

GOODWE

2022

GOODWE
TECHNOLOGIES CO., LTD.

SOCIAL RESPONSIBILITY REPORT



Contents

About This Report	01
Chairman's Message	02
About GoodWe	03

01 Responsible WE Future: Corporate Governance

Governance Framework	09
Compliance Management	10
Stakeholder Engagement	12

02 Innovative WE Future: Product Innovation

Strengthening R&D Innovation	16
Strengthening Quality Management	21
Accelerating the Integration of Informatization and Industrialization	23

03 Low-Carbon WE Future: Environmental Management

Fulfill Environmental Management Responsibilities	25
Promoting Energy Conservation and Emission Reduction	27
Practicing Green Business	31

04 Better WE Future: Win-Win Partnerships

Enhancing the Level of Customer Service	33
Promoting Industrial Common Development and Win-Win Cooperation	36
Building a Sustainable Supply Chain	39

05 Collaborative WE Future: Talent Gathering

Protecting the Legitimate Rights and Interests of Employees	42
Promoting Employee's Career Development	44
Safeguarding Employee Health and Safety	46
Focusing on Humanistic Care	48

06 Beneficial WE Future: Community Empowerment

Dedicated to Social Public Welfare	51
Promoting Common Prosperity in Rural Areas	53
Advocating the Concept of Green and Energy-Saving	54

Appendix

Quantitative Data Table	55
GRI Standards Index	58
Glossary	61
Feedback Form	62



About This Report

This report is the second environmental, social and governance (ESG) report released by GoodWe Technologies Co., Ltd. Under the principles of objectivity, transparency, and comprehensiveness, it discloses in detail GoodWe Technologies Co., Ltd.'s sustainability practice and achievements, focusing on topics of stakeholders' concerns.

Preparation basis

This report is prepared according to the *Rules Governing the Listing of Stocks on Shanghai Stock Exchange (February 2023 Revision)*, the *Rules for the Listing of Stocks on the Science and Technology Innovation Board of Shanghai Stock Exchange*, the *Self-regulatory Guidelines for Companies Listed on Shanghai Stock Exchange No. 2: Voluntary Disclosure*, and the *Guidelines Regarding Environmental, Social, and Corporate Governance Disclosure for Companies Listed on Shanghai Stock Exchange (Consultation Paper)*. It also extensively refers to the *Sustainability Reporting Standards* of the Global Reporting Initiative and the *Chinese CSR Report Preparation Guide 5.0 (CASS-CSR 5.0)*. This report also draws on the topics of ESG ratings that are being monitored by MSCI (Morgan Stanley Capital International), a leading global rating agency, and references the United Nations' 2030 Sustainable Development Goals (SDGs), combining them with the current development status of GoodWe Technologies Co., Ltd.

Reporting period

From January 1 to December 31, 2022 (the "reporting period"). Some of the content may trace back to previous years or extend to 2023 as appropriate.

Reporting scope

The report takes GoodWe Technologies Co., Ltd. as the subject and includes all its subsidiaries within the scope of its consolidated financial statements.

References

For the convenience of presenting and reading, "GoodWe Technologies Co., Ltd." is referred to as "GoodWe," the "Company," and "we/us" in this report. As business subjects, GoodWe's branches and subsidiaries are referred to with their abbreviation.

Languages

This report is published in simplified Chinese and English. In the event of ambiguity between the two versions, the simplified Chinese version shall prevail.

Confirmation and approval

Upon confirmation by the management, this report is approved by the Board of Directors and released on April 25, 2023.

Access

This report comes in simplified Chinese and English for readers. For online browsing or downloading this report, please visit GoodWe's official website (www.goodwe.com) or Shanghai Stock Exchange's website (www.sse.com.cn).

We value the opinions of our stakeholders. Please feel free to contact us in the following ways. Your comments will help us further improve this report and our social responsibility management.

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Chairman's Message

The year 2022 marks a year of inheritance and innovation of the 14th Five-Year Plan. While actively stabilizing its economic operations, China has spared no effort to promote sustainable development and implement sustainable development strategies that will enable a comprehensive green transformation of economic and social development. In light of this, GoodWe remains committed to its mission of being “a firm driving global energy transformation, creating a sustainable future for the earth, humanity, and future generations, and safeguarding green waters, blue skies, and beautiful mountains and rivers.” We will continue to deepen our involvement in sustainable development.

Compliance in Action for Steady and Sustainable Growth

We are committed to integrating the ESG (environmental, social, and governance) concept into the Company's development strategy and production operation. We follow a sustainable development strategy and deeply practice corporate environmental, social, and corporate governance responsibility. Looking back on 2022, we continuously improved the corporate governance structure, continuously pushed for the fusion of industrialization and informatization, strengthened the development of our compliance management system, regularly engaged with stakeholders, held meetings to discuss pertinent issues, improved the organizational structure and development direction of the Company, and increased our competitiveness and capacity for sustainable development. In 2022, the Company achieved RMB 4.71 billion in revenue and became the third-largest global energy storage inverter supplier, obtaining overseas market certifications and product reliability certifications from institutions such as SGS, CSA, KTC North America, Japan, and South Korea.

Upholding Tradition and Driving Innovation to Foster Development

GoodWe has been dedicated to the core technologies of PV inverters for over twelve years. We continuously iterate

and upgrade our products through innovation-driven development, releasing efficient, safe, stable, reliable, and intelligent PV inverters that cater to different market needs in various countries. GoodWe has raised the bar for its PV inverter products in response to the explosive growth of distributed PV, setting new technological requirements. We increased our investment in the energy storage sector in 2022, focusing on the research and development of a series of new products that enable various energy storage application scenarios, thereby accelerating the construction of a new power system.

Building the PV Dream and Shaping a Zero-Carbon City

We have stayed true to our development vision of “Driving the World's Smart Energy Future” and are committed to new energy generation and power supply equipment. As a result, a smart energy management system and a regional smart energy comprehensive operation and management ecosystem have been established, centered on value-added energy services like smart PV power plant development and construction, energy efficiency management, and optimization. We offer comprehensive clean energy solutions for public buildings, businesses, and end users. Through our smart energy management platform, we actively implement national “carbon peaking and carbon neutrality” goals and focus on management, operation, power dispatch, green energy trading, and virtual power plants for distributed PV. This effectively uses the rooftop resources of public buildings such as government agencies, schools, and hospitals to collect urban power plant clusters, fully mobilize urban green energy resources, and promote urban energy-saving and carbon-reduction efforts, as well as energy planning via digital and intelligent city energy management. We collaborated in 2022 to reduce carbon emissions, pollution, and increase greenery growth in order to fully enter the fast lane of green and low-carbon development.

Forging Ahead with Openness and Win-Win Cooperation

As a responsible corporation, GoodWe shoulders its social responsibility, practices corporate citizenship, and is committed to fostering a greener future. It continues to deepen communication and exchanges with internal and external stakeholders such as employees, suppliers, and customers while creating a green environment. The Company continuously optimizes its internal management, improves product and service quality, focuses on employee development, practices responsible procurement, and empowers social welfare and rural development based on their suggestions and expectations. It consolidates its efforts toward sustainable development with various stakeholders, maintaining a steady course toward success. In 2022, we continued to build a professional and effective talent training system, a diverse and equal talent development platform, and an inclusive and harmonious work environment in order to achieve talent and Company growth together. We have donated a total of RMB 4.71 million for public welfare, invested over RMB one million in the construction of PV power stations for impoverished families, and actively responded to the national Whole-county PV Strategy and rural revitalization strategic plan through the “PV+” model, helping China achieve its ultimate goal of zero-carbon rural areas.

With PV inverters at its core, GoodWe is a full-service solution provider that is constantly pushing the market toward advancements in high-quality design. We currently take corporate responsibility, actively promote our Company's values and self-assurance, hold fast to our convictions, and move forward resolutely. We will keep strengthening our foundation in the ESG field and putting national sustainable development policies into action. Looking ahead, we will bravely forge ahead, ride the winds and waves, and work to establish ourselves as a leading enterprise in the PV inverter and energy storage sectors.

About GoodWe

Company Profile

GoodWe Technologies Co., Ltd. (SSE STAR Market: 688390), established in 2010, is a high-tech enterprise headquartered in Suzhou New District, with subsidiaries in Germany, the United Kingdom, Australia, the Netherlands, South Korea, Japan, the United States, Poland, Spain, Singapore, and other countries and regions. Our main business products include grid-connected PV inverters, energy storage PV inverters, smart data collectors, and Smart Energy Management System (SEMS). We feature renewable energy conversion, energy storage conversion, and energy management, focus on reducing power costs and improving power efficiency. In 2020, GoodWe became the first PV inverter and smart energy solution company to be listed on the Shanghai Stock Exchange's Science and Technology Innovation Board (STAR Market).

GoodWe is dedicated to the R&D, production, and sales of new energy power and power supply equipment such as solar energy and energy storage. We have launched more than 20 series of grid-connected and energy storage PV inverter products, with a power range from 0.7 to 250 kW. Moreover, we are committed to providing overall solutions for residential, industrial, and commercial users, and utility-scale projects. Our products are sold on a large scale throughout China and in more than 100 countries and regions. The Company's residential energy storage inverter shipments ranked first in 2019. In 2021, GoodWe ranked among the top six global PV inverter suppliers, and in 2022, it ranked among the top three global energy storage inverter suppliers.

GoodWe is widely acclaimed both at home and abroad for its consistent and reliable product

quality and has received numerous awards. From 2015 to 2021, we won the TÜV Rheinland "All Quality Matters" Award for seven consecutive years. From 2017 to 2021, GoodWe has won the Top Inverter Brand Award from EuPD for five consecutive years. In 2019, GoodWe was ranked as the NO.1 Global Hybrid Inverter Supplier by *Wood Mackenzie*. In 2022, GoodWe has been awarded a Silver Medal by EcoVadis, the world's most-trusted provider of business sustainability ratings, as a recognition to its strong ESG performance. We won the title of Best Employer in Suzhou 2022 for six consecutive years. Moreover, GoodWe obtained overseas market certifications and product reliability certifications from SGS, CSA, and KTC organizations in North America, Japan, and South Korea, including North American certifications such as UL 1741, UL 9540, IEEE 2030.5 testing, and GW120K-HT smart inverter certification testing, as well as the KSGA-025-15-1 standard. With high-quality products, a good corporate reputation, and a professional team of employees, GoodWe has established long-term partnerships with many companies, including CHN ENERGY, POWERCHINA, CHINA ENERGY ENGINEERING CORPORATION LIMITED, and Trinasolar. This has led to a significant increase in global sales revenue for the Company.

GoodWe continues to develop its global strategic layout by establishing R&D centers, production bases, customer service centers, and overseas bonded warehouses in multiple locations, including Suzhou, Shenzhen, Nanjing, India, Turkey, Brazil, Mexico, the United States, and Japan. The Company continuously enriches and improves its PV inverter product portfolio while also deepening its expertise in related

energy storage technologies. To maintain its leading position in the global energy storage market, the Company continues to innovate and enhance the depth and breadth of its product offerings. It achieves this by vertically improving its technologies and horizontally expanding its product lines, to comprehensively cover all types of product requirements. In addition, the Company employs the Internet of Things (IoT) technology, combined with big data and cloud computing, to achieve an integrated service model for smart management. GoodWe considers technological innovation a key brand pillar, and so both its new logo and the accompanying brand slogan "Smart Energy Innovator" were rebranded to bring out this high-tech identity. The new logo has been officially launched on January 7, 2022. Following that, new product designs will incorporate the new logo, highlighting the innovative brand identity behind the products. The incorporation of the new logo also reflects our commitment to innovation and sustainability. As a major driving force in the global energy transition, we will join hands with power grids, communities, and customers to drive the world's smart energy future!

As of the end of 2022,
the total number of
employees in the
company was more than

3,000

including over

800 R&D personnel

and nearly

100 overseas employees



Corporate Culture

Mission

We are determined to become a major driving force in the global energy transition, building a sustainable future.

Vision

Driving the World's Smart Energy Future

Values



Customer-centric, hard-worker-prioritized, and persevering



Believe in mindfulness and perseverance



Truth-seeking, practical, professional, and reliable



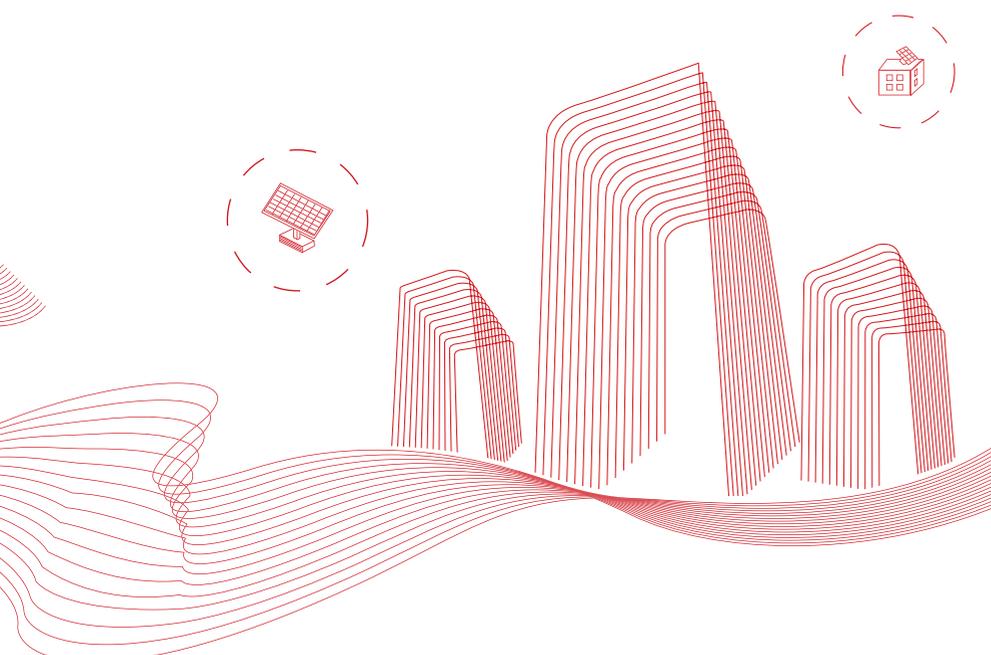
Smart, optimistic, resilient, introspective, and self-disciplined



Respect, collaborate, and share



All for one and one for all



2022 Highlighted Events

January 2022

- Groundbreaking ceremony for the R&D building
- China Industry-University-Research Cooperation Innovation and Promotion Award - Award for Industry-University-Research Cooperation Innovation Achievements
- GoodWe's high-speed rail station advertisements were released, covering Beijing, Jinan, Shanghai, and Hangzhou
- Ten-star certification for the completeness of after-sales service system
- Global Brand Renewal Conference, launch of GoodWe IP2.0
- Signed a strategic cooperation framework agreement with Soochow University

February 2022

- Top 20 Revenue of Suzhou New District in 2021

March 2022

- Photovoltaic Building Materials Product Launch Conference

April 2022

- May Day Labor Award of Jiangsu Province
- Turned out to be the best Asian manufacturer in 2022 SPI test

July 2022

- Signed a Cooperation Framework Agreement with GUOHUA ENERGY INVESTMENT CO., LTD.
- Obtained the Greenhouse Gas Verification Statement Certification

June 2022

- 2022 Jiangsu Provincial Special Fund for the Development of Green Buildings Project
- Performance Evaluation of Jiangsu Province Engineering Research Center of Technology - Excellent
- Jiangsu Provincial Academician Workstation
- Suzhou Intellectual Property Peak Project
- Wuhan R&D Center Unveiling Ceremony
- Zhongxin Xude New Energy (Suzhou) Co., Ltd. Unveiling Ceremony

May 2022

- 2021 CSR report was officially released
- GoodWe EcoSmart Home made its debut at InterSolar exhibition in Europe, and was officially launched
- Demonstration Unit of Industry-University-Research Cooperation in Suzhou New District
- Member of Carbon Neutrality Committee of China Energy Conservation Association
- Continued promotion of public welfare solar projects
- GoodWe's first product based on the third-generation technology platform, DNS G3, was officially launched globally

