey with the Company. The event not only enhanced employees' sense of belonging and family well-being, but also strengthened overall organisational cohesion and engagement.

Respond to the Sustainable Development Goals[UN SDGs]

17 PARTNERSHIPS FOR THE GOALS

Thinking Responsibility

Co-creating a Sustainable Value Chain

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- Industry Collaboration and Development 50
- Community Investment and Shared Value 52

Responsible Supply Chain

Supplier Management

Sigenergy integrates environmental responsibility, social responsibility, and business ethics throughout the entire supplier lifecycle—from onboarding and collaboration to evaluation and optimisation—driving the sustained and healthy development of its supply chain ecosystem. At the same time, the Company continues to advance the refinement and quantification of sustainable supply chain management, strengthen the identification of human rights and forced labour risks, and optimise localization strategies based on the characteristics of operations in high-risk regions, further enhancing supply chain resilience and compliance.

• Management System

Sigenergy adopts a risk-based and tiered management approach to establish a full-process supplier management system, ensuring a stable, compliant, and efficient supply chain. A differentiated admission review mechanism is implemented to rigorously assess qualifications, technical capabilities, quality, delivery performance, and supply chain management, enabling the selection of qualified partners at the source.

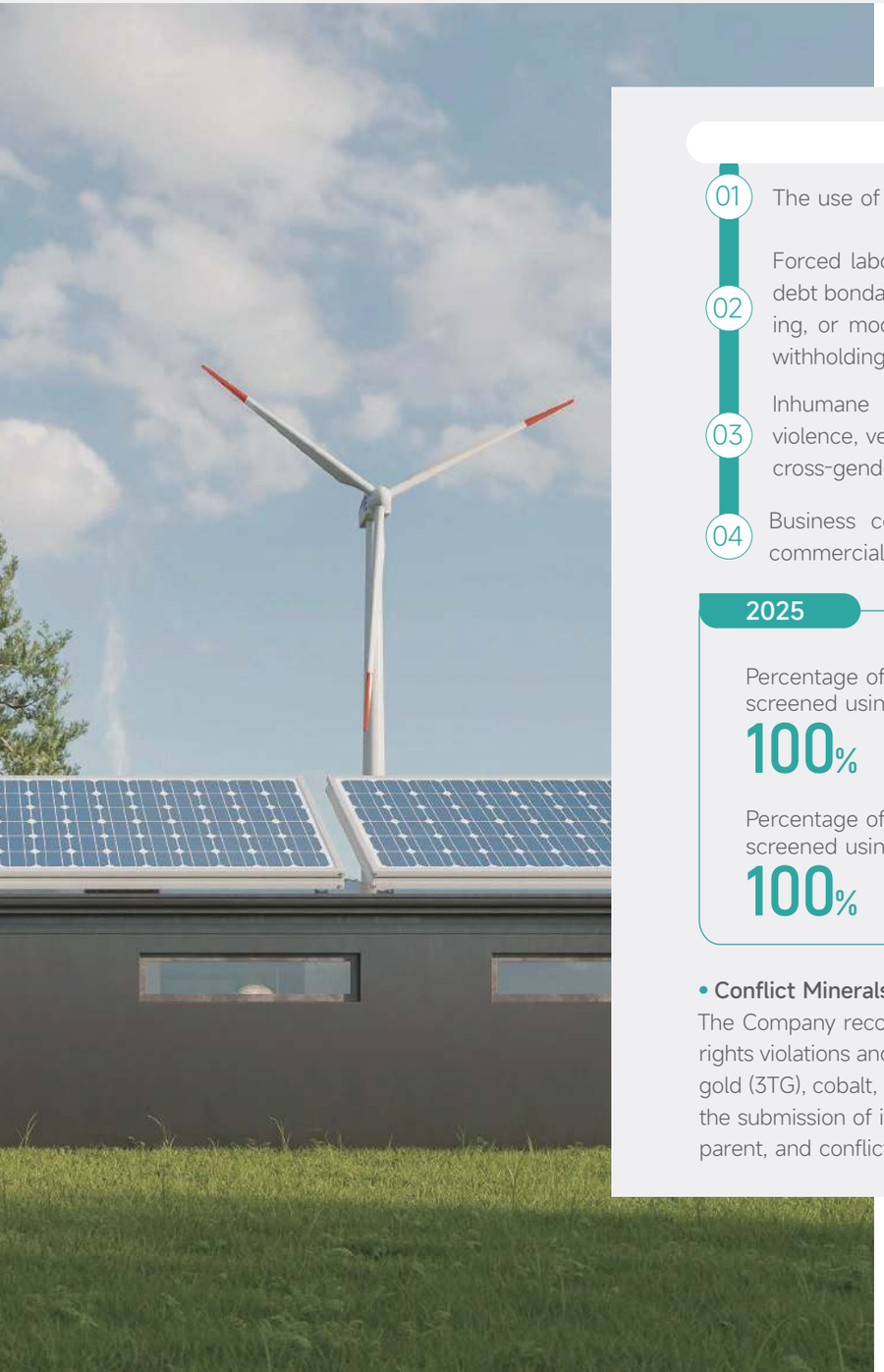
To drive continuous improvement in supplier performance, the Company has established a standardized evaluation system, supported by policies such as the Supplier Performance Evaluation and Supplier Audit Mechanism. Suppliers are assessed across dimensions including quality, delivery, cost, service, and technical responsiveness, with monthly scoring and comprehensive quarterly and annual evaluations.

Based on evaluation results, the Company implements tiered incentives and dynamic management. Top-performing (Grade A) suppliers are rewarded and given preferential allocation in strategic projects. For underperforming (Grade D) suppliers, corrective actions are initiated with close monitoring, including potential reduction in supply share. Suppliers that remain non-compliant after remediation or are rated Grade D annually are subject to supply adjustment, replacement, or exit. This establishes a closed-loop system covering admission, control, improvement, and exit, ensuring long-term compliance, efficiency, and sustainable supply chain development.

• Code of Conduct

The Company has established the Supplier Code of Conduct, requiring all partners to fulfil fundamental responsibilities, including compliant employment and labour protection, environmental protection, business integrity, and the prohibition of conflict minerals, thereby jointly promoting continuous progress in social, environmental, and ethical performance. In parallel, the *Supplier CSR Due Diligence Management* Policy has been introduced, requiring suppliers to sign a *Declaration of Compliance with the Shanghai Sigenergy Supplier Code of Conduct*, further strengthening supply-chain social responsibility management. To address violations of CSR red lines[23], the Company has established a clear response mechanism: in the event of serious non-compliance, cooperation will be immediately suspended, and a Corrective/Preventive Action Request will be issued, with remediation progress tracked throughout to ensure effective rectification.

[23] CSR Red Line refers to non-compliance issues that have significant and/or direct impact and must be eliminated immediately.



CSR red lines include, but are not limited to, the following

01 The use of any form of child labour.

02 Forced labour: the use of any form of forced, bonded (including debt bondage) or indentured labour, prison labour, human trafficking, or modern slavery; restriction of personal freedom; and the withholding of identity documents.

03 Inhumane treatment: including corporal punishment, use of violence, verbal abuse or sexual harassment, unlawful searches or cross-gender body searches, and severe discrimination.

04 Business corruption and serious integrity violations: including commercial bribery, unfair competition, and fraudulent practices.

05 Significant conflicts of interest.

06 Any working conditions that seriously endanger life, safety or health, as well as fatal accidents occurring at the workplace.

07 Illegal discharge of toxic and hazardous pollutants, including wastewater, exhaust gas, solid waste, high-level radiation, and excessive noise.

