

2024

Environmental, Social and Governance (ESG) Report



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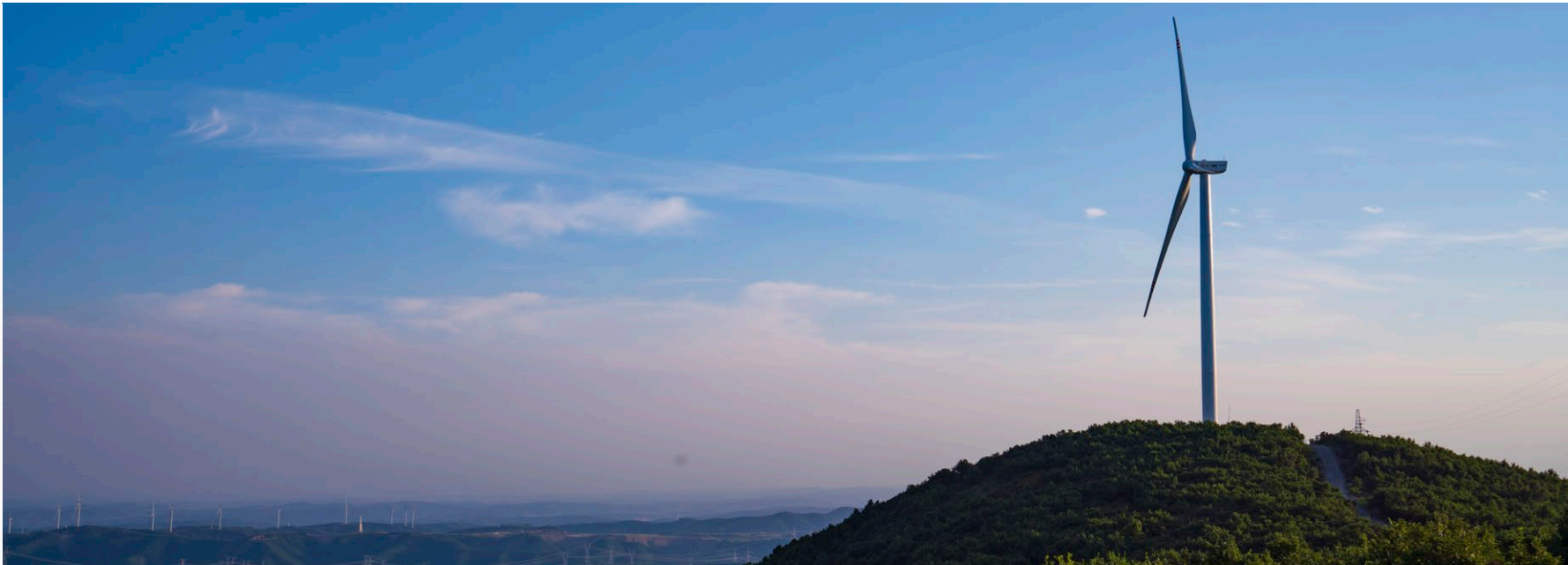
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About This Report

Overview

SANY Renewable Energy Co., Ltd. hereby issues the third Environmental, Social and Governance (ESG) report, which discloses the Company’ s sustainability-related strategies, policies, actions and achievements during the Reporting Period to stakeholders.

This Report presents the ESG performance of SANY Renewable Energy in 2024 (covering the period from January 1, 2024 to December 31, 2024), with some information beyond the above timeframe.



Reporting Scope

With SANY Renewable Energy as The Reporting entity, This Report covers SANY Renewable Energy and its holding subsidiaries. The scope of This Report is consistent with the Company’ s 2024 Annual Report. Environmental data included in This Report covers all production bases and key office locations. Any discrepancies between specific information or data boundaries and the overall reporting scope are explicitly noted in the main text.

Basis of Preparation

This Report is prepared in accordance with the Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies – Sustainability Report (Trial), and with reference to the GRI Sustainability Reporting Standards (GRI Standards) of the Global Sustainability Standards Board (GSSB), the IFRS S2: Climate-related Disclosures issued by the International Sustainability Standards Board (ISSB), and the United Nations Sustainable Development Goals (SDGs).

Data Sources

The financial data in This Report is derived exclusively from the Company’ s annual report. Other data originates from internal official documents, publicly available records, and third-party verified sources. All amounts are in CNY unless otherwise stated. The Board of Directors of SANY Renewable Energy confirms that This Report contains no deceptive content, misleading descriptions or material omissions.

Abbreviations

For clarity and readability, “SANY Renewable Energy”, “we” and “the Company” in This Report refer to SANY Renewable Energy Co., Ltd. The full names and abbreviations of subsidiaries in This Report are as below, unless otherwise stated.

Full Name	Abbreviation
SANY Renewable Energy Co., Ltd.	SANY Renewable Energy
Sany Zhangjiakou Wind Power Technology Co., Ltd.	Sany Zhangjiakou
Sany (Shaoshan) Wind Power Equipment Co., Ltd.	Sany Shaoshan
Sany Renewable Energy Equipment (Chenzhou) Co., Ltd.	Sany Chenzhou
Tongyu County Sany Wind Power Equipment Technology Co., Ltd.	Sany Tongyu
Sany (Bayannur) Wind Power Equipment Co., Ltd.	Sany Bayannur
Sany (Tacheng) Wind Power Equipment Co., Ltd.	Sany Tacheng
Sany (Barkol) Wind Power Equipment Co., Ltd.	Sany Barkol
Sany (Xilingol) Wind Power Equipment Co., Ltd.	Sany Xilingol

Confirmation and Approval

This Report was approved by the Board of Directors on April 28th 2025, upon confirmation by the management.

Access to This Report

This Report is published in both electronic and printed formats. The electronic version can be downloaded from the Shanghai Stock Exchange (SSE) website, or the official website and WeChat official account of SANY Renewable Energy.

Your opinions and suggestions are highly valuable to us. For any inquiries or recommendations regarding the Company’ s sustainability disclosures and performance, please email us at sanyreir@sany.com.cn.

Message from the Chairman



周富贵

In 2024, SANY Renewable Energy ramped up efforts in the four sustainability strategies: green development, talent cultivation, excellent quality and business integrity, achieving remarkable accomplishments. We remain committed to our vision to “build first-class enterprises, foster first-class talents, and make first-class contributions” actively implementing ESG principles to facilitate harmonious coexistence of the enterprise with society and the environment.

We adhere to green development as the cornerstone of our operations.

In 2024, we committed to set science-based carbon targets (SBTi), secured the Ecovadis silver certification, implemented ecological restoration practices at wind farms, and advanced the construction of the world’s first “Lighthouse Factory” in the wind power industry, making significant strides in protecting the green ecosystem. We provide integrated wind power solutions, dedicated to reducing greenhouse gas emissions and accelerating the clean energy transition. Through technological innovation and intelligent upgrades, we significantly lower energy consumption and carbon emissions. These efforts enable us to make substantial contributions to environmental protection, fulfill our low-carbon commitments, and lead industry transformation.

We prioritize talents as the driving force for corporate growth.

In 2024, we updated our labor and human rights protection policies, refined our talent development and incentive mechanisms, and further optimized employee compensation and benefits. We also attract top talents through global expansion and multi-channel cooperation. Meanwhile, we create a healthy, safe, diverse, and inclusive workplace for our employees and those of our stakeholders, comprehensively safeguarding their rights and interests. We will continue investing in this regard to build a globally competitive team that unleashes talent potential and drives co-prosperity.

We pursue excellent quality as the foundation of management.

In 2024, we achieved significant breakthroughs in R&D innovation and product quality enhancement. These included the advancement in the development and application of multiple wind turbine models, with notable success in the 922 platform 15 MW onshore wind turbine SI-270150, and the 919 platform 10 MW wind turbine SI-230100. We continue to fuel digital and intelligent transformation by establishing a unified smart management platform. With this platform, we are able to drive comprehensive upgrades in production, quality control, and service operation and maintenance, thereby strengthening our products’ market competitiveness. Looking ahead, we will steadfastly embrace the philosophy that “Quality Changes the World”, and continue to pursue excellence in craftsmanship and innovation-driven development.

We uphold integrity as the bedrock of our business.

In 2024, we improved policies for business ethics and information security management by establishing an ISO 37001 anti-bribery management system, achieving new milestones in corporate governance. We also developed a supplier code of business ethics, incorporated ethical considerations in corporate social responsibility assessments, and established an integrity-driven value chain. By practicing integrity in our operations globally, we have earned widespread trust of clients and partners. We commit to continuously contributing to industry-wide healthy development, building a corruption-free ecosystem, and upholding business ethics.

Moving forward, SANY Renewable Energy will remain steadfast in its pursuit of high-quality development, continuously deepen sustainability practices, and promote harmonious coexistence of the enterprise with society and the environment. We are confident that, through the concerted efforts of all employees, we will light up the world with high-quality clean energy and step into a green, low-carbon future.

About SANY Renewable Energy

Company Profile

SANY Renewable Energy Co., Ltd. was founded in 2008 and is committed to becoming a global leader in the field of clean energy equipment supply and services. The Company was officially listed and traded on STAR Market of Shanghai Stock Exchange on June 22, 2022 (stock code: 688349). SANY Renewable Energy is among the Global Top 500 New Energy Companies and recognized by the Ministry of Industry and Information Technology of the People’s Republic of China as the Benchmark Enterprise for Intelligent Manufacturing. SANY Renewable Energy’s market share has increased significantly and ranking sixth among the global wind turbine manufacturers and Top 5 Chinese wind turbine manufacturers.

Business Operations

The main businesses of SANY Renewable Energy includes the R&D, manufacturing and sales of wind turbines, and the designing, construction, and operation management of wind farms. By integrating international research and technology resources, SANY Renewable Energy continues to create wind turbine products with competitive advantages, and has the ability to independently design, construct and operate wind farms. SANY Renewable Energy has developed comprehensive wind energy solutions integrating top-level digital design, intelligent manufacturing, complete system integration, and core components manufacturing, as well as wind farm design, EPC, and operation and maintenance.

Corporate Culture

Driven by the concept of “Leading the Future with Intelligent Manufacturing” and our vision of “Promoting Efficient Utilization of Clean Energy,” SANY Renewable Energy is actively contributing to China’s goals of “Carbon Peaking and Carbon Neutrality,” and supporting the global transition to clean energy.



Leading the Future with Intelligent Manufacturing



Promoting Efficient Utilization of Clean Energy



Actively Contributing to China’s Goals of “Carbon Peaking and Carbon Neutrality”, And Supporting the Global Transition to Clean Energy



2024 Annual Performance

Economic Performance

Total Assets

RMB **41,403** Million

Revenue

RMB **17,792** Million

Net Profit Attributable to the Parent Company

RMB **1,812** Million

R&D Investment

RMB **777** Million

Percentage of R&D Expenditure to Revenue

4.37%



Environmental Performance

Scope 1 Emissions

12,703 Tonnes of CO₂ Equivalent

Scope 2 Emissions - Market-Based

115,651 Tonnes of CO₂ Equivalent

Scope 2 Emissions - Location-Based

120,240 Tonnes of CO₂ Equivalent

Wind Turbines Provided by the Company Have Cumulatively Generated Electricity

135.8 billion KWh

Equivalent to reducing CO₂ Emissions

72.87 million tonnes



Social Performance

Total Employees

6,330

Incidents of Child Labor and Forced Labor

0

Incidents of Harassment and Discrimination

0

Number of Work-Related Fatalities

0

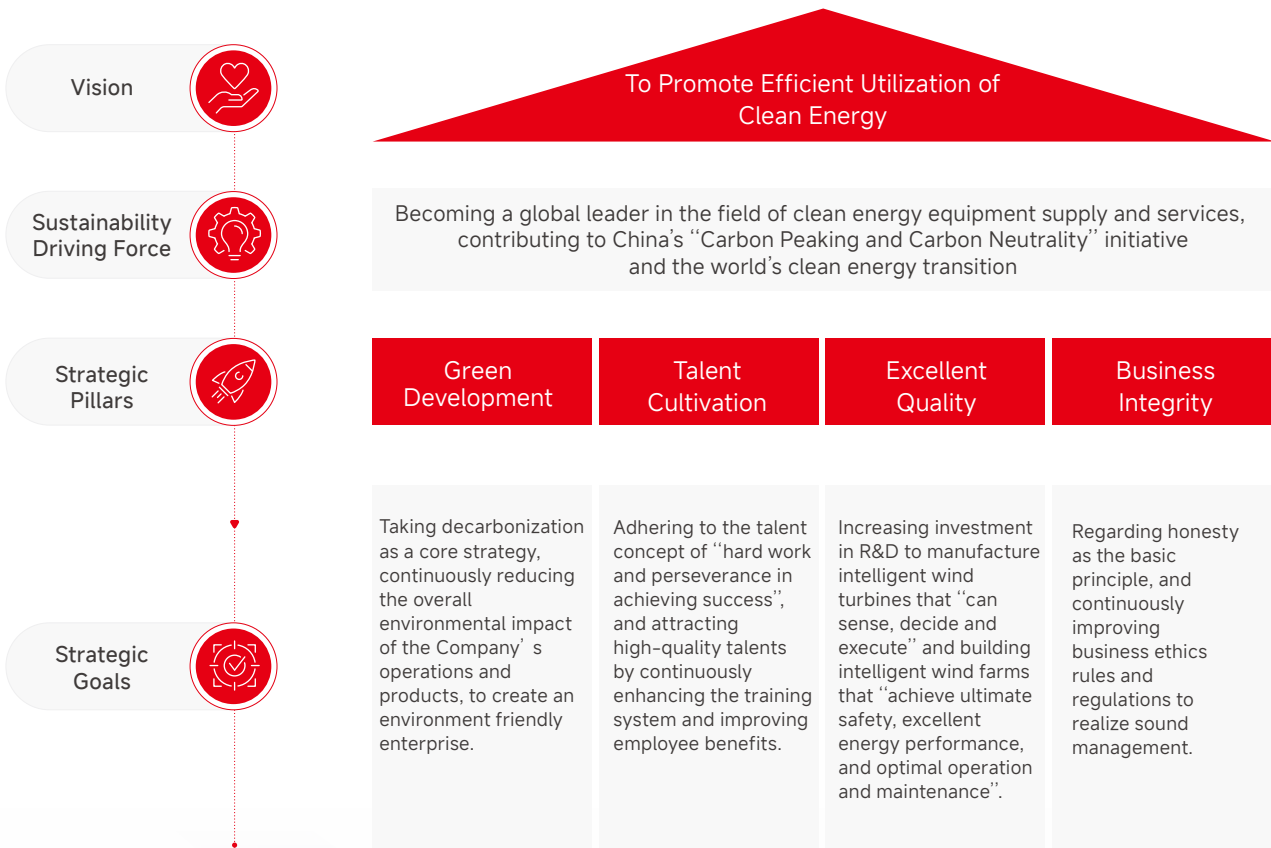
New Occupational Disease Cases

0



Sustainability Strategies and Goals

Guided by the vision of “To Promote Efficient Utilization of Clean Energy,”SANY Renewable Energy is resolutely advancing toward becoming a global leader in clean energy equipment supply and services. By establishing a sustainability strategy framework centered on four strategic pillars, i.e., green development, talent cultivation, excellent quality and business integrity, the Company drives sustainable commercial practices and organizational transformation, creating value for all stakeholders.



Excellent Quality



Sustainability Management Goals

- 1.Advance research on offshore wind turbines and onshore large megawatt technologies, and promote the adoption and scaling of clean energy
- Achieve 100% signing rate for the Supplier Code of Conduct

2024 Highlights

R&D Investment	RMB 777 Million
Number of R&D Personnel	752
Percentage of Suppliers Signing the Supplier Code of Conduct	98.8%

Material Issues

R&D and innovation,Sustainable supply chain
Safety and quality of products and services

Business Integrity



Sustainability Management Goals

- Conduct business ethics training with a 100% coverage rate
- Ensure a 100% signing rate for the Business Ethics Commitment Letter among employees
- Foster an atmosphere of integrity in business operations, and strengthen mechanisms for supervision, inspection and restraint

2024 Highlights

Percentage of Employees Trained in Business Ethics	100%
Percentage of Premises Internally Audited/Assessed for Business Ethics Issues and Risks	100%

Material Issues

Business ethics,Sustainable governance
Compliance and risk management,
Data security and privacy protection



01

Sustainability Approach

Sustainability Management

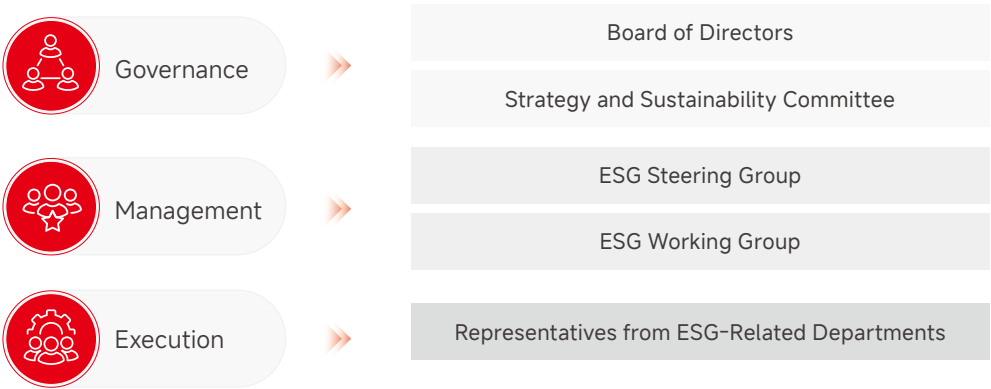
Sustainability governance, Stakeholder engagement, Materiality assessment, Sustainable cooperation and engagement, Ratings and awards

United Nations Sustainable Development Goals (SDGs)



Sustainability Governance Structure

The Company has established a three-tier ESG governance structure, covering the governance, management, and execution levels, with clearly defined responsibilities for sustainability governance. This structure systematically advances the Company’ s ESG initiatives and ensures the compliance and operational efficiency of the sustainability management system.



SANY Renewable Energy’ s Sustainability Governance Structure

Governance

The Board of Directors is the highest responsible body for sustainability at SANY Renewable Energy. To strengthen the Board’ s management of ESG matters, the Company has established the Strategy and Sustainability Committee (Former Strategy and Development Committee) under the Board. The Committee assists the Board in researching and providing recommendations on long-term strategic planning, major strategic investments, sustainability plans, and ESG initiatives. The responsibilities of the ESG Committee cover ESG-related strategy, objectives, performance, reporting, and other ESG-related duties assigned by the Board. For details, please refer to the [Rules of Procedure for the Strategy and Sustainability Committee](#). By the end of the Reporting Period, the Committee comprised three members: the Chairman Mr. Zhou Fugui (Chair), Mr. Xiang Wenbo (Executive Director), and Mr. Yang Min (Independent Director).

The Strategy and Sustainability Committee is required to hold at least one meeting annually. Detailed meeting records can be found in the Company’ s 2024 Annual Report. The Committee reviewed and approved the ESG report of 2024, received updates and plans from management on ESG progress during the Reporting Period, and discussed ESG trends and developments within the Company and the industry. The ESG Steering Group and ESG Working Group also reported to the Strategy and Sustainability Committee periodically on major ESG decisions, based on the latest sustainability trends in markets and regulations, as well as updates to the Company’s business strategies.

Management

To assist the Strategy and Sustainability Committee in guiding and overseeing the Company’s ESG efforts and implementing ESG strategies and goals, the Company has established an ESG Steering Group and an ESG Working Group at the management level. The ESG Steering Group is composed of management personnel who are involved in key ESG management functions. The group is responsible for developing ESG strategies and goals, reviewing ESG plans and major ESG projects, and promoting cross-functional ESG collaboration. The ESG Working Group is responsible for formulating ESG implementation plans, driving the implementation of strategies and gathering information from ESG-related departments on a regular basis. The working group is also responsible for monitoring the implementation of the plans to advance the goals, and regularly reporting the work progress to the ESG Steering Group.

Execution

The execution level, comprising representatives from various functional departments involved in the Company’s ESG matters, is responsible for implementing and advancing ESG initiatives. This includes identifying ESG risks and opportunities in daily operations, formulating business-specific ESG objectives and work plans, and regularly reporting progress to the ESG Steering Group and ESG Working Group.

Stakeholder Engagement

SANY Renewable Energy prioritizes stakeholder concerns and regularly engages with all relevant parties through various channels. This enables us to better understand the expectations and suggestions from various sectors regarding the Company’ s sustainability. On this basis, we actively address stakeholder concerns and feedback through concrete actions, thereby advancing the continuous improvement of our ESG management.

Stakeholders	Expectations and Requirements	Communication Channels
 Customers and Business Partners	<ul style="list-style-type: none">Integrity and complianceProduct and service qualityProduct innovationSustainable operation	<ul style="list-style-type: none">Contract performanceCustomer feedback mechanismMarket researchDaily liaisonExecutives meeting
 Shareholders and Investors	<ul style="list-style-type: none">Corporate performanceInvestment returnRisk control and compliance governanceAuthenticity, accuracy, timeliness and completeness of information disclosureSustainable operation	<ul style="list-style-type: none">Annual and other periodic reportsInvestor relations websiteShareholders’ meetingBoard meetingInformation disclosureVisitor reception
 Government and Regulators	<ul style="list-style-type: none">Compliant operationsTax complianceEmployment promotionContributing to local economic developmentImplementing national initiative of carbon peaking and carbon neutrality	<ul style="list-style-type: none">Response to national policiesSpecial conferenceCommunication and reportingSurveys and interviewsInspection and evaluation
 Employees	<ul style="list-style-type: none">Employees’ rights and interestsOccupational health and safetyCareer development planRemuneration and benefits	<ul style="list-style-type: none">Employee meeting, daily communicationComplaint mechanismEmployee trainingEmployee satisfaction survey
 Suppliers	<ul style="list-style-type: none">Mutual benefits and integrity in contractual performanceLong-term cooperationSupplier assistance and empowermentBuilding green supply chains	<ul style="list-style-type: none">Contract performanceInformation announcementSupplier assessment and auditSupplier communication and training
 Communities and Non-Governmental Organizations	<ul style="list-style-type: none">Ecological environment protectionPromoting economic development and employmentCharity events and donations	<ul style="list-style-type: none">Organizing charity eventsVoluntary services and community visitsOpen DayPublic media coverage

Materiality Assessment

Accurately identifying, evaluating, and proactively responding to key sustainability issues contributes to enhancing the Company’s sustainability performance. We conduct annual reviews and evaluations of the mechanisms, procedures, and outcomes of materiality assessments. During the Reporting Period, in accordance with the Guidelines No. 14 of Shanghai Stock Exchange for Self-Regulation of Listed Companies – Sustainability Report (Trial) (hereinafter referred to as the “Guidelines”), we initiated our first double materiality assessment for sustainability-related issues. Applying the “double materiality” principle, we extended beyond traditional impact materiality assessments to analyze the financial materiality of each issue. This included evaluating the sustainability of resource usage and dependencies on ongoing operations, while integrating perspectives from investors, management and other stakeholders. Through this process, 20 highly material issues were identified and mapped into a double materiality matrix. We have integrated materiality assessments into our comprehensive risk management processes. Leveraging our risk management and internal control systems, we rigorously address associated risks while actively capitalizing on opportunities to drive long-term growth.