August 2022

- Suzhou Innovation Leading Talents and Suzhou Youth Innovation Leading Talents 2022
- Provincial Industrial Internet Demonstration Engineering Project (Benchmark Factory Category) 2022
- Ranked Top Three Global Energy Storage Inverter Suppliers by *Wood Mackenzie*
- Guangde Phase II commenced production
- Advanced Technology Research Institute for Independent Brand Large Enterprises and Leading Enterprises in Suzhou
- Brand Certification of "Made in Suzhou"
- Sign a Strategic Cooperation Agreement with JIANGSU FINANCIAL LEASING

September 2022

- Distinguished with the TÜV Rheinland "All Quality Matters" Award for the seventh consecutive year
- Nanjing R&D Center Unveiling Ceremony
- Won the 11th "BJX Cup" Influential PV Inverter Brand and Influential Integrated Energy Storage Solution Enterprise Award
- Signed a Strategic Cooperation Agreement with Tianbang New Energy Technology Co., Ltd., WUXI EMPIRE NEW ENERGY Ltd. and CSI Solar Power (China) Inc.
- Launch of the GoodWe Guangde Smart Factory Series Brand Promotion Event

December 2022

- Establishment of the first outdoor demonstration testing project for photovoltaic building materials in the industry
- DNS G3 6kW product obtained Carbon Footprint Certificate
- SMT 60kW product obtained Carbon Footprint Certificate

November 2022

- GoodWe's first box-typed transformer substation was successfully shipped, providing a complete solution for ground power stations
- PCBA Workshop Honored as Suzhou Demonstration Smart Workshop 2022

October 2022

- Science and Technology Innovation Leading Talents in the New District 2022
- Suzhou Municipal Demonstration Smart Workshop 2022
- EcoVadis Silver Certification for Sustainable Development Rating
- Charging Pile Product Launch
- Assisted Kaihua County, Zhejiang in "Whole County Promotion"
- National Intellectual Property Advantageous Enterprise
- GW30K-MT product obtained Carbon Footprint Certificate
- GW80K-MT product obtained Carbon Footprint Certificate
- GW110K-HT product obtained Carbon Footprint Certificate
- GW250K-HT product obtained Carbon Footprint Certificate

2022 Highlights

Governance

The Company held a total of **11** supervisory board meetings

passed a total of **43** resolutions

No cases of corruption-related litigation

A total of **692** participants in anti-corruption training



Environment

The Company's smart energy R&D building has been awarded the certificate for

ultra-low energy consumption building

6 products of GoodWe have been awarded the carbon footprint certification

Conducting corporate carbon inventories

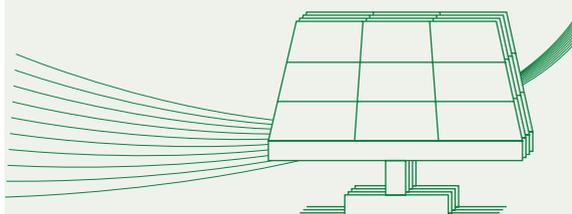
As of November 2022, the self-consumption rate of photovoltaic power in GoodWe's Guangde

Industrial Park has reached **91%**, with a total self-consumption revenue of RMB

1.7175M and a cumulative

carbon emissions reduction revenue of RMB

122,600



Society

Awarded the **EcoVadis Silver** Sustainability Rating

Awarded as a "National Intellectual Property Advantage Enterprise"

No major safety accidents or work-related injuries

China Talent Management Cultural Model 2022

Best Employer in Suzhou 2022

Awarded as a "High-Tech Enterprise" by the government, as well as a "Provincial Engineering Technology Center," "Provincial Industrial Design Center," "Provincial Postdoctoral Innovation Workstation," and "Provincial Workstation for Graduates"

Invited to participate in the Intersolar Europe, an international solar energy exhibition held in Munich, Germany

More than RMB **1M** has been invested in rural revitalization public welfare projects

Awards and Honours in 2022



01

Responsible WE Future: Corporate Governance

Operation compliance is the foundation of GoodWe's steady development. We approve the organic integration of social responsibility into our operations, promote the construction of corporate governance system, progress our sound compliance management system, and standardize business ethics to ensure the stable development of the Company. We widely solicit valuable opinions from all stakeholders, accelerate the high-quality development of the Company, fulfill and assume social responsibility, and jointly create a magnificent new chapter for GoodWe.

- Governance Framework
- Compliance Management
- Stakeholder Engagement

This chapter responds to UN Sustainable Development Goals (SDGs)



Governance Framework

The Company strictly abides by a series of 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 *Code of Corporate Governance for Listed Companies*. We have formulated our internal management system including the *Rules of Procedure for the Shareholders Meeting*, the *Rules of Procedure for the Board of Directors*, the *Rules of Procedure for the Board of Supervisors*, the *Management System for Related Transactions*, the *Management System for External Guarantees*, and the *Management System for Outward Investment*. By clarifying the functions of the Shareholders Meeting, the Board of Directors, and the Board of Supervisors, we aim to improve the corporate governance structure, establish a sound system for corporate governance and investor management.

Shareholders and Shareholders Meeting

The Company organizes annual general meetings in strict accordance with relevant laws, regulations, and the *Rules for the Listing of Stocks on the Science and Technology Innovation Board of Shanghai Stock Exchange*, to develop procedures for convening, holding, deliberating, voting, and decision-making at the Shareholders Meeting, fully protecting the exercise of rights of all shareholders. In 2022, the Company held a total of nine Shareholders Meetings, passed a total of 44 resolutions, and adjusted the number of members of the Board of Directors through the proposal of the election of the Board of Directors, the Board of Supervisors and Senior Management.

Directors and the Board of Directors

The Company strictly adheres to the requirements of relevant laws and regulations and establishes a Board of Directors with a term limit of no more than three years per term and the option for re-election upon term expiration. Additionally, under the Board of Directors there are four special committees, namely, the Audit Committee, the Nomination Committee, the Remuneration and Appraisal Committee, and the Strategy Committee. The Company has established four specialized committees, including the Audit Committee, Nomination Committee, Remuneration and Assessment Committee, and Strategic Committee. Through the resolution of the Shareholders Meeting, the Company adjusted the number of members of the Board of Directors to seven for this year, including three independent directors. In 2022, the Company held a total of 14 Board of Directors meetings and passed a total of 82 resolutions.

Supervisors and the Board of Supervisors

The Company strictly adheres to the requirements of relevant laws and regulations, the *Rules of Procedure for the Board of Supervisors* and the *Articles of Association* and establishes its Board of Supervisors of three supervisors, two of which are the employee representative supervisors, who are responsible for the Company's finance and the legality and compliance of the Company's directors and senior management personnel in performing their duties. In 2022, the Company held a total of 11 meetings of the Board of Supervisors and passed a total of 43 resolutions.

Quantitative Performance Indicator



Shareholders Meetings

9

Resolutions passed by the Shareholders Meeting

44

Meetings of the Board of Directors

14

Resolutions passed at meetings of the Board of Directors

82

Meetings of the Board of Supervisors

11

Resolutions passed at meetings of the Board of Supervisors

43

Information disclosure management

The Company strictly abides by the *Rules for the Listing of Stocks on the Science and Technology Innovation Board of Shanghai Stock Exchange*, the *Measures for the Administration of Information Disclosure by Listed Companies*, and other regulatory requirements. We have established the *Information Disclosure Management System* and other internal systems to regulate information disclosure and reporting procedures to ensure accurate, timely, fair, and complete disclosure of relevant information. We earnestly fulfill our information disclosure obligations and continue to improve information transparency.



Investor relations management

The Company has formulated internal management systems including the *Management System for Investor Relations and Media Interview Reception* and the *Investor Relations Management System*. We communicate and interact with investors in an all-around way via the investor hotline, email, the SSE E-interaction, and investor exchange meetings, constantly expanding overseas investor base. In 2022, the Company organized a total of 252 investor exchange meetings, including 161 conference calls with institutional investors, 62 on-site investor research sessions, 26 brokerage strategy meetings, and three performance briefings.



The Company organized a total of

252

investor exchange meetings

Compliance Management

Compliance management system

We have developed a *GoodWe Internal Control Manual* and other internal compliance management systems and measures to institutionalize and standardize our compliance management. We classify and categorize business modules according to the Company's actual conditions and build a risk control matrix for business modules, covering organizational structure, development strategy, human resources, social responsibility, corporate culture, and communication. Moreover, we list the responsibilities and obligations concerning social responsibility in the *Internal Control Manual* and set the responsible department for social responsibility and risk levels. These measures facilitate competent departments to control the business and ensure the Company's healthy, stable, and sustainable development.

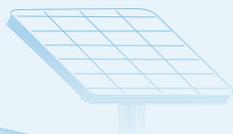
The Company, based on the opinion of the Audit Committee of the Board of Directors and in compliance with the requirements of the Shanghai Stock Exchange, develops its annual audit plan. We commission third-party professional auditors for internal control audits of the Company, to conduct internal control and internal audit work, achieving a closed-loop process of routine auditing, preparation of audit working papers, issuance of recommendations, and subsequent follow-up. This continuous improvement of the Company's compliance system aims to increase employee awareness of compliance and foster a culture of compliance within the Company.

We emphasize raising employees' compliance awareness. GoodWe has established a sound and regular compliance training mechanism, regularly conducting compliance training. By disseminating information on compliance management policies and systems, internal control compliance measures, and basic compliance knowledge to employees, the Company continuously deepens and emphasizes the importance of compliance. This ensures that all employees understand and adhere to the Company's compliance goals and requirements and work together to achieve compliance goals.

Business ethics management

We insist on lawful and honest operations and strictly abide by the *Anti-Money Laundering Law of the People's Republic of China* and the *Anti-Unfair Competition Law of the People's Republic of China*. We implement integrity management in a “zero-tolerance” approach, and promote employees' integrity and compliance throughout our business work. We have established working mechanisms for cracking down on commercial bribery, reporting, and complaints. We have created a clean and upright compliance environment and built an honest and clean workforce to fully protect the legitimate rights and interests of the country, the Company, and all stakeholders.

The Company has established a sound reporting and complaint system, with multiple channels including the supervision hotline and mailbox to facilitate whistleblowing. It actively encourages all stakeholders to report any illegal, irregular, or improper behavior of the Company and its employees. The Company also regularly conducts anti-corruption training, signs integrity commitments with employees, and improves self-restraint and self-supervision mechanisms for employees. In 2022, the company achieved a 100% employee participation rate in signing the integrity commitments, and conducted a total of 12 anti-corruption training sessions with a total of 692 participants.



Case GoodWe Integrity Training

In September 2022, GoodWe conducted a training on the theme of integrity through a combination of lectures and group discussions. GoodWe promoted the Company's code of conduct, sorted out the integrity system and processes, discussed management loopholes, and developed and implemented improvement methods.



GoodWe Integrity Training

The Company has established a comprehensive reporting and complaint system to strengthen its management of business ethics, and actively encourages all stakeholders to report any illegal, irregular, or improper corporate or employee behavior. The Company has provided various channels to report such as the public hotline, email, and a newly added “GoodWe” email. The Company promptly and effectively investigates and handles any report of violations and provides feedback on the investigation results to the whistleblower as soon as possible. Additionally, the Company has implemented measures to protect the legal rights of whistleblowers, including not disclosing the whistleblower's name or department without their consent, and using voice alteration technology during communication. These measures effectively safeguard the legal rights of whistleblowers.

Reporting Channels

Address: No. 90 Zijin Rd., New District, Suzhou, China

Telephone: 0512-62396791

Email: GOODWE-Admin@goodwe.com

Quantitative
Performance
Indicator



Percentage of employees signing the Letter of Integrity Commitment

100%

Anti-corruption training

12 sessions

Anti-corruption training

692 participants

Stakeholder Engagement

GoodWe always believes that working together with all stakeholders is the prerequisite for the long-term sustainable development of the Company. By building a social responsibility management system and actively communicating with various stakeholders such as government, regulatory agencies, shareholders, and investors through multiple channels, GoodWe comprehensively understands the demands of all stakeholders and sets up the material topics matrix for the current year.

Stakeholder communication

To achieve long-term value enhancement for the Company, GoodWe identifies stakeholders based on its overall business and corporate activities, including government and regulatory agencies, shareholders and investors, customers, employees, suppliers and partners, and the public community. Meanwhile, the Company thoroughly understands the expectations and demands of all stakeholders to promote win-win cooperation with them.

Stakeholder	 Government and regulators	 Investors and shareholders	 Customers	 Employees	 Suppliers and partners	 Communities and the public
Expectations and Demands	<ul style="list-style-type: none"> • Compliance • Paying taxes according to law • Supporting national strategies 	<ul style="list-style-type: none"> • Operational compliance • Risk management • Operational transparency • Stable returns 	<ul style="list-style-type: none"> • R&D innovation • Product quality • Customer service • Privacy security 	<ul style="list-style-type: none"> • Employee remuneration and benefits • Employee training and development • Occupational health and safety 	<ul style="list-style-type: none"> • Responsible procurement • Fairness and transparency • Good faith in execution • Cooperation for mutual benefits • Protection of intellectual property rights 	<ul style="list-style-type: none"> • Supporting charity • Supporting community construction • Promoting green development
Communication Methods	<ul style="list-style-type: none"> • Policies and instructions • Work reports • Information submission • On-site inspections 	<ul style="list-style-type: none"> • Shareholders Meeting • Investors' meetings • Surveys and roadshow • Information disclosure • Telephone and email communication 	<ul style="list-style-type: none"> • Visits to customers • Customer complaints • Satisfaction surveys • Telephone and email communication 	<ul style="list-style-type: none"> • Labor unions • Internal communication platforms • Employee satisfaction surveys • Care visits 	<ul style="list-style-type: none"> • Bidding meetings • Surveys and visits • Exchanges and cooperation • Industrial forums 	<ul style="list-style-type: none"> • Volunteering • Public welfare activities

Analysis of material topics

GoodWe is committed to establishing long-term, stable, and mutually trusting friendly cooperation relationships with all stakeholders, closely communicating with them, and identifying and evaluating ESG topics in conjunction with the Company’s strategic development plan. In 2022, the Company reviewed ESG topics through communication with all stakeholders and discussions at the board level. Eventually, 25 important topics were identified, including 18 high-materiality topics, five medium-materiality topics, and two low-materiality topics. This report will focus on disclosing the relevant information of high-materiality topics.