08 Serious media crises, mass incidents, and public health emergencies.

09 Serious information disclosure violations, including intentional concealment or falsification.

2025

Percentage of new suppliers screened using environmental criteria **100%**	Number of suppliers subject to environmental impact assessments **628** number	Number of suppliers identified with actual and potential significant negative environmental impacts **0** number
Percentage of new suppliers screened using social criteria **100%**	Number of suppliers subject to social impact assessments **628** number	Number of suppliers identified with actual and potential significant negative social impacts **0** number

- **Conflict Minerals Management**

The Company recognizes that sourcing minerals from conflict-affected and high-risk areas may indirectly finance armed conflicts or contribute to human rights violations and environmental damage. Accordingly, we commit not to procure or use any minerals or their derivatives—such as tin, tungsten, tantalum, gold (3TG), cobalt, and mica—that are directly or indirectly sourced from conflict regions. For suppliers identified as high-risk materials providers, we require the submission of industry-standard due diligence reports (CMRT/EMRT)[24] to ensure that the origin of raw materials within the supply chain is lawful, transparent, and conflict-free.

[24] namely the Conflict Minerals Report Template / Extended Minerals Report Template.

Sustainable Supply Chain

Sigenergy is committed to building a sustainable supply chain defined by shared responsibility and co-created value. Through robust governance mechanisms and capability building, the Company promotes systematic improvements across integrity, environmental compliance, and quality assurance within its supply chain.

• Compliance Safeguards

Sigenergy strictly enforces integrity and environmental compliance requirements. We have signed *Anti-Corruption Agreements* with 100% of suppliers, clearly defining responsibilities for anti-bribery and fair competition. The Company continues to advance chemical compliance management, with a REACH[25] commitment signing rate of 86.84%. We require suppliers to comply with the EU REACH Regulation and our environmental standards, ensuring all products meet hazardous substance control requirements.

• Capacity Building

In 2025, the Company conducted a total of 21 supplier quality training sessions, covering key requirements such as appearance standards, technical specifications, and quality agreements, and organised 45 quality improvement initiatives. Quality engineers are now stationed on-site at eight core component suppliers, while technical support is provided to other suppliers through periodic on-site visits. This enables the early identification, intervention, and resolution of quality issues, effectively enhancing overall supply chain quality and collaboration efficiency.

Training on Quality Control Requirements for a Specific Project

On-site Training on Product Stacking Methods and Requirements

Reshape Supply Chain Geography to Drive Decarbonization Synergies

Case

In 2025, Sigenergy initiated collaboration with a core supplier (Supplier A) to gradually relocate production capacity from Dongguan to Nantong, optimising the geographic layout of the supply chain. The project is progressing steadily, and, upon completion, will significantly enhance operational efficiency and support green development, building a more efficient low-carbon supply chain system.

Substantial reduction in transport distance

• Each shipment distance is reduced by 1,438[26]km, fundamentally shortening the supply chain and effectively lowering logistics costs.

Significant carbon reduction benefits

• With reduced transport distances, the Company expects a substantial decrease in heavy-duty diesel truck trips annually, thereby lowering Scope 3 greenhouse gas emissions and continuously reducing the product lifecycle carbon footprint.

[25] EU REACH Regulation: Registration, Evaluation, Authorisation and Restriction of Chemicals.

[26] It refers to the driving distance from the Dongguan Xianghua Plant to the Nantong Smart Energy Center.

Industry Collaboration and Development

Sigenergy consistently upholds an open and collaborative philosophy, actively advancing cross-regional and cross-sector industrial synergy. Through deep engagement in industry organizations and strengthened international cooperation with governments and enterprises, the Company contributes to the transition of the global new energy ecosystem from isolated competition to systemic win-win outcomes.

- **Advance Industry Development**

The Company places strong emphasis on the strategic value of industry collaboration platforms and actively participates in new energy industry associations and professional organizations across key markets in Asia, Europe, and the Americas. As of the end of the Reporting Period, Sigenergy has joined 22 industry associations.

Country/Region	Industry Association	Role
Global	Solar Power Europe	Member
Global	International Battery & Storage Association	Member
United States	Solar Energy Industries Association	Member
United States	California Solar & Storage Association	Member
Germany	BSW（Bundesverband Solarwirtschaft e.V.）	Member
United Kingdom	Solar Trade Association	Member
Austria	PV Austria	Member
Sweden	Svensk Solenergi（Swedish Solar Energy Association）	Member
Germany	BDSH(Bundesverband des Solarhandwerks e.V.)	Member
Spain	UNEF(Unión Española Fotovoltaica)	Member
Spain	APPA(Asociación de Empresas de Energías Renovables)	Member

Country/Region	Industry Association	Role
Netherlands	Holland Solar	Member
Netherlands	Energy storage NL	Member
Belgium	PV-Vlaanderen	Member
Ireland	ISEA (Irish Solar Energy Association)	Member
Australia	SEC (Smart Energy Council)	Member
Australia	AUSES (Australian Solar Energy Society)	Member
Malaysia	MPIA (Malaysian Photovoltaic Industry Association)	Member
China	GSEA (Guangdong Solar Energy Association)	Member
China	SPES (Fujian Provincial Chamber of Commerce for Solar Photovoltaic Energy Storage)	Member
China	EESA (Electrical Energy Storage Alliance)	Board Member
China	CPIA (China Photovoltaic Industry Association)	Member

- **Build Green Partnership Benchmarks**

The Company actively establishes strategic partnerships with governments and local institutions worldwide, integrating local needs with global technological solutions to support regions in achieving their green and low-carbon development goals.

Empower Bulgaria with Faster Energy Storage Deployment

Case

In June 2025, the Company hosted a "Modular Energy Storage Solutions Exchange Conference" in Bulgaria, where its efficient and flexible technology solutions received high recognition from the Electricity System Operator EAD. The project deployed a total of 90 modular energy storage units, with a total capacity of 20 MWh. Leveraging an innovative modular stacking structure and plug-and-play terminal connection technology, the system required neither lifting equipment nor complex cabling. Installation was completed by a five-person team within 10 days, commissioning was finalized in 2 days, and full 20MWh capacity was successfully brought online within 20 minutes on the day of grid connection.

In terms of safety and operations, the system integrates a six-layer battery safety protection mechanism, enabling second-level response in the event of thermal runaway. The system achieves an IP66 protection rating, supports maintenance-free operation, and enables remote monitoring and unattended management via a cloud platform. In the event of a fault, only a single module needs to be replaced, allowing operations to be restored within 2 hours—significantly reducing downtime compared to conventional systems, which may require dozens of hours for recovery.

Partner with Slovenia to Build a Benchmark for Green Energy in Europe

Case

In September 2025, the Company hosted an on-site green energy exchange event in Jesenice, Slovenia, attracting over 150 participants from local government authorities, industry institutions, and business partners. During the event, the Company formally signed a strategic cooperation agreement with the City of Jesenice, focusing on the planning and implementation of solar-plus-storage projects, the application of clean energy solutions, energy storage system development, and localized services. This collaboration aims to support the city in establishing a model for green and low-carbon development.