Identification

By integrating ESG management trends, industry best practices, capital market priorities, and regulatory requirements, and referring to the Company’s strategic plans, operational realities, and stakeholder engagement outcomes, we identified 20 sustainability-related issues with high relevance to the Company, along with their impacts, risks, and opportunities. Among the 21 categories of issues outlined in the Guidelines, 20 were incorporated into the Company’s materiality scope. Beyond the Guidelines framework, we additionally identified “compliance and risk management” as a material issue. For detailed alignment, refer to the Index for Indicators section in This Report.



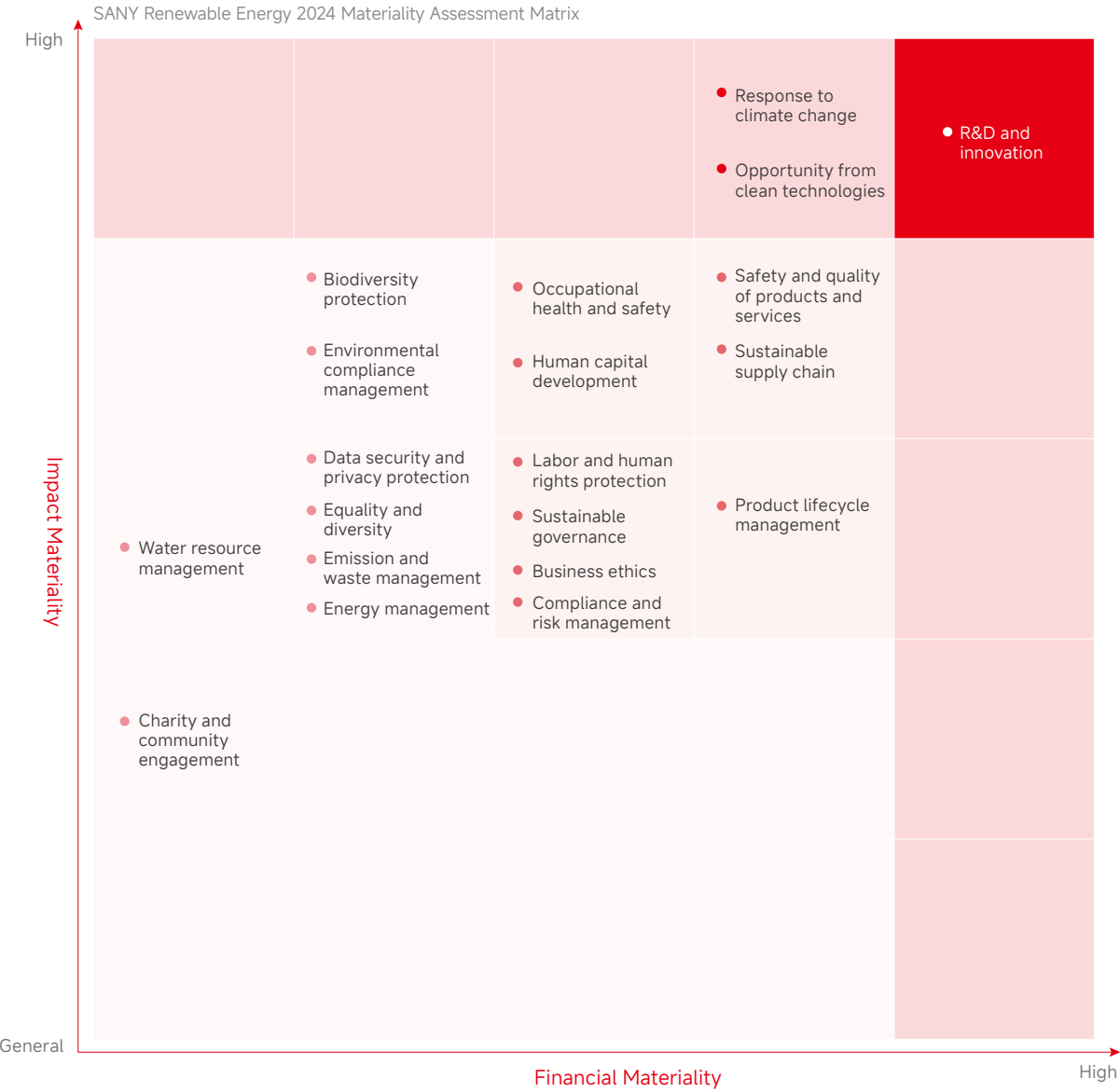
Assessment

Separate assessment questionnaires for “financial materiality” and “impact materiality” were designed. Internal and external stakeholders were invited to participate in surveys and interviews to evaluate the materiality of each issue. Based on the findings, a double materiality matrix has been developed for the Company’s ESG priorities.








Review and Confirmation

The ranking of material issues and the double materiality matrix, following management discussions and validation, were submitted to the Board of Directors for final approval.





Based on the results of the materiality assessment, the Company has identified three highly material issues, nine moderately material issues, and eight generally material issues. Among the highly material topics, “R&D and Innovation” is considered the topic of double materiality, reflecting both high impact materiality and high financial materiality. “Response to Climate Change” and “Opportunities from Clean Technology” are recognized as topics of impact materiality. In this Report, we disclose or explain each topic with reference to leading international sustainability disclosure standards and the Company’s actual circumstances. For topics ranked higher in terms of impact materiality and/or financial materiality, we have provided a comprehensive overview of their impacts, risks and opportunities, scope and timeframe, as well as a summary of the management approach. Please refer to the table below for detailed information.

 Material Issues	 Impact, Risk and Opportunity	 Description	 Value Chain	 Timeframe
R&D and Innovation	Positive actual impact	Driven by technological R&D, the Company leverages its leading R&D capabilities and technical expertise to create value for customers and provide the market with clean technology solutions, supporting the clean energy transition across society.	• Operation • Downstream Value Chain	Short-term Mid-term Long-term
	Risk	Failure to formulate an effective R&D strategy or maintain technological leadership may weaken the competitiveness of the Company’ s products, lead to a continuous loss of market share, and reduce revenue.	• Operation	Mid-term Long-term
	Opportunity	Leveraging its technological advantages, the Company offers wind turbine products characterized by high reliability, high power generation efficiency, and low levelized cost of electricity, thereby continuously enhancing competitiveness, consolidating and expanding market share, and driving revenue growth.	• Operation • Downstream Value Chain	Mid-term Long-term
Response to Climate Change	Positive actual impact	Through technological innovation and product optimization, the Company improves the efficiency and reliability of wind turbines, increases the adoption of wind power, and supports the global clean energy transition. It also promotes intelligent operation and maintenance and green manufacturing to enhance energy efficiency and contribute to global carbon neutrality goals.	• Upstream Value Chain • Operation • Downstream Value Chain	Short-term Mid-term Long-term
	Negative actual impact	Although wind energy contributes to emission reduction, the procurement, manufacturing, transportation, and installation of wind turbines still consume energy and generate a carbon footprint.	• Upstream Value Chain • Operation	Short-term Mid-term
	Risk	Climate change is increasing the frequency of extreme weather events such as heavy rainfall, hail, strong winds, and thunderstorms. Long-term shifts in climate patterns may raise the operation and maintenance costs of wind farms, while short-term extreme weather may damage fixed assets, disrupt operations, increase operating costs, and reduce revenue.	• Operation	Short-term Mid-term Long-term
	Opportunity	The Company continues to invest in R&D and innovation in renewable energy, aligning with the global green energy transition trend. By continuously providing customers with wind energy and other renewable energy products and services, the Company enhances its revenue.	• Operation • Downstream Value Chain	Short-term Mid-term Long-term
Opportunity from Clean Technologies	Positive actual impact	The 28th United Nations Climate Change Conference (COP28) called on countries to triple global renewable energy capacity by 2030 and double the global average annual rate of energy efficiency improvement. With the rollout of a series of national and local policies supporting the wind power industry, SANY Renewable Energy is well-positioned to seize clean technology opportunities and contribute greater value and innovation toward China’ s “carbon peaking and carbon neutrality” goals and the global clean energy transition.	• Upstream Value Chain • Operation • Downstream Value Chain	Short-term Mid-term Long-term
	Opportunity	Engaging in clean technology R&D and application helps reduce the Company’ s operating costs, expand market opportunities and share, build a strong brand image, and increase revenue.	• Operation • Downstream Value Chain	Short-term Mid-term Long-term
Safety and Quality of Products and Services	Positive actual impact	High-quality and safe wind turbine equipment directly impacts customers’ operational efficiency and economic performance. Ensuring the safety and quality of wind turbine products and services is essential to promoting clean energy adoption and maintaining public trust.	• Downstream Value Chain	Short-term Mid-term Long-term
	Risk	Product quality and safety incidents may lead to regulatory penalties, order reductions or cancellations, customer complaints, and compensation claims, resulting in increased operating costs, damage to brand reputation, shrinking market share, and reduced revenue.	• Operation • Downstream Value Chain	Short-term Mid-term Long-term
	Opportunity	Strong product quality management reduces failure rates, lowers maintenance costs, and improves operational efficiency, thereby enhancing market competitiveness and customer trust, and boosting the Company’ s revenue.	• Downstream Value Chain	Short-term Mid-term Long-term
Sustainable supply chain	Positive actual impact	The Company strengthens supply chain risk management, assists suppliers in improving ESG performance, avoids sourcing conflict minerals, and promotes sustainable supply chain development. It also actively enhances supplier diversity and ensures fair treatment of SMEs in the supply chain to amplify sustainable impact.	• Upstream Value Chain • Operation	Mid-term Long-term
	Risk	Inadequate ESG risk management in the supply chain may lead to environmental or social incidents and supply disruptions, which could damage the Company’ s reputation, affect business continuity, and reduce revenue.	• Upstream Value Chain • Operation • Downstream Value Chain	Short-term Mid-term Long-term
	Opportunity	Building a sustainable supply chain enhances supply stability and security, mitigates ESG risks, supports supply chain transformation and upgrading, ensures business continuity, strengthens market position, and increases the Company’ s revenue.	• Upstream Value Chain • Operation • Downstream Value Chain	Mid-term Long-term
Product lifecycle management	Positive actual impact	By practicing circular economy principles and actively managing environmental impacts across the product lifecycle, the Company improves resource efficiency and reduces resource consumption and waste generation.	• Operation • Downstream Value Chain	Short-term Mid-term Long-term
	Negative actual impact	During the lifecycle of its products, the Company may face environmental challenges at the manufacturing and decommissioning stages of wind power equipment, such as the negative ecological impacts of raw material extraction and waste disposal.	• Upstream Value Chain • Operation • Downstream Value Chain	Short-term Mid-term Long-term
	Opportunity	Through the use of low-carbon and green materials, optimization of production processes, and adoption of renewable energy, the Company enhances its environmental performance, meets customer demand for environmentally friendly and sustainable products, and improves market competitiveness and brand image.	• Upstream Value Chain • Operation • Downstream Value Chain	Short-term Mid-term Long-term

Sustainability Cooperation and Engagement

SANY Renewable Energy actively responds to global sustainability initiatives. The Company voluntarily engages in the industry ecosystem, and collaborates with partners in advocating sustainability principles and sharing innovative practices. With its global vision and steadfast sustainability commitments, the Company works with worldwide stakeholders to embrace a greener and sustainable future.

Membership in Associations and Initiatives

	United Nations Global Compact (UNGC)	In December 2023, the Company joined the UNGC, committing to supporting UNGC’s ten principles relating to human rights, labor, environment and anti-corruption. We strive to continuously integrate sustainability into our business strategies and operations, create ESG value with our partners, and advance the UN SDGs.
	China ESG Alliance	In July 2024, the Company became an official member of China ESG Alliance, demonstrating its commitments to sustainable practices and the development of wind power industry. As a member, SANY Renewable Energy will share its best practices, accelerate low-carbon technology innovation and catalyze green transition across supply chains.

Industrial Exchanges and Cooperation

ESG Seminar at WindEnergy Hamburg

In September 2024, SANY Renewable Energy hosted an ESG-focused seminar at WindEnergy Hamburg. Representatives from the Global Wind Energy Council and other industry associations gathered at the seminar to delve into the latest landscape, challenges, and trends in sustainability of the industry. At the seminar, Paulo Fernando Soares, Managing Director of SANY Renewable Energy Europe, highlighted the Company’s dedication to sustainability, and emphasized the pivotal role of technological innovation, community responsibilities and transparent governance in advancing sustainability efforts.

At the seminar, the Company released the SANY Renewable Energy 2024 Climate Action White Paper, which outlines crucial strategies for climate change adaptation and mitigation. The Company pledged to implement the Science Based Targets initiative (SBTi) to drive the progress in reducing GHG emissions. These initiatives aim to inspire collaboration across the industry in advancing the global energy transition toward a greener and sustainable future.



ESG Communications with Investors

Upon visit by delegates from the Listed Companies Association of Beijing and its member organizations in November 2024, SANY Renewable Energy conducted exchange activities centered on “ESG and Sustainability”. These activities were held in the form of “site visit and roundtable discussion”. Delegates visited SANY Renewable Energy’s Shaoshan Blade Factory to gain an in-depth insight into the Company’s green manufacturing and smart manufacturing practices. The Company shared its business growth, core operations, and ESG advancements to the delegates. And the Company highlighted that, by leveraging technological innovation and management optimization, it achieved higher resource efficiency and elevated approach to environmental protection, alongside stronger governance and social impact. These activities underscored SANY Renewable Energy’s industry leadership in sustainability practices, and provided valuable practical insights for industry peers to collectively advance low-carbon development.



Ratings and Awards

Through systematic and efficient sustainability management, SANY Renewable Energy has achieved marked improvements in environmental, social and governance performance. During the Reporting Period, the Company achieved substantial improvements across key ESG ratings.

Sustainability Ratings

Category	2024 Ratings
EcoVadis	Silver
CDP Climate Change Questionnaire	B
S&P Global Corporate Sustainability Assessment (CSA)	49 <small>Listed in the S&P Global Sustainability Yearbook (China Edition) 2025</small>
China Securities Index ESG Ratings	AA
Sino-Securities Index ESG Ratings	A

Sustainability Awards



02

Green Development

SANY Renewable Energy adheres to green development as the cornerstone of its operations. Determined to become a global leader in clean energy equipment supply and services, we embrace green development principles, and fulfill corporate environmental responsibilities. We strive to promote efficient utilization of clean energy, and press ahead with the green energy transition.

Sustainability Issues

Environmental compliance management, Response to climate change, Energy management, Water resource management, Emission and waste management, Biodiversity protection, Opportunity from clean technologies, Product lifecycle management

United Nations Sustainable Development Goals (SDGs)



Environmental Management

SANY Renewable Energy prioritizes ecological preservation through green and low-carbon operations. The Company proactively manages its environmental impact of operational activities, contributing directly to nature conservation and sustainability.

Environmental Compliance

SANY Renewable Energy strictly abides by the Environmental Protection Law of the People’s Republic of China, the Law of the People’s Republic of China on Environmental Impact Assessment, the Law of the People’s Republic of China on Promotion of Cleaner Production, and other laws and regulations enacted in other jurisdictions. In addition, the Company continuously improves environmental compliance management. The Board of Directors serves as the ultimate responsible body for environmental stewardship. The Company has set up a Work Safety, Occupational Health, Fire Safety, and Environmental Protection Committee (hereinafter referred to as “Safety Committee”), with the General Manager as the Director. The committee makes decisions on and oversees all aspects of environmental management. The Company has also established an HSE Management Department to orchestrate the implementation of environmental management. This structure ensures the efficient and stable operation of the Company’s environmental management system.

The Company continuously refines its environmental management system, and makes progress in its environmental performance. Besides, the Company regularly identifies and assesses environmental factors, and trains staff in their capability of environmental management.



During the Reporting Period, the Company’s **8** manufacturing and operation sites (including SANY Renewable Energy, Sany Tongyu, Sany Chenzhou, Sany Zhangjiakou, Sany Shaoshan and Sany Bayannur) which were put into manufacture and under stable operation for over a year, have **all** obtained the ISO 14001 Environmental Management System certification.

Our Environmental Policy defines the targets and methods for the management of environmental issues, including climate change, energy and water resource management, waste management, and product lifecycle management. This policy supports functional departments to minimize environmental impacts of operational activities. During the Reporting Period, the Company did not suffer from any material punishments or fines due to environmental violations.

System Review

During the Reporting Period, the Company upgraded its environmental management review system to ensure the compliance with relevant standards and regulations and maintain operational efficiency. In April 2024, certified internal auditors performed a company-wide internal review on environmental management system in accordance with ISO 14001 environmental management system. The review was performed on 14 business units, including the Manufacturing Department and the HSE Management Department, covering the design, development, manufacturing, sales and service of wind turbines and components. Focuses were placed on key links including pollution source control, hazardous chemical management, wastewater and exhaust gas emissions control, and contingency plan for environmental emergencies. Review results indicated that the Company’s efficient operations boosted the achievement of environmental protection targets and expected indexes under a sound environmental management system.

Response to Climate Change

Climate change stands as one of the most pressing environmental challenges confronting the world today. As a provider of complete sets of wind power solutions and renewable energy, SANY Renewable Energy recognizes that climate action not merely as a response to global climate change, but as an opportunity for sustainable growth.

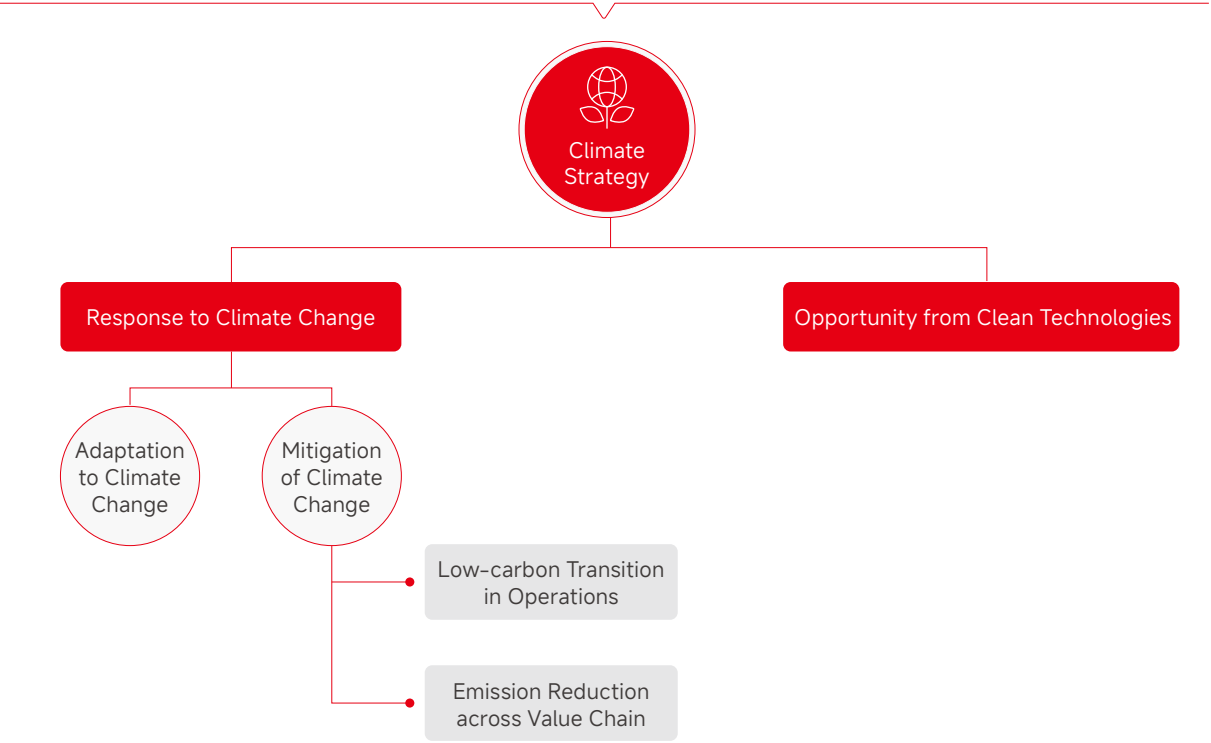


During the Reporting Period, the Company released its SANY Renewable Energy 2024 Climate Action White Paper, reaffirming its unwavering commitment to sustainability and green energy solutions. Through intensified climate actions, the Company will lead by example to accelerate green transition, and forge ahead into a green future with industry peers.

Governance

Climate change response lies at the center of the Company’s sustainability agenda. Based on a robust governance framework for sustainability, the Company advances climate actions that align with the long-term target “to limit the temperature increase to 1.5°C above pre-industrial levels” proposed in the Paris Agreement.

As the body ultimately responsible for climate action, the Board of Directors is in charge of annual review and oversight of decarbonization targets and risk management. An ESG Steering Group composed of senior management has been established under the guidance of the Board of Directors, the supreme decision-making authority for sustainability. This group is responsible for overseeing sustainability initiatives, including climate actions, and ensures that the climate-related matters are integrated into the Company’s strategic plan, operational management and business processes.



Strategy

The profound impacts of climate change on contemporary and future human survival and development have become increasingly evident. We recognize that climate-related risks and opportunities will exert short-, medium-, and long-term impact on business operations and financial performance. As a provider of complete sets of wind power solutions and renewable energy, we insist on taking active actions to address climate challenges.



Response to
Climate Change

- We respond to intensifying climate physical risks through smart wind turbines with enhanced resilience to extreme environments and intelligent O&M mode equipped with advanced weather warning function.
- We have recognized the critical importance of controlling and reducing GHG emissions from purchased electricity and fossil fuel combustion in mitigating the Company's climate impacts during operations. Accordingly, we have established three decarbonization pathways: digitization and intelligentization to reduce operational energy consumption, electrification to replace and reduce the consumption of fossil fuels, and using self-generated renewable energy instead of purchased electricity.
- The Company reduces GHG emissions across its upstream and downstream value chains through targeted measures. These measures include enhancing green supply chain management practices, raising suppliers' awareness regarding carbon reduction efforts and collaboration opportunities, and promoting recycling as well as exploring resource recovery during product end-of-life disposal processes. These actions drive collaborative emission reduction efforts throughout upstream and downstream enterprises.



Opportunity from
Clean Technologies

- With technological advancements and lower costs, wind power is emerging as a pivotal force in reshaping global energy structure. SANY Renewable Energy seizes the opportunity to drive the innovation in wind power technology and industrial upgrading, contributing to the global transition toward green and low-carbon energy.
- The Company focuses on R&D and deployment of high-capacity and ultra-reliable wind turbines to enhance its efficiency and intelligent capabilities, leading the development of the industry by leveraging technological expertise. As at December 31, 2024, wind turbines provided by the Company have cumulatively generated 135.8 billion KWh of electricity, equivalent to reducing CO2 emissions by 77.45million tonnes.