GoodWe 2022 Material Topic Matrix

High-materiality topics

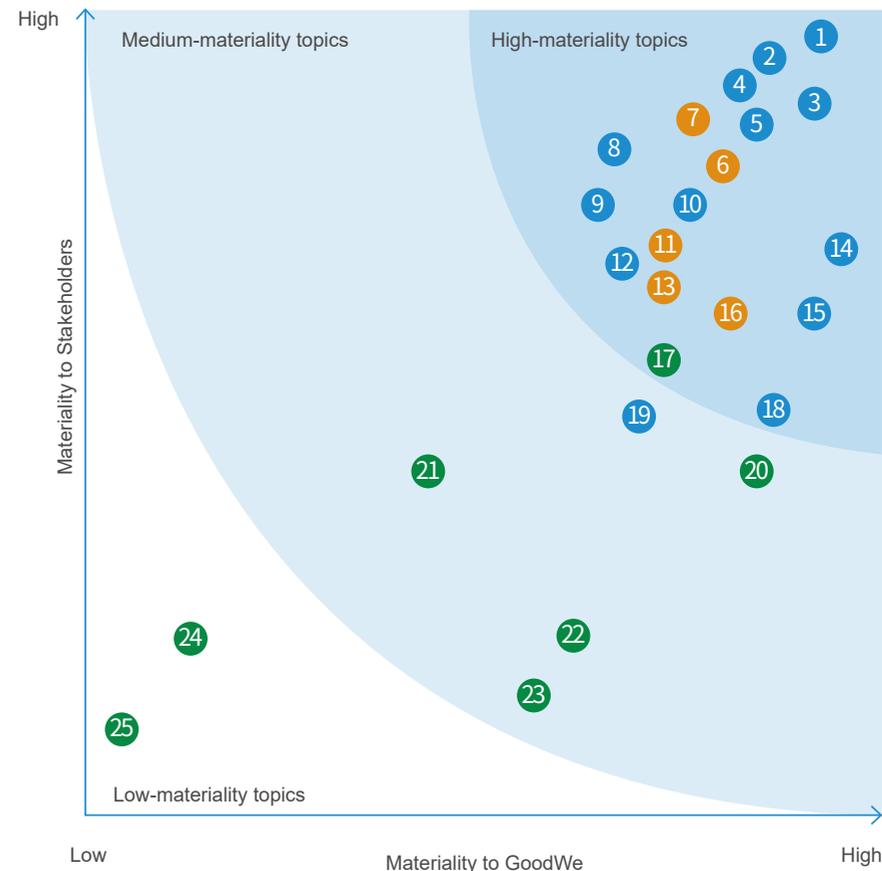
- | | | |
|---------------------------------------------|--------------------------------------------------|-----------------------------------------------|
| 1 Product and Service Quality | 2 R&D Innovation | 3 Protection of Employee Rights and Interests |
| 4 Protection of Intellectual Property Right | 5 Occupational Health and Safety | 6 Performance Growth |
| 7 Compliance | 8 Industrial Cooperation and Development | 9 Supply Chain Management |
| 10 Customer Privacy Protection | 11 Business Ethics and Anti-Corruption | 12 Equal Opportunity and Diversity |
| 13 Corporate Governance | 14 Employee Training and Development | 15 Employee Care |
| 16 Operational Transparency | 17 Energy Conservation and Consumption Reduction | 18 Employee Remuneration and Benefits |

Medium-materiality topics

- | | | |
|----------------------------------|----------------------------------------------|-----------------------|
| 19 Public Welfare and Investment | 20 Clean Energy Exploitation and Utilization | 21 Resource Recycling |
| 22 Waste Management | 23 Response to Climate Change | |

Low-materiality topics

- | | |
|-----------------------------|------------------------------|
| 24 Water Use and Management | 25 Biodiversity Conservation |
|-----------------------------|------------------------------|

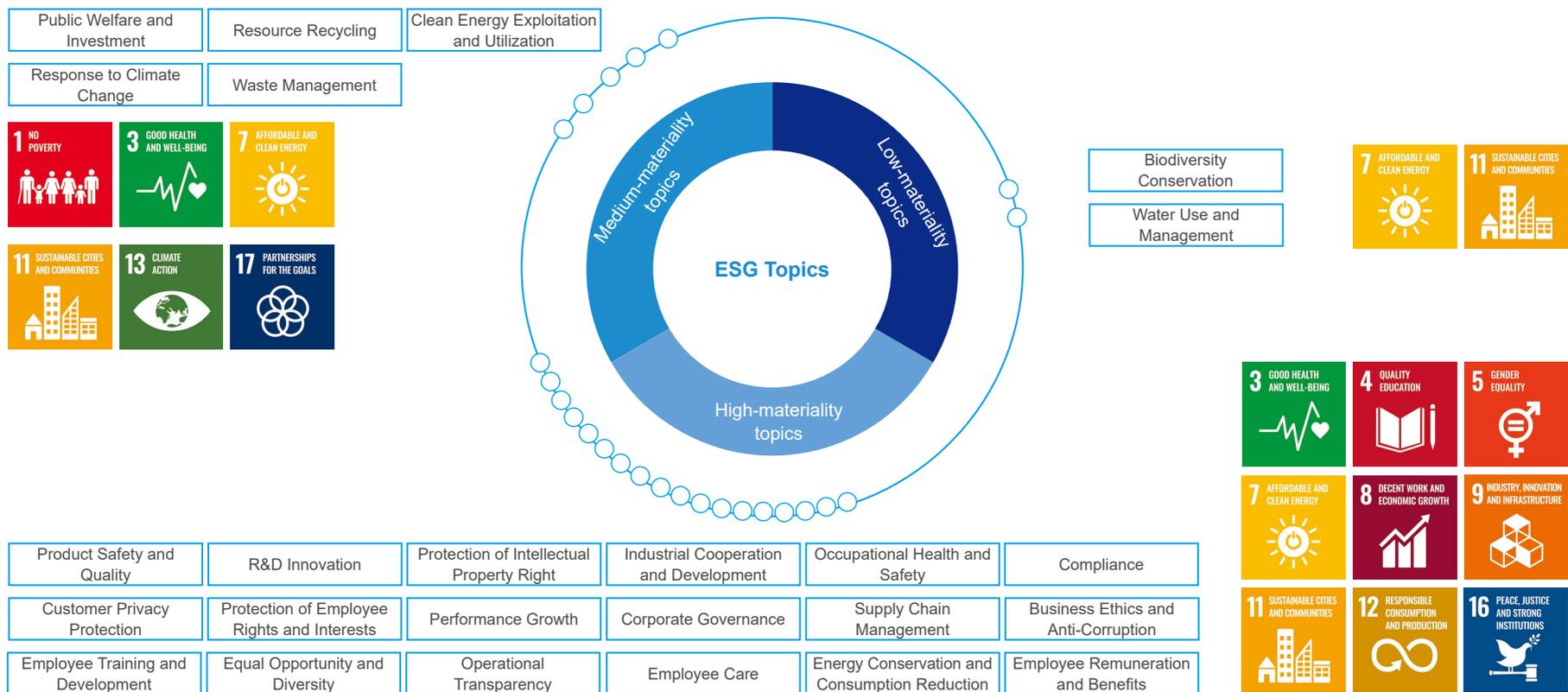


- Environmental Topics
- Governance Topics
- Social Topics

Contributing to the UN SDGs

In September 2015, the United Nations Sustainable Development Summit adopted the 2030 Agenda for Sustainable Development. GoodWe followed the guidance of UN Global Compact, with a focus on creating value for all stakeholders, and combined corporate social responsibility management practices and identified 12 core goals based on current business operations and future strategic development directions. We will focus on devoting resources and leveraging our strengths in relevant target areas to practice our corporate social responsibility.

The material topics we have identified are highly aligned with the UN SDGs, and the corresponding relationships are as follows:



We have also joined the UN Global Compact and pledged to support its ten principles in the areas of human rights, labor standards, environment and anti-corruption. We are committed to integrating the Global Compact and its principles into corporate strategy and culture, actively build partnerships with other member companies and stakeholders, jointly taking sustainable development actions, to contribute to the realization of the UN SDGs.

02

Innovative WE Future: Product Innovation

GoodWe is constantly strengthening our independent innovation capability, improving our R&D capabilities, comprehensively strengthening our quality management, striving to create high-quality products, and expanding the application scenarios of our products. Furthermore, we continue to integrate information technology into our industrial management mechanisms, and we are at the forefront of R&D innovation and quality management.

- Strengthening R&D Innovation
- Strengthening Quality Management
- Accelerating the Integration of Informatization and Industrialization

This chapter responds to UN Sustainable Development Goals (SDGs)



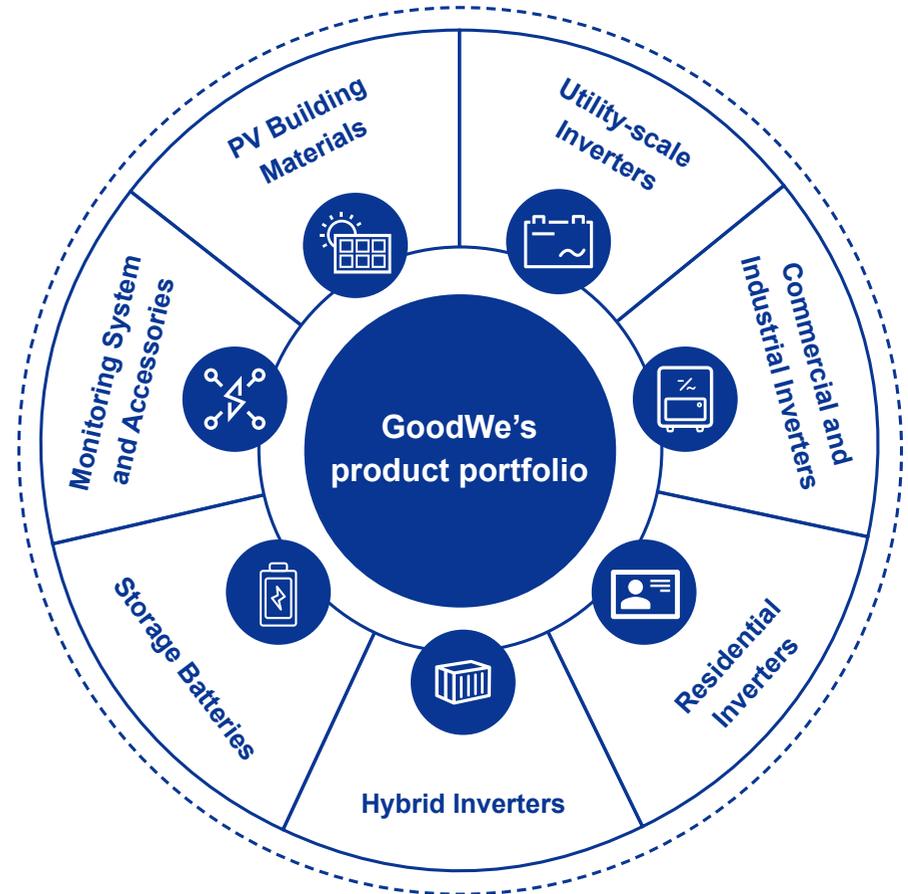
Strengthening R&D Innovation

We infuse innovation vitality into the Company by continuously improving the innovation system and mechanism construction, developing an innovation talent pool, increasing our investment in R&D activities, actively engaging in industry-university-research collaboration, and establishing a collaborative and win-win innovation ecosystem. Furthermore, to effectively prevent legal risks associated with intellectual property, we constantly improve our intellectual property management system and strengthen our internal intellectual property management through forms such as intellectual property training.

R&D Innovation

Product R&D Innovation

We are constantly improving our R&D capabilities and have been innovating for many years, occupying the technological high ground. In terms of product innovation, we have established an effective R&D system that is based on a number of external standards, including IEC62109-1, IEC61000-6-1, EN50549-1, and VDE4105. We have never stopped upgrading and enriching our own business, injecting new life into the Company's development. We are dedicated to providing all-encompassing smart energy solutions. Power electronics, new energy control, energy management, energy storage conversion, mass data collection, storage, and application are all areas of technological R&D that we focus on.



We constantly accelerate our product innovation and iteration, speeding up the development of new energy generation systems. During the reporting period, we stepped up our efforts to empower a wide range of products.

GoodWe DNS G3 Series Residential Inverter



The GoodWe DNS G3 series inverter is specially designed for single-phase residential applications. Integrated with high-current input and DC input oversizing capabilities, the series can bring you optimized power generation and make substantial returns. With its lighter and fanless house fit-in compact design, the DNS G3 inverter provides a reliable power supply yet runs at a super quiet operation below 25dB. The inverter also takes safety measures including optional Arc Fault Failure Interrupter (AFCI) and Type II Surge Protection Device (SPD) on both sides to protect the system from electrical fire and lightning hazards in extreme environments for guaranteed safety.

GoodWe ES G2 Hybrid Inverter



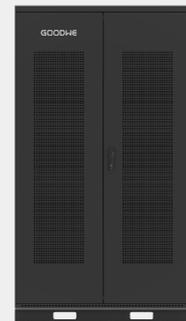
The GoodWe ES G2 inverter, ranging from 3 to 6kW, is a single-phase hybrid inverter designed to increase self-consumption of the generated solar energy, with the ability to control the flow of energy intelligently. Its smart design also offers great flexibility for demanding scenarios as it supports parallel connection for dependable backup power supply. Featured with plug-and-play, compact design, and minimal weight, PV installations are quicker and easier to complete than ever before. Importantly, ES G2 is compatible with a wide range of low voltage batteries such as GoodWe Lynx Home U battery. For homeowners looking to achieve a high degree of energy autonomy, reliable power supply and affordable energy prices, the ES G2 is the right choice.

GoodWe New ET Series Hybrid Inverter



GoodWe ET 15-30kW Series inverter is ideal for large residential or small commercial and industrial applications. As the core of the energy storage solution, the high-voltage inverters facilitate powerful energy backup and load management for optimized autonomy and reduced energy cost. The ET inverters also present peak shaving that balances power demand and grid power imported, to effectively reduce extra grid demand. Furthermore, thanks to dry contact in the inverter, external loads such as heat pumps can also be flexibly activated to optimize energy consumption. The series can be combined with a range of battery capacities and brands, including the GoodWe Lynx Home F.

GoodWe Lynx C Series High Voltage Lithium Battery



Featuring enhanced safety and reliable performance, GoodWe's high-voltage battery Lynx C Series has been specially designed for various C&I solar rooftop applications. Lynx C combines with GoodWe hybrid inverter ETC Series and retrofit battery inverter BTC Series to form a highly-flexible energy storage system that helps manage energy use for maximized self-consumption and ensures a reliable power supply for business. In addition, the system allows the user to level out peak demands and ultimately leads to the reduction of electricity bills. It offers a capacity of 101 kWh to 156 kWh and supports a parallel connection of up to 3 towers for a maximum capacity of 468 kWh.

Major Innovative Products for 2022

In 2022, our products obtained certifications from authoritative institutions in North America, Korea, and other regions, and have gained recognition in overseas markets.

North American Market

Certifications:
North American UL 1741, UL 9540, and IEEE 2030.5 testings

Certification Agencies:
SGS, CSA



Korean Market

Certifications:
Certification testing for GW120K-HT intelligent inverter, KSGA-025-15-1 standard

Certification Agency:
KTC

시험 결과

번호 : K2022110038

발행처 : 한국기술연구원 (KRISS)

발행일 : 2022.11.16

발행처 : 한국기술연구원 (KRISS)

발행일 : 2022.11.16

시험번호	기 기 명	교정일자	시험일자
4339	정밀저압전압계	2022.03.28	2022.03.28
4545	Power Meter	2022.02.25	2022.02.25
4988	전력품질분석기	2022.02.25	2022.02.25
4543	정밀용 전압계	2022.11.16	2022.11.16
4545	정밀용 전압계	2022.11.16	2022.11.16
4546	정밀용 전압계	2022.11.16	2022.11.16
4547	정밀용 전압계	2022.11.16	2022.11.16

시험 일자 : 2022.11.16

시험 장소 : 한국기술연구원 (KRISS) 연구실

R&D capability building

We strive to improve our employees' R&D capabilities and to build a professional R&D team. We had over 800 R&D personnel at the end of the reporting period. GoodWe has dedicated patent application channels and actively organizes incentive activities for R&D personnel to encourage innovation and boost R&D vitality. In addition, we offer specialized learning platforms and organize internal training within departments to help employees improve their R&D expertise. We increase our investment in R&D equipment each year to ensure adequate R&D resources.

GoodWe actively creates a platform for industry-university-research collaboration and forms strategic alliances with numerous prestigious universities and research institutions to help improve product intelligence and reliability. We have been collaborating with research institutions since 2015 to promote the R&D of new energy-power electronics products. We have established a number of industry-university-research collaborations with universities such as Zhejiang University, Shanghai Jiao Tong University, Soochow University, Nanjing University of Aeronautics and Astronautics, Hohai University Changzhou Campus, and the Chinese University of Electronic Science and Technology. We have also established national-level post-doctoral research workstations to strengthen talent development for the entire industry.

Case GoodWe was selected for the 2022 Provincial Academician Workstation Construction Project

Provincial academician workstation aims to provide strong support for enhancing enterprises' independent innovation capabilities and market competitiveness by focusing on enterprises' innovation needs, relying on enterprises' R&D departments, and using industry-university-research projects as a link. In 2022, the Jiangsu Provincial Department of Science and Technology issued a notice on the construction of provincial academician workstation, and GoodWe Technologies Co., Ltd. was selected as the only enterprise in Suzhou New District to participate in the project.