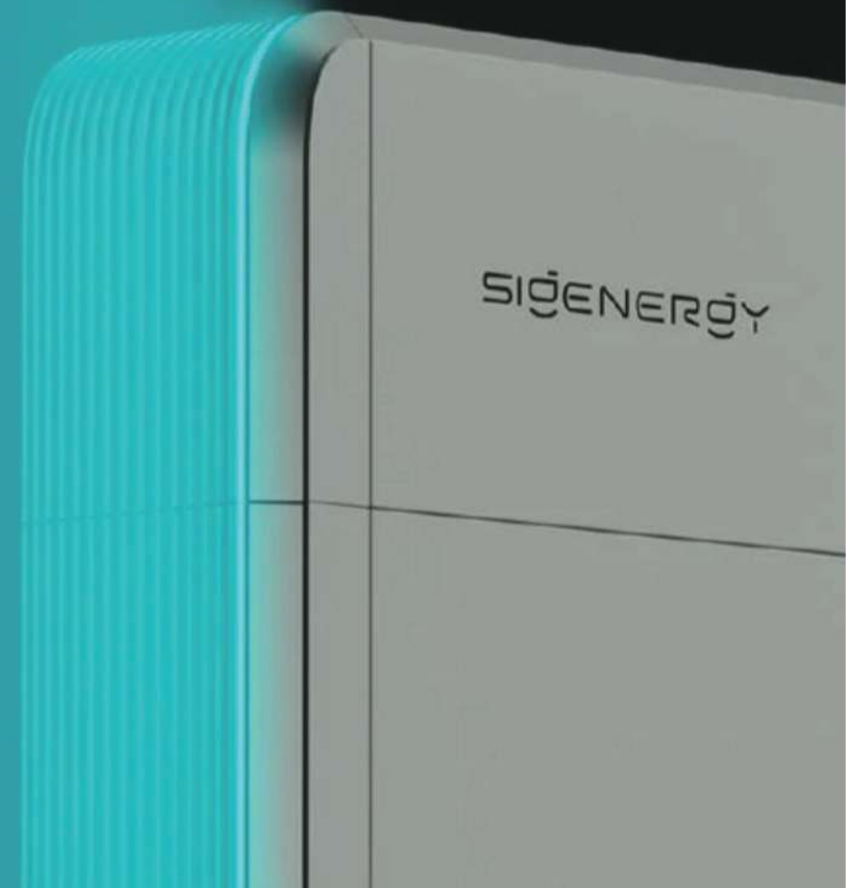
Community Investment and Shared Value

Sigenergy consistently upholds the core principles of responsibility orientation and transparent compliance. In strict adherence to applicable laws and regulations, the Company actively engages in public welfare initiatives and community co-development, carrying out pragmatic and sustainable investments across areas such as education support, disaster relief, cultural integration, and ecological protection.

Zhejiang University Certificate of Gratitude

- **Support Higher Education**

Sigenergy supports the cultivation of high-level talent in China's new energy sector by establishing the "Sigenergy Scholarship" at leading universities, including Zhejiang University, Shanghai Jiao Tong University, Xi'an Jiaotong University, Tongji University, Nanjing University of Aeronautics and Astronautics, and Southeast University. The Company contributes RMB 100,000 to each institution to reward outstanding students with both academic excellence and strong commitment to energy transition and technological innovation, thereby promoting deeper integration of industry, academia, and research and strengthening the talent foundation of the industry.



- **Supporting the development of cultural and sports initiatives**

In 2025, Sigenergy officially became a sponsorship partner of HDD Jesenice, a renowned ice hockey team in Slovenia. This collaboration not only connects the company's brand with the country's strong sporting heritage, but also reflects its long-term commitment to integrating into local communities and supporting cultural development while expanding its international presence.

- **Emergency Humanitarian Assistance**

Following the "3.28" earthquake in Myanmar in 2025, Sigenergy responded promptly by donating 200 tents to the affected areas, providing essential shelter and basic living support to impacted communities. The initiative demonstrates the company's agility in responding to major public emergencies and its strong commitment to humanitarian care.

Appendix

Key Performance Indicators[27]

Indicator		Unit	2025
Environmental Dimension			
Addressing Climate Change	Scope 1 GHG Emissions	tCO_2e	1.23[28]
	Scope 2 GHG Emissions	tCO_2e	10,532.96[29]
	Total GHG Emissions (Scope 1 + Scope 2)	tCO_2e	10,534.20
Energy	Total Purchased Electricity	MWh	19,629.09
	Renewable Energy Consumption – Photovoltaic Power Generation	MWh	1,256.77
	Gasoline Consumption	L	586.00
	Total Energy Consumption	MWh	19,634.17
	Energy Consumption Intensity	MWh/RMB 10,000	0.02
	Direct energy consumption	MWh	5.08
	Direct energy intensity	MWh/RMB 100 million	0.06
	Indirect energy consumption	MWh	19,629.09
	Indirect energy intensity	MWh/RMB 100 million	216.60
Water	Total Water Consumption	kt	36.83
	Water Consumption Intensity	kt/RMB	0.04

Indicator		Unit	2025
Materials	Total Packaging Materials Consumption	ton	9,280.01
	Packaging Material Intensity	ton/RMB 10,000	0.01
Exhaust Gas[30]	Non-Methane Hydrocarbons (NMHC)	ton	0.02
Solid Waste	Total waste disposed	ton	1,362.03
	Total Hazardous Waste Generated	ton	61.14
	Hazardous Waste Intensity	kg/RMB 10,000	0.07
	Waste Batteries	ton	18.44
	Other Hazardous Waste	ton	42.70
	Total Non-hazardous Waste Generated	ton	1,300.89
	Non-hazardous Waste Intensity	kg/RMB 10,000	1.44
	Domestic and Kitchen Waste	ton	103.68
	Other Waste (e.g., waste packaging, cartons)	ton	1,197.21
Social Dimension			
Employee Composition	Total Number of Employees	person	1,597
	Female Employees	person	400
	Male Employees	person	1,197
	Employees Aged Under 30 (excluding age 30)	person	620
	Employees Aged 30–50 (including age 30, excluding age 50)	person	965
	Employees Aged 50 and Above (including age 50)	person	12

[27] This appendix presents data for the current Reporting Period only. As historical data coverage is incomplete, presenting prior-year figures may lead to distortion or misinterpretation. To ensure the accuracy and reliability of disclosures, no historical comparative data are included in this report. Going forward, the Company will continue to enhance its ESG data management system, expand indicator coverage, and incorporate comparable historical data in due course to better reflect performance trends over time.

[29] Scope 2 GHG emissions are calculated based on purchased electricity and adjusted for green electricity consumption during the Reporting Period. The emission factor used is 0.5366 $kgCO_2/kWh$ (2022 national average), published by the National Bureau of Statistics.

[30] Scope 1 GHG emission sources of Sigenergy include emissions from mobile combustion.

Indicator		Unit	2025
Employee Composition	Local Employees	person	97
	Non-local Employees	person	1,500
	Employees with Education Below Bachelor's Degree (excluding bachelor's degree)	person	576
	Employees with Bachelor's Degree	person	546
	Employees with Master's Degree or Above	person	475
	Employees with Disabilities	person	9
Diversity of Governance Bodies	Total Number of Senior Management	person	12
	Female Senior Management	person	2
	Male Senior Management	person	10
	Senior Management Aged Under 30 (excluding age 30)	person	0
	Senior Management Aged 30–50 (including age 30, excluding age 50)	person	10
	Senior Management Aged 50 and Above (including age 50)	person	2
	Total Number of Middle Management	person	41
	Female Middle Management	person	7
	Male Middle Management	person	34
	Middle Management Aged Under 30 (excluding age 30)	person	0
	Middle Management Aged 30–50 (including age 30, excluding age 50)	person	41
	Middle Management Aged 50 and Above (including age 50)	person	0
Non-employee Workers	Contract Workers	person	0
Minimum Notice Period Regarding Operational Changes	Minimum Number of Weeks of Notice Provided to Employees and Their Representatives Prior to Significant Operational Changes that May Materially Affect Them	week	4

Indicator		Unit	2025
Employee Turnover Rate	Overall Employee Turnover Rate[31]	%	15
	Female Employee Turnover Rate	%	4
	Male Employee Turnover Rate	%	11
	Employee Turnover Rate Aged Under 30 (excluding age 30)	%	6
	Employee Turnover Rate Aged 30–50 (including age 30, excluding age 50)	%	8.90
	Employee Turnover Rate Aged 50 and Above (including age 50)	%	0.10
	Local Employee Turnover Rate	%	0.50
	Turnover Rate of Employees from Other Regions	%	14.50
Newly Hired	Total Number of New Hires	person	957
	New Female Employees	person	253
	New Male Employees	person	704
	New Employees Aged Under 30 (excluding age 30)	person	445
	New Employees Aged 30–50 (including age 30, excluding age 50)	person	509
	New Employees Aged 50 and Above (including age 50)	person	3
	New Local Employees	person	38
	New Employees from Other Regions	person	919

[31] Calculated as the number of employees who left in 2025 divided by the total number of employees as of the end of 2025.