Impact, Risk and Opportunity Management

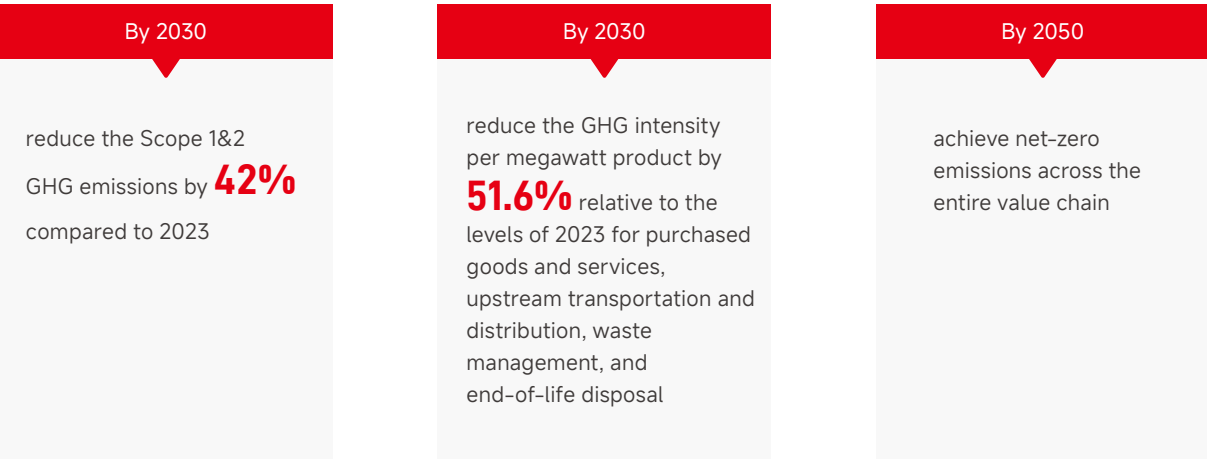
We integrate climate-related risks into our comprehensive risk management processes. Guided by the Risk Management Policy, annual impact assessment and management on climate risks and opportunities are arranged by the CEO Office. The Audit Department and other internal control personnel of the Company assume responsibilities for specific supervision and inspection. And the three lines of defense for climate risk management are built by the joint efforts of various departments. The Board of Directors oversees management's design, implementation and review of the climate risk and opportunity management and internal monitoring system. Management provides a confirmation to the Board of Directors on the effectiveness of climate risk and opportunity management.

Metrics and Targets

For the fourth consecutive year, the Company has conducted a GHG inventory of the entire value chain, in which GHG emissions across operations and upstream/downstream value chains were accurately identified, and main emission resources were deeply analyzed. Based on inventory results, the Company established science-based reduction targets and charted a granular decarbonization roadmap, driving the low-carbon transition across the entire value chain toward achieving SDGs.

Climate Action Goals

To showcase the ambition and commitment to establishing science-based carbon objectives and striving for net-zero emissions across the entire value chain by 2050, SANY Renewable Energy officially submitted the Corporate Commitment Letter Supporting the Goal of Limiting Temperature Rise to 1.5°C to SBTi in July 2024. Under the guidance provided by SBTi, the Company has formulated precise decarbonization objectives:



Energy Consumption Performance ¹	Unit	2024
Scope 1 GHG emissions	tCO2e	12,703
Scope 2 GHG emissions - Market-Based	tCO2e	115,651
Scope 2 GHG emissions - Location-Based	tCO2e	120,240

*For more information on the Company's response to climate change, please refer to the Annual Climate Action White Paper.

1. All greenhouse gas emissions and energy consumption data of the Company shall be based on the figures disclosed in the Annual Climate Action White Paper.

Green Operation

Energy Management System

Making every effort to advance energy management, SANY Renewable Energy aims to speed up low-carbon transition across operations through high energy utilization and optimal energy structure. Under our energy management system, we have developed the Energy Management Policy and established an energy management steering group for decision-making. A multi-level governance structure, led by department and workshop managers at all levels, facilitates the effective execution of energy initiatives. By the end of the Reporting Period, SANY Renewable Energy passed the annual review of ISO 50001 quality management system. In addition, Sany Tongyu, Sany Zhangjiakou, Sany Tacheng and Sany Bayannur have passed the initial review of ISO 50001 quality management system and obtained the certification.

Energy Consumption Performance	Unit	2024
Comprehensive energy consumption	MWh	244,652.47
Total direct energy consumption	MWh	65,881.83
Total indirect energy consumption	MWh	178,770.64

The Company updates its energy mix and enhances efficiency by building up photovoltaic facilities, using green electricity, purchasing green electricity certificates, and retrofitting energy-saving equipment.

Proportion of Renewable Energy used by SANY Renewable Energy ²

9.73%

Green electricity consumed

7,069.48 MWh

Proportion of green electricity in the Nankou Industrial Park

100%

Green electricity certificates purchased

4,967 MWh

Green electricity certificates purchased: 4,967 MWh



Green Electricity Certificate Transaction Vouchers (Selected)

Green electricity consumed: 7,069.48 MWh



Green Electricity Consumption Certificate (Selected)


2. The renewable energy used by Sany Renewable Energy includes the electricity generated from on-site solar and wind power, and purchased green electricity.


Energy Management Initiatives	
Sany Shaoshan	The micro-grid photovoltaic system has an installed capacity of 6.6 MW and operates under a "self-consumption with surplus electricity fed into the grid" model, generating 4,677.48 MWh of electricity annually.
Nankou Industrial Park	The rooftop photovoltaic systems built within the park generated 2,460.39 MWh of electricity over the year. The remaining electricity demand was met through the purchase of green power, achieving 100% green electricity usage.
Sany Chenzhou	100% of electricity consumption was supplied by self-generated photovoltaic power, with an annual output of 4,929.45 MWh.
Sany Zhangjiakou	The park controls the runtime of production electrical equipment using four meters, and increases off-peak electricity consumption for load shifting, saving 1,290 MWh of electricity.

Management of Water Resource and Wastewater

Despite the weak dependence of the manufacture and operations on water resources, SANY Renewable Energy emphasizes the conservation of water resources and the control of wastewater discharges. Pursuant to our Environmental Policy, we take various measures to improve water resources management and reduce water waste. These measures include monthly inspection of water facilities and analysis of water consumption, activities to raise employees' awareness of saving water, efficient irrigation, and rainwater collection ponds.

The Company' s wastewater originates solely from domestic sewage. To control wastewater discharge, the Company has implemented a comprehensive treatment program, which includes regular inspections of underground pipelines and standardized management of septic tanks. These measures prevent leakage and unauthorized discharge, effectively protecting groundwater and soil environments. The Company built wastewater treatment stations to ensure the compliant disposal of wastewater while reusing reclaimed water. There are approximately 154.4 thousand tonnes of reclaimed water produced this year, saving approximately RMB1,389.6 thousand. In order to test the effect of wastewater disposal, the Company regularly engages third-party testing agencies to monitor wastewater to ensure that the Company's discharge fully complies with applicable legal and regulatory requirements.

Approximately RMB **154.4** thousand tonnes of reclaimed water produced this year

Approximately RMB **1,389.6** thousand in cost savings

Water Resource and Wastewater Management Performance	Unit	2024
Total freshwater withdrawal	tonnes	419,341.34
Total freshwater discharge	tonnes	348,492.02

Exhaust Gas Management

SANY Renewable Energy places high priority on exhaust gas emission management, and carries out meticulous controls across all phases from construction to production. For the construction of manufacturing bases, the Company requires simultaneous designing, construction and initial operation of the air pollution prevention and control facilities and the main part project. For production operations, the Company has established standard operating procedures for exhaust gas treatment facilities and offered training on managing processes where exhaust gas is generated. At emission terminals, exhaust gas treatment facilities of boilers and other devices maintain normal operation through routine maintenance. This guarantees full compliance with emission standards.

Waste Management

The Company conducts waste management in strict compliance with local laws and regulations. We have established the Management Policy for Solid Waste and the Policy on Hazardous Chemicals Management, which specifies targeted control measures of different types of solid waste that may be generated during manufacture and operation, such as domestic garbage, industrial solid waste, hazardous waste and construction waste. These measures effectively reduce resource consumption and environmental impact. Non-hazardous waste is segregated at source. Recyclable materials are recycled or repurposed, and residual non-hazardous waste is regularly disposed of by third-party agencies. For hazardous waste, we designate dedicated storage areas, enforce end-to-end supervision of collection, storage, transportation, and disposal processes, and contract qualified third-party agencies for regular treatment, ensuring full compliance with environmental regulations.

During the Reporting Period, the Company implemented an environmental protection initiative to strengthen the control over hazardous waste and harmful substance, and clarify environmental management requirements. The initiative included training and examination on hazardous waste management, covering compliance across the entire lifecycle from generation and storage to transfer and disposal. A total of 1,112 employees from 8 production bases participated in the training. In addition, we optimized management mechanisms for hazardous waste storage sites and chemical storage facilities. Inspections were conducted on processes involving hazardous chemical usage and waste generation to standardize on-site operating procedures, ensuring effective control over hazardous waste and harmful substance.

Packaging Material Management

SANY Renewable Energy has adopted a green packaging strategy grounded in the principles of reduction, recycling, and resource efficiency. The Company advocates for the use and recycling of eco-friendly packaging materials. Continued efforts are made to explore more sustainable packaging solutions to minimize environmental impacts across all operational stages.

Packaging Material Management Initiatives



Wooden crates

In the production workshop of SANY Renewable Energy, standard packaging crates are recycled for shipping self-manufactured products. This year, 200 wooden crates were handed over to third parties for recycling, saving 3.5 tonnes of timber.



Pallets

For irregularly shaped products, the Company collaborates with suppliers to design and recycle custom logistical tooling. This initiative boosts the reusability of transport pallets and containers.



Packaging films

While reducing the consumption of plastic packaging films, the Company adopts biodegradable and recyclable alternatives for product packaging. This year, 9.6 tonnes of plastic packaging films were handed over to third parties for recycling.

Ecological Conservation

As a renewable energy, wind power plays a vital role in mitigating climate change and curbing global biodiversity loss. Amid the global acceleration toward renewable energy transition, we recognize our responsibility and mission in ecological conservation. We are committed to advancing green energy development while actively safeguarding ecosystems and biodiversity.

SANY Renewable Energy values ecosystem health in its operational areas. In alignment with the Convention on Biological Diversity of the United Nations, the Company has formulated the Biodiversity Conservation Policy and the Management Measures for Biodiversity Conservation, and other management policies. The Company integrates biodiversity conservation into its corporate governance framework, and commits to sparing no efforts to minimize ecological impacts.

Spatial planning is the most critical phase during wind farm construction that is most likely to affect biodiversity. The Company rigorously assesses project sites to avoid habitat disruption and threats to endangered species, thereby minimizing operational impacts on avian populations and other species. Across the entire lifecycle of wind turbines from site selection and construction to operation and maintenance, we implement a package of ecological conservation measures and continue our work on sustainability.

Ecological Conservation Initiatives



Site Selection



Construction



Operation



Maintenance

- Take ecological conservation into consideration, and keep away from areas such as ecological red lines, eco-fragile region, drinking water region, basic rangeland, basic farmland, Class I public welfare forests, nature reserves, scenic landscapes and bird migration routes, when selecting project sites
- Prior to implementation, all projects shall pass the environmental impact evaluation, obtain the approval for soil and water conservation scheme, and complete special demonstration reports on birds and forests for projects in need.
- Restore the disturbed land by selecting plant varieties according to the principle of “matching site with trees”
- For earth slopes, restore them by planting shrubs and grass
- For high and steep rock slopes, utilize the hanging net and spraying technology to improve surface soil adhesion and conditions, and increase the survival rate and coverage of vegetation
- Through product optimization, turbine noise is strictly controlled below 110 dB(A) to minimize acoustic impacts on life living in operation sites.
- Smart bird repellers that do not harm birds are developed for wind farms to ensure both uninterrupted turbine operations and safety of birds.
- Upon completion of the project, take measures such as soil restoration, greening and drainage improvement to strengthen ecological construction, so as to mitigate the impact of construction activities on the environment

We recognize that increased rotor diameters elevate collision risks between turbine blades and avian species. To mitigate the risk, SANY Renewable Energy has developed a smart bird repeller integrating laser-based repellent and high-decibel acoustic alerts based on birds’ highly sensitivity to green spectrum wavelengths. This device protects bird populations and prevents their natural behaviors (e.g., foraging and migration) from being disrupted by wind farm operations. Ultimately, this approach achieves a harmonious balance between wind power development and ecological conservation.



Smart Bird Repeller

Environmental Management Throughout Product Lifecycle

SANY Renewable Energy is committed to developing eco-friendly wind turbines. We have formulated the Environmental Policy, which defines the objectives and measures of environmental management throughout product lifecycle. We have also included the reduction of environmental impacts during the use and end-of-life of products as part of corporate management. As a result, we have established a system to manage the environmental impact throughout product lifecycle from design and development, manufacture, construction and operation to decommissioning and scrapping. We develop and promote eco-friendly wind turbines to mitigate the impact on the environment during the use and end-of-life of such products.

Objectives of Environmental Management Throughout Product Lifecycle

- By 2035, we will study the lifecycle of our all mainstream products. On the premise of ensuring product quality, we will progressively increase the proportion of green or low-carbon materials through product structure optimization, material usage reduction, and sustainable material substitution.
- Taking 2020 as the base year, we will increase our recycling rate of mainstream wind turbine materials to **95%** by 2030.

On the basis of ensuring good product quality and performance, we take relevant management measures such as environmental impact evaluation, product service life extension and product design improvement to provide more eco-friendly and sustainable products, so that we can reduce the impact on the environment during the use of products.



At the same time, we keep improving the lifecycle management of our wind turbines, especially the management during the end of life. We minimize the impact of turbine decommissioning on environment with measures such as developing recyclable materials, improving cycling technologies, optimizing design for disassembly and recycling, promoting reuse and remanufacturing and restoring the ecological environment in the operation sites.



03

Talent Cultivation for Business Prosperity

SANY Renewable Energy believes that talents drive an enterprise’s growth. Adhering to the talent concept of “hard work and perseverance in achieving success”we devote ourselves to creating an equal, diverse, inclusive, caring and healthy working environment to help employees archive balance between personal value and career development.

Sustainability Issues

Equality and diversity, Labor and human rights protection, Human capital development, Occupational health and safety

United Nationals Sustainable Development Goals (SDGs)



Labor Rights

SANY Renewable Energy is committed to creating a fair and inclusive working environment of mutual assistance and an equal and diverse talent team. We adhere to the principle of “zero tolerance and zero violation” to fully respect and protect labor rights and interests.

Equal Employment

The Company has formulated the Integrated Recruitment Management Process and the Code of Conduct for Employee in Recruitment Positions to expressly forbid any discrimination in employment and jobs, striving to promote equality and fairness in the workplace. The Company firmly eliminates discrimination relating to gender, age, race, nationality, religion or other social and personal factors, thus providing all candidates with equal rights to work. For the evaluation, selection and promotion of cadres, we adopt fair and objective evaluation criteria, provide employees with fair selection opportunities and prohibit any form of discrimination in accordance with our Policy on Cadre Management. By doing so, we strive to create a fair career promotion channel for employees.

The Company actively employs talents of different genders, ethnicity, nationality, educational background and cultural background. We have established a series of guidance, such as the Guidance on Care for Minorities and Disadvantaged Employees, the Guidance on Protection of Fundamental Rights and Interests and Career Development of Employees with Disabilities, and the Guidance on Protection of Fundamental Rights and Interests and Career Development of Female Employees. We include diversity into our human resource management mechanism to create a working environment of fairness and a corporate culture of diversity. During the Reporting Period, the Company had no whistleblowing or non-compliance incidents involving discrimination.



Case

Promoting the Employment of Local Individuals with Disabilities

In accordance with the Guidance on Protection of Fundamental Rights and Interests and Career Development of Employees with Disabilities, SANY Renewable Energy provides equal employment opportunities for individuals with disabilities, ensuring them to have fair compensation, benefits, training and promotion opportunities. Besides, we also provide them with necessary assistive devices, barrier-free facilities and mental health support. During the Reporting Period, the Company actively recruited employees with disabilities and created a total of 58 jobs for them.

Employment Performance

Total employees (person)		6,330
Male (person)		5,750
Female (person)		580

Labor Rights Protection

The Company strictly complies with local labor-related laws and regulations, such as the Labor Law of the People’ s Republic of China, the Labor Contract Law of the People’ s Republic of China and the Regulations on the Prohibition of Child Labor. We also respect international standards of human rights, like the International Bill of Human Rights, the Declaration on Fundamental Principles and Rights at Work, the Universal Declaration of Human Rights and the Guiding Principles on Business and Human Rights. We have established management regulations to protect employees’ rights and interests, like the Guidance on Human Rights and Labor Management and the Employee Manual. We prohibit any form of forced labor and child labor and resist any harassment, discrimination and abuse in the workplace. We provide training in diversity, labor and human rights to employees, suppliers, contractors and various partners on an annual basis. Through the training, we help our employees understand their rights and interests and our related policies and share our policies of human right management to each stakeholder. During the Reporting Period, the Company did not experience any form of child labor, forced labor, harassment and abuse, or security violence.

The Company has established the employee complaint mechanism and complainant protection mechanism in accordance with the Guidance on Human Rights and Labor Management. When encountering or identifying incidents related to labor rights and interests, employees can follow the complaint procedures and the complaint escalation mechanism to raise their opinions or complaints. The Company ensures that the name of involved person, the details of complaint and even the existence of complaint are kept strictly confidential under the complainant protection mechanism, prohibiting any unfair treatment or retaliation against the complainant. In addition, we conduct a company-wide assessment of human rights and labor management. We also have internal reviews of our human rights and labor management practices, focusing on compliance with prohibition against child labor, forced labor, employment discrimination, and safeguarding the rights and interests of minority groups and disadvantaged groups. During the Reporting Period, no serious violation against laws and regulations was identified in the human rights and labor management assessment, and no whistleblowing or complaint on incidents related to labor rights was received by the Company.

Principles of Protecting Employee Rights and Interests

Prohibiting Forced Labor

We prohibit any form of forced labor in use of violent or illegal means, including intimidation, coercion, threat, abduction and deception. We prohibit the retention of employees’ ID card, passport or work permits as a condition for student employment. We respect choices of employees, who can leave the Company or terminate the contract at any time.

Prohibiting Child Labor

Prior to employment, our employers verify the age of applicants and ensure the compliance with the prohibition against the hiring of minors (under the age of 16) and individuals who have not completed the compulsory education or who are below the minimum employment age. Any employees under the age of 18 are not allowed to perform work that may endanger their safety and health. They shall take physical examinations as required by laws.

Safeguarding Female Employees’ Rights and Interests

We safeguard female employees’ rights and interests by protecting their health, preventing sexual harassment, providing maternity leave, security benefits and parental leave. We also ensure that they will not be dismissed or discriminated against due to pregnancy. We forbid the contract termination or discrimination of female employees during their pregnancy, maternity leave and breastfeeding period.

Resisting Harassment and Abuse

The Company prohibits any brutal and inhumane behaviors, including sexual harassment, abuse, physical punishment, mental or physical oppression or language insult in any form. We ensure that our employees enjoy personal rights such as personal freedom, life and health, and inviolability of personal dignity.

We support the leadership and career development for female employees. Through transparent and equal recruitment, promotion, and performance assessment, we ensure that female and male employees have equal opportunities for development and promotion in the workplace.

By the end of the Reporting Period, the proportion of female employees in the Company is as follows:

Proportion of Female Employees	2024
Percentage of female Senior managers	4.23
Percentage of female employees in the STEM ³ departments	13.94
Percentage of female managers in revenue generating departments	10.47

Remuneration and Benefits

SANY Renewable Energy keeps optimizing the remuneration structure and incentive system to ensure a fair, reasonable and compliant remuneration management. We adhere to equal pay for equal work and provide our employees with highly competitive compensation. The Company regularly monitors and evaluates the remuneration of all departments and positions to ensure that employees’ income can meet their living requirements. We need to make sure the remuneration offered by the Company is reasonable and attractive to talents.

Our remuneration consists of basic salary, performance bonus, allowance and subsidy. In addition, we develop customized remuneration strategies for all employees considering the value created by different positions and different compensation components. The compensation for specific groups of employees includes incremental gross profit sharing of R&D products for R&D employees; share options and restricted share incentive plan for senior managers in key positions, core R&D positions and core operation management positions; equity incentive plans for directors, supervisors, senior management, middle management, key position staff and core business staff; and cash reward based on the business revenue and profits for specific groups.

By the end of the Reporting Period

Our employee stock ownership plan covered **935** employees accumulatively, including **297** newly added employees.

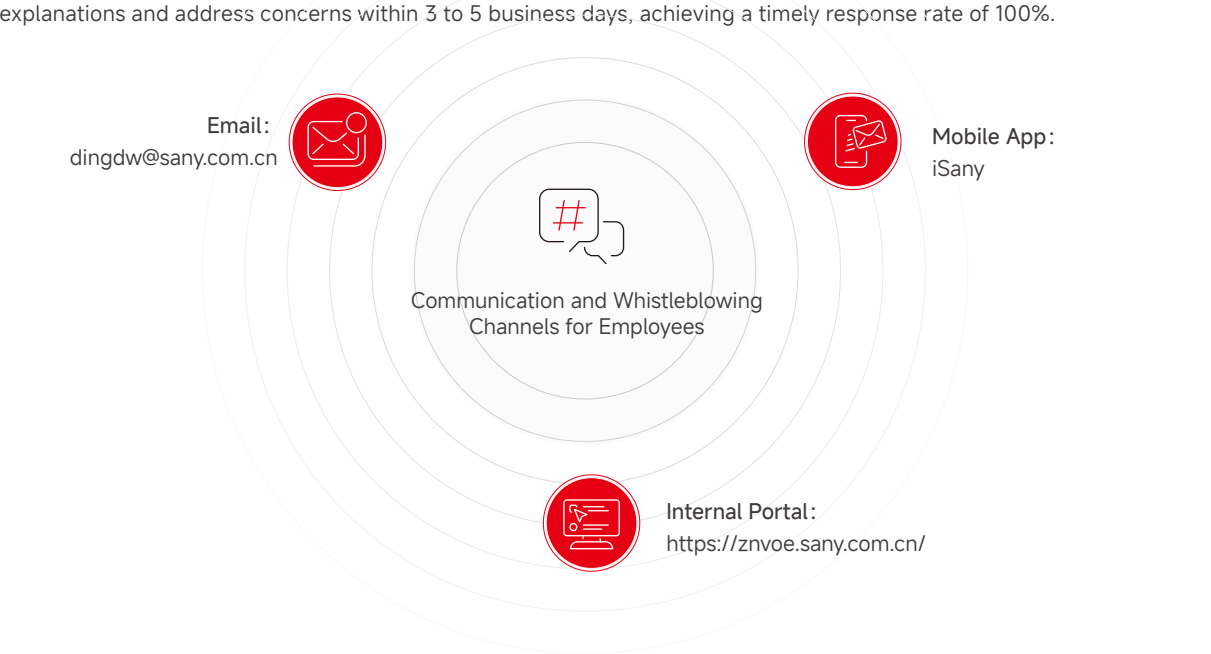
SANY Renewable Energy has formulated the Management Rules for Employee Benefits and provided all employees with statutory holidays, paid leave, parental leave and maternity leave, as well as major social insurances and housing fund. To create a work-life balance for employees, the Company provides all employees with a series of non-salary benefits, including food subsidies, housing subsidies, dormitories, holiday benefits, birthday benefits, free physical examination, home visit benefits, high-temperature subsidies, clothing subsidies, free health diagnosis and benefits for wedding, childbirth and illness care. Through such benefits, we implement our employee-care initiatives to improve their well-being in work and life.