R&D innovation awards

The Company has been recognized as a High and New Tech Enterprise, Provincial Engineering Technology Center, Provincial Industrial Design Center, Provincial Postdoctoral Innovation Workstation, and Provincial Workstation for Graduates by the government. Our testing laboratory has also successfully obtained the accreditation from CNAS (China National Accreditation Service for Conformity Assessment) as a national testing laboratory.

China Industry-University-
Research Cooperation
Promotion Association

Suzhou New District
Management Committee

Suzhou Municipal People's
Government

Industry and Information
Technology Bureau of
Suzhou Municipality

2022.01

2022.05

2022.08

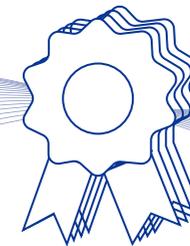
2022.10

Industry-University-Research
Cooperation Innovation
and Promotion Award -
Industry-University-Research
Cooperation Innovation
Achievement Award

Suzhou New District
Industry-University-
Research Cooperation
Demonstration Unit

Suzhou Advanced
Technology Research
Institute for Independent
Brand Enterprises and
Leading Enterprises

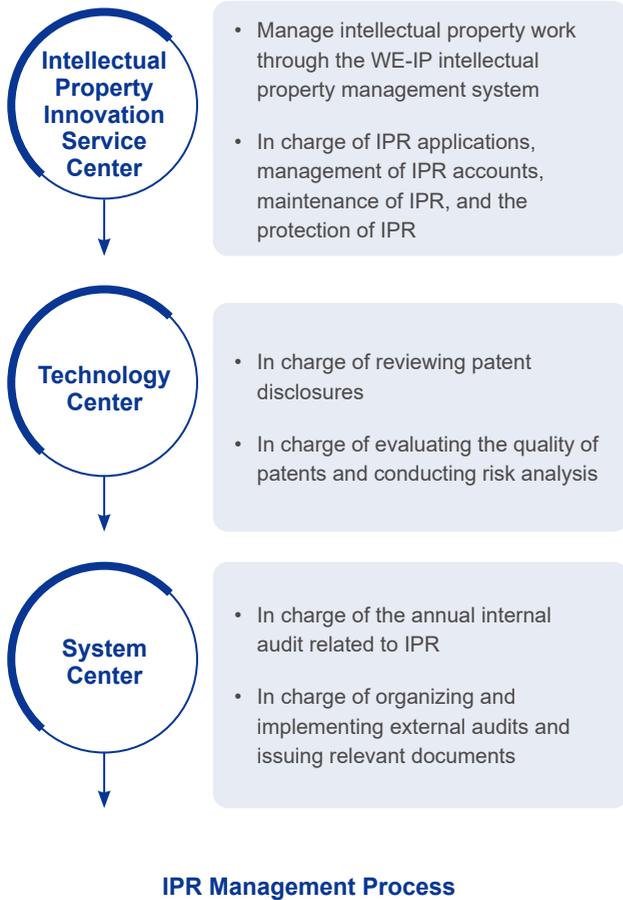
Suzhou City-Level
Demonstrative Intelligent
Workshop in 2022



GoodWe R&D Innovation Awards in 2022

Protection of intellectual property rights

GoodWe adheres to the national standard *Enterprise Intellectual Property Management*, we have created an *Intellectual Property Management Manual* that is tailored to the Company's current situation. We have established an intellectual property management policy and clarified the responsibilities of each department to protect the intellectual property owned by our Company. We also meticulously implement the *Intellectual Property Risk Management Control Procedures*, protect our intellectual property rights and avoid infringing the intellectual property rights of others. Meanwhile, we have established the main management process for intellectual property rights and strengthened the management of intellectual property rights.

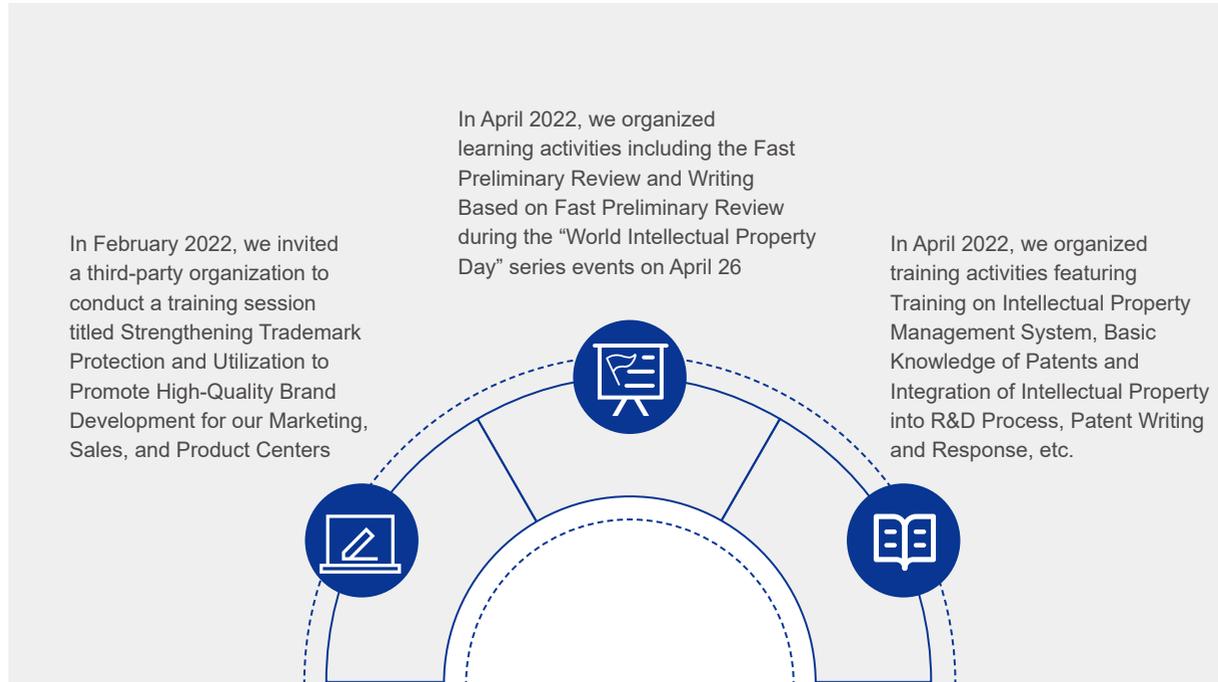


GoodWe has complete independent intellectual property rights over its core technologies and products, which ensures its leading position in the market application of the technologies.

GoodWe actively organizes intellectual property training to promote relevant knowledge among employees. During the reporting period, we organized 10 intellectual property training activities in total.

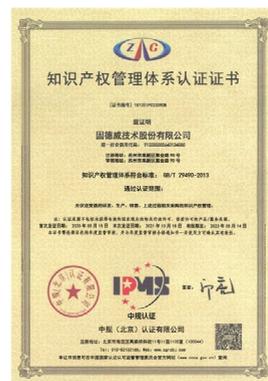
During the reporting period, we organized

10 intellectual property training activities in total



We passed the test on national standard *Enterprise Intellectual Property Management* in 2020 and received satisfactory results in the system surveillance audits in 2021 and 2022. In October 2022, we were recognized as a “National Intellectual Property Advantage Enterprise” by the National Intellectual Property Operation Promotion Bureau. We have now obtained the Intellectual Property Management System Certification. The Company was involved in no disputes or cases concerning intellectual property rights during the reporting period.

The Company was involved in **no** disputes or cases concerning intellectual property rights during the reporting period



Intellectual Property Management System Certification

Quantitative Performance Indicator		Unit	2022	
Intellectual property rights	 Patents	New invention patents	item	13
		New utility model patents	item	50
		New design patents	item	19
		Total new patents	item	82
		Invention patents held	item	57
		Utility model patents held	item	124
		Design patents held	item	34
	Total patents held	item	215	
	 Trademarks	New trademarks	item	52
		Total trademarks held	item	87

GoodWe’s Intellectual Property Statistics Table 2022



Strengthening Quality Management

The fundamental quality management concept of GoodWe is to create “Good” products and to establish “Good” quality. We insist on providing customers with high-quality, high-performance products, earning their trust through consistent and dependable product quality. We are constantly optimizing our quality management system, organizing quality improvement activities, and strengthening product quality management.

Product quality system

GoodWe regards product quality as the lifeline of the Company, and we have also developed the *Quality Manual*. To ensure the quality of our products exported overseas, we actively comply with the universal standards of exporting countries and regions. We have received ISO 9001:2015 quality management system certification as of the end of the reporting period.



ISO 9001:2015 Quality Management System Certification

Upgrading product quality

GoodWe is committed to providing high-quality products for our customers and taking personalized measures in production, such as introducing automated equipment. We not only reduce costs and increase efficiency through automated operations, but we also improve product quality.

Case GoodWe introduces AGV automated handling equipment

In 2022, we introduced AGV automated handling equipment to improve material handling efficiency. In addition, we have also collaborated with suppliers and various units within the factory to conduct multiple in-depth discussions, guiding suppliers to expand the dock operation route to two lines, fully releasing production line space. We have achieved a fully automated process of material warehousing - issuing materials to the production line - finished product warehousing, improving operation efficiency and reducing personnel by six people per shift.



Case GoodWe introduces assistive arms

In August 2022, we introduced assistive arms in the manufacturing process to solve problems such as high physical fatigue of personnel during handling and machine collisions. The introduction of assistive arm equipment reduced the height of bending during ground-level handling and achieved high-precision positioning at elevated heights, thus improving production efficiency while alleviating physical fatigue and ensuring product quality.



We also actively carry out diverse quality promotion and training activities to continuously improve product quality.

Case GoodWe carries out Quality Month activities

In September 2022, GoodWe launched the second Quality Month activities with the theme of “Building Good Quality, Creating WE Future”. The Quality Month was targeted towards all employees and also planned online and offline special activities for different fields.

All-employee knowledge contest

To promote the learning and application of quality knowledge and skills, the China Association for Quality launched a national contest on comprehensive quality management knowledge for employees of enterprises. The contest was conducted in the form of online quizzes and exquisite prizes were offered. GoodWe’s employees actively participated in this all-employee knowledge contest and gained fruitful results.



Specialized training for internal auditors in the three management systems

To solidify the foundation of the Company’s ISO 9001 quality management system, ISO 14001 environmental management system, and ISO 45001 occupational health and safety management system, and to enhance the auditing skills of internal auditors, GoodWe organized a three-system internal auditor training for the year 2022 during the Quality Month. The training invited senior consultants from an external consulting company to conduct offline on-site training, adopting a “classroom teaching + group discussion + case analysis” approach to comprehensively explain the basic standards of management systems, audit preparation, and audit implementation. A total of 73 people participated in this on-site training and obtained the internal auditor certificate.



Case GoodWe develops “DOE Experimental Design Course”

In July 2022, GoodWe launched the “DOE Experimental Design Course” with the aim of improving process quality, enhancing product quality, and improving work efficiency. In November 2022, the closing ceremony of the “DOE Experimental Design Course” and the project results release conference were successfully held in the training room on the third floor of the GoodWe headquarters. Three representative groups reported on their research topics and shared the product quality and production efficiency issues they discovered and solved through the practice of DOE.



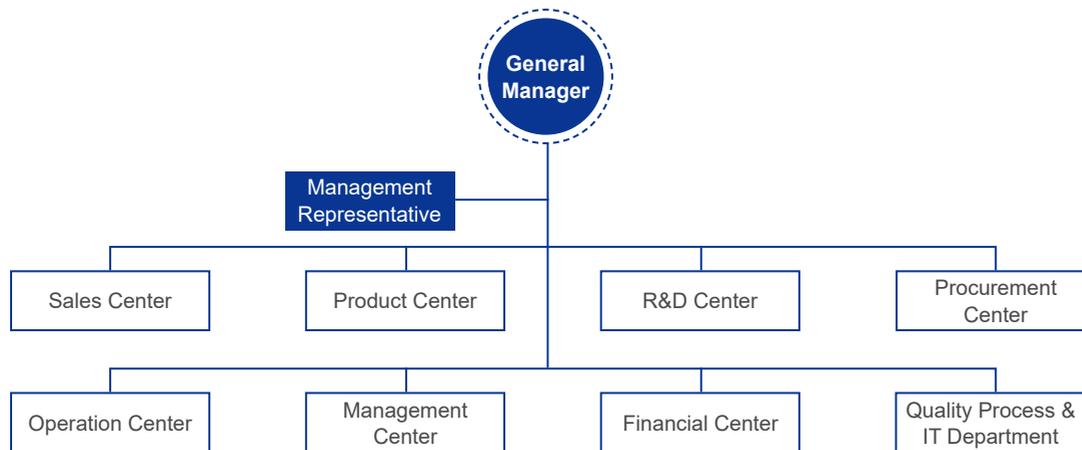
Accelerating the Integration of Informatization and Industrialization

GoodWe established an integrated industrialization and informatization management system, which provided a clear direction for the integration of strategic objectives with information technology. We continuously optimize the management mechanism of information technology and industrialization integration, implement the integrated management system of industrialization and informatization, and implement diverse measures to promote the integration of the two, and have achieved excellent results.

I-I Integration System

For the integration of industrialization and informatization, we adhere to the policy of “industrialization shaping the industry brand” and “informatization leading enterprise development.” We always regard scientific management as the driving force for development, regard quality as the life of the enterprise, continuously increase technology investment, strive to provide customers with all-around high-quality services, and strive to create an industry brand. Furthermore, we promote industrial transformation through informatization, upgrade management methods, and tools, transform manufacturing modes, and adapt to new development opportunities under the Internet model.

We strive to improve the integration of the two systems and have compiled a list of relevant documents for the two systems, such as the *I-I Integration Management Manual*, the *Control procedure for the technical realization process of I-I integration*, and the *Control procedures for I-I integration matching and regulation*. We have also established a two-system integration organizational structure, clarifying the responsibilities and duties of each department.



Informatization and Industrialization Integration Organizational Structure

I-I Integration Results

GoodWe held an internal audit meeting on the integration of informatization and industrialization in the Company in August 2022. The internal audit concluded that the Company's I-I integration management system standards and system documents had been fully implemented in various departments and related production processes and that the I-I integration management system was operationally sound. The Company held a management review meeting on I-I integration management the same month and fully affirmed GoodWe's achievements in the operation of its I-I integration system.

Our integration of the I-I integration system has received external recognition in addition to internal reviews. We received the AA Integration of Informatization and Industrialization Management Certificate during the reporting period.



AA Integration of Informatization and Industrialization Management Certificate

03

Low-Carbon WE Future: Environmental Management

GoodWe pledges to the basic strategy of “harmonious coexistence of human and nature”, practices the concept of green development, adheres to “ecological priority, green development”, continuously increases investment in environmental management, energy conservation and emission reduction, green operation, etc., actively responds to climate change, and effectively implements environmental management.

- Fulfill Environmental Management Responsibilities
- Promoting Energy Conservation and Emission Reduction
- Practicing Green Operation

This chapter responds to UN Sustainable Development Goals (SDGs)



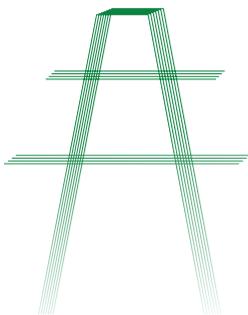
Fulfill Environmental Management Responsibilities

We implement the policy of low-carbon development and environmental protection in all aspects of our operations, continuously improving the environmental management system, effectively managing environmental risks, and reducing environmental hazards. While actively fulfilling our social responsibilities, we contribute to the sustainable development of GoodWe.