Indicator		Unit	2025
Employee Training[32]	Number of employee training sessions	times	118
	Total Training Expenditure	RMB 10,000	63.90
	Training Coverage Rate	%	95
	Percentage of Male Employees Trained	%	94.90
	Percentage of Female Employees Trained	%	95.10
	Percentage of Senior Management Trained	%	95.50
	Percentage of Middle Management Trained	%	96
	Percentage of Junior Employees Trained	%	94.90
	Average Training Hours per Employee	hour	22
	Average Training Hours per Female Employee	hour	22
	Average Training Hours per Male Employee	hour	22
	Average Training Hours per Senior Management	hour	24
	Average Training Hours per Middle Management	hour	24
	Average Training Hours per Junior Employees	hour	21
Parental Leave	Total Number of Employees Entitled to Parental Leave	person	150
	Male Employees Taking Parental Leave	person	129
	Female Employees Taking Parental Leave	person	21
	Employees Returning to Work After Parental Leave During the Reporting Period	person	150
	Employees Returning to Work After Parental Leave and Still Employed 12 Months After Return	person	148
	Return-to-work Rate After Parental Leave	%	100
	Retention Rate After Parental Leave	%	98

Indicator		Unit	2025
Occupational Health and Safety Management System	Percentage of Operations and Employees Covered by an Occupational Health and Safety Management System	%	100
Work-related Injuries	Number of Work-related Fatalities	person	0
Local Procurement	Proportion of Procurement Spending on Local Suppliers	%	98
Number of Suppliers	Total Number of Suppliers	number	1,346
	Number of Suppliers in Mainland China	number	1,029
	Number of Suppliers in Hong Kong, Macao, and Taiwan	number	18
	Number of Overseas Suppliers	number	299
Sustainable Supply Chain	Percentage of new suppliers screened using environmental criteria	%	100
	Number of suppliers subject to environmental impact assessments	number	628
	Number of suppliers identified with actual and potential significant negative environmental impacts	number	0
	Percentage of new suppliers screened using social criteria	%	100
	Number of suppliers subject to social impact assessments	number	628
	Number of suppliers identified with actual and potential significant negative social impacts	number	0
Local Communities	Investment in Emergency Relief and Disaster Response	RMB 10,000	1,400
	Investment in Environmental Protection Initiatives	USD 10,000	1

[32] In this report, the average training hours per employee are calculated as the total annual training hours of each group divided by the total number of employees in that group who participated in training. This applies to groups segmented by gender (female, male) and by position level (senior management, middle management, general staff).

Indicator		Unit	2025
Governance Dimension			
Anti-corruption	Total Number of Operations Assessed for Corruption Risks	number	0
	Number of Senior Management Covered by Anti-corruption Training	person	12
	Percentage of Senior Management Covered by Anti-corruption Training	%	100
	Number of Employees Covered by Anti-corruption Training	person	1,597
	Percentage of Employees Covered by Anti-corruption Training	%	100
	Number of Confirmed Corruption Incidents Involving the Company or Its Employees During the Reporting Period	case	0
Data Security and Customer Privacy Protection	Monetary Losses Resulting from Data Security Incidents	RMB 10,000	0
	Monetary Losses Resulting from Customer Privacy Breaches	RMB 10,000	0

Indicator Index

Global Reporting Initiative (GRI) Standards Content Index

Notes for Use Sigenergy has prepared this report in reference to the GRI Standards, covering the period from 1 January 2025 to 31 December 2025. The information cited in the GRI Content Index corresponds to disclosures made during this Reporting Period.

GRI 1 Used GRI 1: Foundation 2021

Disclosure issues	Corresponding sections
GRI 2: General Disclosures 2021	
Disclosure 2-1 Organizational details	About Sigenergy
Disclosure 2-2 Entities included in the organization's sustainability reporting	About the Report
Disclosure 2-3 Reporting Period, frequency and contact poin	About the Report
Disclosure 2-4 Restatements of information	About the Report
Disclosure 2-5 External assurance	Appendix - Assurance Statement
Disclosure 2-6 Activities, value chain and other business relationships	About Sigenergy
Disclosure 2-7 Employees	Thinking Talent: Empowering Employee Value
Disclosure 2-8 Workers who are not employees	Appendix - Key Performance Indicators
Disclosure 2-9 Governance structure and composition	Thinking with Integrity: Building a Strong Foundation for Development - Corporate Governance
Disclosure 2-10 Nomination and selection of the highest governance body	Thinking with Integrity: Building a Strong Foundation for Development - Corporate Governance
Disclosure 2-11 Chair of the highest governance body	Thinking with Integrity: Building a Strong Foundation for Development - Corporate Governance
Disclosure 2-12 Role of the highest governance body in overseeing the management of impacts	Thinking with Integrity: Building a Strong Foundation for Development - Sustainability Governance
Disclosure 2-13 Delegation of responsibility for managing impacts	Thinking with Integrity: Building a Strong Foundation for Development - Corporate Governance
Disclosure 2-14 Role of the highest governance body in sustainability reporting	Thinking with Integrity: Building a Strong Foundation for Development - Sustainability Governance
Disclosure 2-15 Conflicts of interest	Thinking with Integrity: Building a Strong Foundation for Development - Corporate Governance
Disclosure 2-16 Communication of critical concerns	Thinking with Integrity: Building a Strong Foundation for Development - Sustainability Governance

Disclosure issues	Corresponding sections
Disclosure 2-17 Collective knowledge of the highest governance body	Thinking with Integrity: Building a Strong Foundation for Development - Sustainability Governance
Disclosure 2-18 Evaluation of the performance of the highest governance body	Thinking with Integrity: Building a Strong Foundation for Development - Corporate Governance
Disclosure 2-19 Remuneration policies	Thinking with Integrity: Building a Strong Foundation for Development - Corporate Governance
Disclosure 2-20 Process to determine remuneration	Thinking with Integrity: Building a Strong Foundation for Development - Corporate Governance
Disclosure 2-21 Annual total compensation ratio	/
Disclosure 2-22 Statement on sustainable development strategy	Board Statement
Disclosure 2-23 Policy commitments	/
Disclosure 2-24 Embedding policy commitments	/
Disclosure 2-25 Processes to remediate negative impacts	/
Disclosure 2-26 Mechanisms for seeking advice and raising concerns	/
Disclosure 2-27 Compliance with laws and regulations	Appendix - Key Performance Indicators
Disclosure 2-28 Membership associations	Thinking Responsibility: Co-creating a Sustainable Value Chain - Industry Collaboration and Development
Disclosure 2-29 Approach to stakeholder engagement	Thinking with Integrity: Building a Strong Foundation for Development - Sustainability Governance
Disclosure 2-30 Collective bargaining agreements	/

Disclosure issues	Corresponding sections
GRI 201: Economic Performance 2016	
Disclosure 201-1 Direct economic value generated and distributed	Appendix - Key Performance Indicators
Disclosure 201-2 Financial implications and other risks and opportunities due to climate change	Thinking Green: Protecting Our Shared Planet - Addressing climate change
Disclosure 201-3 Defined benefit plan obligations and other retirement plans	Thinking Talent: Empowering Employee Value - Compliant Employment
Disclosure 201-4 Financial assistance received from government	/
GRI 202: Market Presence 2016	
Disclosure 202-1 Ratios of standard entry level wage by gender compared to local minimum wage	/
Disclosure 202-2 Proportion of senior management hired from the local community	/
GRI 203: Indirect Economic Impacts 2016	
Disclosure 203-1 Infrastructure investments and services supported	Thinking Responsibility: Co-creating a Sustainable Value Chain - Community Investment and Shared Value
Disclosure 203-2 Significant indirect economic impacts	/
GRI 204: Procurement Practices 2016	
Disclosure 204-1 Proportion of spending on local suppliers	Appendix - Key Performance Indicators
GRI 205: Anti-corruption 2016	
Disclosure 205-1 Operations assessed for risks related to corruption	/
Disclosure 205-2 Communication and training about anti-corruption policies and procedures	Appendix - Key Performance Indicators
Disclosure 205-3 Confirmed incidents of corruption and actions taken	Thinking with Integrity: Building a Strong Foundation for Development - Business Ethics
GRI 206: Anti-competitive Behavior 2016	
Disclosure 206-1 Legal actions for anti-competitive behavior, antitrust, and monopoly practices	Thinking with Integrity: Building a Strong Foundation for Development - Business Ethics