3. STEM refers to Science, Technology, Engineering, Mathematics.

Employee Benefits	
Children Education	The Company has formulated the Procedures for Assisting Employees’ Children with Schooling. We promise to help the children of employees who need assistance with their education during the compulsory education stage from kindergarten enrollment to the completion of junior high school.
Maternal and Infant Care	The Company pays attention to the needs of female employees. During the Reporting Period, we finished the construction of mother-and-baby rooms, and put them into use. The mother-and-baby rooms provide comfortable and convenient space for female employees in need through thoughtful and privacy-oriented design.
Insurance for Illness	During the Reporting Period, the Company’s Labor Union, with the Labor Union at superior levels, bought our female employees insurances under the Mutual Aid Program for Occupational Female Employees with Special Disease. In this way, the Union has fulfilled the commitment to focusing on employees’ need and solving their problems.

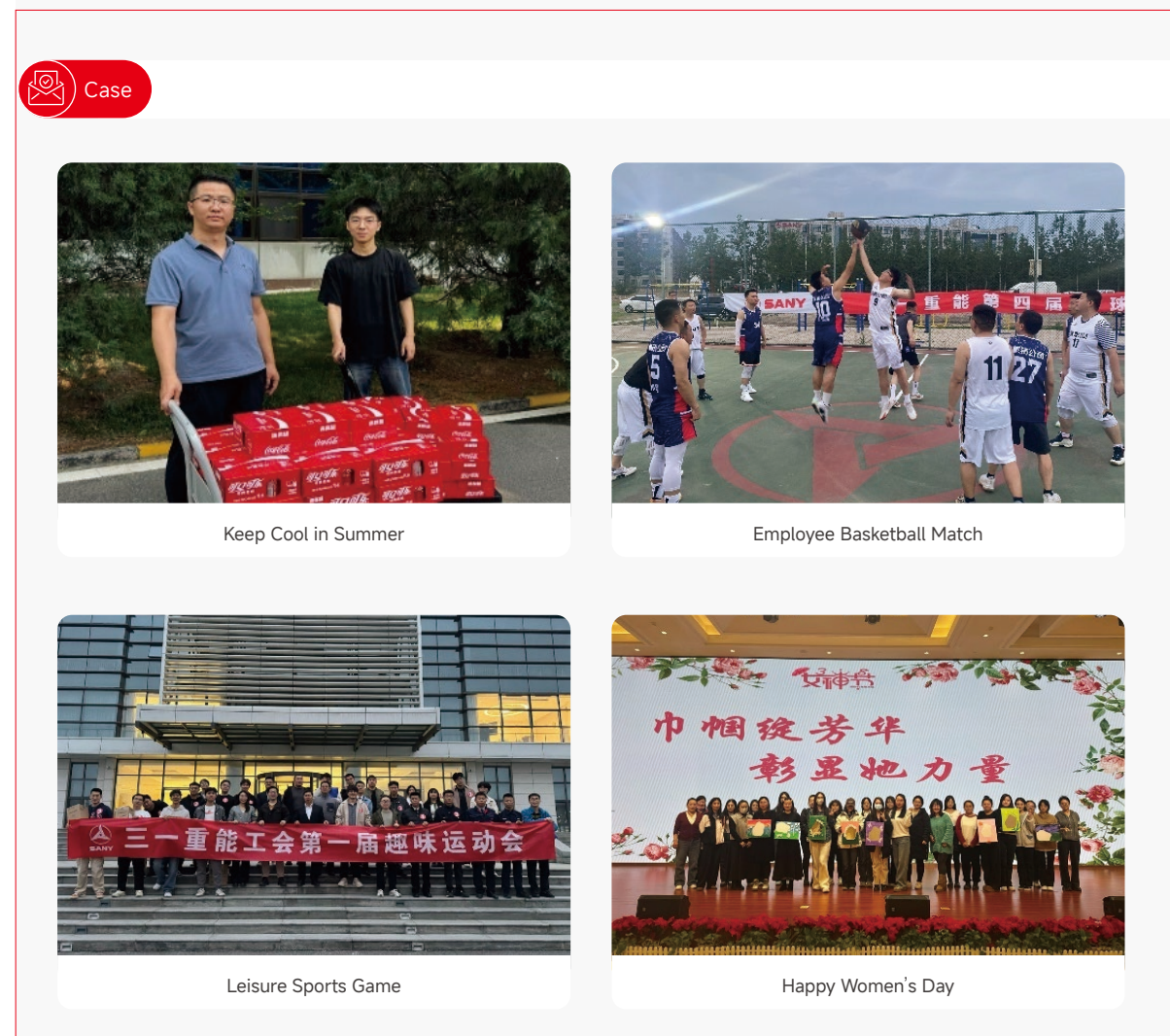
Care for Employees

SANY Renewable Energy actively establishes open and transparent channels for employees to communicate smoothly, and improves the management process for employee feedback and complaints. We have built multiple employee communication channels such as email, Internet platforms, and mobile apps, endeavoring to properly and promptly address problems for domestic and overseas employees at all levels. The Company holds monthly employee meetings to share our business updates with employees, and address their reasonable demands regarding office arrangement, accommodations, cafeteria services, transportation and other services. During the Reporting Period, the Company received a total of 167 complaints and suggestions from employees regarding property management, cafeteria services, fleet management, security management, reception management through SANY Email, Voice of SANY Employee, Employee Meeting, etc. In response, we organized specialized symposiums and assigned dedicated personnel to provide explanations and address concerns within 3 to 5 business days, achieving a timely response rate of 100%.



The Company respects employees' freedom of association and the right of collective bargaining. We have progressively improved the policy for democratic communication and steadily promoted the democratic management mainly in the form of staff councils and Labor Union. The Company has set up the Labor Union, the Labor Union Committee, the Financial Review Committee and the Committee of Female Employees and other organizations. We actively carry out negotiations on important matters concerning the immediate interests of employees and the revision of major policies through the Labor Union. Besides, we promote the signing of collective agreements on occupational health and safety, training and career management, anti-harassment and anti-discrimination and other issues. We have effectively safeguarded the rights and interests of employees through such initiatives. In January 2025, the Company signed four new collective agreements, i.e. the Comprehensive Collective Contract, the Special Protection Contract for Female Employees interests, the Special Collective Wage Contract and the Special Collective Contract for Remuneration of Skilled Talents. All formal employees of the Company signed the collective agreements.

We organize sufficient activities for employees to enrich their life and enhance the bond and attraction. During The Reporting period, SANY Renewable Energy organized a total of 83 activities, such as Keep Cool in Summer, Employee Basketball Match and Leisure Sports Game. These activities reached all our employees.



The Company conducts a survey for work atmosphere and employees' satisfaction every year to track employee satisfaction from various aspects of daily operations, driving management optimization and organizational efficiency. During the Reporting Period, SANY Renewable Energy sent anonymous questionnaires to 6,231 employees across 197 organizations and departments. The valid participation rate was 97.4% and the score was 84.7/100 points, including 73.65% of employees choosing "very dedicated/satisfied".

Employee Development

Focusing on talent attraction, employee training and development, SANY Renewable Energy has built an employee development system. We attract and retain excellent talents with training and smooth development channels, driving the long-term and stable growth of the Company.

Talent Recruitment

The Company strictly complies with international labor standards and the Labor Law of the People's Republic of China. We have established employment management policies like the Integrated Recruitment Management Process and the Code of Conduct for Employee in Recruitment Positions. We carry out social, campus and internal recruitment in compliance with laws and regulations, and recruit talents in a fair and standard manner. The Company actively promotes the school-enterprise cooperation. During the Reporting Period, we finished the construction of employment and internship base for Wuhan University of Technology and received and communicated with teachers and students of Tsinghua University. In doing so, we have expanded our talent reserve.

Employee Training

SANY Renewable Energy has been improving the training management system, providing career-spanning training and coaching for all employees to enhance their professional skills and comprehensive quality. The Company has formulated the Policy on Training Management and proposed the concept of "integrated training", establishing the company-wide training system to drive co-achievement of employee development and our strategic targets. The Company has been optimizing the training system. Focusing on leadership, expertise and skills, we have set up Leadership Academy, Professional Competence Academy and Craftsmanship Academy. In this way, employees in different roles and levels can access various training resources that meet their career demands.

Talent Development System

Leadership Academy	Professional Competence Academy	Craftsmanship Academy
<ul style="list-style-type: none"> Training in senior management leadership Conduct seminars and training for senior management on development strategies of the Company. Lingshan spirits training Conduct training in corporate operation and culture for leaders. Three talent cultivation programs Initiate three talent cultivation programs named "Xunfeng", "Jifeng" and "Changfeng" to train external parties, high-potential talents and fresh graduates. 	<ul style="list-style-type: none"> Training in professional certification Carry out professional training and certification for internal positions. Training in external certification Provide external certification and training and examination support for employees in need. Training for project managers Organize leadership training for managers in R&D and service positions to improve their management competencies. 	<ul style="list-style-type: none"> Skill level certification Hold training in skill certification for front-line technicians. Training for team leader Conduct quality control and management competency training for all team leaders across all production stages. Pre-service training for blade worker Deliver pre-service skill training programs to new employees at blade factory.



Csse

"Changfeng" High-Potential Talent Training Camp

In February 2024, SANY Renewable Energy launched "Changfeng" High-Potential Talent Training Camp in Nankou Park, Beijing. The camp invited internal and external experienced lecturers to teach courses in wind power industry planning, production management and structured thinking and expression. By introducing specific business and analyzing cases with practical simulations, the program equipped participants with critical management skills, injecting new vitality and impetus into the future development of the Company.



Case

Fresh Graduate Training Camp

In July 2024, SANY Renewable Energy launched 2024 Fresh Graduate Adaptation Training Camp in SANYI Polytechnic College. As a welcome to new employees and a new start of their career, the camp helped the trainees improve their professional competencies and better integrate into the Company through training courses, knowledge competition and group activities. The camp propelled fresh graduates at the vanguard of industry expertise through meticulously structured curriculum architecture, which systematically unlock participants' latent potential by bridging rigorous theoretical grounding with precision-driven applied competence development.



We regard talents as a core of the Company and prioritize further education and individual growth of employees. We have formulated and implemented the Management Measures for Sending Outstanding Employees for Further Education, providing extraordinary employees with external training and re-education resources such as EMBA, MBA and university degree.

During the Reporting Period

The Company sent **2** employees to China Europe International Business School, organized **21** employees to attend the Tsinghua Excellence Program and assisted **300** employees in obtaining external certificates.

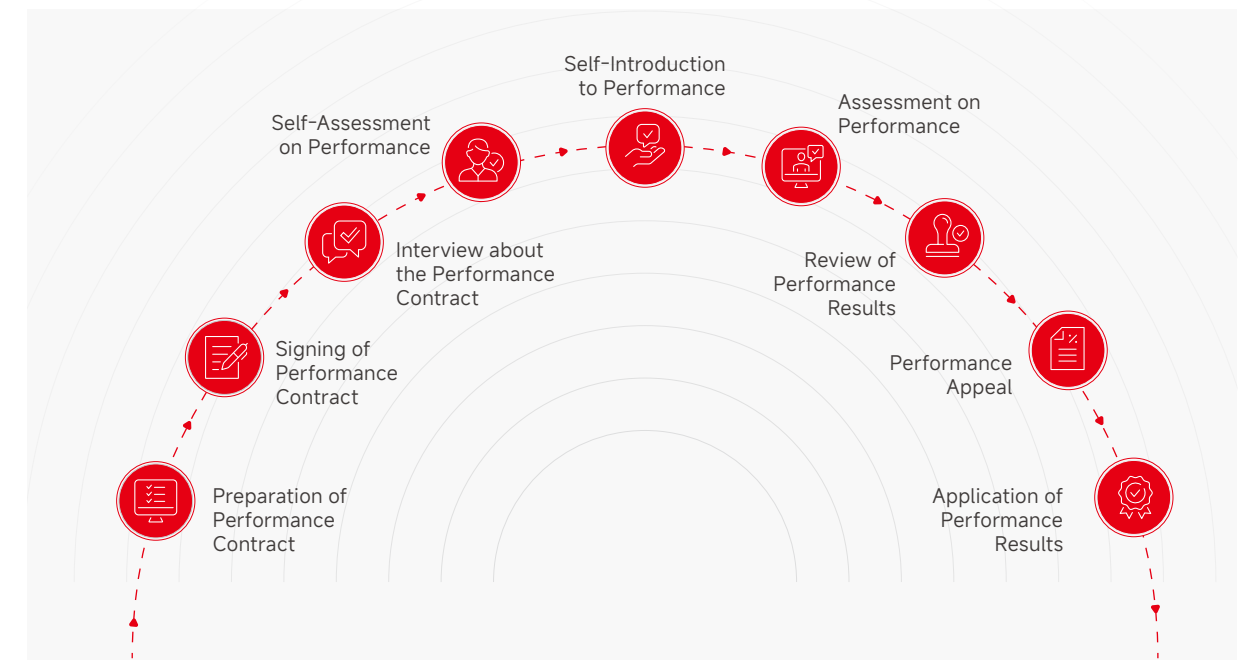
Talent Development

The Company provides employees with a variety of career development channels in line with job requirements and personal career development aspirations. We have formulated the Guidance on Employee Career Management and the Leader Management Process. We have established two career development paths in professional and management roles, spanning 15 categories such as R&D technology, IT, and human resources. We have also standardized the procedures for employee promotion, including nomination, review, application for approval, inspection and approval. We ensure that employees' career development is consistent with our business objectives to boost both individual growth and corporate prosperity.

Adhering to fair and objective assessment of employee performance and contribution, we have formulated the Policy on Performance Management and the Performance Management Process to establish a targeted performance management system with SANY features. We conduct hierarchical performance management based on position and level of employees, and set up different performance assessment circles for employees at different levels. Following the performance management process, we conduct a comprehensive and objective assessment on employees' work performance, and provide them with promotion opportunities and salary adjustment based on the assessment results. During the Reporting Period, 100% of SANY employees received regular performance assessment.

During the Reporting Period

100% of SANY employees received regular performance assessment.



Employee Performance Management Process

Occupational Health and Safety

Upholding the management philosophy of “people-oriented, safety first”, SANY Renewable Energy continues to optimize the occupational health and safety management system and improve the capabilities to respond to risk incidents. We are committed to providing a “zero-incident” working environment that is healthy and safe for all employees.

Occupational Health and Safety Management System

SANY Renewable Energy complies with laws and regulations related to occupational health and safety, such as the Labor Law of the People’s Republic of China, the Work Safety Law of the People’s Republic of China, the Law of the People’s Republic of China on the Prevention and Control of Occupational Diseases, and the Fire Protection Law of the People’s Republic of China. We have formulated the Employee Health and Safety Management Manual, the Guidance on Human Rights and Labor Management and the Policy on Emergency Management of Workplace Safety to protect the health and safety of our employees.

During the Reporting Period

All eight

operation sites with stable operation for more than one year (including SANY Renewable Energy, Sany Tongyu, Sany Chenzhou, Sany Zhangjiakou, Sany Shaoshan and Sany Bayannur) passed the annual review of ISO 45001 Occupation Health and Safety Management System.

The Company has established a top-down occupational health and safety management structure, with the CEO as the ultimate responsible person. We have also set up a safety committee at the executive level, which decides and monitors all aspects of the occupational health and safety management. The decisions are ultimately coordinated and implemented by HSE Department. Relying on the improved occupational health and safety management structure, the Company makes safety commitments, sets safety targets, and signs safety responsibility agreements from top to bottom, ensuring the stable operation of the occupational health and safety management system.

Occupational Health and Safety Management Targets		Occupational Health and Safety Management Performance	
Injury Rate Per one thousand People	Fatality	Injury Rate Per one thousand People	Fatality
≤3‰	0	≤0.63‰	0
Occupational Disease Incident	Fire Incident	Occupational Disease Incident	Fire Incident
0	0	0	0

Occupational Health

The Company has formulated the Regulations on Warning and Notification of Occupational Disease Hazards, the Regulations on Occupational Health Monitoring and File Management and the Policy on Addressing and Reporting Occupational Diseases to standardize the management of occupational health monitoring and improve the prevention and control of occupational diseases.

SANY Renewable Energy engages in a third-party institution to identify occupational disease hazards every year and assess the current occupational disease hazards every three years. The third-party institution is also required to issue the detection report on occupational hazard factors and the assessment report on the current occupational disease hazards. We take all those measures to identify and control various occupational hazards. Based on the assessment result, the Company pays close attention to hazards and employee health conditions and carries out a series of occupational health protection measures. In this way, we prevent and control the emergence of occupational disease hazards in the working environment and the occurrence of occupational diseases among employees. By the end of the Reporting Period, the Company had no new cases of occupational diseases.

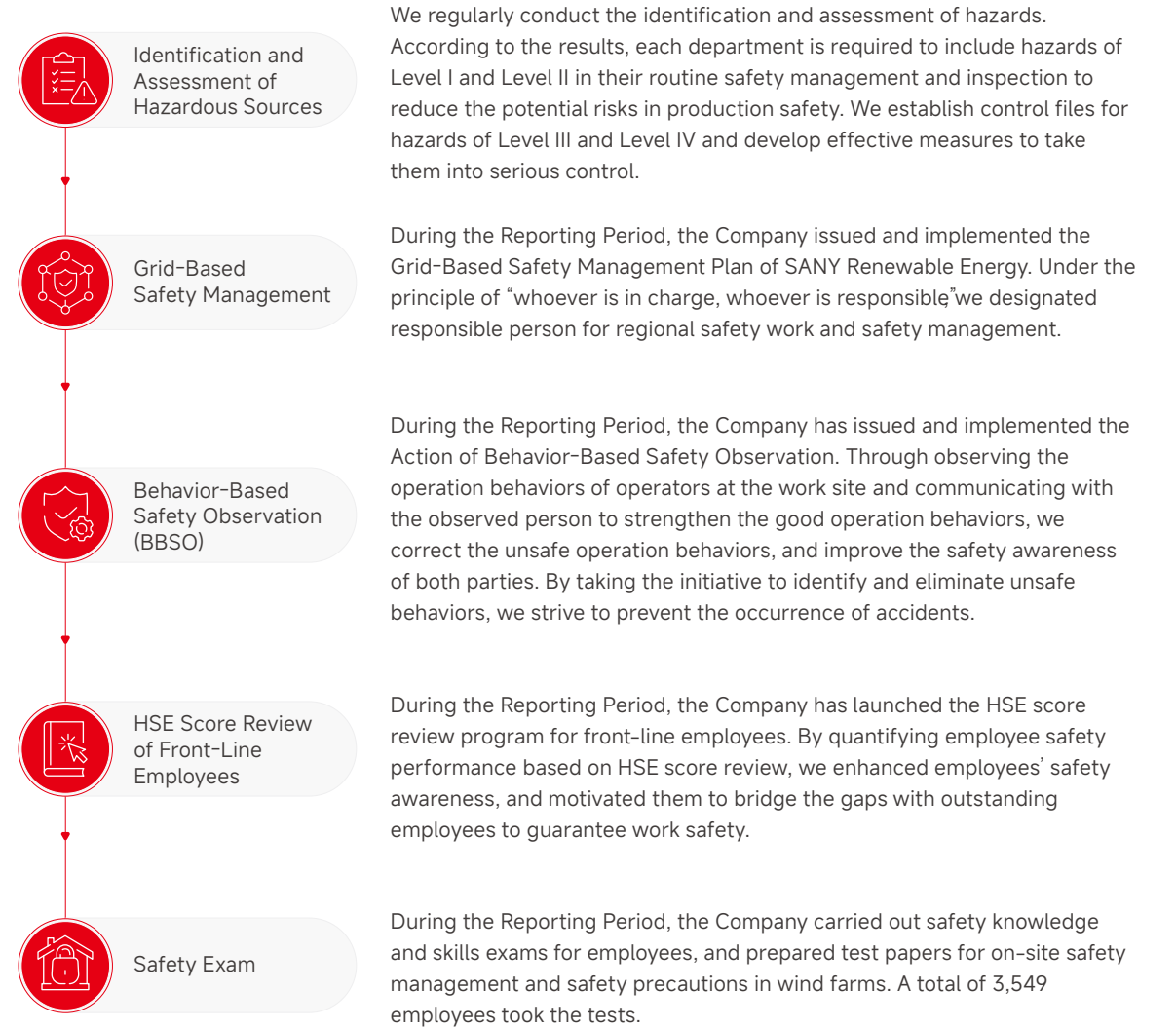
Occupational Health Protection Measures	
Notification of Occupational Hazards	For risks identified, we post notification cards for occupational disease hazards to ensure that employees are aware of the hazards at their posts and take protective measures as required.
Distribution of Protective Equipment	We have formulated the Policy on Protective Equipment Management and updated the Record of Distributing Protective Equipment. We distribute protective equipment meeting related requirements based on different positions, including safety helmets, working clothes, anti-smash shoes and safety belts.
Physical Examination for Employees in Hazardous Positions	All employees exposed to occupational disease hazards are required to complete 100% of physical examinations at the pre-employment, during-employment, and post-employment stages. In addition, we adhere to the “one employee, one health record” requirement to track the occupational health conditions of employees.
Occupation Health Training	We conduct online training to educate employees on occupational disease prevention, hazards identification, and proper use of protective equipment, in order to enhance their awareness of occupational health protection.
Employees’ Mental Health	We hand out the Guidance on the Protection of Employee’s Mental Health, which educates employees on basic mental health knowledge and assists managers at all levels in mastering basic methods of managing employee mental health.
Prevention of Repetitive Strain Injuries	We conduct training for employees in knowledge of and preventive measures for repetitive strain injuries, helping them establish awareness of preventing repetitive strain injuries. At the same time, we provide automated tools such as AGVs (Automated Guided Vehicles) and electric forklifts to help employees reduce work scenarios where repetitive strain injuries may occur.

Work Safety

The Company has formulated the Policy on Emergency Management of Workplace Safety and the Policy on Safety Rewards, Punishments & Evaluations to timely identify and eliminate safety hazards in production and guarantee the safety and health of employees.

The Company has established the Hazardous Sources Identification and Risks Assessment Control Procedure and the Policy on Safety Risk Identification and Graded Control. The Company reviews and reports safety hazards through hazard identification and assessment, weekly safety inspections, routine patrols, cross-checks between work teams, and equipment safety inspections. Based on the assessment results, we formulate hierarchical control measures to properly manages safety risks.

Work Safety Control Measures



The Company has formulated the Policy on Safety Education and Training Management and the Policy on Emergency Management of Workplace Safety to standardize the safety training and safety emergency drills. We provide safety training for all employees, including outsourced workers, interns, and temporary workers. We also conduct special training for new employees when adopting new processes, technologies, materials, or equipment. At the same time, we are equipped with emergency teams and emergency materials in accordance with the regulations. We regularly carry out various types of emergency drills for operational poisoning and asphyxiation accidents, environmental accidents, lifting and hoisting, and fire accidents, etc. In this way, we have improved our emergency response and treatment capabilities.