Environmental management system

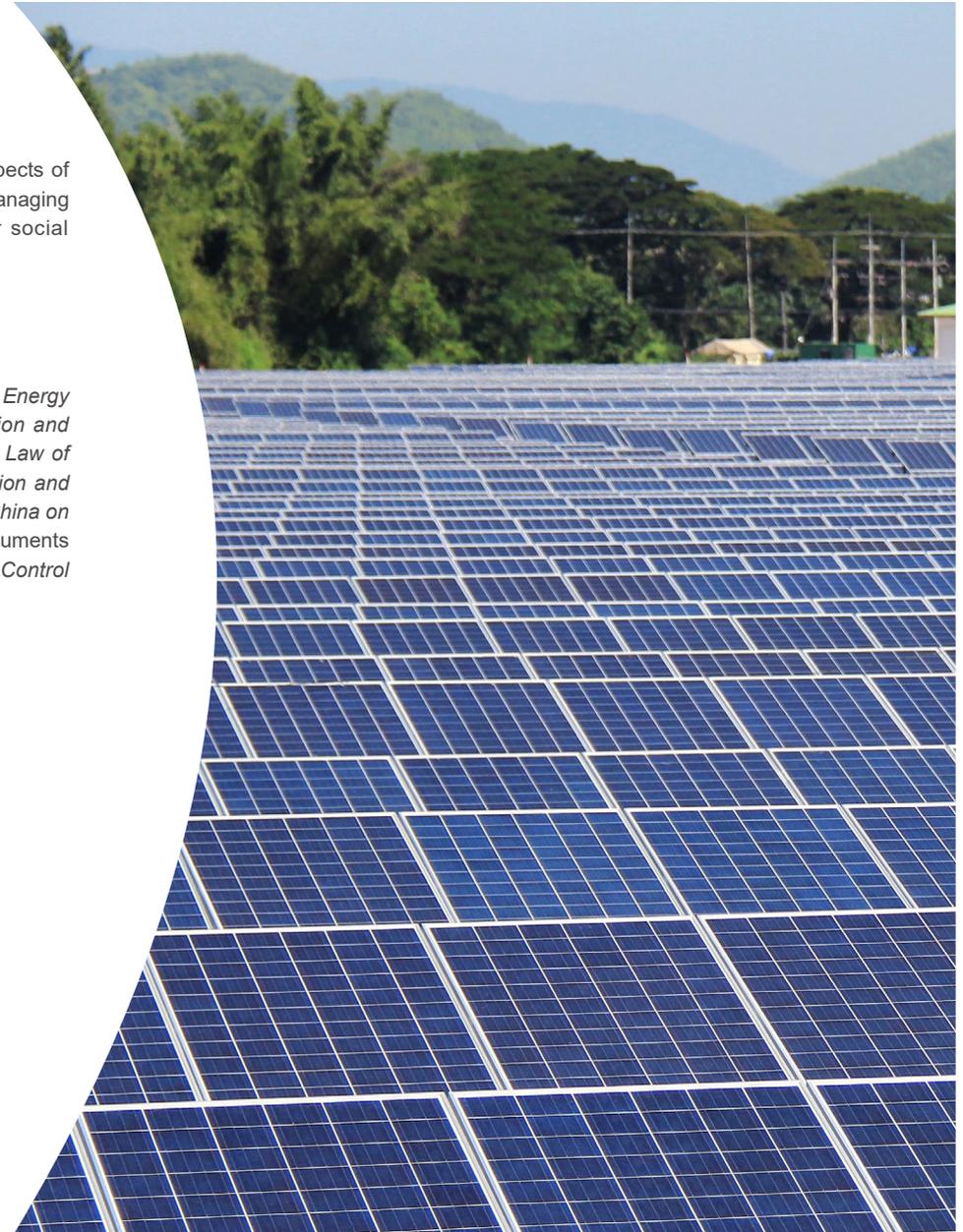
We strictly abide by the *Environmental Protection Law of the People's Republic of China*, the *Energy Conservation Law of the People's Republic of China*, the *Atmospheric Pollution Prevention and Control Law of the People's Republic of China*, the *Water Pollution Prevention and Control Law of the People's Republic of China*, the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste*, and the *Law of the People's Republic of China on the Prevention and Control of Environmental Noise Pollution*. We have developed policy documents such as the *Noise Control Procedure*, the *Waste Control Procedure*, and the *Wastewater Control Procedure*, and are committed to fulfilling our environmental management responsibilities.

In 2022, we passed the surveillance audit for ISO 14001:2015 Environmental Management System, which covered the research and production of PV inverters.



ISO 14001:2015 Certificate

We set EHS management goals and work schedules at the start of each year. We take organized measures to ensure that each goal is met and to improve environmental management performance in order to achieve these EHS goals. We set goals for hazardous waste disposal, internal and external audits in 2022, and we have tracked our progress toward these goals.



Environmental risk management

We have developed the *Measures for the Environmental Emergency Response Management for Environmental Incidents of Jiangsu GoodWe Power Supply Technologies Co., Ltd.* to improve the Company's ability to prevent and respond to environmental emergencies and reduce environmental hazards. GoodWe has implemented monitoring measures for environmental risk sources, established emergency prevention measures, equipped various emergency facilities and rescue materials, and strengthened emergency training and drills for employees in response to potential environmental risks such as leaks, fires, and explosions during the operation and use of the Company's production, storage, public works, and environmental facilities.



Emergency response measures for sudden environmental incidents on site

The emergency response team is responsible for providing a report on the nature of the incident, source parameters, dispersion, and meteorological conditions after an incident occurs. They are also in charge of taking immediate action at the scene of the incident to prevent it from spreading, implementing risk-reduction measures in the contaminated area, and rescuing injured employees.



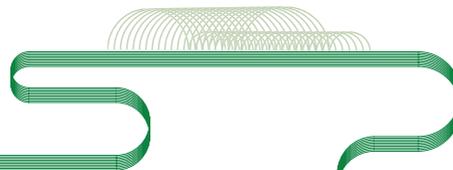
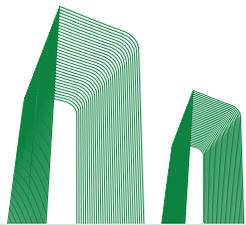
Emergency measures for air pollution incident protection targets

Residents nearby may be affected by the exhaust gas produced after a fire. The management committee's relevant departments should be informed right away via phone, the Internet, and other channels. These departments should then act quickly to alert businesses that might be impacted by atmospheric pollution and evacuate those in the area that is downwind of the accident. To reduce the risk of pollution and quickly lower the concentration of pollutants in the air, it may be necessary to strengthen the near-ground ventilation in contaminated areas.



Emergency measures for water pollution incident protection targets

A water pollution incident should be reported right away to the High-Tech District Management Committee by GoodWe's emergency response team. The committee will then direct qualified units to collect samples and conduct analyses at the water intake and advise downstream water users to take emergency action. To prevent further incidents, prompt response measures must be taken if the COD, pH, and other indicators are above the threshold. The plant area should also take precautions to prevent materials from getting into nearby bodies of water.



Promoting Energy Conservation and Emission Reduction

GoodWe is committed to achieving resource conservation, efficient energy management, and emission reductions. We diligently carry out our environmental responsibilities and wholeheartedly support the concept of sustainable development. We strive to improve our environmental protection efforts and ensure our commitment to sustainability through well-organized energy management and efficient resource utilization.

Resource conservation

Use of packaging materials

The raw materials used in GoodWe’s inverters meet ROHS regulations. We use recyclable aluminum alloy materials to manufacture inverter casings and covers. GoodWe selects sustainable AL6063 metal as the heat sink material based on requirements such as heat dissipation, weight, weather resistance, and production cost.

We practice “plastic reduction” when using packaging materials, reducing the white pollution brought on by plastic packaging materials and attempting to make our packaging materials more environmentally friendly. We achieved 100% recycling of packaging materials while lowering packaging costs by swapping out traditional EPE cushioning materials for more readily biodegradable and reusable paper-plastic packaging. We also follow lightweight design guidelines, concentrating on reducing the overall products’ volume and weight. GoodWe’s inverters’ lightweight design lowers the cost of packaging and shipping.

Use of water

To avoid leaks and stop water waste, we regularly inspect buildings and keep an eye on water usage. To improve the efficiency of water use, we also install water-saving urinals and toilets in our restrooms. By modernizing our landscape facilities and collecting and recycling overflow water for irrigation, we also actively practice water resource recycling.



GoodWe Water Consumption Statistics

Energy management

GoodWe continues to improve energy management, reduces energy consumption in manufacturing and operations, improves energy utilization efficiency, and increases the proportion of green energy use. We analyze and track our factory buildings’ energy consumption from a variety of perspectives, including energy types, time scales, building spatial structures, and different production lines. This allows us to develop specific energy-saving policies for the future.

Case GoodWe Actively Implements Energy-saving Renovations

In 2022, GoodWe carried out energy-saving renovations on the air conditioning system, aiming to achieve a 10% to 20% reduction in energy consumption using professional technology. We have transformed the pure fresh air fan in the PCBA workshop into a flexible fan that can switch between fresh air and recirculating air according to the workshop environment, effectively using energy. In addition, we have replaced workshop lighting during the reporting period, with an expected electricity cost savings of RMB 63,840.

Expected electricity cost savings of RMB

63,840





During the reporting period, GoodWe implemented corresponding practices in the development of distributed PV and smart microgrid platforms, advancing the smart energy revolution and promoting local economic development.

Case GoodWe Guangde Smart Power Station Demonstration Project - GoodWe Guangde 2.8MW Distributed Photovoltaic Power Station

The GoodWe Guangde Smart Power Station Demonstration Project is located in the production base of GoodWe's Anhui Guangde Phase I factory. The project has a total investment of more than RMB 10 million and includes various photovoltaic forms such as photovoltaic sunrooms, integrated photovoltaic storage and charging carports, building-integrated photovoltaics (BIPV), and lightweight component warehouses, with a total installed capacity of 2.8 MW.

The project utilizes the GoodWe Smart Energy WE-Seeds platform, which employs multiple intelligent sensors such as high-precision commercial weather forecasts, high-precision meteorological environment monitoring instruments, inverters, and smart collectors for online comprehensive perception, intelligent control, intelligent warning, and intelligent diagnosis of the PV power plant. With the assistance of the WE-Energy App, the project achieves efficient, convenient, and cost-effective management of the PV assets through online and offline mobile operation and maintenance coordination.

As of November 2022, the annual power generation of the GoodWe Guangde Smart Power Station exceeded 2.34 million kWh, with a self-consumption rate of 91%. The cumulative self-consumption revenue was RMB 1.7175 million, the cumulative self-consumption power was 2.1416 million kWh, the cumulative power-grid power was 198,700 kWh, and the cumulative feed-in tariff income was RMB 76,100. The cumulative carbon emissions reduction was 2,323.32 tonnes, and the cumulative carbon emissions reduction revenue was RMB 122,600 (calculated at RMB 52.78/tonne of carbon emissions for those within carbon credits).

<p>The annual power generation of the GoodWe Guangde Smart Power Station exceeded</p> <p>2.34 M kWh</p> <p>with a self-consumption rate of</p> <p>91 %</p> <p>The cumulative self-consumption revenue was RMB</p> <p>1.7175 M</p> <p>The cumulative self-consumption power was</p> <p>2.1416 M kWh</p>	<p>The cumulative grid-connected power generation was</p> <p>198,700 kWh</p> <p>The cumulative feed-in tariff income was RMB</p> <p>76,100</p> <p>The cumulative carbon emissions reduction was</p> <p>2,323.32 tonnes</p> <p>The cumulative carbon emissions reduction revenue was RMB</p> <p>122,600</p>
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Case GoodWe Guangde Smart Microgrid Demonstration Project - GoodWe Guangde Phase I Solar-plus-storage-plus-EV charging Smart Microgrid

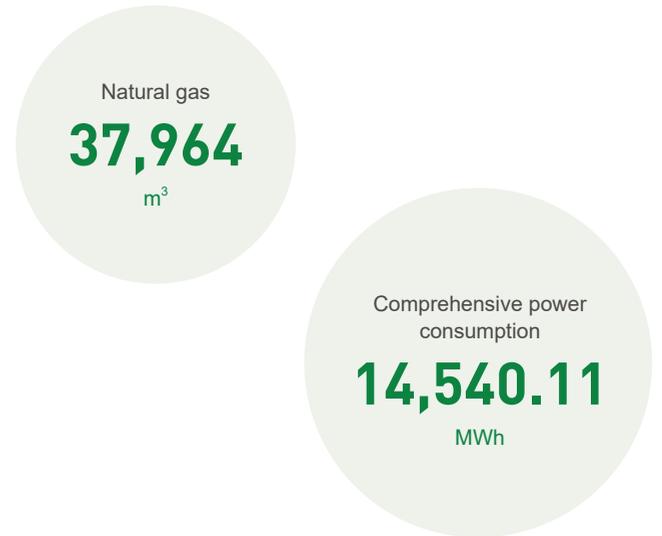
The GoodWe Guangde Phase I Solar-plus-storage-plus-EV charging Smart Microgrid is located at the GoodWe Guangde Phase I manufacturing base in Anhui province, China. The project consists of a 2.8 MW photovoltaic system, a 2.5 MWh energy storage system, and eight charging piles. The project is built using GoodWe's independently produced energy storage inverter, energy storage battery, and energy storage PCS facilities, and forms a solar-plus-storage-plus-EV charging microgrid. The project is fully managed and operated using GoodWe's WE-Power platform for smart energy management.

By the end of 2022, the project had achieved refined management of electricity consumption in the factory area, with more than 100 energy storage regulations and more than 20 demand responses. This has improved the self-consumption rate of PV power by about 2%.

Over **100** energy storage regulations

Over **20** demand responses

GoodWe Energy Consumption and Usage Statistics



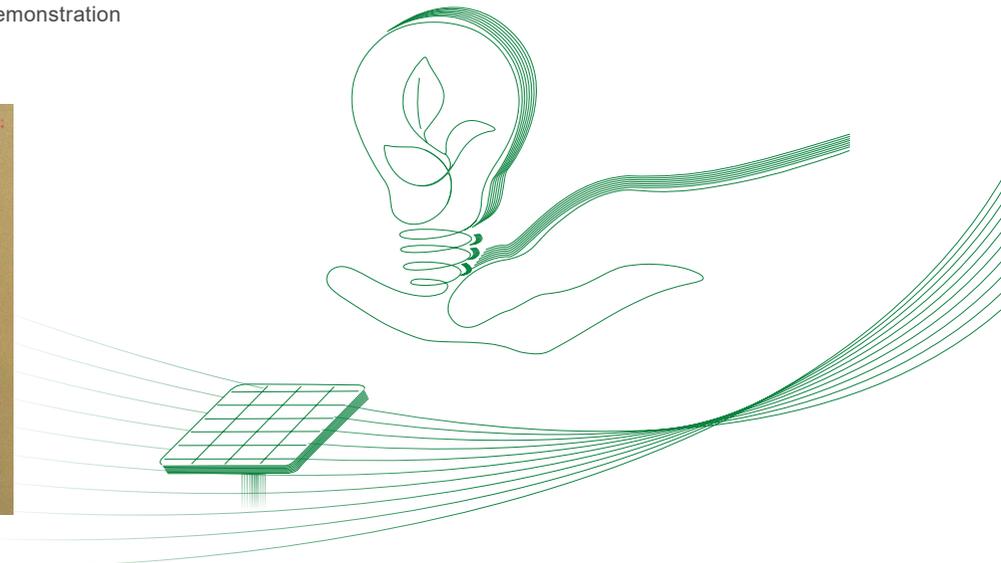
In the field of energy management, we have received recognition from professional organizations and society. GoodWe was awarded the certificate for ultra-low energy consumption buildings in June 2022. The China Association of Building Energy Efficiency designated GoodWe's smart energy R&D building as a "Better Buildings Action Demonstration Project" in August 2022.