Disclosure issues	Corresponding sections
GRI 207: Tax 2019	
Disclosure 207-1 Approach to tax	/
Disclosure 207-2 Tax governance, control, and risk management	Thinking with Integrity: Building a Strong Foundation for Development - Business Ethics
Disclosure 207-3 Stakeholder engagement and management of concerns related to tax	/
Disclosure 207-4 Country-by-country reporting	/
GRI 301: Materials 2016	
Disclosure 301-1 Materials used by weight or volume	Appendix - Key Performance Indicators
Disclosure 301-2 Recycled input materials used	/
Disclosure 301-3 Reclaimed products and their packaging materials	/
GRI 302: Energy 2016	
Disclosure 302-1 Energy consumption within the organization	Appendix - Key Performance Indicators
Disclosure 302-2 Energy consumption outside of the organization	Appendix - Key Performance Indicators
Disclosure 302-3 Energy intensity	Appendix - Key Performance Indicators
Disclosure 302-4 Reduction of energy consumption	Thinking Green: Protecting Our Shared Planet - Efficient Resource Utilization
Disclosure 302-5 Reductions in energy requirements of products and services	Thinking Green: Protecting Our Shared Planet - Efficient Resource Utilization
GRI 303: Water and Effluents 2018	
Disclosure 303-1 Interactions with water as a shared resource	Thinking Green: Protecting Our Shared Planet - Efficient Resource Utilization
Disclosure 303-2 Management of water discharge-related impacts	Thinking Green: Protecting Our Shared Planet - Environmental Compliance Management
Disclosure 303-3 Water withdrawal	/
Disclosure 303-4 Water discharge	/
Disclosure 303-5 Water consumption	Appendix - Key Performance Indicators

Disclosure issues	Corresponding sections
GRI 305: Emissions 2016	
Disclosure 305-1 Direct (Scope 1) GHG emissions	Appendix - Key Performance Indicators
Disclosure 305-2 Energy indirect (Scope 2) GHG emissions	Appendix - Key Performance Indicators
Disclosure 305-3 Other indirect (Scope 3) GHG emissions	/
Disclosure 305-4 GHG emissions intensity	/
Disclosure 305-5 Reduction of GHG emissions	/
Disclosure 305-6 Emissions of ozone-depleting substances (ODS)	/
Disclosure 305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	Appendix - Key Performance Indicators
GRI 306: Waste 2020	
Disclosure 306-1 Waste generation and significant waste-related impacts	Thinking Green: Protecting Our Shared Planet - Environmental Compliance Management
Disclosure 306-2 Management of significant waste-related impacts	Thinking Green: Protecting Our Shared Planet - Environmental Compliance Management
Disclosure 306-3 Waste generated	/
Disclosure 306-4 Waste diverted from disposal	/
Disclosure 306-5 Waste directed to disposal	Thinking Green: Protecting Our Shared Planet - Environmental Compliance Management
GRI 308: Supplier Environmental Assessment 2016	
Disclosure 308-1 New suppliers that were screened using environmental criteria	Appendix - Key Performance Indicators
Disclosure 308-2 Negative environmental impacts in the supply chain and actions taken	Thinking Responsibility: Co-creating a Sustainable Value Chain - Responsible Supply Chain

Disclosure issues	Corresponding sections
GRI 401: Employment 2016	
Disclosure 401-1 New employee hires and employee turnover	Appendix - Key Performance Indicators
Disclosure 401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	Thinking Talent: Empowering Employee Value - Compliant Employment
Disclosure 401-3 Parental leave	Appendix - Key Performance Indicators
GRI 402: Labor/Management Relations 2016	
Disclosure 402-1 Minimum notice periods regarding operational changes	Appendix - Key Performance Indicators
GRI 403: Occupational Health and Safety 2018	
Disclosure 403-1 Occupational health and safety management system	Thinking Talent: Empowering Employee Value - Health and Safety
Disclosure 403-2 Hazard identification, risk assessment, and incident investigation	Thinking Talent: Empowering Employee Value - Health and Safety
Disclosure 403-3 Occupational health services	Thinking Talent: Empowering Employee Value - Health and Safety
Disclosure 403-4 Worker participation, consultation, and communication on occupational health and safety	Thinking Talent: Empowering Employee Value - Health and Safety
Disclosure 403-5 Worker training on occupational health and safety	Thinking Talent: Empowering Employee Value - Health and Safety
Disclosure 403-6 Promotion of worker health	Thinking Talent: Empowering Employee Value - Health and Safety
Disclosure 403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Thinking Talent: Empowering Employee Value - Health and Safety
Disclosure 403-8 Workers covered by an occupational health and safety management system	Appendix - Key Performance Indicators
Disclosure 403-9 Work-related injuries	Appendix - Key Performance Indicators
Disclosure 403-10 Work-related ill health	Thinking Talent: Empowering Employee Value - Health and Safety

Disclosure issues	Corresponding sections
GRI 404: Training and Education 2016	
Disclosure 404-1 Average hours of training per year per employee	Appendix - Key Performance Indicators
Disclosure 404-2 Programs for upgrading employee skills and transition assistance programs	Thinking Talent: Empowering Employee Value - Talent Growth
Disclosure 404-3 Percentage of employees receiving regular performance and career development reviews	Appendix - Key Performance Indicators
GRI 405: Diversity and Equal Opportunity 2016	
披Disclosure 405-1 Diversity of governance bodies and employees	Appendix - Key Performance Indicators
Disclosure 405-2 Ratio of basic salary and remuneration of women to men	/
GRI 406: Non-discrimination 2016	
Disclosure 406-1 Incidents of discrimination and corrective actions taken	/
GRI 407: Freedom of Association and Collective Bargaining 2016	
Disclosure 407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	/
GRI 408: Child Labor 2016	
Disclosure 408-1 Operations and suppliers at significant risk for incidents of child labor	/
GRI 409: Forced or Compulsory Labor 2016	
Disclosure 409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	/
GRI 410: Security Practices 2016	
Disclosure 410-1 Security personnel trained in human rights policies or procedures	/

Disclosure issues	Corresponding sections
GRI 411: Rights of Indigenous Peoples 2016	
Disclosure 411-1 Incidents of violations involving rights of indigenous peoples	/
GRI 413: Local Communities 2016	
Disclosure 413-1 Operations with local community engagement, impact assessments, and development programs	/
Disclosure 413-2 Operations with significant actual and potential negative impacts on local communities	/
GRI 414: Supplier Social Assessment 2016	
Disclosure 414-1 New suppliers that were screened using social criteria	Appendix - Key Performance Indicators
Disclosure 414-2 Negative social impacts in the supply chain and actions taken	Appendix - Key Performance Indicators
GRI 415: Public Policy 2016	
Disclosure 415-1 Political contributions	/
GRI 416: Customer Health and Safety 2016	
Disclosure 416-1 Assessment of the health and safety impacts of product and service categories	/
Disclosure 416-2 Incidents of non-compliance concerning the health and safety impacts of products and services	/
GRI 417: Marketing and Labeling 2016	
Disclosure 417-1 Requirements for product and service information and labeling	Thinking Change: Driving a Clean Future through Innovation - Product Responsibility
Disclosure 417-2 Incidents of non-compliance concerning product and service information and labeling	Thinking Change: Driving a Clean Future through Innovation - Product Responsibility
Disclosure 417-3 Incidents of non-compliance concerning marketing communications	Thinking Change: Driving a Clean Future through Innovation - Product Responsibility
GRI 418: Customer Privacy 2016	
Disclosure 418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	Appendix - Key Performance Indicators