Case

Fire Emergency Rescue Drill

In September 2024, the Company conducted a fire emergency rescue drill in Nankou Park. Through the simulation of possible fire, employees were tested for the mastery of knowledge on alarm call, content, emergency duties, measures and precautions. Staff fire equipment use skills, and the company’s fire equipment is complete. The drill also assessed employees’ skills in using fire-fighting equipment and the completeness of the Company’s fire-fighting facilities. The drill effectively enhanced employees’ ability to handle accidents and strengthened their capacity to identify and prevent accident risks.



Safety Management of Relevant Parties

We attach great importance to the occupational health and safety of relevant parties, including contractors and suppliers working on site. We strictly implement safety management standards, and carry out safety notification, supervision and control throughout all operations of relevant parties.

Safety Management of Related Parties

Safety Policy	The Company has formulated the Relevant Party Management Policy to enforce work safety, clarifying construction safety and environmental measures and the emergency preparedness and response mechanism. The policy also provides enhanced controls for relevant parties and visitors, standardizes work safety behaviors and clarifies safety management responsibilities.
Safety Agreement	The Company signs the Agreement on the Management of Occupational Health and Safety and Environmental Protection and the Safety Notification with all relevant parties. In this way, we clarify the responsibilities of each party in work safety management and the necessary safety measures, and ensure that all visitors understand the Company’s safety management standards and risk matters. We also require relevant parties to provide safety and environmental protection related construction plans and conduct strict risk review and prevention.
Safety Training	Relevant parties we engage for different operations are required to take the safety training and exams at the proper level before they can work on site. The safety training for relevant parties enables contractors to fully understand the Company’s safety requirements and the precautions, as well as their safety management responsibilities. The purpose is to prevent the occurrence of accidents at the contractor side, improve contractors’ safety management level, and enhance the safety awareness of construction personnel.

04

Excellent Quality

SANY Renewable Energy pursues excellent quality as the foundation of management. We continuously improve the product quality management system, and advance capability building in innovation and R&D. Relying on a robust sustainable supply chain and high-quality customer service, we aim to lead the high-quality development of the wind power industry and better meet customer needs.

Sustainability Issues

Safety and quality of products and services, R&D and innovation, Sustainable supply chain

United Nations Sustainable Development Goals (SDGs)



Product Quality Management

SANY Renewable Energy adheres to the quality management policy of “first-class products, first-class quality and first-class service” . Focusing on domestic and foreign customers’ demand for the continuous improvement of product quality, we continue to improve the Company’ s quality management system, striving to build a product lifecycle quality management system covering all the stages including R&D and design, manufacturing, sales and installation, and operation and maintenance services, and comprehensively improving the quality of products and services.

Product Quality Management

At SANY Renewable Energy, the Board of Directors serves as the supreme responsible body for quality matters. At the senior management level, we designate a quality management system supervisor and quality leader, and set up the Quality Assurance Department to coordinate and perform specific quality management work, including the formulation and monitoring of quality indicators. The Company releases the Quality Objectives Plan every year to drive continuous improvement in quality management and escort the Company’s product quality and safety.

The Company strictly complies with the Product Quality Law of the People’s Republic of China and other relevant regulations and standards. We have formulated the Quality, Environmental and Occupational Health and Safety Management Manual and other internal quality management policies and procedures in accordance with the ISO 9001 quality management system, to ensure the standardized operation of the quality management system. The Company has formulated and implemented the Product Lifecycle Management and the Quality Management Process, defining the quality management responsibilities at different stages including design and development, manufacturing, sales, and after-sale service. For critical points of control, quality control mechanisms are in place to reduce risks in quality management and control. Through lifecycle quality control, we ensure that products meet quality and safety standards in all aspects of production and operation.

During the Reporting Period, 8 production sites that had been in stable operation for over one year — including SANY Renewable Energy, SANY Tongyu, SANY Chenzhou, SANY Zhangjiakou, and SANY Shaoshan — achieved a 100% certification rate for the ISO 9001 Quality Management System. Among them, SANY Bayannur and SANY Tacheng successfully passed the ISO 9001 certification audit and obtained the certification for the first time.

Quality Management Strategy	
Digitalized Quality Management	Continuously apply digital tools to empower quality management, build a digitalized, integrated online quality management platform, and comprehensively improve the efficiency and accuracy of quality management, handling 83.67% of the quality management processes online.
Quality Audit	Establish and improve the internal quality management review system, and conduct internal and external quality reviews on a regular basis. The Company entrusts external third-party institutions to conduct compliance review of the quality management system, issue review conclusions, and propose improvement suggestions. In addition, we select and train internal quality reviewers. Through regular internal review, we monitor and evaluate the effectiveness, compliance and appropriateness of the quality management system applied at each production and operation site, thereby identifying opportunities for improvement. During the Reporting Period, the Company identified 23 non-compliance items through the internal quality review, which were all resolved with a rectification rate of 100%. No systemic issues were noted in the quality review, indicating that the quality system was effective.
Quality Culture Cultivation	Actively carry out quality training and culture promotion among employees, establish 10 quality culture standard initiatives, and deepen the concept of quality. During the Reporting Period, we conducted quality training for employees, and held various quality campaigns such as the quality month, regular quality meetings and quality star selection, to achieve all-round enhancement of quality awareness and skills among all employees. In addition, the Company implements the Quality Award and Punishment Management System to improve quality management effectiveness and efficiency through employee incentives and restraint mechanisms.

Case

“Quality Month” Campaign of SANY Renewable Energy

From September to October 2024, SANY Renewable Energy launched the Quality Month campaign with the theme of “prevention measures and ‘Three Noes’ to deliver premium quality”, focusing on the quality management and control measures of quality culture publicity, quality tool empowerment and the implementation of the “Three Reals” principle (go to the Real Place, observe the Real Thing, and gather Real Facts). The campaign involved 8 departments, and encompassed a total of 149 activities such as employee quality awareness and skills training, quality pain point exchange and sharing, and quality skills competition, with a total of 3,695 participants. These efforts enhanced employees’ ability to solve quality problems and improved their quality awareness.



Supply Chain Quality Management

The Company has established a strict supplier quality management system to ensure that product quality is controlled from the source. In addition, the Company has formulated management policies such as the Supplier Quality Management Manual, to create a quality management protocol shared between SANY Renewable Energy and suppliers. With the policy system, we standardize suppliers’ quality management process and practices, improve their quality management capabilities, and work with supply chain partners to pursue lasting progress and development.

We carry out quality empowerment training for suppliers in the mode of “training in practices”, planning to establish a supplier quality college to further improve the management and control mechanism of supplier quality training and communicate the quality requirements of SANY Renewable Energy in a timely and accurate manner. During the Reporting Period, the Company carried out nearly 1,000 technical clarification sessions relating to new product development and nearly 2,000 regular quality meetings, in addition to Failure Mode and Effect Analysis (FMEA) quality management tool training for some suppliers. These efforts jointly improved the efficiency and effectiveness of both parties in quality assurance and quality problem solving.

In addition, the quality management requirements have been incorporated into the Company’ s supplier admission and evaluation system. For details, please refer to Section “Sustainable Supply Chain” of this Report.

R&D and Innovation

At SANY Renewable Energy, we regard R&D as the core competitive advantage of the Company. We continue to increase investment in technology R&D and introduce international top-notch technical talents, thereby promoting technological breakthroughs, driving product upgrading, and solidifying the Company's technological strength and leading position. In this way, we aim to build a cleaner and more sustainable energy supply system.

Governance

Upholding the concept of "every bit of achievements originates from innovation," the Company strives for product R&D with the goal of "high reliability, high power output and low cost per KWh" and has systematically laid out its innovation and development strategies.

The board of directors oversees matters such as the company's long-term R&D strategic planning and significant strategic R&D investments. The Company promotes R&D innovation from a strategic perspective. It has established China's first supercomputer center in the wind power industry, and has laid out international, professional and multi-field R&D platforms in Beijing, Changsha and Spain, including the Wind Turbine Research Institute, the Testing and Inspection Center and the Blade R&D Institute, as well as the affiliate R&D Management Office and multiple R&D institutes. These facilities are dedicated to the product and technology R&D in various segments and continuously improve the R&D management structure.

Strategy

The Company integrates resources from its global R&D platforms, establishes several industry-first testing platforms, gathers top global experts in wind power, focuses on cutting-edge and frontier technologies in the industry, and constructs a global technology research and development system. The Company is committed to creating value for customers through continuous R&D and innovation and improving core competitiveness of products.

Under the directional guidance of the Company's R&D strategic planning, we have formulated innovation and R&D management policies such as the Management Measures for R&D Project Incentives and the Management Provisions for Title Appraisal within the R&D Division. The Company closely follows the global technology trend of "high, large, long, light and intelligent" in the wind turbine field, and endeavors to strengthen our strategic determination and the core technology innovation ability.

Impacts, Risks and Opportunities

At SANY Renewable Energy, we regard technological innovation as the key to the future development of the Company and industry, and actively manage our impacts, risks and opportunities. We have integrated risk management into product development and other stages throughout the product lifecycle, and identified and evaluated risks and opportunities in the process of innovation. The Company maintains its technological leadership through technological research and development as well as intelligent manufacturing. Relying on a sound intellectual property protection system and cooperation with academia and industry, we effectively manage innovation risks, expand market opportunities and improve competitiveness.



Intelligent Manufacturing

At SANY Renewable Energy, we regard digital and intelligent transformation as the key path to improve the quality and efficiency of production and operation. Adhering to the development philosophy of "high quality, high efficiency, high flexibility and competitive cost" in wind turbine manufacturing, we aim to become a benchmark enterprise for intelligent manufacturing in the wind power industry. Through automation, lean operation and digitalization, the Company has taken a leading role in intelligent transformation of the industry.

The Company continues to deepen the R&D and application of intelligent manufacturing. We build and continuously optimize the four intelligent manufacturing modules: the Intelligent Manufacturing Platform (MOM), the Warehouse Management System (WMS), the Excellent Quality Management System (EQS) and the Underlying Data Acquisition System (IoT). Through the digital integration of various systems and business modules, we achieve data integration and process management on workshop production and operation. Focusing on key processes such as business operation, warehousing scheduling, equipment management, manufacturing process and quality control, we realize intelligent integration in marketing, R&D, manufacturing, service and other fields to improve management efficiency and production quality.

Intelligent Manufacturing Systems



Manufacturing Operation
Management (MOM)

Manufacturing Operation
Management (MOM)



Warehouse Management
System (WMS)

Warehouse Management
System (WMS)



Excellent Quality
Management System (EQS)

Excellent Quality
Management System (EQS)



Underlying Data Acquisition
System (IOT)

Underlying Data Acquisition
System (IOT)

We have put it in full online application across 20 factories, including blade factories, wind turbine factories and generator factories. It realizes the whole-process online management of the production, quality and logistics modules, enables the online control and tracing of process quality data, and achieves 100% paperless forms and records of on-site inspections.

We have connected the Warehousing Management System (WMS) of SANY Renewable Energy with the four high-bay warehouses of Shaoshan Blade Factory, Chenzhou Factory, Beijing Generator Factory and Wind Turbine Factory. It supports automatic loading and unloading and paperless sorting, improving the factories' in-house material outbound efficiency by 30%.

We invest a lot of resources to independently implement lifecycle quality management, realizing online management of all key business areas, including R&D quality, supplier quality, manufacturing quality, after-sales quality, quality system, and quality problem improvement.

We achieve data integration of IOT and MOM. At Shaoshan and Bayannur blade factories, the two systems facilitate data collection and statistics for fabric dipping machines, and data collection and automatic identification for blade forming processes. At wind turbine factories, the two systems support data collection for robots and wrenches, and online monitoring and tracing of general assembly torque.



Case Sany Shaoshan "Lighthouse Factory"

SANY Renewable Energy actively promotes the application of advanced digital technology in Shaoshan Blade Factory, realizing online management and efficient coordination of the whole business process, and comprehensively improving the intelligent operation and management of the factory. Relying on its leading practices in intelligent manufacturing, Shaoshan Blade Factory passed the lighthouse factory certification and became the first "lighthouse factory" in the wind power industry in the world. The factory was also awarded the honor of "2024 Intelligent Manufacturing Benchmark Enterprise of Hunan Province" in the Reporting Period, winning the Company a reputation and benchmark role for intelligent manufacturing.

As a pioneer in the digital and intelligent applications for the whole blade manufacturing process, Shaoshan Blade Factory has realized end-to-end online management of all key links, including contract management, manufacturing, delivery and logistics, installation, as well as operation and maintenance. It also deeply integrates refined quality control and whole-process defect tracing to ensure high-standards and highly reliable product quality.

The factory continues to expand the digital twin system, and implement real-time interaction between MOM (Manufacturing and Operation Management) and IOT (Internet of Things) systems to achieve dynamic equipment monitoring and production forecasting. In addition, the factory integrates microgrid and energy consumption data in the twin model to promote zero-carbon production and optimize energy management. During the Reporting Period, more than 66.4% of our electricity consumption for production was self-supplied, contributing to green and clean development.



End-to-end System for Digital and Intelligent Delivery



Digital Twin Meta Platform



Industry Cooperation

The Company actively exerts its influence in the industry. During the Reporting Period, SANY Renewable Energy participated in many global wind power industry activities, including China Wind Power, WindEnergy Hamburg, Husum Wind, World Forum Offshore Wind, China International Wind Energy Composite Materials Summit Forum and Exhibition, and China Wind Energy Innovation and Development Summit Forum. Through extensive participation in industry exchanges and cooperation, we work with industrial chain partners to break through the technological boundary, leading the wind power industry towards a more efficient and sustainable future.

SANY Renewable Energy actively promotes industry-university-research cooperation and exchanges. We carry out R&D cooperation with research institutions on key products and technologies every year. Orientated to our R&D strategies, we leverage the methodology and resource advantages of research institutions to navigate the Company’s R&D, innovation and patent portfolio planning.

2024 Industry-University-Research Cooperation Projects

Shandong University of Technology Joint Research on Blade Fatigue and Reliability Improvement

Changchun Sinotest Joint Research, Testing and Verification of Bolt and Pre-buried Blade Root Bushings

The Company also actively assumes the responsibility as an industry leader to promote the standardization of the industry development. During the Reporting Period, the Company participated in the formulation of 2 national standards, i.e. the “Wind Turbine Ductile Iron Parts” and the “Power Transformer Energy Efficiency Limits and Energy Efficiency Grades” 2 industry standards, i.e. the “Evaluation Method of Wind Farm Grid Connection Performance” and the “Technical Requirements and Testing Procedures for Grid Connection of Grid-connected Wind Turbines” and 4 group standards.

By the end of the Reporting Period

Formulation or Revision
Standards

37



National
Standards

9

Industry
Standards

17

Group
Standards

10



Case

SANY Renewable Energy Attended the WindEnergy Hamburg 2024

In September 2024, WindEnergy Hamburg 2024, an international wind energy exhibition in Europe (Germany), started with a grand opening. SANY Renewable Energy made a debut appearance at the international exhibition, with the topic “Capture the Power of Wind, Usher in a Cleaner World”, to show SANY Renewable Energy’s latest technical achievements and customized wind power integrated solutions, presenting “SANY Insights” for the high-quality development of wind resources around the world.

During the exhibition, SANY Renewable Energy officially released the SI-17578 and SI-18580 models tailored specifically for the European market. The models strictly follow the design principle of “high efficiency and lifecycle safety and reliability”, and meet the core requirements of the European market in material selection, safety standards, voltage adaptation and other aspects. The two models also have significant advantages in power generation efficiency and reliability. In addition, as the world’s first wind turbine manufacturer that already has 131-meter ultra-long onshore wind power blades rolling off the production line, SANY Renewable Energy shared its experience in material selection, airfoil design, manufacturing technology and reliability verification for 100-meter ultra-long blades at the exhibition, to promote technical exchanges and cooperation in the industry.

During the exhibition, the Company received about 150 customers and 12 media, and held 8 on-site activities, winning good social response.



Intellectual Property Protection

At SANY Renewable Energy, we attach great importance to intellectual property protection, respect the intellectual property rights of others, and stick to “zero tolerance” for infringement. The Company has formulated and strictly implemented the R&D Patent Work and Management Regulations, the Administrative Measures for Patent Application, the Management Measures for R&D Project Incentives, and other intellectual property related policies, and set the objectives for intellectual property management. With the policy system, we aim to stimulate innovation vitality among R&D personnel and deepen the protection and application of our own intellectual property.

The Company is committed to capability building in the digital management of intellectual property. To realize standardized online management of intellectual property related business processes, the Company has implemented an intellectual property management strategy of “Four Features” namely “standardized, online, automated and intelligent”. During the Reporting Period, we also provided training for new graduates on two topics: patent basics and novelty search, and patent mining and practical cases, aiming to strengthen employees’ awareness of and ability in intellectual property protection.

Relying on a strong R&D system, efficient R&D management, and implementation capabilities in the field of intelligent manufacturing, the Company continues to consolidate and expand its industry leading position in the core technology fields of large megawatt intelligent turbine, transformer box in nacelle design, intelligent wind farm operation and maintenance, independent pitch control system, ultra-high tower barrel, long blade, etc.



Case

SANY Renewable Energy's 35 MW Test Bench

In October 2024, the world's largest 35 MW six degrees of freedom and drivetrain back-to-back test bench was officially put into operation at SANY Renewable Energy's Wind Power Testing Center. The test bench won the Wind Power Innovation Award (Top 5) of Windpower Monthly, an international authoritative media, and was awarded several honors in China, including the Innovation Studio of Changping District, Beijing. It was also reported by CCTV Live News.

This test bench, independently developed and designed by SANY Renewable Energy, utilizes a 100% domestic supply chain. It is the most powerful, highly accurate, and comprehensive wind turbine drivetrain test bench in the world. With thousands of sensors monitoring the entire testing process, real-time multi-dimensional test data collection feeds back into product design to refine digital simulation models, creating a closed-loop system from testing to optimization that ensures the reliability of wind turbines throughout their lifecycle. It greatly improves the safety and operating efficiency of wind power equipment.

The successful operation of the 35 MW test bench is a testament to the dedication of China's wind power industry in pushing technological boundaries. SANY Renewable Energy will remain committed to an innovation-driven strategy to lead wind power upscaling and drive the high-quality development of the wind power sector.



Case

SANY Renewable Energy's 15 MW Onshore Wind Turbine Set A New Global Record

In November 2024, the 15 MW onshore wind turbine SI-270150 (922 platform) independently developed by SANY Renewable Energy was successfully installed in Tongyu, Jilin Province and realized full-load operation. It won the Top 1 gold medal in the selection of "World's Best High-Power Onshore Wind Turbine" of Windpower Monthly.

The 922 platform is a blockbuster product of SANY Renewable Energy for sea-land platform, designed with super-large impeller diameter, featuring higher power generation efficiency and better cost per kWh. The annual power generation of a single wind turbine can meet the annual electricity demand of 160,000 households. This is another successful practice of the Company in the fields of large-megawatt design, R&D, testing and verification.



Metrics and Targets



During the reporting period, the company continued to increase its investment in technology R&D, advanced intellectual property management in an orderly manner, and steadily progressed towards its R&D innovation goals and plans, becoming a "National Intellectual Property Superior Enterprise".

SANY Renewable Energy's Targets in Intellectual Property Management

Short-term

Enhance the management system, improve the quality and quantity of intellectual property, and make full use of patent information to avoid risks and promote technological innovation.

Medium-term

Augment the benefits of intellectual property to business operation and product R&D, enhance brand value, and guarantee the free operation of products.

Long-term

Turn the operation of intellectual property into a profit source for the Company.

Metrics



R&D
Investment

RMB **777** Million

Percentage of R&D
Expenditure to Revenue

4.37%



Newly Obtained
Invention Patents

33

Newly Obtained Utility
Model Patents

71



Newly Obtained
Design Patents

5

Newly Obtained
Software Copyrights

80



R&D
Personnel

752

Percentage of
R&D Personnel

11.88%



Personnel with
Master's Degree or above

348

Percentage of Personnel
with Master's Degree or above

46.27%

Customer Service

At SANY Renewable Energy, we uphold a customer-centric value, and stick to the business concept of “meeting customer needs and creating unique value for customers”, providing customers with a convenient holistic solution for intelligent operation and maintenance. We provide customer service in a standardized manner, improve the quality of products and services, and continuously optimize customer experience with professional and dedicated service.

Customer Service

SANY Renewable Energy adopts an after-sales service management system with service teams stationed on site to serve customers throughout the product lifecycle. We have set up service companies to centrally manage customer service, and appoint a project service manager by wind farm. The on-site project team strictly follows the Company’s operating procedures to handle product failures, conduct regular inspection and maintenance and carry out technical renovation at the wind farm to ensure the standardized rendering of after-sales service.

The Company has formulated policies including the Customer Response and Complaint Handling Process and the Customer Satisfaction Management Process, clarifying the procedures and requirements for customer service management, and establishing effective customer complaint and communication mechanisms. These enable us to respond efficiently to customer needs and optimize customer experience. We conduct regular inspections, wind farm questionnaire surveys and other actions to collect customer opinions on improvements of products and accessories, and develop product technical improvement plans tailored to customer needs to effectively address customer concerns. We carry out follow-up customer surveys every 2 months to understand customer opinions on product quality, cost performance, after-sales service, equipment use, brand and other issues, and collect their comments on quality and service. Focusing on the actual needs of customers, we build up our product R&D and innovation and service capabilities, thereby improving customer satisfaction.

During the Reporting Period

we collected **362** replies from customers, and achieved a closed-loop resolution rate of **99.7%** and a customer satisfaction score of **96.7** points in the survey.

Responsible Marketing

SANY Renewable Energy actively carries out responsible marketing management. We strictly abide by the Advertising Law of the People’s Republic of China, the Law of the People’s Republic of China on Protection of Consumer Rights and Interests, the EU Unfair Commercial Practices Directive, and other relevant laws and regulations in the places where we operate. In this way, we regulate our marketing practices and ensure legal and compliant marketing of the Company. During the Reporting Period, the Company did not have any marketing violations.

Customer Empowerment

We provide customers with a one-stop solution covering the entire lifecycle of the wind farm. In all stages of a wind farm project from the planning to the EPC construction and to the operation and maintenance, we provide customers with a full range of management services. And by applying lean digital technology, we integrate the intelligent wind farm system with the wind turbine product design to maximize product performance, and help customers improve the operational efficiency and economic benefits of the wind farm.

We understand that stable wind turbine operation is critical to our customers’ productivity and cost control. The Company innovatively applies the wind turbine health manager and the intelligent operation and maintenance platform to realize 7*24 monitoring of wind turbines, and conduct online whole-process management of wind turbine operation and maintenance. The intelligent platform enables automatic health checks of wind turbines and early warning on defects. It identifies wind turbines in non-optimal conditions and generates early warning work orders for improvement, achieving closed-loop management of monitoring-analysis-prediction-improvement. By applying this approach of early warning predictive maintenance, we provide customers with a more proactive and accurate operation and maintenance model and help them reduce the failure rate of their wind turbines.

To ensure stable operation of the wind farm, we carry out an annual “Strict Prevention and Thorough Protection” scheme to address the safety risks of wind turbines by proactively identifying and rectifying the operational defects of the wind turbines.