Ultra-Low Energy Building Certificate



Better Buildings Action Demonstration Project Certificate



Emission reduction

We effectively control waste gas, smoke, and wastewater emissions and strive to reduce the waste in production and operations. We have established internal policies and documents, such as *the Waste Control Procedure and the Chemical Control Procedure*, to standardize waste classification, collection, storage, and disposal. We have established a dedicated hazardous waste disposal process and entrusted qualified third-party compliance disposal.

Furthermore, GoodWe inverters are designed to be quiet. We use fanless designs for household inverters and low-noise fans for commercial and industrial products to reduce noise pollution caused by fans.

GoodWe Emissions Statistics

Quantitative Performance Indicator	Unit	2022
Total waste gas emissions	m ³	73,244,000
Total dust discharge	tonne	0.0418
Total effluent discharge	tonne	36,456
Hazardous waste		
Total hazardous waste	tonne	35.61
Waste chemical packages, waste cleaning agent, and waste activated carbon	tonne	35.61
Non-hazardous waste		
Total non-hazardous waste	tonne	63.40
Grease tank waste	tonne	2.50
Yard waste	tonne	0.50
Household waste	tonne	30.20
Kitchen waste	tonne	30.20

We are constantly putting the concept of green development into practice, reducing greenhouse gas emissions and carbon footprint in our production and operations, fully demonstrating our commitment and responsibility in the green era. GoodWe PV inverters not only generate and convert green electricity, but the products and manufacturing processes are also environmentally friendly and low-carbon. Six GoodWe products were awarded Product Carbon Footprint Certification in 2022.



Product Carbon Footprint Certification

Meanwhile, we verify greenhouse gas emissions at the enterprise operation level in accordance with the ISO 14064-1:2018 standard. The greenhouse gas emissions for the Company's fiscal year 2021 and 2022 had been verified by a third-party organization. The data for the 2022 carbon verification are as follows:

GoodWe Greenhouse Gas Emissions Statistics

Quantitative Performance Indicator	Unit	2022
Scope 1	tonne of CO ₂ e	527
Scope 2	tonne of CO ₂ e	8,292
Total	tonne of CO ₂ e	8,819

Practicing Green Operation

We put the concept of a green, sustainable, and low-carbon office into practice in our daily office work and corporate culture development, and we strive to raise employee awareness of energy conservation and environmental protection. We make every effort to create a green and low-carbon workplace, thereby contributing to the creation of a green, environmentally friendly, energy-saving, and low-carbon living environment.

We have taken a variety of steps to increase our employees' environmental awareness, such as posting articles about saving electricity and energy and promoting an energy conservation and environmental protection culture among our employees.

Turn off the power when not in use and save water

- Fully utilize natural light and avoid using indoor lighting when there is sufficient sunlight
- Use air conditioning reasonably, control indoor temperature, and when air conditioning is used, close doors and windows
- Turn off lights and electrical appliances such as air conditioning when no one is in the office area
- Develop water-saving habits, shorten water use time, and remember to turn off and tighten the faucet when not in use

Reasonable use of paper, say no to waste

- Save every piece of paper, advocate double-sided use of paper, and reuse paper
- Promote paperless office and advance Internet information-based office platform

Save food, clean your plate

- Practice "clean plate action", order meals appropriately, cherish food, and reduce waste

Limit the use of plastic and sort garbage

- Reduce the use of non-degradable plastic products and disposable consumables
- Sort and dispose the garbage according to classification standards, strengthen the unified collection and reuse of recyclables

Green transportation, energy conservation and emission reduction

- Reduce the use of private cars and prioritize walking, cycling, or public transportation
- Use more green and low-carbon transportation methods such as shared transportation

We have also implemented intelligent lighting control in the Company's public areas by smartly controlling the public corridor lighting system in the office area. In addition, we have placed stickers in the office buildings promoting water and electricity conservation and secondary paper printing boxes.



Intelligent Lighting Control



Promotion of Reusing Paper



Stickers Promoting Water Conservation

04

Better WE Future: Win-Win Partnerships

GoodWe recognizes that win-win cooperation is a powerful driving force for development. We are committed to improving customer service, investing in industry exchanges and collaboration, and promoting sustainable supply chain development. We collaborate with customers, suppliers, and other partners to create a sustainable future in an inclusive, collaborative, and shared spirit.

- Enhancing the Level of Customer Service
- Promoting Common Development and Win-Win Cooperation of the Industry
- Building a Sustainable Supply Chain

This chapter responds to UN Sustainable Development Goals (SDGs)



Enhancing the Level of Customer Service

We adhere to the customer-centered value and are constantly working to improve our service management system. We are actively addressing customer needs. We provide all-around customer rights protection and higher-quality and more convenient services for global customers, and strive to continuously improve customer satisfaction.

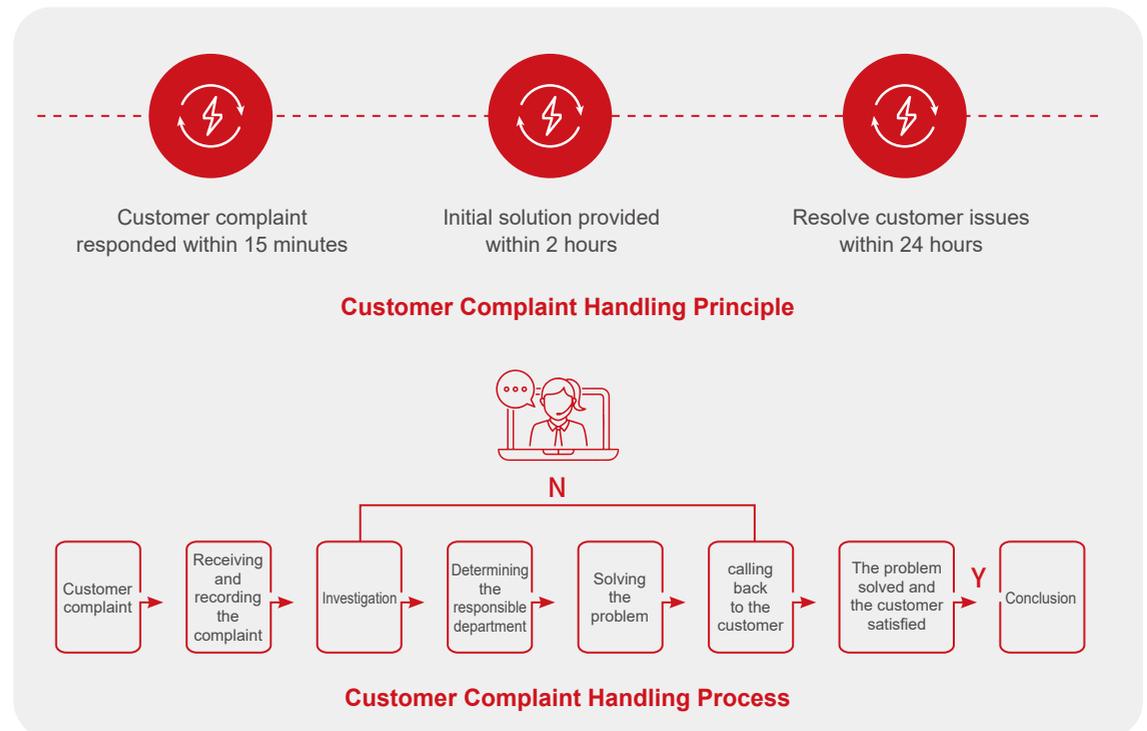


Improving customer service

GoodWe is dedicated to offering customers innovative and reliable products and services worldwide. Our full range of products have been exported to more than 100 countries and regions around the world. We have established subsidiaries and branches in 23 countries and regions, including the United States, Brazil, Australia, Germany, India, and Japan, in order to increase service effectiveness and quality. We offer one-stop services covering the entire product life cycle, including product consultation, system design, equipment installation, and after-sales services for customers around the world.

Complaint handling and after-sales service management

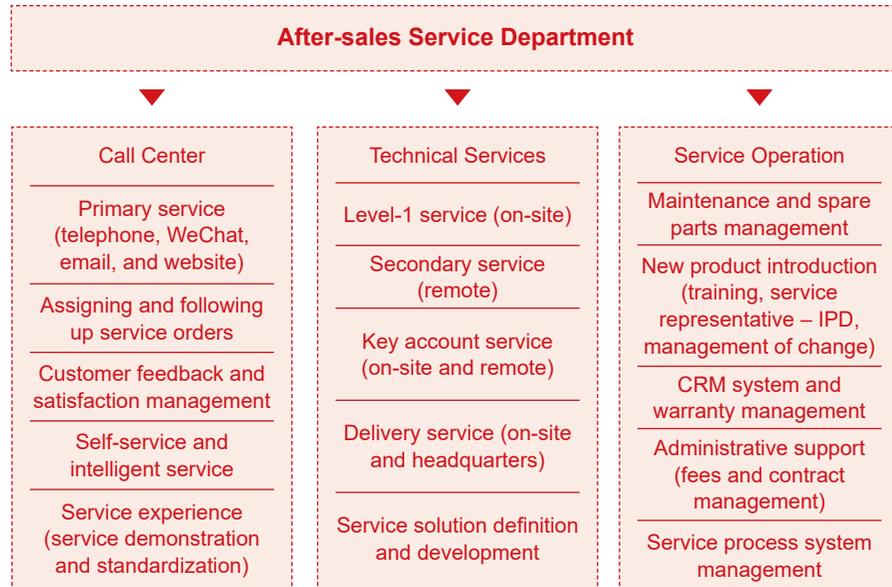
We attach great importance to customer complaints and feedback. We strictly adhere to internal management systems, including the *Customer Complaint Handling Process*, and optimize the complaint handling mechanism. Customers can report dissatisfaction by calling the 400-hotline, using WeChat, or communicating with salespeople. Our customer service team handles all complaints in a closed loop to ensure that customer feedback is timely and properly addressed.



We adhere to the “From Problem to Solution” concept and have established a professional and well-defined after-sales service team to ensure that the after-sales service is effectively implemented. We have built an informationalized after-sales service system to connect various business processes such as returns and exchanges, on-site dispatch, after-sales orders, testing and repair, and service provider management to further improve the efficiency of customer complaint handling. We continuously improve our after-sales service and customer satisfaction by establishing a comprehensive and reliable customer complaint tracking and analysis system. GoodWe has obtained the highest level of certification in the Five-Star After-Sales Service Certification and a Ten-Star (Excellent) Certification for the completeness of the after-sales service system during the reporting period.



After-Sales Service System Certification



The organizational structure of after-sales service

Customer satisfaction surveys

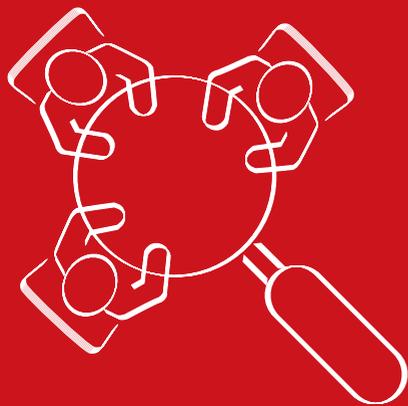
We actively conduct customer satisfaction surveys, track customer satisfaction with our products and services on a continuous basis, and use the feedback to fuel improvement initiatives. The following are the customer satisfaction scores during the reporting period:



Protect customer rights and interests

Responsible marketing

We strictly abide by the *Advertising Law of the People's Republic of China* in promotion and marketing. We strictly prohibit exaggerated and deceptive publicity and are committed to a transparent promotion culture. We conduct responsible marketing education for the Company's internal marketing team during regular training and team meetings, and rigorously review all types of promotional materials. At the same time, we regularly provide responsible marketing training to our vast network of domestic and international distributor partners on company introduction, brand advantages, product and solution selling points, etc., to improve all distributors' compliance awareness.



The Company received

no complaints or legal proceedings during the reporting period for misrepresenting or deceiving consumers in promotional content.

During the reporting period, the Company

received **no** incidents of customer information leakage (resulting in complaints or other significant impacts).

Information security and customer privacy

We strictly abide by laws and regulations such as the *Law of the People's Republic of China on Protection of Consumer Rights and Interests* and the *Cybersecurity Law of the People's Republic of China* and have implemented a series of internal management systems such as the *Measures for Information Maintenance and Monitoring Management*, *Measures for Personal Data Protection Management*, and *Information System Security Control Procedures* to comprehensively safeguard information security and customer privacy.

In 2022, we deepened the development of the information security management system and strengthen the standardization of personnel, equipment, and systems management. We have launched a security monitoring project that covers the entire group, detecting information security risks and malfunctions and alerting us in real time, preventing problems from occurring. Meantime, we have installed an encryption system on all of our computers, and any employee who needs to decrypt files during business processes must obtain permission from the appropriate departments, effectively ensuring the information security of our company and customers. Furthermore, we actively conduct various types of training to raise employee awareness of information security and customer privacy.

Promoting Common Development and Win-Win Cooperation of the Industry

The PV industry is facing historic development opportunities as well as severe challenges in the context of global carbon peaking and carbon neutrality goals. GoodWe, as a leading PV company, has a vision of “creating a new era of smart energy” and is committed to collaborating with global high-quality partners to create a win-win situation, promoting the ecological layout of the smart energy field in the PV industry 2.0 era, and creating more sustainable development space for future life.

Case GoodWe Solar Community

GoodWe Solar Community is an open communication platform that integrates functions such as a digital PV classroom, digital library, and PV forum. Through various forms such as free online training, webinars, research case sharing, and technical problem discussions, we are committed to providing an open platform for global PV professionals to share knowledge and exchange ideas.

As of 2022, the global solar community has had 15,000 registered users, with 38 research articles, 36 professional training sessions, 25 technical videos, and 93 PV forum discussions produced. By integrating resources from multiple parties, GoodWe is helping more users obtain rich photovoltaic knowledge from the community communication platform.

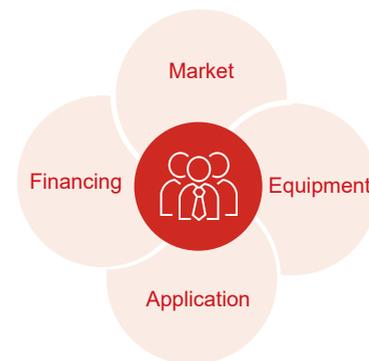
Registered users

15,000



Case GoodWeek Webinar Series and GoodWe Truck Roadshows

In 2022, GoodWe continued its GoodWeek Webinar Series and GoodWe Truck roadshows in markets across Europe, the Middle East, Africa, North America, and Brazil, focusing on the latest industry insights and solutions. Through these events, GoodWe has provided comprehensive guidance and references for the market, equipment, financing, and application segments, helping global PV professionals gain a deeper understanding of “new technologies, new products, new markets, and new ecosystems” in energy revolution.



GoodWeek

Online live-streaming

5

Countries and regions covered

80+

Partnership

21

Real-time viewership

9,000+

People covered

20,000+

Live interaction

70,000+



Case GoodWe Journal and Household Energy Storage Solution Manual released

GoodWe Journal hosted by GoodWe is aimed to popularize PV knowledge for industry professionals and provide comprehensive technical interpretation.

In 2022, focusing on hot topics in the industry such as whole-county promotion and ground power plant operation and maintenance, GoodWe released two issues of the Chinese version of *GoodWe Journal* (with a total of 16 articles) and one issue of the English version (with a total of seven articles). The publications put forward ideas for specific implementation paths and solutions, promoting high-quality development of distributed PV industry.



As energy storage technology matures, manufacturing costs decrease, and government support increases, the home energy storage market is becoming an increasingly important field for energy storage applications. The PV industry's demand for knowledge of home energy storage systems continues to grow. As a pioneer in the industry, in 2022, GoodWe released the *Residential Energy Storage Solution Manual*, providing systematic explanations on application scenarios, solutions, equipment selection, economic calculations, and more in a concise and easy-to-understand manner. The publication has been widely praised by the industry for helping professionals quickly understand household energy storage knowledge.