HKEX Appendix C2 Environmental, Social and Governance Reporting Code - Part C: "Comply or explain" Provisions

Disclosure issues		Corresponding sections
A.Environmental		
A1: Emissions		
General Disclosure	Information on: (a) the policies; and(b) compliance with relevant laws and regulations that have a significant impact on the issuerrelating to air emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	Thinking Green: Protecting Our Shared Planet - Environmental Compliance Management
A1.1	The types of emissions and respective emissions data.	Appendix - Key Performance Indicators
A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Appendix - Key Performance Indicators
A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	Appendix - Key Performance Indicators
A1.5	Description of emission target(s) set and steps taken to achieve them.	Thinking Green: Protecting Our Shared Planet - Environmental Compliance Management
A1.6	Description of how hazardous and non-hazardous wastes are handled, and a description of the reduction target(s) set and steps taken to achieve them.	Thinking Green: Protecting Our Shared Planet - Environmental Compliance Management
A2: Use of Resources		
General Disclosure	Policies on the efficient use of resources, including energy, water, and other raw materials.	Thinking Green: Protecting Our Shared Planet - Efficient Resource Utilization
A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility).	Appendix - Key Performance Indicators
A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).	Appendix - Key Performance Indicators
A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them.	Thinking Green: Protecting Our Shared Planet - Efficient Resource Utilization
A2.4	Description of whether there is any issue with sourcing water that is fit for purpose, water efficiency targets set, and steps taken to achieve them.	Thinking Green: Protecting Our Shared Planet - Efficient Resource Utilization
A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	Appendix - Key Performance Indicators
A3: The Environment and Natural Resources		
General Disclosure	Policies on minimizing the issuer's significant impacts on the environment and natural resources.	Thinking Green: Protecting Our Shared Planet - Biodiversity Conservation
A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	Thinking Green: Protecting Our Shared Planet - Biodiversity Conservation
B.Social		
B1: Employment		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.	Thinking Talent: Empowering Employee Value - Compliant Employment, Talent Growth
B1.1	Total workforce by gender, employment type (for example, full- or part-time), age group, and geographical region.	Appendix - Key Performance Indicators
B1.2	Employee turnover rate by gender, age group, and geographical region.	Appendix - Key Performance Indicators
B2: Health and Safety		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards.	Thinking Talent: Empowering Employee Value - Health and Safety
B2.1	Number and rate of work-related fatalities occurred in each of the past three years, including the reporting year.	Thinking Talent: Empowering Employee Value - Health and Safety

Disclosure issues		Corresponding sections
B2.2	Lost days due to work injury.	Appendix - Key Performance Indicators
B2.3	Description of occupational health and safety measures adopted, and how they are implemented and monitored.	Thinking Talent: Empowering Employee Value - Health and Safety
B3: Development and Training		
General Disclosure	Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities.	Thinking Talent: Empowering Employee Value - Talent Growth
B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	Appendix - Key Performance Indicators
B3.2	The average training hours completed per employee by gender and employee category.	Appendix - Key Performance Indicators
B4: Labour Standards		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.	Thinking Talent: Empowering Employee Value - Compliant Employment
B4.1	Description of measures to review employment practices to avoid child and forced labour.	Thinking Talent: Empowering Employee Value - Compliant Employment
B4.2	Description of steps taken to eliminate such practices when discovered.	Thinking Talent: Empowering Employee Value - Compliant Employment
B5: Supply Chain Management		
General Disclosure	Policies on managing environmental and social risks of the supply chain.	Thinking Responsibility: Co-creating a Sustainable Value Chain - Responsible Supply Chain
B5.1	Number of suppliers by geographical region.	Appendix - Key Performance Indicators
B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored.	Thinking Responsibility: Co-creating a Sustainable Value Chain - Responsible Supply Chain
B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	Thinking Responsibility: Co-creating a Sustainable Value Chain - Responsible Supply Chain
B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	Thinking Responsibility: Co-creating a Sustainable Value Chain - Responsible Supply Chain

Disclosure issues		Corresponding sections
B6: Product Responsibility		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labelling, and privacy matters relating to products and services provided and methods of redress.	Thinking Change: Driving a Clean Future through Innovation - Product Responsibility、Customer Service
B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	Thinking Change: Driving a Clean Future through Innovation - Product Responsibility
B6.2	Number of products and service-related complaints received and how they are dealt with.	All feedback disclosed in this report relates to product inquiries and is not classified or counted as complaints.
B6.3	Description of practices relating to observing and protecting intellectual property rights.	Thinking Change: Driving a Clean Future through Innovation - Research and Development Innovation
B6.4	Description of quality assurance process and recall procedures	Thinking Change: Driving a Clean Future through Innovation - Product Responsibility
B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored.	Thinking with Integrity: Building a Strong Foundation for Development - Information Security
B7: Anti-corruption		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud, and money laundering.	Thinking with Integrity: Building a Strong Foundation for Development - Business Ethics
B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the Reporting Period and the outcomes of the cases.	Appendix - Key Performance Indicators
B7.2	Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored.	Thinking with Integrity: Building a Strong Foundation for Development - Business Ethics
B7.3	Description of anti-corruption training provided to directors and staff.	Thinking with Integrity: Building a Strong Foundation for Development - Business Ethics
B8: Community Investment		
General Disclosure	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests.	Thinking Responsibility: Co-creating a Sustainable Value Chain - Community Investment and Shared Value
B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport).	Thinking Responsibility: Co-creating a Sustainable Value Chain - Community Investment and Shared Value
B8.2	Resources contributed (e.g. money or time) to the focus area.	Thinking Responsibility: Co-creating a Sustainable Value Chain - Community Investment and Shared Value

HKEX Appendix C2 Environmental, Social and Governance Reporting Code - Part D: Climate-related Disclosures

During the Reporting Period, Sigenergy was not a constituent of the Hang Seng Composite LargeCap Index (HSCLI); therefore, [Part D: Climate-related Disclosures] was not mandatory for the Company.

To progressively enhance its climate management capabilities, the Company has, where practicable, generally referenced [Part D: Climate-related Disclosures] and included relevant climate-related disclosures in this report.

	Disclosure issues	Corresponding sections
Governance		
19	The governance body(s) (which can include a board, committee, or equivalent body charged with governance) or individual(s) responsible for oversight of climate-related risks and opportunities.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
	Management's role in the governance processes, controls and procedures used to monitor, manage and oversee climate-related risks and opportunities.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
Strategy		
20	Describe climate-related risks and opportunities that could reasonably be expected to affect the issuer's cash flows, its access to finance or cost of capital over the short, medium or long term.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
	Explain, for each climate-related risk the issuer has identified, whether the issuer considers the risk to be a climate-related physical risk or a climate-related transition risk.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
	Specify, for each climate-related risk and opportunity the issuer has identified, over which time horizons – short, medium or long term – the effects of each climate-related risk and opportunity could reasonably be expected to occur.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
21	Explain how the issuer defines 'short term', 'medium term', and 'long term' and how these definitions are linked to the planning horizons used by the issuer for strategic decision-making.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
	A description of the current and anticipated effects of climate-related risks and opportunities on the issuer's business model and value chain.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
	A description of where in the issuer's business model and value chain climaterelated risks and opportunities are concentrated (for example, geographical areas, facilities, and types of assets).	Thinking Green: Protecting Our Shared Planet - Addressing climate change