During the Reporting Period

the scheme covered **5,433** wind turbines, with **1,568** defects identified and rectified. The platform released more than **11,100** early warning work orders, mitigating more than **8,200** hidden hazards of defaults, significantly improved the overall operational efficiency of the wind farm.

Sustainable Supply Chain

At SANY Renewable Energy, we are well aware of the positive benefits of a stable and competitive supply chain to the Company’s operations. We continue to strengthen the construction of the supplier responsibility management system, working with partner suppliers to enhance supply chain resilience and drive win-win common growth through co-creation.

Supplier Management System



Supplier Management

The Company has established the Sustainable Procurement Committee as the supreme responsible body for supply chain management. The Commercial Department is responsible for the routine management of the supply chain. The Company has formulated management policies such as the Supplier Management Policy and the Supplier Quality Management Manual, forming a robust management system covering core processes such as category sourcing, supplier admission, supplier evaluation and supplier exit.

Supplier Lifecycle Management Processes

Sourcing

Formulate the Production Supplier Sourcing Process, and develop qualified suppliers through websites, surveys, trade fairs, internal referral and other channels.

Admission

Formulate the Supplier Admission Process, define the criteria of qualified suppliers, conduct supplier admission review on their quality, R&D and innovation ability, sustainability performance and other factors, and require suppliers to commit to comply with the Supplier Code of Conduct.

Assessment and Maintenance

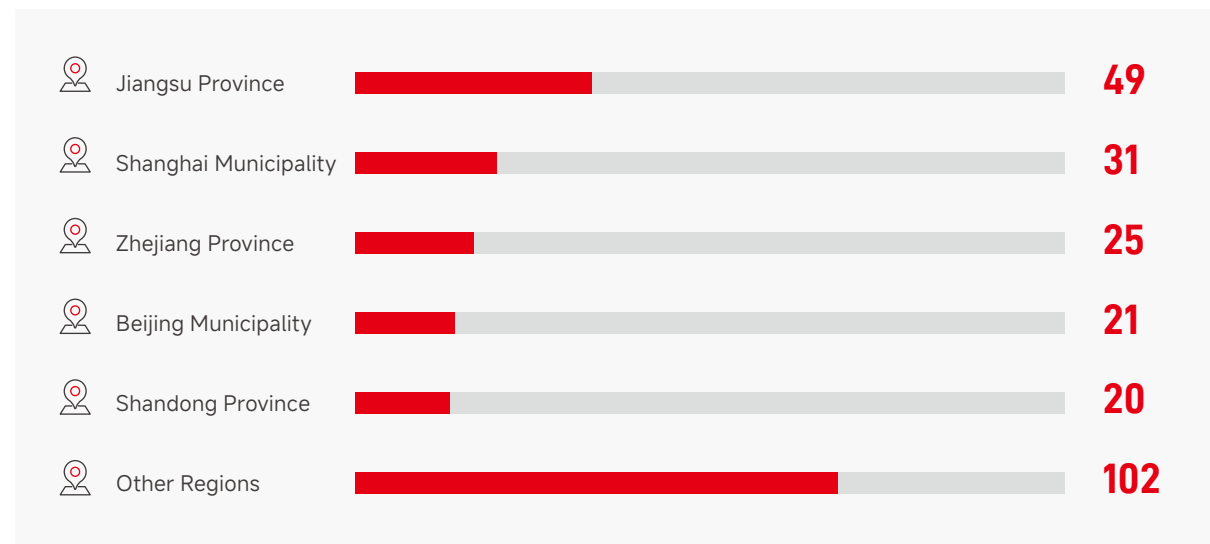
Conduct regular audits, performance evaluation and re-grading of suppliers, and advance targeted supplier relationship management.

Exit

Formulate the Supplier Exit Process and establish the supplier elimination rules. The supplier exit process is initiated when the supplier has problems on qualification, legal disputes, environmental compliance, business ethics, poor performance or others.

As of the end of the Reporting Period, Sany Renewable Energy had a total of 248 production (material) suppliers⁴.

Number of Suppliers by Region



The Company implements the Supplier Performance Evaluation and Rectification Process, setting performance evaluation standards concerning supplier quality, delivery, cost, service and other aspects. The supplier performance evaluation results are regularly released, rating the suppliers into four grades: A, B, C, and D. This approach forms a benign mechanism of survival of the fittest. For underperforming high-risk suppliers, the Company includes them in the supervision and management, and provides them with targeted support plans, driving the continuous self-improvement of suppliers and improving the quality of the supplier pool. During the Reporting Period, the Company evaluated the performance of 172 suppliers, and helped 3 suppliers with rectification.

We follow the principle of category-based supplier rating to classify our partner suppliers, forming lists of strategic suppliers, preferred suppliers and eliminated suppliers, which are managed in a hierarchical manner. By the end of the Reporting Period, the proportion of strategic suppliers was 67.1% based on procurement expenditure.



Criteria of Strategic Supplier

- Signed a valid strategic cooperation agreement
- Ranking top 3 in terms of purchase volume within the category
- Rated Grade A in the latest audit, or rated Grade B or above in the admission review

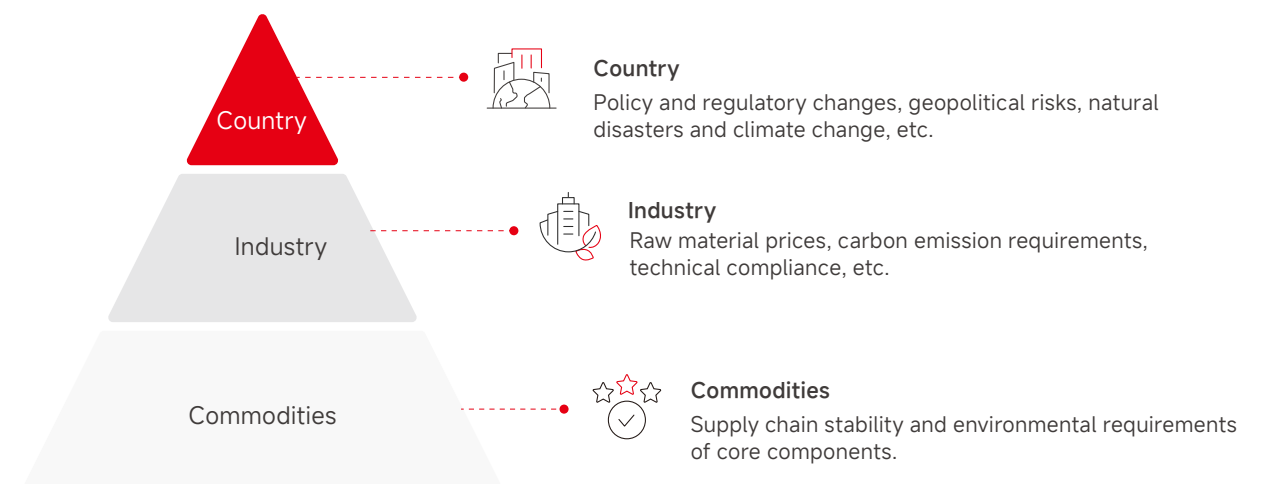


Supply Chain Risk Management

We identify the existing or potential sustainability risks in the supply chain based on our business characteristics. We have formulated the Supplier Risk Assessment Measures, providing guidance on our regular review and identification of supplier risk level and the development of targeted risk control measures or implementation rules. In supplier evaluation and management, we prioritize strategic suppliers and suppliers with high risk in sustainability, to effectively avoid or reduce supply chain risks. By the end of the Reporting Period, the Company had not identified any suppliers with “significant risks”.

4. The Company classifies its suppliers into two categories: production (material) suppliers and service providers. Given the relatively low risk level and limited materiality of service providers, this report focuses on the management measures and performance related to production (material) suppliers.

Risk Criteria



During the Reporting Period, we formulated the Management Measures for Sustainable Procurement Risks and Opportunities, establishing risk assessment standards in environmental, social and health and safety dimensions, and formally integrating sustainability risks into the supply chain risk management system. We use the Supplier Sustainability Risk Assessment Survey Form to conduct systematic sustainability risk survey on all suppliers every year. Suppliers are managed in a targeted manner based on their sustainability risk level to effectively improve the resilience and sustainability of the supply chain.

Sustainable Supply Chain

The Company has formulated policies and guidelines such as the Supplier Code of Conduct, the Sustainable Procurement Management Manual, and the Management Measures for Sustainable Procurement Risks and Opportunities. We integrate the concept and requirements of sustainable procurement into the supplier lifecycle management through supplier corporate social responsibility (CSR) assessment, sustainability incentives, empowerment and other measures. During the Reporting Period, SANY Renewable Energy passed the third-party verification and become the first enterprise in the wind power industry to obtain the ISO 20400 Sustainable Procurement Declaration of Conformity. To ensure the orderly advancement of sustainable supply chain management, we have set a number of 2030 targets and action plans for sustainable procurement.

During the Reporting Period



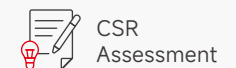
SANY Renewable Energy passed the third-party verification and become the first enterprise in the wind power industry to obtain the ISO 20400 Sustainable Procurement Declaration of Conformity.

Management Strategy of Sustainable Supply Chain



Supplier Code
of Conduct

Suppliers must be committed to complying with the Supplier Code of Conduct, as well as the contract terms concerning labor and human rights, environment and climate, business ethics, intellectual property, information security, and other issues, and fulfill their social responsibilities. By the end of the Reporting Period, **98.80%** of the Company's suppliers had signed the contract containing articles of environmental, labor and human rights requirements.

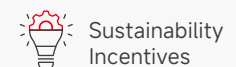


CSR
Assessment

- Formulate corporate social responsibility (CSR) assessment requirements in accordance with the Supplier Code of Conduct. The assessment can take two forms: Supplier CSR Self-Assessment Questionnaire and on-site CSR audit.
- Conduct CSR assessment in different forms and frequencies based on results of the annual supplier sustainability risk survey.

Sustainability Risk Level	Self-Assessment Questionnaire on CSR for Suppliers	On-site CSR Audit
Low	As needed	
Medium	Once a year	Once a year
High	Once a year	Once a year

During the Reporting Period, **80%** of suppliers, calculated based on procurement expenditure, were covered in the CSR assessment (including self-assessment questionnaire and on-site audit), **78%** went through on-site CSR audit. All the suppliers that were assessed as unqualified rectified the problems within the specified time to meet the sustainability management requirements.



Sustainability
Incentives

The Company prioritizes cooperation with suppliers with excellent sustainability performance. For suppliers with different sustainability levels, we implement positive incentives including price incentives, order incentives and goodwill incentives, and negative incentives such as elimination, to encourage suppliers to continuously improve their sustainability capabilities.



Supply Chain Sustainability Empowerment

The Company actively pushes on the supply chain sustainability empowerment, and is committed to improving the sustainability level and management capabilities of the Company and partner suppliers to meet SANY Renewable Energy's requirements of sustainable supply chain management. We work closely with suppliers through daily communication, evaluation, on-site visits and other measures. To drive the systematic advancement of the sustainability empowerment, we have set clear frequency and participation rate for training. In detail, our target is to carry out at least one special sustainability training session for suppliers every year and two for procurement officers every year, with a participation rate of no less than 90%.

During the Reporting Period, we made the following progress in our supply chain sustainability empowerment:

Supply Chain Sustainability Empowerment

Supply Chain Sustainability Empowerment

In July 2024, SANY Renewable Energy held its first large-scale supplier sustainability training, covering a total of 109 key suppliers with high influence and high purchase volume in the production category, accounting for 81% of the total purchase volume in 2023 and 2024. The training elaborated on four topics: Why is ESG important, strategic planning of ESG, sustainable procurement system building, and the Company's expectations and requirements for suppliers. The purpose is to help suppliers improve their ESG awareness and management capabilities and contribute to the construction of a sustainable supply chain.

Procurement Officers Sustainability Empowerment

The Company includes sustainable procurement related indicators in the performance evaluation indicators for the internal procurement team. During the Reporting Period, we provided sustainability themed training for procurement officers. The four topics included ESG capability, sustainable procurement development plan, sustainable procurement exchange meeting, and ISO 20400 system construction and implementation. The training achieved a 100% coverage of the procurement team and strengthened capability building in sustainable procurement.



Supplier Diversity

SANY Renewable Energy attaches great importance to supplier diversity, and sets a target of increasing the proportion of local and diverse suppliers to 15% by 2030. We actively establish cooperation with diverse suppliers such as businesses owned by racial or ethnic minorities, women or veterans, or social businesses, and give priority to diverse suppliers under the same conditions. By the end of the Reporting Period, we had partnered with a total of 25 businesses owned by women, veterans, minorities or people with disabilities, representing 10% of our total suppliers.

By the end of the Reporting Period

We had partnered with a total of **25** businesses owned by women, veterans, minorities or people with disabilities, representing **10%** of our total suppliers.



Management of Conflict Minerals

SANY Renewable Energy is committed not to directly sourcing products containing conflict minerals, and requires suppliers to comply with the same requirements. The Company has formulated the Sustainable Procurement Policy, stipulating that all the products of the Company and our suppliers should be free of the minerals that are used to directly or indirectly finance conflicts between countries or that originate from conflict-affected or high-risk areas. The Company has incorporated the requirements for conflict minerals into the Supplier Code of Conduct, requiring all suppliers along the supply chain to practice responsible sourcing in line with the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas.

We conduct conflict minerals due diligence by adopting the Supplier CSR Self-Assessment Questionnaire and Conflict Minerals Reporting Template (CMRT). We carry out responsible minerals management in four procedures: supplier screening for all product categories, awareness campaigns for all suppliers, source investigation and on-site audit. We require suppliers whose products contain 3TG to sign the Letter of Commitment to Responsible Minerals and to trace the origin of conflict minerals before they go on cooperating with us. These measures ensure that the Company is not involved in the use of conflict minerals.

05

Business Integrity

Integrity lays the cornerstone of SANY Renewable Energy's development. Regarding business ethics as the foundation for our business, we constantly update and refine our governance system, and strive to create a culture of business integrity and a robust risk compliance management mechanism to underpin the Company's steady and long-standing prosperity.

Sustainability Issues

Business ethics, Sustainable governance, Compliance and risk management, Data security and privacy protection

United Nations Sustainable Development Goals (SDGs)

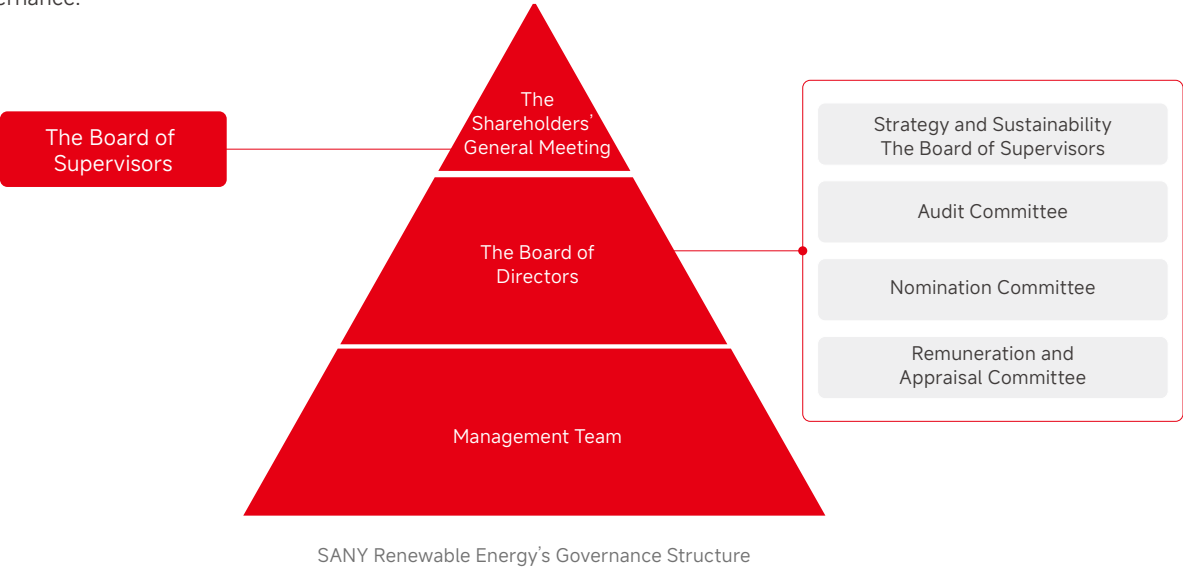


Corporate Governance

At SANY Renewable Energy, we have established a reasonable and compliant corporate governance structure with well-defined roles and responsibilities. With this structure, we can govern the Company in a more standardized and efficient manner, thus promoting the high-quality and sustainable development of the Company as well as the economy and society.

Governance Mechanism

The Company strictly abides by laws and regulations such as the Company Law of the People’s Republic of China, the Securities Law of the People’s Republic of China, the Code of Corporate Governance of Listed Companies, and the Rules Governing the Listing of Stocks on the STAR Market of the Shanghai Stock Exchange. The Company has formulated the Articles of Association and established a modernized corporate governance structure consisting of the shareholders’ general meeting, Board of Directors, Board of Supervisors and management team. In addition, we have formulated and improved the rules of procedure to ensure that the main owners responsible for the corporate governance fully perform their duties in a standardized and efficient manner, to enhance the Company’s capability and level of modernized governance.



Shareholders’ General Meeting

The Company convenes shareholders’ general meetings on a regular basis in strict accordance with the Rules for Shareholders’ Meetings of Listed Companies, the Articles of Association and other laws, regulations, rules and policies. We diligently perform procedures such as meeting notification, proposal, deliberation and voting, ensuring that the shareholders are equally treated and effectively exercise their rights as shareholders, such as their rights to be informed, to participate, to make inquiries, and to vote.

The Board of Directors and
Sub-committees

The Board of Directors is accountable for the shareholder’s general meeting. Serving as the strategic decision-making body, the Board leads and supervises the Company’s business development, strategy formulation and performance. The Board of Directors consists of 4 committees: Audit Committee, Nomination Committee, Remuneration and Appraisal Committee, and Strategy and Sustainability Committee. These committees are responsible for providing advice on special matters, assisting the Board in making decisions and guaranteeing the scientific basis of the Board’s professional decisions.

The Board of Supervisors

The Board of Supervisors is responsible for supervising the Company’s financial positions, major matters and the compliance with laws and regulations of directors, managers and other senior management in the performance of their duties, promoting the coordinated operation of the Company’s governance bodies and enabling effective checks and balances.

Management Team

The management team is accountable for the Board of Directors and perform daily production and operation practices as authorized by the Board of Directors or as required by its role.

By the end of the Reporting Period

Total Directors	Female Directors	Percentage of Female Directors	Independent Directors	Percentage of Independent Directors
9	1	11.11%	3	33.33%

During the Reporting Period

The Company held **3** shareholders' general meetings, **13** meetings of the Board of Directors, **10** meetings of the Board of Supervisors, and **16** board committees' meetings.

Board Diversity

SANY Renewable Energy recognizes the importance of board independence and diversity. The Company has formulated the Board Independence and Diversity Policy, clarifying the mechanism for the nomination and election of directors, and setting up a reasonable director structure. By doing so, we ensure that the Board of Directors is able to effectively make independent judgments and scientific decisions when reviewing and deliberating on major matters.

The Nomination Committee of the Board regularly reviews the board diversity in multiple dimensions, not only taking into account educational background, professional experience, skills, knowledge, and seniority, but also gender, age, nationality, ethnicity, cultural background and other factors. The board committees are comprised of industry talents and specialists with expertise in accounting, finance, engineering and other fields, which guarantee the effective performance of the Board of Directors’ duties and uplift the level of comprehensive corporate governance.

Investor Relations

The Company attaches great importance to investor relations management and actively safeguards the legitimate rights and interests of investors, especially small and medium-sized investors. The Company has formulated the Investor Relations Management Policy and other polices, and manages investor relations in strict accordance with these policies.

Information Disclosure	The Company has formulated the Information Disclosure Management Policy and other relevant policies concerning information disclosure to regulate the Company's conducts in this regard, and to safeguard the quality of information disclosure. By doing so, we ensure that the Company's shareholders, creditors, potential investors and other stakeholders are able to gain a comprehensive understanding of the Company's operating status, financial positions, risks and prospects. During the Reporting Period, the Company disclosed a total of 96 announcements and 206 documents to the public.
Investor Communication	The Secretary of the Board of Directors of the Company, acting as the head of investor relations, is fully responsible for the investor relations management of the Company. We also have investor relations specialists based at the Securities and Investment Office to facilitate communication with investors. During the Reporting Period, the Company responded to investor inquiries 260 times, held 294 investor communication meetings, participated in 121 investment strategy report meetings, 3 results presentations, 6 senior management talks and 2 open days for small and medium-sized investors.
Returns to Shareholders	The Company always places emphasis on the protection of shareholders' rights and interests. Therefore, the Company has formulated and strictly implements relevant policies, and actively follows the procedures to convene shareholders' meetings, showing our commitment to creating long-term value for shareholders and promoting sustainable development of the Company. During the Reporting Period, the Company formulated and actively implemented a dividend plan, distributing cash dividends of RMB 706 million in June 2024, and developed and carried out a stock repurchase program which was completed in January 2025, paying RMB 325 million for the repurchase.
Protection of the Rights and Interests of Shareholders and Creditors	The Company has established a robust corporate governance structure in accordance with the laws and regulations 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 Stocks on the STAR Market of the Shanghai Stock Exchange, as well as internal policies such as the Articles of Association. The governance structure enables the Company's shareholders, creditors and potential investors to have prompt and equal access to information, and to participate in the Company's governance activities in a compliant manner, so as to effectively safeguard their legitimate rights and interests.

Compliance and Risk Management

SANY Renewable Energy continuously improves the risk management mechanism, refines the internal control and compliance management system, and intensifies efforts in audit and monitoring in a bid to prevent all kinds of business risks, and guarantee the Company's stable and compliant operation.