We actively participate in various industry associations, exhibitions, and forums to continuously expand the channels of industry communication and contribute to the high-quality and sustainable development of the industry as a whole. During the reporting period, GoodWe was invited to participate in multiple large-scale industry exhibitions and forums covering 24 countries, such as Intersolar Europe in Germany, the 14th China (Wuxi) International New Energy Conference and Exhibition, and the 17th China (Jinan) Solar Energy Utilization Conference. Along with outstanding peers, we have explored and discussed the key and forward-looking technologies and market development trends in the new energy power industry, promoting continuous innovation and progress.





GoodWe participates in large-scale industry exhibitions both domestically and internationally

Industrial Association	Title	Industrial Association	Title
China Photovoltaic Industry Association	Executive director	All-China Federation of Industry and Commerce (ACFIC)	Member
Shandong Solar Energy Industry Association	Executive director	Hubei Solar Energy Association	Vice president
Hebei Photovoltaic New Energy Chamber of Commerce	Director	hongguancun Energy Storage Industry Technology Alliance	Executive member
Guangdong Solar Energy Association	Executive member	Fujian Province Solar Photovoltaic Chamber of Commerce	Director
Jiangsu PV Industry Association	Member	Energy Storage Leading Alliance	Director
Jiangsu Province Renewable Energy Industry Association	Deputy director	Jiangxi Provincial Energy Association	Member
China Industry and Commerce and Household	Deputy chief director	Suzhou PV Industry Association	Director
Brand Alliance (Photovoltaic Green-Ecosystem Organization)		Asia Photovoltaic Industry Association (APVIA)	Director

Case China ECOPV 2022

GoodWe showcased its leading full-scenario smart energy solutions at China ECOPV 2022, committed to providing sustainable PV integrated solutions for more users and leading a new way of zero-carbon life. With the theme of “Focusing on Problem Supplementing the Chain, Collaborative Cooperation Strengthening the Chain, Innovative Upgrading Extending the Chain, Clean Low-carbon Green Chain”, we jointly discussed the future of green development in the photovoltaic industry with energy, power, finance and other industry users and experts.

At the conference, GoodWe was awarded the “GREENPV Balance Component and System Integration Technology Innovation Award” and “GREENPV PV Building Materials Technology Innovation Award” for the year of 2022 for our outstanding contributions in the field of technology R&D and industrialization of balance-of-system components, inverters, and tracking systems in the photovoltaic industry. This recognition has provided important affirmation for our efforts in technological innovation.

Building a Sustainable Supply Chain

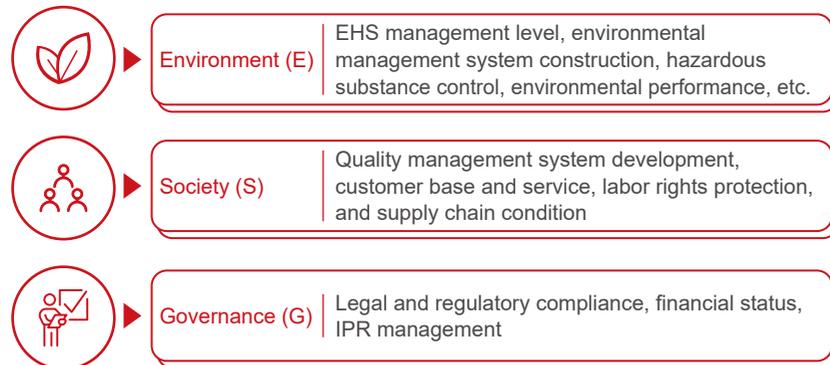
GoodWe is committed to treating suppliers as important partners and insists on developing equal, mutually beneficial, and close relationships with exceptional suppliers. We work with our supplier partners to create a transparent, honest, and green supply ecosystem by continuously optimizing supplier management and communication, preventing supply chain risks, promoting the construction of sustainable supply chains.

Supplier management

We strictly adhere to laws and regulations, such as the *Bidding Law of the People's Republic of China*, and have established a number of sound internal management systems, such as *Supplier Control Procedures* and *Procurement Control Procedures*. We constantly improve the management mechanisms of various links, such as supplier sourcing, access, evaluation, and grading, to ensure the transparency and fairness of procurement work and to prevent illegal events.

Supplier admission

We have established a standardized and stringent supplier admission process and standards to strengthen the construction of our supplier pool. In the qualification review and evaluation of suppliers, we consider environmental, social, governance, and other factors. Only after they have passed the review will they be added to the list of qualified suppliers.



In addition, we have launched a Supplier Relationship Management (SRM) platform to digitize the entire lifecycle management of sourcing, bidding, execution, and quality control for supplier procurement.

Supplier evaluation

We have established an effective supplier evaluation and assessment process and mechanism, and we conduct monthly and annual evaluations. We categorize suppliers into four rates based on the assessment results (A, B, C, D). We offer preferential treatment to high-quality suppliers at levels A and B, such as priority consideration and order allocation. We actively conduct problem analysis and provide assistance for improvement for suppliers at levels C and D that require improvement. They will be removed and disqualified as suppliers if they show no improvement or if their improvement does not meet our standard. We have mobilized existing suppliers' enthusiasm to improve supply quality and promote the construction of a high-quality supply chain through dynamic and continuous monitoring and evaluation of suppliers' supply capacity and enthusiasm.

Communication and assistance for suppliers

We maintain good and close communication with our suppliers. Through online and offline training, videoconferencing, mail, and other methods, we regularly conduct various types of supplier training and communication on product quality, after-sales service, technical challenges, and environmental management. Our selection process prioritizes local suppliers, and we give long-term partners with operational issues special attention.

We conducted over 400 supplier training and exchange activities in 2022, enhancing suppliers' ability to deliver products and comprehensively deepening technical and business cooperation.



By the end of the reporting period, we have had a total of

326 suppliers

The number of suppliers categorized by region is

China

324 entities

Overseas

2 entities

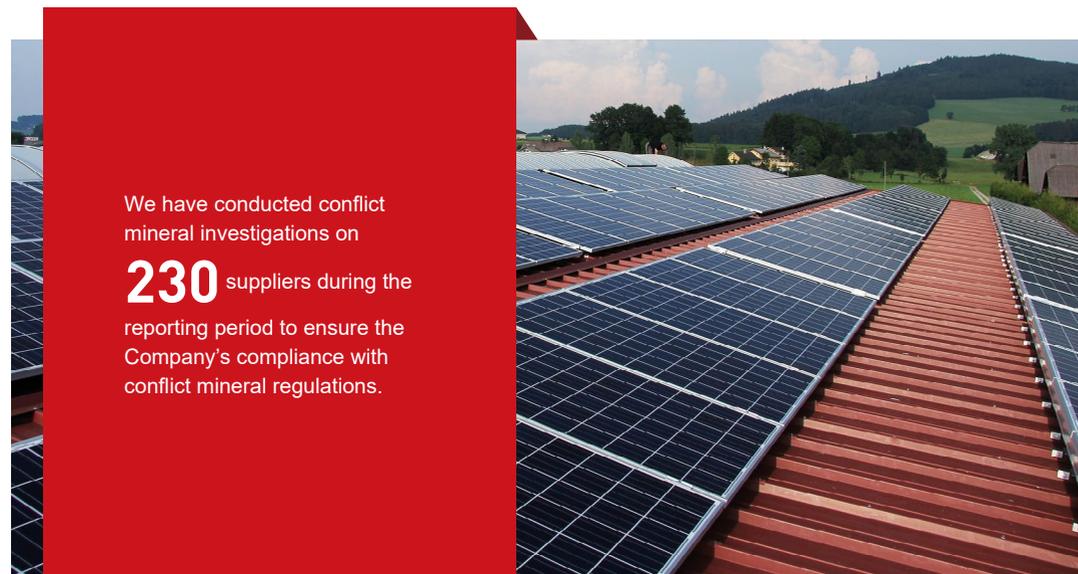
Sustainable supply chain

Supply chain risk management

GoodWe firmly believes that a stable supply chain system is an important cornerstone for achieving sustainable development. We strictly comply with 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 on anti-bribery and anti-corruption. We continuously strengthen the integrity and governance of the supply chain, require suppliers to sign integrity agreements, and regularly promote business ethics.

We have completed the preliminary evaluation of supplier risks and the investigation of conflict minerals, and we have required suppliers to provide the *Conflict Minerals Report* and sign the *No-Use of Conflict Minerals Commitment*.

In addition, in 2022, we strengthened the construction of material warehouses and signed strategic supply agreements with seven key suppliers to ensure the stability of the Company's supply chain in response to the challenges posed by various emergencies.



Green supply chain

We combine green manufacturing theories and supply chain management technologies based on the concept of sustainable development in response to China's goal of "carbon neutrality." To ensure a safe, efficient, and green supply chain, we conduct regular green audits and supplier evaluations based on institutional documents such as the *Green Procurement Guidelines*.

To reduce the environmental impact of our products, we require our suppliers to strictly adhere to our management regulations such as the *Hazardous Substance Control Procedures* and *Restricted Substances Specification*. During the procurement process, we also require them to sign a *Quality Agreement* to ensure that their products meet the requirements of international environmental laws and regulations and the specifications for green and environmentally friendly products.

Furthermore, during supplier development and maintenance, we actively promote the installation of green energy solar PV power stations by our partners, and we take environmental protection measures such as recycling packaging materials and transforming frequency conversion equipment to form an environmental alliance with our suppliers.

05

Collaborative WE Future: Talent Gathering

We always adhere to the principle of “striver-centered” principle and work hard to protect and safeguard employees’ legitimate rights and interests. The Company invests continuously in attracting and cultivating talents, maintaining organizational vitality, and protecting employee health in order to achieve mutual growth with talents.

- Protecting the Legitimate Rights and Interests of Employees
- Promoting Employee’s Career Development
- Safeguarding Employee Health and Safety
- Focusing on Humanistic Care

This chapter responds to UN Sustainable Development Goals (SDGs)



Protecting the Legitimate Rights and Interests of Employees

Recruitment and Employment

GoodWe actively responds to the *United Nations Global Compact*, follows the initiative of the International Labor Organization's core conventions and complies with national laws and regulations such as the *Labor Law of the People's Republic of China* and the *Labor Contract Law of the People's Republic of China*. By implementing internal policies and systems such as the *Social Responsibility Management System*, the *Recruitment Management Measures*, and the *Employee Handbook*, the Company practices legal and compliant employment and effectively safeguards employees' rights and interests.

We commit to putting into effect the *Provisions on the Prohibition of the Use of Child Labor*, establishing corresponding internal policies and procedures, and enforcing strict compliance with them from all staff members and stakeholders, including but not limited to suppliers and customers. At the same time, we firmly eliminate the use of child labor and other forms of forced labor while enhancing background checks on job applicants during the hiring process.

To ensure that employees have access to fair and just career development opportunities, we adopt a zero-tolerance policy toward workplace discrimination, harassment, and bullying, and we eliminate all forms of discrimination based on ethnicity, race, gender, region or nationality, social class, political affiliation, and other factors. Furthermore, we are deeply concerned about vulnerable groups' rights and interests, and we have collaborated with the Suzhou Disabled Persons Federation to actively promote the employment of people with disabilities.

GoodWe has had a total of **3,330** employees as of the end of the reporting period



100%
labor contract signing rate

100%
social insurance coverage rate

Salary and Welfare

In accordance with relevant national laws and regulations, we have developed management measures such as the *General Principles of Salary Management System*, *Company Equity Incentive System*, and *General Principles of Employee Performance Improvement Assessment Management Policy*, continuously improving the salary and welfare management system and providing employees with competitive salary and benefits.

Statutory benefits	Universal benefits	Special benefits
Social insurance; housing provident fund; statutory holidays	Cash gift for holiday, birthday, wedding and maternity; health check-up; communication preferential benefits; fitness facilities, reading room, etc.	Supplementary commercial insurance; financial aid for serious illness; loving fund; fund for department activities, etc.

We have put in place a long-term incentive mechanism to fully motivate employees and effectively align the interests of the Company, employees, and shareholders, thereby promoting the Company's long-term development. We have launched a new restricted equity incentive plan during the reporting period and awarded a total of 85 awards to technical experts, outstanding contributors, and core employees.

In 2022, we also optimized the performance management system using the "top-down distribution and bottom-up acceptance" principle to ensure work objective formulation and evaluation effectiveness and reasonableness. Furthermore, we have provided all employees with opportunities for salary review and adjustment in order to better attract, retain, and motivate exceptional talent.

Employee communication

Democratic communication

GoodWe strictly abides by relevant 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 *Trade Union Law of the People's Republic of China*. We have established the *Employee (Member) Representative Congress Implementation Management System*, *Equal Consultation System*, *Trade Union Work System*, and other policies to protect the rights of all employees to freely establish and participate in unions and participate in collective negotiation. The Company has signed a *Collective Contract* with the union, including a *Special Collective Contract on Wages*, a *Special Collective Contract on Labor Safety and Health*, and a *Special Collective Contract on the Protection of Female Employees*, comprehensively protecting employees' legitimate rights and interests.

We value employee communication and encourage them to make constructive suggestions to company management. We've set up various channels for employee communication, such as a transparent communication platform, a rationalization suggestion platform, a Good's mailbox, employee meetings, and interviews and surveys. We require company management or responsible departments to respond to employee opinions and suggestions in writing or in person within ten working days, ensuring that employee demands are addressed in a timely and effective manner.

Case The GoodWe Union Member Representative Conference of 2022

GoodWe has always adhered to democratic management and created a respectful, free, and equal democratic atmosphere in all aspects. In 2022, GoodWe held its second Union Member Representative Conference, where employee representatives jointly discussed and formulated solutions for various issues including working environment, employee benefits, talent development, and employee health. Several democratic regulations and systems were passed, such as the *Procedure and Management Measures for the Distribution of Employee Welfare Products* and the *System for Assisting Employees in Difficulties*.



Employee satisfaction survey

We place a high value on our employees' expectations and demands and conduct an annual employee satisfaction survey. We conducted a survey in 2022 with 12 questions centered on four dimensions: basic needs, management support, teamwork, and common growth. Employee satisfaction was rated 4.39 out of 5 stars.

We have launched several improvement projects to address various issues identified in the satisfaction survey, such as promoting corporate culture, enhancing management team leadership skills, and improving team cohesion, among others. These projects have increased interaction between departments and increased employees' sense of belonging and satisfaction.

Employee satisfaction was rated

4.39 out of 5 stars

During the reporting period, GoodWe has received

multiple

awards and recognitions in the field of human resources



Certificate of China Talent Management Culture Examples 2022



"Suzhou Best Employer" 2022

Promoting Employee's Career Development

GoodWe firmly believes that talent is the most valuable resource and sees employee development as a critical foundation for the Company's long-term sustainable development. We implement the concept of "growing together with talents" and offer our employees a fair, diverse, and broad development platform.

Diversified employee promotion

We have established a solid employee promotion system and developed internal regulations such as the *Management Measures for the Promotion of Front-line Employees* and the *GoodWe Cadre Qualification Management System*. We have created a diverse and clear career development path for employees in various functional positions such as management, technology, and production.

We evaluate our employees holistically, adhering to the principles of clear standards and open processes through the review of the Human Resources Committee, 360-degree evaluation, debriefing, and so on, creating a platform for employees' vertical in-depth development and rank promotion. At the same time, we have invited third-party experts to oversee the evaluation data and make every effort to build a fair, scientific, and reasonable promotion mechanism.

Employee promotion program

Building a multi-dimensional development platform for employees within each functional system to achieve promotion based on five dimensions: comprehensive basic abilities, professional knowledge, moral quality, behavioral standards, and working capabilities.

Technical expert promotion program

To strengthen the construction of R&D and management expert teams, we have launched a technical expert promotion program and tailored training plans for core technical employees, in order to cultivate the core competitiveness of the enterprise and promote its long-term development.