	Disclosure issues	Corresponding sections
22	Information about how the issuer has responded to, and plans to respond to, climate-related risks and opportunities in its strategy and decision-making, including how the issuer plans to achieve any climate-related targets it has set and any targets it is required to meet by law or regulation.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
	Information about how the issuer is resourcing, and plans to resource.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
23	An issuer shall disclose information about the progress of plans disclosed in previous reporting periods.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
24	How climate-related risks and opportunities have affected its financial position, financial performance, and cash flows for the reporting period.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
	The climate-related risks and opportunities for which there is a significant risk of a material adjustment within the next annual reporting period to the carrying amounts of assets and liabilities reported in the related financial statements.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
25	How the issuer expects its financial position to change over the short, medium, and long term, given its strategy to manage climate-related risks and opportunities.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
	How the issuer expects its financial performance and cash flows to change over the short, medium, and long term, given its strategy to manage climate-related risks and opportunities.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
26	The issuer's assessment of its climate resilience as at the reporting date.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
	Carry out climate-related scenario analysis.	Thinking Green: Protecting Our Shared Planet - Addressing climate change

	Disclosure issues	Corresponding sections
Risk Management		
27	The processes and related policies it uses to identify, assess, prioritise, and monitor climate-related risks.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
	The processes the issuer uses to identify, assess, prioritise, and monitor climate-related opportunities (including information about whether and how the issuer uses climate-related scenario analysis to inform its identification of climate-related opportunities.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
	The extent to which, and how, the processes for identifying, assessing, prioritising, and monitoring climate-related risks and opportunities are integrated into and inform the issuer's overall risk management process.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
Metrics and Targets		
28	An issuer shall disclose its absolute gross greenhouse gas emissions generated during the reporting period, expressed as metric tons of CO2 equivalent.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
29	An issuer shall disclose the approach it uses to measure its greenhouse gas emissions including: (i) the measurement approach, inputs and assumptions the issuer uses to measure its greenhouse gas emissions; (ii) the reason why the issuer has chosen the measurement approach, inputs and assumptions it uses to measure its greenhouse gas emissions; and (iii) any changes the issuer made to the measurement approach, inputs and assumptions during the reporting period and the reasons for those changes.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
30	An issuer shall disclose the amount and percentage of assets or business activities vulnerable to climate-related transition risks.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
31	An issuer shall disclose the amount and percentage of assets or business activities vulnerable to climate-related physical risks.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
32	An issuer shall disclose the amount and percentage of assets or business activities aligned with climate-related opportunities.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
33	An issuer shall disclose the amount of capital expenditure, financing, or investment deployed towards climate-related risks and opportunities.	Thinking Green: Protecting Our Shared Planet - Addressing climate change

	Disclosure issues	Corresponding sections
34	An issuer shall disclose: (a) an explanation of whether and how the issuer is applying a carbon price in decisionmaking (for example, investment decisions, transfer pricing, and scenario analysis); and (b) the price of each metric tonne of greenhouse gas emissions the issuer uses to assess the costs of its greenhouse gas emissions; or an appropriate negative statement that the issuer does not apply a carbon price in decision-making.	No carbon pricing mechanism has been established; not applicable.
35	An issuer shall disclose whether and how climate-related considerations are factored into remuneration policy, or an appropriate negative statement.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
36	In determining the industry-based metrics that the issuer discloses, an issuer is encouraged to refer to and consider the applicability of the industry-based metrics associated with disclosure topics described in the IFRS S2 Industry-based Guidance on implementing Climate-related Disclosures and other industry-based disclosure requirements prescribed under other international ESG reporting frameworks.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
37	An issuer shall disclose (a) the qualitative and quantitative climate-related targets the issuer has set to monitor progress towards achieving its strategic goals; and (b) any targets the issuer is required to meet by law or regulation, including any greenhouse gas emissions targets.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
38	An issuer shall disclose information about its approach to setting and reviewing each target, and how it monitors progress against each target.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
39	An issuer shall disclose information about its performance against each climate-related target and an analysis of trends or changes in the issuer's performance.	Thinking Green: Protecting Our Shared Planet - Addressing climate change
40	For each greenhouse gas emissions target disclosed in accordance with paragraphs 37 to 39, an issuer shall disclose: (a) which greenhouse gases are covered by the target; (b) Whether Scope 1, Scope 2, or Scope 3 greenhouse gas emissions are covered by the target; (c) Whether the target is a gross greenhouse gas emissions target or a net greenhouse gas emissions target. If the issuer discloses a net greenhouse gas emissions target, the issuer is also required to separately disclose its associated gross greenhouse gas emissions target; (d) whether the target was derived using a sectoral decarbonization approach.	Thinking Green: Protecting Our Shared Planet - Addressing climate change

UN SDGs Index

UN Sustainable Development Goals（UN SDGs）	Corresponding Sections
1 NO POVERTY	/
2 ZERO HUNGER	/
3 GOOD HEALTH AND WELL-BEING	Thinking Talent: Empowering Employee Value
4 QUALITY EDUCATION	Thinking Talent: Empowering Employee Value
5 GENDER EQUALITY	Thinking Talent: Empowering Employee Value
6 CLEAN WATER AND SANITATION	Thinking Green: Protecting Our Shared Planet

UN Sustainable Development Goals（UN SDGs）	Corresponding Sections
7 AFFORDABLE AND CLEAN ENERGY	Thinking Green: Protecting Our Shared Planet
8 DECENT WORK AND ECONOMIC GROWTH	Thinking Talent: Empowering Employee Value
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	Thinking Change: Driving a Clean Future through Innovation
10 REDUCED INEQUALITIES	Thinking Talent: Empowering Employee Value
11 SUSTAINABLE CITIES AND COMMUNITIES	Thinking Responsibility: Co-creating a Sustainable Value Chain
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	Thinking Green: Protecting Our Shared Planet Thinking Change: Driving a Clean Future through Innovation

UN Sustainable Development Goals（UN SDGs）	Corresponding Sections
13 CLIMATE ACTION	Thinking Green: Protecting Our Shared Planet
14 LIFE BELOW WATER	/
15 LIFE ON LAND	Thinking Green: Protecting Our Shared Planet
16 PEACE, JUSTICE AND STRONG INSTITUTIONS	Thinking with Integrity: Building a Strong Foundation for Development Thinking Talent: Empowering Employee Value
17 PARTNERSHIPS FOR THE GOALS	Thinking with Integrity: Building a Strong Foundation for Development Thinking Change: Driving a Clean Future through Innovation Thinking Responsibility: Co-creating a Sustainable Value Chain

Assurance Statement

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Independent Assurance Statement

ISAE3000-CN-TR-2026-006

TÜV Rheinland was engaged by Sigenergy (Shanghai) Co., Ltd. (the "Company") to undertake an independent limited assurance engagement on selected environmental, social and governance ("ESG") data and disclosures presented in its 2025 ESG Report (the "Report") for the year ended 31 December 2025.

Our responsibility is to express a limited assurance conclusion on the selected information based on the procedures performed. The engagement was conducted in accordance with the International Standard on Assurance Engagements (ISAE) 3000 (Revised), Assurance Engagements Other than Audits or Reviews of Historical Financial Information, issued by the International Auditing and Assurance Standards Board (IAASB).

Scope and Subject Matter

The scope of our assurance engagement encompasses the sustainability-related quantitative data and qualitative information presented in Sigenergy (Shanghai) Co., Ltd.'s 2025 ESG Report (the "Report"), covering the period from 1 January 2025 to 31 December 2025.

This includes, but is not limited to:

- ☒ Environmental performance data (e.g. energy consumption, greenhouse gas emissions (Scope 1 and Scope 2), water consumption, and waste management);
- ☒ Social performance data (e.g. employee information, training and development, occupational health and safety);
- ☒ Governance-related disclosures (e.g. corporate governance structure, business ethics and compliance);
- ☒ Qualitative descriptions of policies, management approaches, and selected initiatives and case studies presented in the Report.