Risk Management

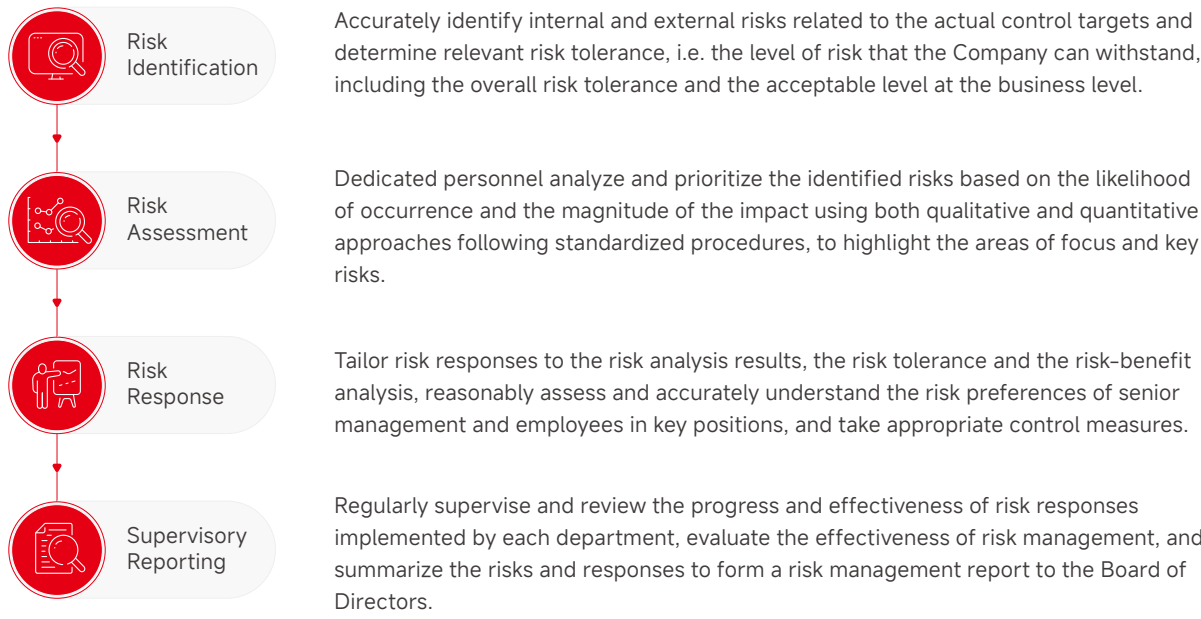
In accordance with the Basic Norms of Enterprise Internal Control and other regulations, the Company has formulated the Internal Control System, the Risk Management System, the Management System for External Guarantees and the Management Measures for Related Party Transactions, which constitute the internal control and risk management system of SANY Renewable Energy. At SANY Renewable Energy, the Board of Directors is the supreme responsible body for internal control and risk management. The specific work of risk management is carried out under the coordination of the CEO office. The Audit Department and other internal control personnel of the Company assume responsibilities for specific supervision and inspection work. And the three lines of defense for compliance management are built by the joint efforts of various departments.

Three Lines of Defense for Compliance Management





The Company strictly implements the Risk Management System. This includes refining the risk management mechanisms for key business processes, such as product or service development, and procurement, to ensure all risk management procedures are carried out in a standardized and efficient manner. A risk assessment plan is developed on an annual basis. The Audit Department collaborates with relevant business departments to identify high-risk steps or control deficiencies in core business processes, and conduct in-depth assessments on these key risk items on a regular basis. By doing so, we continuously enhance risk prevention and control capabilities.

Risk Management Process



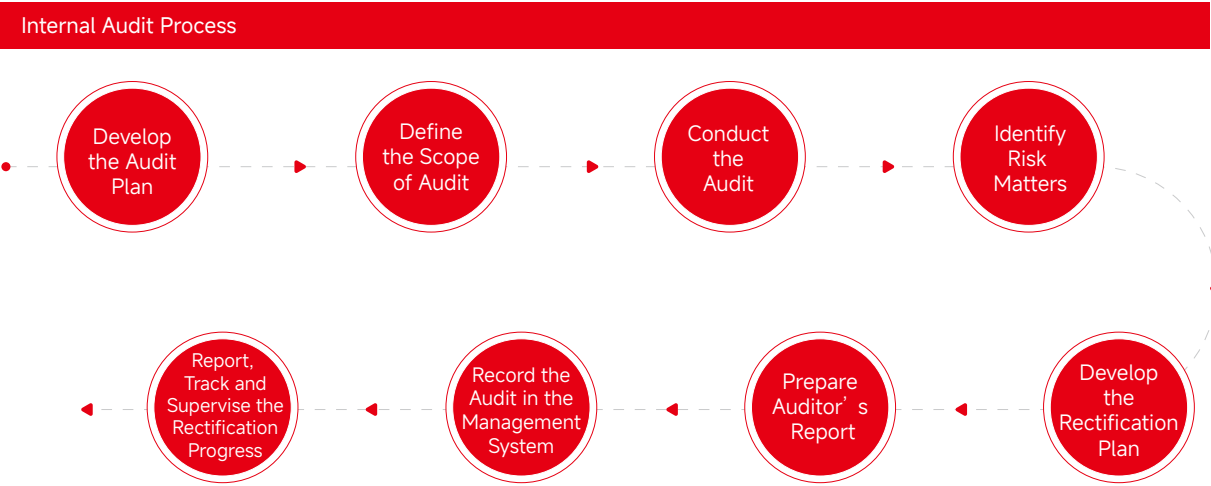
Emerging risks refer to new or changing risks arising from changes in the external environment, which may cause serious negative impacts on the Company and need to be prevented and managed with effective measures. In response to the ever-changing external environment, the Company has incorporated emerging risks into the risk management mechanism. We regularly identify, assess, monitor and report on emerging risks, and conduct in-depth analysis of the identified risks to determine their potential medium- and long-term impacts and formulate corresponding mitigation measures. During the Reporting Period, we refreshed our assessment and analysis of emerging risks. The results indicate that geopolitical conflict risk and data privacy and security risk are the major emerging risks we face.

	Geopolitical Conflicts	Data Privacy and Security
<div><div>Risk Description</div></div>	Intensifying global geopolitical tensions may lead to supply chain disruptions, raw material price fluctuations, higher trade barriers, and rising market uncertainty, which consequently will affect our international business expansion and operational stability.	As the pace of digital transformation picks up, SANY Renewable Energy is exposed to risks of data breaches, cyber attacks and compliance in intelligent manufacturing, remote O&M, and customer data management, which may adversely affect the Company's reputation and customer trust.
<div><div>Responses</div></div>	We will optimize our global supply chain layout and enhance our capabilities of local production and procurement to reduce dependence on a single market. At the same time, we keep a close eye on international policy developments, strengthen compliance management, and ensure the compliance of our business with the regulatory requirements of various countries. In addition, the Company will explore emerging markets through a diversified market strategy to mitigate the impact of geopolitical risks on the business.	The Company will enhance the data security system by adopting advanced encryption technology and access control mechanism to safeguard sensitive information. Moreover, we will conduct regular cybersecurity audits and employee training to enhance overall security awareness. At the same time, we strictly abide by domestic and foreign data compliance requirements to ensure data management compliance and reduce legal and operational risks.

We carry out special training on risk and compliance management for employees from time to time based on the operation and management needs of the Company. These training sessions enable us to meet employees' needs for relevant professional skills and enhance their awareness and capabilities of risk and compliance management. During the Reporting Period, we conducted annual risk management training for all directors (including non-executive directors) of the Company, training on internal control evaluation rules and plans for employees involved in marketing, business and financial systems, internal risk training for marketing companies, training on internal compliance, integrity and risks for the Commercial Department, and group-wide integrity training, with a total of about 200 participants.

Audit Management

The Company has formulated internal audit polices such as the Audit Management Policy and the Auditor Professional Ethics Management Policy, which set up the standardized process of internal audit. These policies enable us to ensure the effective operation of internal audit as the third line of defense for the Company's compliant operation.



During the Reporting Period, we conducted a total of 33 internal control audits in accordance with our annual work plan, issuing 33 audit's reports. These audits focused on various fields, such as marketing, business operations, infrastructure, finance, quality, manufacturing, process, IT, administration and business ethics. Through the internal audits, we identified a total of 197 risks, of which 173 have been rectified. For the remaining risks, we will continue to push ahead with the rectification through the "SANY Smart Supervision and Audit Platform", to effectively enhance the operation and management compliance and risk prevention and control ability of the Company.

Business Ethics

SANY Renewable Energy values integrity as the fundamental principle of the Company' s operation. We strictly abide by the Company Law of the People' s Republic of China, the Criminal Law of the People' s Republic of China, the Anti-Unfair Competition Law of the People' s Republic of China and other laws and regulations, and adopt a zero tolerance attitude towards violations of business ethics such as corruption, bribery, fraud, money laundering and unfair competition.

Business Ethics Governance

The Company has formulated the Business Ethics Policy. This policy provides business ethics guideline for all employees, customers and partners of the Company to help all stakeholders correctly understand and deal with business ethics issues. By doing so, we aim to maintain the culture of integrity and the trust of customers and partners in us, and to secure our sustainability. At SANY Renewable Energy, the Board of Directors is the supreme responsible body for business ethics management, the Audit Department coordinates the establishment of a business ethics system and mechanism, and the CEO office assists in conducting business ethics surveys and training. In this way, we strive to continuously strengthen our business ethics governance system. During the Reporting Period, SANY Renewable Energy went through an audit conducted by an external third party, obtaining the statement of conformity of ISO 37001 Anti-Bribery Management System.

To cultivate a clean and efficient working atmosphere, the Company has set up specific regulations for employees' conducts under various scenarios where employees are prone to violation of business ethics. All employees are required to sign a letter of commitment to business ethics compliance. In addition, the Audit Department, as the supreme department responsible for business ethics compliance, audits the Company' s compliance with the regulations on financial and business activities from time to time.

Business ethics regulations

Anti-corruption

Formulate the Anti-Corruption and Anti-Bribery Management Policy, and the Conflict of Interest and Integrity Policy, to strictly prohibit employees and partners from corruption and bribery, embezzlement, abuse of power and other misconducts, and to clarify the scope and content of the Company's anti-corruption audits.

Anti-fraud and
anti-money laundering

Actively promote and implement the anti-fraud and anti-money laundering policies, to strictly prohibit employees from any form of fraud and money laundering, and achieve zero occurrence of fraud and money laundering through policy instruction, training and education, audit announcement and other means.

Anti-unfair competition

Formulate the Anti-Unfair Competition Management Policy, to prohibit relevant departments of the Company and their employees from conducting confusion marketing, misleading marketing, collusive bidding and other ways to seek unfair benefits, and maintain the normal competition order in the market.

Conflict of interest

Formulate the Conflict of Interest and Integrity Policy, to specify the regulations for handling incidents related to conflict of interest, to avoid conflicts between personal interests and the Company's interests, and to protect the Company's interests from being impeded or compromised.

The Company occasionally audits the business ethics risk points in operations. The Company has formulated the Management Policy for the Self-Assessment of Business Ethics Risks, to improve the risk-oriented self-assessment mechanism for business ethics risks. The policy enables us to strengthen and regulate the self-assessment of business ethics risks and the self-assessment of the effectiveness of relevant risk control measures, ensuring timely identification and control of risk items.

During the Reporting Period

During the Reporting Period, the Company conducted business ethics self-assessment reviews, covering **100%** of its operating premises. Through the reviews, we identified **1** business ethics incident related to corruption and handled it in compliance with the Company's regulations. Our corruption and information security due diligence covered **100%** of new risky trading partners.

To promote the Company's honest, lawful and compliant operation as well as to provide business ethics guidelines for all employees, customers and partners of the Company, we conduct annual training on business ethics, organize the study and examination of business ethics policies and systems, and sign the letter of commitment to business ethics.

During the Reporting Period

The Company carried out **15** training sessions on business ethics for all employees including all senior management, with a total of **11,034** participants. The training sessions covered **100%** of the employees.

Whistleblower Protection

We encourage the Company's employees, suppliers, customers and other stakeholders to report on any suspected violation of laws and regulations or business ethics to the Audit Department. The Company has formulated the Whistleblowing Policy, which specifies the management requirements for reporting channels, reporting process, confidentiality and incentives for loss recovery. In addition, we have designated dedicated personnel in charge of complaints and reports, who are responsible for receiving information on whistleblowing and arranging the handling of The Reported cases based on the priority, ensuring that the complaints and reported cases are handled in a timely and effective manner.

SANY Renewable Energy 24/7 Business Ethics Reporting Channels



Email: znxx@sany.com.cn



Hotline: 15021189396

After the tip-off is confirmed authentic, the Audit Department will lead the investigation of the business ethics violation, with 100% of The Reported cases verified and handed. By doing so, we ensure that any verified violation will be handled seriously in accordance with the Company's Accountability Management Policy. The Company is committed to strictly keeping the whistleblower's information confidential, and prohibits retaliation or unfair treatment against the complainant. If any form of retaliation is found, it will be handled strictly in accordance with the laws and regulations in an effort to effectively safeguard the rights and interests of the whistleblower. During the Reporting Period, there were 3 business ethics related reports received and filed in the Company's report and complaint archives. All of The Reports were thoroughly investigated by the Audit Department, with relevant people involved in such violations held accountable and disclosed to the public.

Data Security and Privacy Protection

SANY Renewable Energy attaches great importance to information security and privacy protection. We strictly abide by the Data Security Law of the People's Republic of China, the Personal Information Protection Law of the People's Republic of China, the General Data Protection Regulation of the EU and other global privacy and data protection laws and regulations, maintaining the robust management of information and data security of the Company.

Information Security

The Company has formulated a string of management policies and systems, such as the Policy on Privacy Protection and Information Security, the Employee Information Security Management System, the System for Information Security Incident Handling and Emergency Management, the Third-Party Personnel Information Security Management System. Through these policies, we have established effective mechanisms for data risk prevention and information security management. The Company takes the Digitalization Department as the governing body for information security matters. In addition, the Company has also set performance indicators (KPIs) for the Digitalization Department and the information security personnel, including the number of violations, vulnerabilities and handling efficiency. The Company conducts a regular assessment based on these KPIs. Besides, we continuously improve the information security management mechanism and refine the information security management system. During the Reporting Period, the Company went through a third-party review of the information security management system, obtaining the ISO 27001 Information Security Management System Certification.

The Company's Digitalization Department regularly conducts internal reviews of information security in accordance with the regulations, and conducts information security vulnerability reviews through the information security operation platform. Then the Company carries out rectification and information security reinforcement, and handles and files various types of information security risk incidents based on the results of the reviews. During the Reporting Period, the Company identified and rectified 458 information security vulnerabilities and handled and filed 23 information security risk incidents through the internal review of information security. This strongly enhanced the Company's information security management capability. During the Reporting Period, the Company did not have any violation or lawsuit related to information security.

Through information security training, we continue to strengthen the awareness of our employees on information security and the professionalism of our information security engineers. In addition, we have formulated the Information Security Points Management Rules, which links employees' personal conduct points with their performance in information security and training, in a bid to implement information security training and management initiatives.

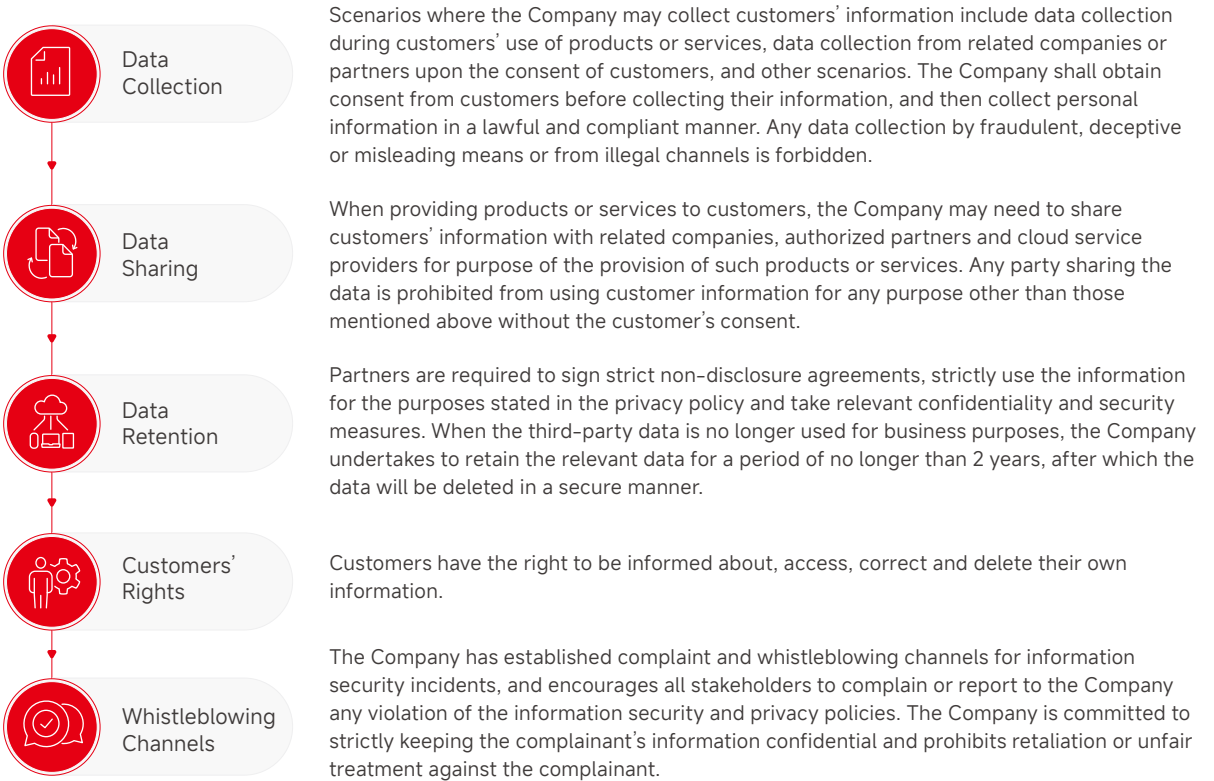
During the Reporting Period

The Company carried out **2** information security training sessions, with a total of approximately **2,400** employee participants.

Privacy Protection

SANY Renewable Energy resolutely safeguards the privacy of customers, employees and all other stakeholders. To this end, we strictly implement the Policy on Privacy Protection and Information Security, and carry out data lifecycle management. We have set up specific code of conduct for our employees and third-party personnel under various scenarios, covering the use of Company' s information, information processing and record retention period, handling of customer privacy, emergency response, and reporting of violations, to protect personal information and data security to the maximum extent. In 2024, the Company did not have any personal information leakage incident or complaint related to the infringement of personal privacy.

Data Lifecycle Management





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06

Community Responsibilities

Shouldering the social responsibility, SANY Renewable Energy sincerely gives back to communities and contribute to society. By leveraging our business characteristics and resource advantages, we engage in community building, public welfare and charity activities to achieve harmonious and common growth of the Company and society.

Sustainability Issues

Charity and Community Engagement

United Nationals Sustainable Development Goals (SDGs)



Community Engagement

SANY Renewable Energy actively supports the development of the regions where the Company operates, contributing to local economic growth. In economically underdeveloped areas, the Company invests in wind farms based on local conditions. We provide customized solutions for maximizing the utilization of natural resources, to ensure that the projects create both economic benefits and environmental value. The Company boosts the sustainable development of the regional economy through new energy transition, helping build liveable, harmonious and beautiful communities.

SANY Renewable Energy's Wind Farm Project

Case

Shenxianling Wind Farm

Shenxianling Wind Farm combines wind farm construction, environmental protection and community engagement. It is the first eco-smart wind farm in China, creating both ecological and economic benefits.

This project contributes more than RMB 7 million of tax revenue to the local government every year, while achieving remarkable results in ecological restoration. 49.88 hectares of land has been reclaimed, with the disturbed land treatment rate reaching 98.56%. 30 hectares of land has been treated for water and soil erosion, with a treatment rate of 98.57% in total. And 30 hectares of land was revegetated, with a vegetation restoration rate of 99.61%.

Case

Shuifa Longhai Wind Farm

Shuifa Longhai Wind Farm, jointly built by Shuifa Group and SANY Renewable Energy, is one of the first wind farms in China that adopts 5 MW wind turbines in batches. As an important part of the “Jinlin-to-Shandong Electricity Transmission Project,” it is listed as a key energy planning project under the “14th Five-Year Plan” of Shandong Province and Jilin Province.

The project plays a significant role in the construction of Jilin’s “On-Shore Farms of Wind and Photovoltaic Power” as well as in promoting Shandong’s clean energy transition. Since the project achieved full-capacity grid-connected power generation in May 2022, the Company’s 66 wind turbines have reached a utilization rate of 99.95%, generating about 800 million KWh of electricity annually, which can satisfy the power demand of more than 300,000 households for the production and living in Shandong Province.

Public Welfare and Charity

SANY Renewable Energy is always committed to shouldering corporate social responsibility. Adhering to the concept of “responsibility goes before performance”, we actively participate in public welfare initiatives. At the project development and design stage, the Company innovatively integrates the wind farm access with township infrastructure construction, and builds and upgrades roads for free, providing convenience for local residents.

Case

Shenxianling Wind Farm

During the construction of Suxian Liangtian Wind Power Project Phase II in Chenzhou, the Company upgraded 17.31 kilometers of roads, of which 9.39 kilometers are indispensable for the villagers’ daily travel, making villagers’ travel much easier. The project is carried out in line with the concept of green construction. We sowed grass seed across an area of 10 hectares, and hydroseeded an area of 14 hectares. By doing so, we planted a total of 40,000 trees and shrubs, and treated 36 hectares of land, effectively improving the local ecological environment.

Case

Shuifa Longhai Wind Farm

At the early construction stage of Shaodong Huangdiling Project, we transformed 12 kilometers of the original fire emergency access of the local town into the wind farm access. The transformation project was incorporated by the local government into the “Fifteenth Five-Year Plan” to enhance the fire prevention capacity of the township while promoting the development of the local tourism industry.

As an important equipment manufacturer of the country, SANY Renewable Energy always focuses on boosting the development of science education. We were awarded the title of “Beijing Changping Talent Resource Base for Technological Innovation Development”. The base was visited by 47 groups of primary and secondary school students in this year, with a total of more than 2,500 visitors. It helps cultivate more young people with the spirit of innovation and practical ability, contributing to the development of the education.

SANY Renewable Energy attaches great importance to maintaining good communication and interaction with local communities while encouraging employees to participate in public welfare initiatives. We endeavor to improve both the living environment and the quality of life of residents nearby, aiming to build a better community. The Company has participated in the “Run! Wind Power Man” charity run activity for many years, to extend our love through running. Meanwhile, we actively carry out disaster relief donations, educational donations, charity donations, rural revitalization donations and others. During the Reporting Period, the Company’s charitable donations totalled RMB 328,000.

Sustainability Indicators

Environmental Indicators

Indicator	Unit	2023	2024
Greenhouse Gas Emission Performance ⁵			
Scope 1 Emissions	Tonnes of CO ₂ Equivalent	21,489	12,703
Scope 2 Emissions – Market-Based	Tonnes of CO ₂ Equivalent	44,109	115,651
Scope 2 Emissions – Location-Based	Tonnes of CO ₂ Equivalent	46,279	120,240
Energy Consumption Performance ⁵			
Total Energy Consumption	MWh	168,394.77	244,652.47
Total Direct Energy Consumption	MWh	87,215.68	65,881.83
Renewable Energy Consumption (Solar and Wind Power from Own Sites)	MWh	12,942.10	12,084.07
Total Indirect Energy Consumption	MWh	81,179.08	178,770.64
Purchased Electricity	MWh	81,076.39	178,770.64
Purchased Green Electricity	MWh	3,804.58	11,721.10
Water Consumption and Wastewater Discharge Performance			
Total Water Withdrawal	m ³	504,252.32	419,341.34
From Municipal Water Supply	m ³	/	418,291.34
Other Sources	m ³	/	1,050.00
Total Wastewater Discharge	m ³	297,156.52	348,492.02
Emission Performance			
Sulfur Dioxide	Tonnes	0.20	0.25
Nitrogen Oxides	Tonnes	0.51	0.31
Particulate Matter	Tonnes	36.11	62.00
VOC Emissions	Tonnes	20,732.40	15,713.24

5. The Company’s GHG emissions and energy performance indicators shall be based on the data disclosed in the Annual Climate Action White Paper.

Environmental Indicators

Indicator	Unit	2023	2024
Waste Performance			
Total Hazardous Waste	Tonnes	1,171.15	1,622.23
Hazardous Waste Treated by Third Parties	Tonnes	/	1,622.23
Total Non-Hazardous Waste	Tonnes	18,250.96	27,953.66
Disposed by Third-Party Recycling	Tonnes	/	26,399.16
Disposed by Incineration		/	1,554.50
Packaging Material Performance			
Total Packaging Materials Recycled by Third Parties	Tonnes	/	13.1

Social Indicators

Indicator	Unit	2023	2024
Workforce			
Total employees	Person	5,721	6,330
Number of employees by gender			
Male	Person	5,181	5,750
Female	Person	540	580
Number of employees by age group			
Aged 30 and below	Person	2,403	2,471
Aged 30 to 50	Person	3,235	3,789
Aged 50 and above	Person	83	70
Number of employees by job level			
Senior management	Person	54	71

Social Indicators

Indicator	Unit	2023	2024
Middle management	Person	893	1,053
Junior staff	Person	4,774	5,206
Number of employees by region			
China	Person	/	5,571
Other countries and regions	Person	/	759
Number of employees by nationality			
Chinese (including Hong Kong, Macao and Taiwan)	Person	/	6,253
Indian	Person	/	39
German	Person	/	11
Other nationalities	Person	/	27
Newly recruited employees			
Number of new employees	Person	2,346	2,380
Percentage of internal recruitment ⁶	%	/	14.30
Number of new employees by gender			
Male	Person	2,124	2,168
Female	Person	222	212
Number of new employees by age			
Aged 30 and below	Person	1,224	1,075
Aged 30 to 50	Person	1,109	1,293
Aged 50 and above	Person	13	12
Number of new employees by region			
China	Person	2,270	2,103
Other countries and regions	Person	76	277

6. Percentage of internal recruitment= (Number of positions successfully filled through internal competition / Number of positions published annually) × 100%

7. Employee turnover rate = (Number of left employees of this type) / (Number of employees at the beginning of the period + Number of employees at the end of the period) × 100%

Social Indicators

Indicator	Unit	2023	2024
Employee Turnover Rate ⁷			
Total turnover rate	%	27.27	25.62
Voluntary turnover rate	%	/	23.82
Employee turnover rate by gender			
Male	%	24.70	26.09
Female	%	2.57	20.55
Employee turnover rate by region			
China	%	27.25	27.96
Other countries and regions	%	0.02	2.32
Workforce Diversity			
Number of employees with disabilities	Person	46	58
Percentage of female senior managers	%	1.85	4.23
Percentage of female managers	%	/	1.42
Percentage of female managers in revenue generating departments	%	/	10.47
Percentage of female employees in STEM departments	%	/	13.94
Percentage of minority groups and/or disadvantaged groups senior managers	%	/	11.27
Employee Performance and Compensation			
Unadjusted average gender pay gap (percentage of the average total hourly wage of female employees to that of male employees)	%	94.41	101.47
Percentage of employees receiving regular performance and career development reviews	%	/	100
Percentage of the annual total remuneration of the highest paid person to the median remuneration of other employees	%	/	6198
Labor Management and Rights			
Incidents of child labor	Case	0	0

Social Indicators

Indicator	Unit	2023	2024
Incidents of forced labor	Case	0	0
Incidents of Harassment	Case	0	0
Incidents of Discrimination	Case	0	0
Percentage of workplaces reviewed for human rights risks or assessed for human rights impact	%	100	100
Formal employees labor contract signing rate	%	100	100
Formal employees social insurance coverage rate	%	100	100
Employee satisfaction survey score	Point	/	84.7
Percentage of employees who are “very engaged/satisfied”	%	/	73.65
Percentage of duly elected employee representatives or employees covered by collective agreements	%	/	100
Employee Training*			
Training coverage	%	100	100
Training hours	Hour	600,191	826,552
Training investment	RMB 10,000	245.20	410.55
Average training hours of employees by gender			
Male	Hour	104.8	83.6
Female	Hour	106.0	86.7
Average training hours of employees by position			
Senior management	Hour	102.1	94.4
Middle management	Hour	103.2	93.2
Junior staff	Hour	105.3	82.4

8. The total and average training hours for employees include data from annual departing employees.

Social Indicators

Indicator	Unit	2023	2024
Percentage of employees receiving skill training	%	/	100
Occupational Health and Safety			
Lost time injury frequency rate (LTIFR)	Incidents per million working hours	/	0.31
Number of work injuries	Time	3	4
Number of days lost due to work injury	Day	414	334.5
Number of work-related fatalities	Person	0	0
New occupational diseases	Case	0	0
Percentage of workplaces assessed for employee health and safety risk	%	100	100
Percentage of premises with ISO 45001 certification	%	100	100
Charitable Activity Engagement			
Total amount of charitable donation	RMB 10,000	6	37.8

Governance and Economic Indicators

Indicator	Unit	2023	2024
Operating Performance			
Total assets	RMB Million	33,376	41,403
Revenue	RMB Million	14,939	17,792
Net profit attributable to the parent company	RMB Million	2,007	1,812
Innovative R&D			
R&D investment	RMB Million	872	777
Percentage of R&D expenditure to revenue	%	5.83	4.37
Number of R&D personnel	Person	853	752
Percentage of R&D personnel	%	14.91	11.88

Governance and Economic Indicators

Indicator	Unit	2023	2024
Total number of patents	Number	796	905
Number of innovation patents	Number	207	240
Number of utility model patents	Number	584	655
Number of design patents	Number	5	10
Number of software copyrights	Number	215	295
Supply Chain			
Number of Tier-1 suppliers ⁹	#	255	248
Number of key suppliers	#	/	121
Number of diverse suppliers	#	/	25
Percentage of purchase amount from key suppliers	%	/	67.10
Percentage of suppliers undergone CSR assessments (including self-assessment questionnaires and on-site audits) based on procurement expenditure	%	/	80
Percentage of suppliers that have undergone on-site CSR audits based on procurement expenditure.	%	/	78
Number of suppliers eliminated due to failure of sustainability assessment	#	/	0
Percentage of suppliers signing the Supplier Code of Conduct	%	92	98.80
Percentage of suppliers signing integrity agreements	%	/	98.80
Percentage of suppliers signing contracts that include environmental, labor and human rights clauses	%	/	98.80
Percentage of procurement officers trained in sustainable procurement	%	100	100
Percentage of suppliers trained in sustainable procurement	%	/	100
Percentage of suppliers whose information on conflict minerals is available	%	/	86
Percentage of suppliers obtaining ISO 9001 certification	%	/	100
Number of suppliers obtaining external social responsibility certificates such as SA 8000 or ISO 26000 ¹⁰	#	/	40

9. For the number of Tier-1 suppliers, the statistics only include production (material) suppliers.

10. For the number of suppliers obtaining external social responsibility certificates such as SA 8000 or ISO 26000, the statistics only include production (material) suppliers.

Governance and Economic Indicators

Indicator	Unit	2023	2024
Product Responsibility			
Number of customer complaints	Case	49	362
Customer complaint handling rate	%	100	99.70
Number of product recalls	Case	0	0
Customer satisfaction (percentage basis)	Point	95.70	96.70
Business Ethics			
Number of employees trained in business ethics	Person	1,302	6,330
Percentage of employees trained in business ethics	%	22.40	100
Number of complaints received and filed	Case	6	3
Number of business ethics litigations	Case	1	1
Number of compliance audits	Time	32	33
Percentage of premises internally audited/assessed for business ethics issues and risks	%	100	100
Number of litigations or major administrative penalties resulting from unfair competition	Case	/	0
Amount of money involved in litigations or major administrative penalties resulting from unfair competition	RMB	/	0
Percentage of risky trading partners covered by corruption and information security due diligence processes	%	/	100
Corporate Governance			
Number of directors	Person	7	9
Number of independent directors	Person	3	3
Number of female directors	Person	1	1

SSE Index Table

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

Dimension	Issues Covered	Material Issues	Corresponding Chapter in The Report
Environmental	Response to climate change	Response to climate change Opportunity from clean technologies	Response to Climate Change Sustainability Highlights
	Emissions of pollutants	Emission and waste management	Green Operation Sustainability Highlights
	Waste treatment		Green Operation Sustainability Highlights
	Ecosystem and biodiversity protection	Biodiversity protection	Green Operation Sustainability Highlights
	Environmental compliance management	Environmental compliance management	Environmental Management Sustainability Highlights
	Energy utilization	Energy management	Green Operation Sustainability Highlights
	Water resources utilization	Water resource management	Green Operation Sustainability Highlights
	Circular economy	Product lifecycle management	Environmental Management Throughout Product Lifecycle Sustainability Highlights
Social	Rural revitalization	Charity and community engagement	Community Engagement
	Social contribution		Public Welfare and Charity
	Innovation-driven	R&D and Innovation	R&D and Innovation
	Technology ethics	/	/
	Supply chain security	Sustainable supply chain	Sustainable supply chain
	Equal treatment of small and medium-sized enterprises		
	Safety and quality of products and services	Safety and quality of products and services	Product Quality Management Customer Service
	Data security and privacy protection	Data security and privacy protection	Data Security and Privacy Protection
	Employees	Equality and diversity Protection of labor and Human Rights Human capital development Occupational health and safety	Labor Rights Employment Development Occupational Health and Safety
Sustainability	Due diligence	Sustainable governance	Compliance and Risk Management
	Communication with stakeholders		Stakeholder Engagement Sustainability Cooperation and Engagement
	Anti-bribery and corruption	Business ethics	Business ethics
	Anti- unfair competition		

GRI Index Table

- Instructions for Use: SANY Renewable Energy has reported information referenced in this GRI content index in accordance with GRI standards from January 1, 2024, to December 31, 2024
- GRI Used: GRI 1: Foundation 2021

Disclosure Issues/Items	Disclosure Items	Chapter Index
GRI2: General Disclosures		
2-1	Detailed Information of the Organization	About SANY Renewable Energy
2-2	Entities Included in the Organization's Sustainability Report	About This Report
2-3	Reporting Period, Frequency, and Contact Person	About This Report
2-4	Restatement of information	provided in the corresponding sections of the report
2-5	External Assurance	Independent Third-Party Assurance Report
2-6	Activities, Value Chain, and Other Business Relationships	About SANY Renewable Energy Sustainable Supply Chain
2-7	Employees	Labor Rights
2-8	Workers Outside of Employment	Occupational Health and Safety
2-9	Governance Structure and Composition	Corporate Governance
2-10	Nomination and Selection of the Highest Governance Body	Corporate Governance
2-11	Chair of the Highest Governance Body	Corporate Governance
2-12	Oversight Role of the Highest Governance Body in Managing Impact	Corporate Governance
2-13	Authorization for Managing Impact	Corporate Governance
2-14	Role of the Highest Governance Body in Sustainability Reporting	Sustainability Approach
2-15	Conflict of Interest	Corporate Governance
2-16	Communication on Important Concerns	Sustainability Approach Corporate Governance
2-17	Collective Knowledge of the Highest Governance Body	Sustainability Approach Corporate Governance
2-18	Evaluation of the performance of the highest governance body	Corporate Governance Labor Rights
2-19	Compensation Policy	Labor Rights
2-20	Process for Determining Compensation	Labor Rights
2-21	Annual total compensation ratio	Labor Rights
2-22	Declaration of Sustainable Development Strategy	Sustainability Approach


Disclosure Issues/Items	Disclosure Items	Chapter Index
GRI2: General Disclosures		
2-23	Policy Commitments	Sustainability Approach Response to Climate Change Business Ethics
2-24	Integration of Policy Commitments	Sustainability Approach
2-25	Procedures for Remediating Negative Impacts	Sustainability Approach
2-26	Mechanisms for Seeking Advice and Raising Concerns	Corporate Governance Labor Rights
2-27	Compliance with Laws and Regulations	Compliance and Risk Management Business Ethics
2-28	Membership in Associations	Sustainability Approach
2-29	Methods for Stakeholder Engagement	Sustainability Approach
2-30	Collective Bargaining Agreement	Labor Rights
GRI3: Material Topics		
3-1	Process for Determining Material Topics	Sustainability Approach
3-2	List of Material Topics	Sustainability Approach
3-3	Management of Material Topics	Sustainability Approach
GRI201: Economic Performance		
201-1	Directly Generated and Distributed Economic Value	Sustainability Approach
201-2	Financial Impacts of Climate Change and Other Risks and Opportunities	Response to Climate Change
201-3	Obligatory Defined Benefit Plans and Other Retirement Plans	Labor Rights
GRI202: Market Presence		
202-1	Ratios of standard entry-level wage by gender compared to local minimum wage	Labor Rights
202-2	Proportion of senior management hired from the local community	/
GRI203: Indirect Economic Impacts		
203-1	Infrastructure Investment and Support Services	Community Engagement Public Welfare and Charity
203-2	Significant Indirect Economic Impacts	Community Engagement
GRI204: Procurement Practices		
204-1	Proportion of Spending on Local Suppliers	Sustainable Supply Chain
GRI205: Anti-Corruption		
205-1	Operations Assessed for Corruption Risks	Business Ethics

Disclosure Issues/Items	Disclosure Items	Chapter Index
205-2	Communication and Training on Anti-Corruption Policies and Procedures	Business Ethics
205-3	Confirmed Incidents of Corruption and Actions Taken	Business Ethics
GRI206: Anti-Competitive Behavior		
206-1	Legal Actions for Anti-Competitive Behavior, Antitrust, and Anti-Monopoly Practices	Business Ethics
GRI301: Materials		
301-1	Weight or volume of the material used	Environmental Management Throughout Product Lifecycle Green Operation
301-3	Recycled Products and Packaging Materials	Environmental Management Throughout Product Lifecycle
GRI302: Energy		
302-1	Energy Consumption within the Organization	Green Operation
302-3	Energy Intensity	Green Operation
302-4	Reduction of Energy Consumption	Green Operation
302-5	Reducing Energy Demand of Products and Services	Green Operation
GRI303: Water and Effluents		
303-1	Organization's Interaction with Water (as a Shared Resource)	Green Operation
303-2	Management of Impacts Related to Drainage	Green Operation
303-3	Water Withdrawal	Green Operation
303-4	Drainage	Green Operation
303-5	Water Consumption	Green Operation
GRI304: Biodiversity		
304-2	Significant Impacts of Activities, Products, and Services on Biodiversity	Green Operation
304-3	Protected or Restored Habitats	Green Operation
GRI305: Emissions		
305-1	Direct (Scope 1) Greenhouse Gas Emissions	Response to Climate Change
305-2	Energy Indirect (Scope 2) Greenhouse Gas Emissions	Response to Climate Change
305-3	Other Indirect (Scope 3) Greenhouse Gas Emissions	Response to Climate Change
305-4	Greenhouse Gas Emission Intensity	Response to Climate Change
305-5	Greenhouse Gas Reductions	Response to Climate Change
305-7	Nitrogen Oxides (NOX), Sulfur Oxides (SOX), and Other Significant Gas Emissions	Green Operation

Disclosure Issues/Items	Disclosure Items	Chapter Index
GRI306: Waste		
306-1	Generation of Waste and Significant Impacts Related to Waste	Green Operation
306-2	Management of Significant Impacts Related to Waste	Green Operation
306-3	Waste Generated	Green Operation
306-4	Waste Diverted from Disposal	Green Operation
306-5	Waste Sent to Disposal	Green Operation
GRI308: Supplier Environmental Assessment		
308-1	New Suppliers Screened Using Environmental Criteria	Sustainable Supply Chain
308-2	Negative Environmental Impacts of the Supply Chain and Actions Taken	Sustainable Supply Chain
GRI401: Employment		
401-1	New Employee Hiring and Employee Turnover	Labor Rights Employee Development
401-2	Benefits Provided to Full-Time Employees (Excluding Temporary or Part-Time Employees)	Labor Rights
401-3	Parental Leave	Labor Rights
GRI402: Labor/Management Relations		
402-1	Minimum notice periods regarding operational changes	Labor Rights
GRI403: Occupational Health and Safety		
403-1	Occupational Health and Safety Management System	Occupational Health and Safety
403-2	Hazard Identification, Risk Assessment, and Incident Investigation	Occupational Health and Safety
403-3	Occupational Health Services	Occupational Health and Safety
403-4	Occupational Health and Safety Matters: Worker Participation, Consultation, and Communication	Occupational Health and Safety
403-5	Worker Training on Occupational Health and Safety	Occupational Health and Safety
403-6	Promoting Worker Health	Occupational Health and Safety
403-7	Prevention and Mitigation of Occupational Health and Safety Impacts Directly Related to Business Relations	Occupational Health and Safety
403-8	Workers Applicable to Occupational Health and Safety Management System	Occupational Health and Safety
403-9	Work-related Injuries	Occupational Health and Safety
403-10	Work-related Health Issues	Occupational Health and Safety
GRI404: Training and Education		
404-1	Average Annual Training Hours per Employee	Employee Development
404-2	Employee Skill Enhancement Programs and Transition Assistance Programs	Employee Development

Disclosure Issues/Items	Disclosure Items	Chapter Index
404-3	Percentage of Employees Undergoing Regular Performance and Career Development Reviews	Employee Development
GRI405: Diversity and Equal Opportunity		
405-1	Diversity of Governance Bodies and Employees	Corporate Governance Labor Rights
GRI406: Anti-discrimination		
406-1	Discrimination Incidents and Corrective Actions Taken	Labor Rights
GRI408: Child Labor		
408-1	Operations and Suppliers with Significant Child Labor Risk	Labor Rights
GRI409: Forced or Compulsory Labor		
409-1	Operations and suppliers with significant risk of forced or compulsory labor events	Labor Rights
GRI410: Security Practices		
410-1	Security personnel trained in human rights policies or procedures	Labor Rights
GRI411: Rights of Indigenous Peoples		
411-1	Incidents of violations involving rights of indigenous peoples	Not applicable, operational activities do not involve infringement of indigenous people's rights.
GRI413: Local Communities		
413-1	Operations with local community engagement, impact assessment, and development plans	Community Engagement Public Welfare and Charity
413-2	Operations with significant actual and potential negative impacts on local communities	Community Engagement
GRI414: Supplier Social Assessment		
414-1	New suppliers screened using social criteria	Sustainable Supply Chain
414-2	Negative social impacts of the supply chain and actions taken	Sustainable Supply Chain
GRI415: Public Policy		
415-1	Political contributions	NA
GRI416: Customer Health and Safety		
416-2	Incidents of non-compliance with health and safety impacts related to products and services	Product Quality Management
GRI417: Marketing and Labeling		
417-1	Requirements for product and service information and labeling	Customer Service
417-3	Incidents of non-compliance related to marketing	Customer Service
GRI418: Customer Privacy		
418-1	Confirmed complaints related to customer privacy breaches and loss of customer data	Data Security and Privacy Protection

Independent Third-Party Assurance Report



ASSURANCE STATEMENT

CN25/00002495

SGS-CSTC’S REPORT ON SUSTAINABILITY ACTIVITIES IN SANY RENEWABLE ENERGY CO., LTD.’S ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT FOR 2024

NATURE OF THE ASSURANCE/VERIFICATION

SGS-CSTC STANDARDS TECHNICAL SERVICES CO., LTD. (hereinafter referred to as SGS) was commissioned by SANY Renewable Energy Co., Ltd. (hereinafter referred to as SANY Renewable Energy) to conduct an independent assurance of the Chinese version of *Environmental, Social And Governance Report For 2024* (hereinafter referred to as the Report) for the period of January 1, 2024 to December 31, 2024.

INTENDED USERS OF THIS ASSURANCE STATEMENT

This Assurance Statement is provided with the intention of informing all SANY Renewable Energy’s Stakeholders.

RESPONSIBILITIES

The sustainability information in the Report and its presentation are the responsibility of the ESG governing body and the management of SANY Renewable Energy. SGS has not been involved in the preparation of any of the material included in the Report.

Our responsibility is to express an opinion on the text, data, graphs and statements within the scope of assurance based upon sufficient and appropriate objective evidence.

SGS hereby states that it shall not be held responsible or liable for any direct, indirect, incidental, or consequential damages or losses arising from or in connection with the use of information provided in this report.

ASSURANCE STANDARDS, TYPE AND LEVEL OF ASSURANCE

The assurance of this report has been conducted according to the AA1000 Assurance Standard (AA1000AS v3) , a standard used globally to provide assurance on sustainability-related information across organizations of all types, including the evaluation of the nature and extent to which an organization adheres to the AccountAbility Principles (AA1000AP,2018).

Assurance has been conducted at a moderate level of scrutiny, type 2.

SCOPE OF ASSURANCE

The scope of the assurance included evaluation of quality, accuracy and reliability of the Report and evaluation of adherence to the following reporting criteria:

Reporting Criteria Options
AA1000 Accountability Principles (2018)
GRI Standards 2021 (With Reference to)

ASSURANCE METHODOLOGY

The assurance comprised a combination of pre-assurance research, interviews with relevant employees on-site at Sany Industrial Park, No.8 Beiqing Road, Changping District, Beijing, P.R. China; and online review and validation of documentation and records with relevant personnel of SANY Renewable Energy's affiliates where relevant.

LIMITATIONS AND MITIGATION

Data drawn directly from independently audited financial accounts and intensity data calculated based on financial data has not been checked back to source as part of this assurance process.

The greenhouse gas emission related data in the Report has been directly adopted from the independent third party verification data and has not been double verified in this audit.

This assurance engagement was restricted to the group level of SANY Renewable Energy and did not include traceability of original data from all subsidiaries.

STATEMENT OF INDEPENDENCE AND COMPETENCE

The SGS Group of companies is the world leader in inspection, testing and certification, operating in multiple countries and providing services. SGS affirm our independence from SANY Renewable Energy, being free from bias and conflicts of interest with the organisation, its subsidiaries and stakeholders.

The assurance team was assembled based on their knowledge, experience and qualifications for this assignment.

FINDINGS AND CONCLUSIONS

ASSURANCE/VERIFICATION OPINION

On the basis of the methodology described and the assurance engagement performed, the specified performance information included in the scope of assurance is accurate, reliable, and has been fairly stated.

The Report conforms to the four principles of the AA1000AP v3 to the following extent:

ADHERENCE TO AA1000 ACCOUNTABILITY PRINCIPLES (2018)

INCLUSIVITY

The Report has identified the organization’s stakeholders, collected their expectations and concerns, established methods for stakeholder communication and engagement, and undertaken various forms of dialogue and interaction with them.

MATERIALITY

The Report has reasonably disclosed significant issues and indicators that materially affect stakeholder evaluations and decisions, reflecting the organization’s most significant impacts on economic, environmental, and social matters based on the concerns raised by relevant stakeholders.

RESPONSIVENESS

The Report has demonstrated the established channels for stakeholder interaction and has fully addressed stakeholder concerns and expectations. Additionally, it has provided transparent responses on material issues to an appropriate extent.

IMPACT

The Report has provided an account of the monitoring and measurement of the principal activities' impacts concerning environmental, social, and governance (ESG) issues.

CONCLUSIONS BASED ON *GRI STANDARDS 2021*

The assurance team concludes that the Report has referred to the requirements of *GRI Standards 2021*.

Signed:



For and on behalf of SGS-CSTC

David Xin
Sr. Director – Business Assurance
16/F Century Yuhui Mansion, No. 73, Fucheng Road, Beijing, P.R. China

Apr. 17th, 2025
WWW.SGS.COM



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