We note that our assurance scope does not include the verification of financial data or any information disclosed outside of the Report. In addition, Scope 3 greenhouse gas emissions, which are currently under development by the Company, are excluded from the scope of our assurance. Our procedures also do not extend to the quantification of climate-related financial impacts. Furthermore, no assurance is provided on any statements regarding future intentions, targets, projections or scenario analyses, as such information is forward-looking in nature.

Reporting Criteria

The Report has been prepared by Sigenergy (Shanghai) Co., Ltd. with reference to:

- ☒ the Global Reporting Initiative (GRI) Standards (2021); and
- ☒ the Hong Kong Stock Exchange Environmental, Social and Governance Reporting Guide.

These reporting criteria have been used as the basis for our assurance engagement. We assessed the Report's content with respect to its alignment with the stated reporting criteria and the consistency of the disclosed information with those criteria.

Level of Assurance

Our engagement was designed to provide limited assurance as defined by ISAE 3000 (Revised). A limited assurance engagement is substantially less in scope than a reasonable assurance engagement in relation to both the risk assessment procedures, including an understanding of internal control, and the procedures performed in response to the assessed risks. Consequently, the level of assurance provided is lower than that which would be provided had a reasonable assurance engagement been performed.

Responsibilities of the Company and TÜV Rheinland

The Company's Responsibilities:

The management of Sigenergy (Shanghai) Co., Ltd. is responsible for the preparation of the 2025 ESG Report in accordance with the reporting criteria described above, and for ensuring that the information contained in the Report is accurate and complete in all material respects. This responsibility includes the design, implementation and maintenance of appropriate internal controls relevant to the preparation and presentation of the Report, such that it is free from material misstatement, whether due to fraud or error. Management is also responsible for the validity and integrity of the disclosed ESG data and information, including the collection, aggregation and disclosure of sustainability performance data, as well as the assertions and representations made in the Report.

TÜV Rheinland's Responsibilities:

Our responsibility is to express a limited assurance conclusion on the selected information based on the procedures we have performed and the evidence we have obtained. We conducted our engagement in accordance with ISAE 3000 (Revised). This standard requires that we plan and perform the engagement to obtain limited assurance about whether the selected information is free from material misstatement.

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Summary of Work Performed

Our assurance procedures included, but were not limited to, the following:

1. Understanding and Assessment of Systems and Processes:

- Reviewing the systems and processes used to generate, aggregate, and report the selected information.
- Evaluating the appropriateness of the reporting criteria used.

2. Interviews and Discussions:

- Conducting interviews with key personnel responsible for the management and reporting of the selected information.
- Discussing the methods and assumptions used to prepare the ESG data.

3. Data Testing and Analytical Procedures:

- Performing sample-based substantive testing of the selected information to verify its accuracy and completeness.
- Conducting analytical procedures to assess the consistency and reasonableness of the reported data.

4. Site Visits and Observations:

- Visiting selected sites to observe data collection and reporting processes.
- Reviewing supporting documentation and records available at the site.

5. Review of Disclosures:

- Evaluating the overall presentation, structure and internal consistency of the Report;
- Assessing the alignment of disclosures with the stated reporting criteria.

Limitations

Our assurance engagement is subject to the following limitations:

- **Scope of Work**: Our work was limited to the selected ESG indicators and narratives specified in the scope section. Our conclusions apply solely to these specific indicators and narratives and should not be inferred to apply to other information or the company's overall sustainability performance.
- **Sampling Limitation**: We tested samples of data underlying the selected ESG indicators. Due to the nature of sampling, our findings are based on a subset of the total data population, which introduces the risk that some material misstatements or omissions may not have been detected.
- **Data Availability**: Our assurance procedures were based on the data and information made available by Sigenergy (Shanghai) Co., Ltd. at the time of our review. Any limitations in data availability could impact the comprehensiveness of our assurance.
- **Correctness of Data Provided**: Our assurance engagement relied on the accuracy and completeness of the data provided by the Company. We did not independently verify the correctness of all the data provided; our assurance is based on the premise that the data and information supplied are accurate and complete to the best of the Company's knowledge and belief.
- **Projection of Results**: Our engagement did not evaluate the achievability of forward-looking statements such as targets or projections. These statements are subject to uncertainties and risks that may cause actual results to differ materially. Therefore, our conclusions do not provide assurance on future performance or the realization of these statements.

Conclusion

Based on the procedures we have performed and the evidence we have obtained, nothing has come to our attention that causes us to believe that the 2025 ESG Report of Sigenergy (Shanghai) Co., Ltd. for the year ended 31 December 2025 has not been prepared, in all material respects, in accordance with the reporting criteria described above. Within the scope of our limited assurance engagement, the Report presents the Company's ESG disclosures in a manner that is consistent with the stated reporting criteria.

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Independence and Competence

We adhere to TÜV Rheinland's internal policies and procedures to ensure independence, objectivity and professional competence in all assurance engagements. All team members involved in this engagement are independent of Sigenergy (Shanghai) Co., Ltd., and appropriate measures have been implemented to identify and manage potential conflicts of interest.

Our team members possess relevant professional qualifications and experience in ESG assurance and are supported by ongoing professional development to maintain up-to-date knowledge of applicable standards and best practices. The engagement was performed in accordance with TÜV Rheinland's internal quality management procedures and in compliance with the ethical and professional requirements of ISAE 3000 (Revised).

Statement of Use and Liability

Our independent assurance report is prepared solely for Sigenergy (Shanghai) Co., Ltd. in accordance with the terms of our engagement. Our work has been undertaken so that we might state to the Company those matters we are required to state in this report, and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than Sigenergy (Shanghai) Co., Ltd. for our work, for this report, or for the conclusions we have formed.

Copyright and Intellectual Property Rights

This assurance report is the intellectual property of TÜV Rheinland Hong Kong Ltd. It is intended solely for the use of Sigenergy (Shanghai) Co., Ltd. and may not be distributed or disclosed to any third party without our prior written consent, except where required by law or regulation.

Any use of, or reliance on, this report by third parties is entirely at their own risk. TÜV Rheinland Hong Kong Ltd. shall not accept or assume any responsibility for any loss, damage or expense incurred by any third party arising from such use or reliance.

Mr. Ryan Foo Lead Verifier Corporate Sustainability Services	Mr. Wai Kwok Wong Technical Reviewer Global Technical Manager – ESG and Sustainability Assurance	Mr. Winlon Tsui Vice General Manager Corporate Sustainability Services

TÜV Rheinland Hong Kong Ltd.

http://www.tuv.com

20 April 2026

This report is intended solely for the use of Sigenergy (Shanghai) Co., Ltd. and may not be suitable for any other purpose. This report shall not be distributed or disclosed to any third party without our prior written consent.

Reader Feedback Form

Dear Reader,

To continuously improve the preparation of this report, we sincerely welcome your comments and suggestions. Please kindly assist us by completing the following questions and send your feedback to: operation.management@sigenergy.com.

Your Stakeholder Group:

- ○ Shareholders and Investors
- ○ Board of Directors and Senior Management
- ○ Employees and Working Personnel
- ○ Business Partners and Industry Associations
- ○ Universities and Research Institutions
- ○ Suppliers
- ○ Customers (Installers, Distributors, End Users)
- ○ Government and Regulatory Authorities
- ○ Communities and the Public

Your Contact Information:

Your overall evaluation of Sigenergy's ESG report

○ Very Good ○ Good ○ Fair ○ Poor ○ Very Poor

The extent to which the report reflects Sigenergy's material environmental, social and governance impacts

○ Very Good ○ Good ○ Fair ○ Poor ○ Very Poor

Your overall evaluation of the level of information disclosure in this report

○ Very Good ○ Good ○ Fair ○ Poor ○ Very Poor

Your overall evaluation of the report's content and layout design

○ Very Good ○ Good ○ Fair ○ Poor ○ Very Poor

What additional information would you like to learn from the 2025 Environmental, Social, and Governance (ESG) Report of Sigenergy Technology Co., Ltd?