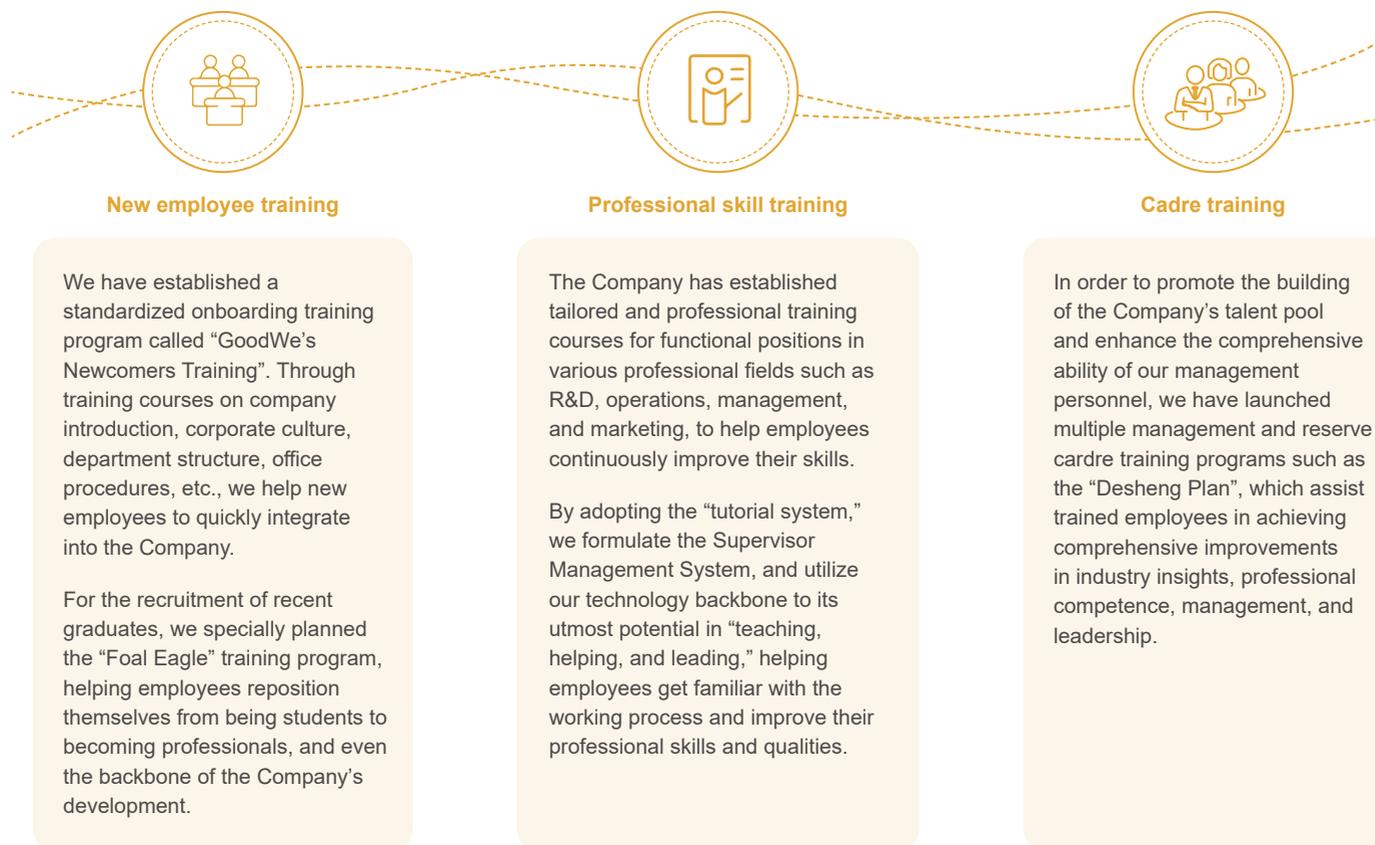
GoodWe's Talent Pool

The internal talent mobility platform of the Company helps employees to switch career paths and achieve diversified development. During the reporting period, a total of nine employees found new career development opportunities through the GoodWe's Talent Pool.



Employee skill enhancement

GoodWe values long-term talent development and is committed to creating a learning-oriented enterprise system. According to the *Employee Training Management System*, we have established a training system based on the job training, with a focus on career training supplemented by self-learning. To assist employees in achieving all-around capability enhancement, we make full use of various resources, actively enrich training methods, and expand training channels.



GoodWe fully supports all employees in their pursuit of academic degrees and professional qualifications. We collaborate with the Suzhou City Federation of Trade Unions and the High-Tech Zone Federation of Trade Unions to provide adults with higher education programs leading to a promotion from a junior college diploma to an undergraduate degree, as well as adult education programs leading to a promotion from a vocational school or high school education to a college education. These programs assist employees in improving their academic credentials and award education awards upon completion. Furthermore, we have launched the "PM Running Plan," which encourages employees to apply for Project Management Professional (PMP) certification and provides full reimbursement.

During the reporting period,
Employee training duration

74,985 hours

Employee training

118 sessions

Employees covered by the training

26,892 participants

Training hours per employee

24.9 hours

Safeguarding Employee Health and Safety

We strictly adhere to the *Work Safety Law of the People's Republic of China*, the *Fire Prevention Law of the People's Republic of China*, and other occupational health and safety laws and regulations. To implement production safety and to practice the safety management goal of zero accidents and zero injuries in overseas factories prevention and control, we also developed internal systems such as the *Social Responsibility Management System* and the *"Five Simultaneities" Management System for Production Safety*. To ensure the implementation of safety management, we continuously strengthen the safety responsibility system, have established safety management responsibility zones, and have normalized supervision and management mechanisms. We also require all staff to sign the performance assessment of the production safety responsibility system. We have passed the ISO 45001 Occupational Health and Safety Management System certification as well as the national second-level safety standardization assessment.

GoodWe had **no** major safety incidents or work-related injuries during the reporting period.

Work safety

By implementing a dual prevention mechanism, the Company enhances its risk identification and evaluation system for the benefit of workplace safety. We actively conducted safety risk assessment work in 2022 and oversaw each accountable unit to put corrective measures in place for the 12 high-risk areas that were identified, including the storage of flammable materials, toxic material leaks, and work in confined spaces.

Additionally, we have established a reliable emergency management system outlining the emergency response process, responsibility distribution, and operating procedures for safety accidents. This is done to deal with the impact of extreme weather conditions and scenarios on product safety. The Company regularly holds emergency drills to improve everyone's capacity for risk response and accident avoidance.

The Company has conducted **3** safety emergency drills during the reporting period, covering fire evacuation, chemical spills, and elevator accidents.



We actively conduct regular safety education and training, focusing on promoting relevant topics such as laws and regulations, occupational health, safety behavior, and emergency rescue to cultivate safety awareness among all employees and promote the implementation of safety production responsibilities.

During the reporting period, we conducted over 300 hours of safety training, with a total coverage of 9,644 participants.

Case Safety Month Activity

In 2022, we carried out a Safety Month Activity with the theme of "Compliance with Production Safety Laws and Being a Responsible Person". Through various forms such as comprehensive knowledge training, knowledge contests, emergency drills, and themed meetings, we effectively enhanced the safety awareness of employees and comprehensively deepened the safety management of the Company.





Occupational health

The Company strictly complies with the *Occupational Disease Prevention and Control Law of the People’s Republic of China*, and has formulated internal occupational health and safety systems such as the *Occupational Diseases Prevention and Control Management System*, the *Occupational Hazard Notification System*, the *Occupational Hazard Detection and Evaluation Management System*, ensuring its employees’ health and safety in an all-round way.



Occupational hazard monitoring

- To create a healthy and safe working environment, we regularly carry out occupational hazard identification on production sites.

During the reporting period, we commissioned qualified third parties to conduct annual testing of occupational hazard factors, and based on the test results, we conducted current situation analysis and evaluation.



Occupational hazard notification

- For positions with occupational health hazards, we provide clear occupational hazard risk and disease prevention and control measures to employees before they take up their positions, and provide them with necessary protective equipment to ensure their health and safety.



Occupational health examination

- For employees exposed to occupational hazards, the Company provides regular occupational health examinations and establishes occupational health monitoring records to track and manage their health status.

In addition, we provide all employees with annual health checks, accident and critical illness double insurance, psychological counseling, and other benefits to fully support their physical and mental health.

Case “Mind Station” Employee Service

We have established the “Mind Station” welfare program to fully safeguard the mental health of employees. The program includes multiple services such as intelligent psychological robots, relief stations, psychological reports, and interesting encyclopedias.

In 2022, the “Mind Station” launched the “E-heart Care” application, providing employees with professional services such as a 24-hour mental health emergency hotline, online video consultations, and offline one-on-one counseling appointments. With a scientific, rigorous, and thoughtful attitude, the program helps employees face work and life with a positive and healthy mentality.

Focusing on Humanistic Care

We care about our employees' well-being and actively participate in a variety of employee care and recreational activities, fostering a harmonious and friendly corporate culture and making every effort to improve employees' sense of belonging, identity, and satisfaction.

Conducting employee care

Helping needy employees

We consider all GoodWe employees to be family members and actively promote a spirit of solidarity and mutual assistance. We provide comprehensive assistance based on the *Company's Management System for Assisting Needy Employees* to those who are experiencing economic difficulties due to various special circumstances, including financial assistance, injury and illness condolences, and humanistic care to help needy employees and their families overcome difficulties. During the reporting period, we assisted two needy employees.

Care for female employees

To protect female employees' rights and promote an equal workplace environment, we actively respond to national policies and strictly adhere to administrative regulations such as the *Regulations Concerning the Labor Protection of Female Staff and Workers*. The Company is committed to preserving female employees' legal rights to paid marriage leave, maternity leave, breastfeeding leave, and other statutory holidays, and it offers additional benefits such as women's health checkups, "mommy stations," and expert breastfeeding courses. Furthermore, we invite special lawyers to give lectures and consultations on legal protection to all female employees in order to help them protect their legal rights.



In 2022, GoodWe was awarded the **“Carnation Service Station for Female Workers”** by the Suzhou General Federation of Trade Unions, in recognition of our full care for female employees.



Enriching employee's lives

We value our employees' work-life balance and actively promote a positive and uplifting corporate culture by providing heartfelt holiday greetings and a variety of cultural and sporting activities. We strive to create a space for our employees to practice their artistic abilities, showcase their talents, and express themselves. This promotes a healthy and positive environment, as well as a bright and optimistic outlook.



A Rich and Colorful Festival Carnival



Case Good-date Family Day event

Every year, we invite employees' family members to participate in our Good-date Family Day event. We organize a variety of activities such as communal family dinners, tours of our smart workshop and office areas, and children's playgrounds to strengthen the trust between our employees and their families with the Company, and to enhance employee cohesion.



Case "FUN Love, and Joy" Employee Sports Meet

In 2022, we held the "FUN Love, and Joy" Employee Sports Meet, featuring four competitive events: badminton, basketball, table tennis, and tug-of-war. The teams from various departments worked together, fought hard, and, while promoting physical fitness and enhancing team cohesion, also strengthened and elevated the corporate spirit of "striver-centered," at GoodWe.



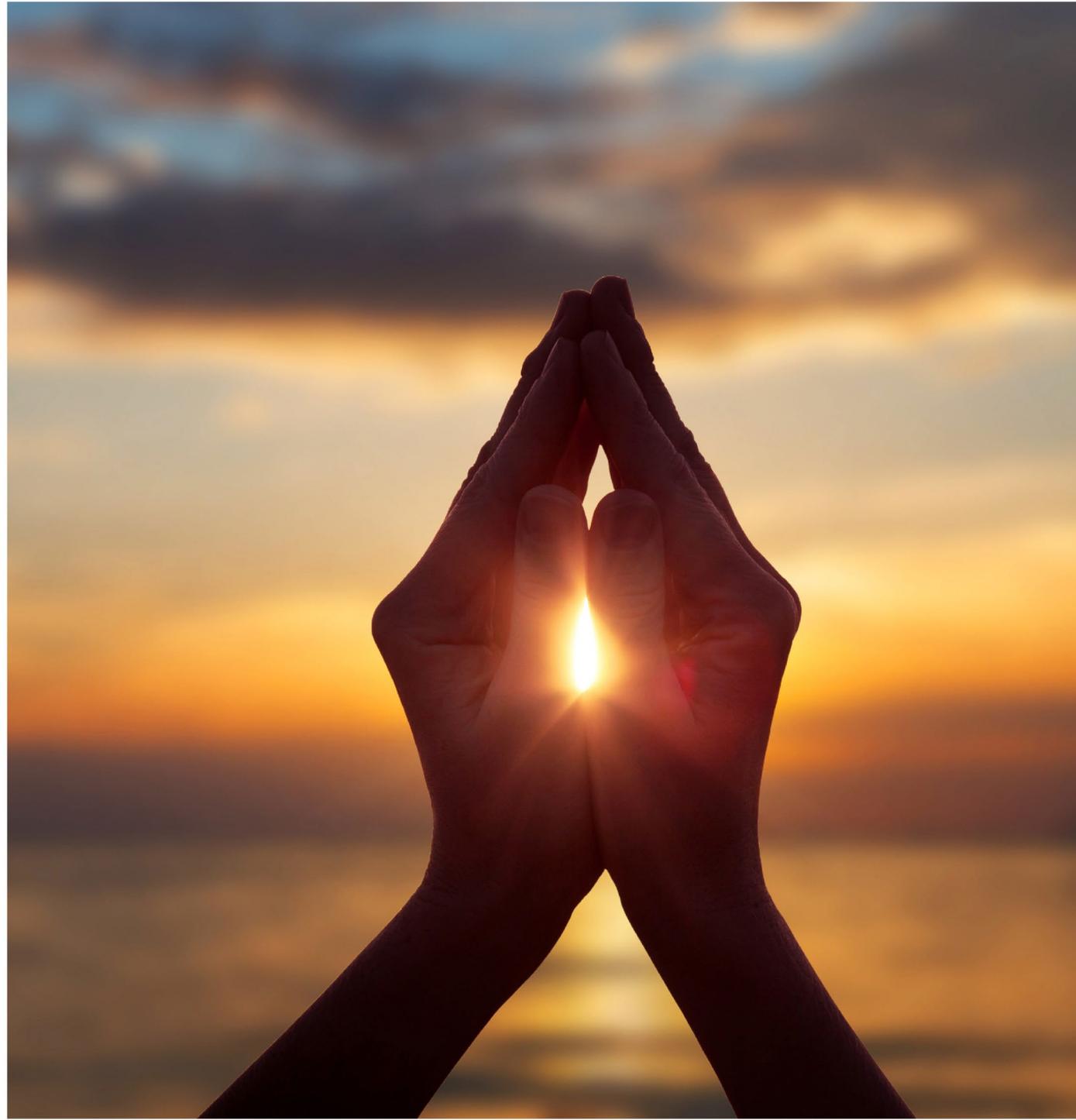
06

Beneficial WE Future: Community Empowerment

GoodWe adheres to the value concept of win-win co-creation, continuously promotes the empowerment of community development, vigorously carries out community public welfare undertakings, actively contributes to rural revitalization, and regularly promotes green and energy-saving concepts to society.

- Dedicated to Social Public Welfare
- Promoting Common Prosperity in Rural Areas
- Advocating the Concept of Green and Energy-Saving

This chapter responds to UN Sustainable Development Goals (SDGs)



Dedicated to Social Public Welfare

The Company adheres to the development philosophy of “remembering where one’s happiness comes from and giving back to society” and does its utmost to give back to society, shoulder corporate responsibility, and carry out various public welfare projects, such as establishing a public welfare fund, organizing volunteers to provide support and help, supporting the government’s “Pillar Project,” and so on. These efforts have sparked the flame of public welfare and spread its power.

Case Donating ES series hybrid inverters to Universitas Muhammadiyah Sukabumi in Indonesia

In 2022, GoodWe donated its ES series bidirectional energy storage inverters to Universitas Muhammadiyah, a prestigious university in Indonesia, to help the school address power outage concerns, achieve green energy transformation, and further advance Indonesia’s carbon neutrality goals, leading the popularization of green energy. In addition, GoodWe has established training courses on solar energy storage system technologies at the university, explaining the principles of solar energy usage to students. More than 3,000 students have participated in this training course.



GoodWe Donation Ceremony



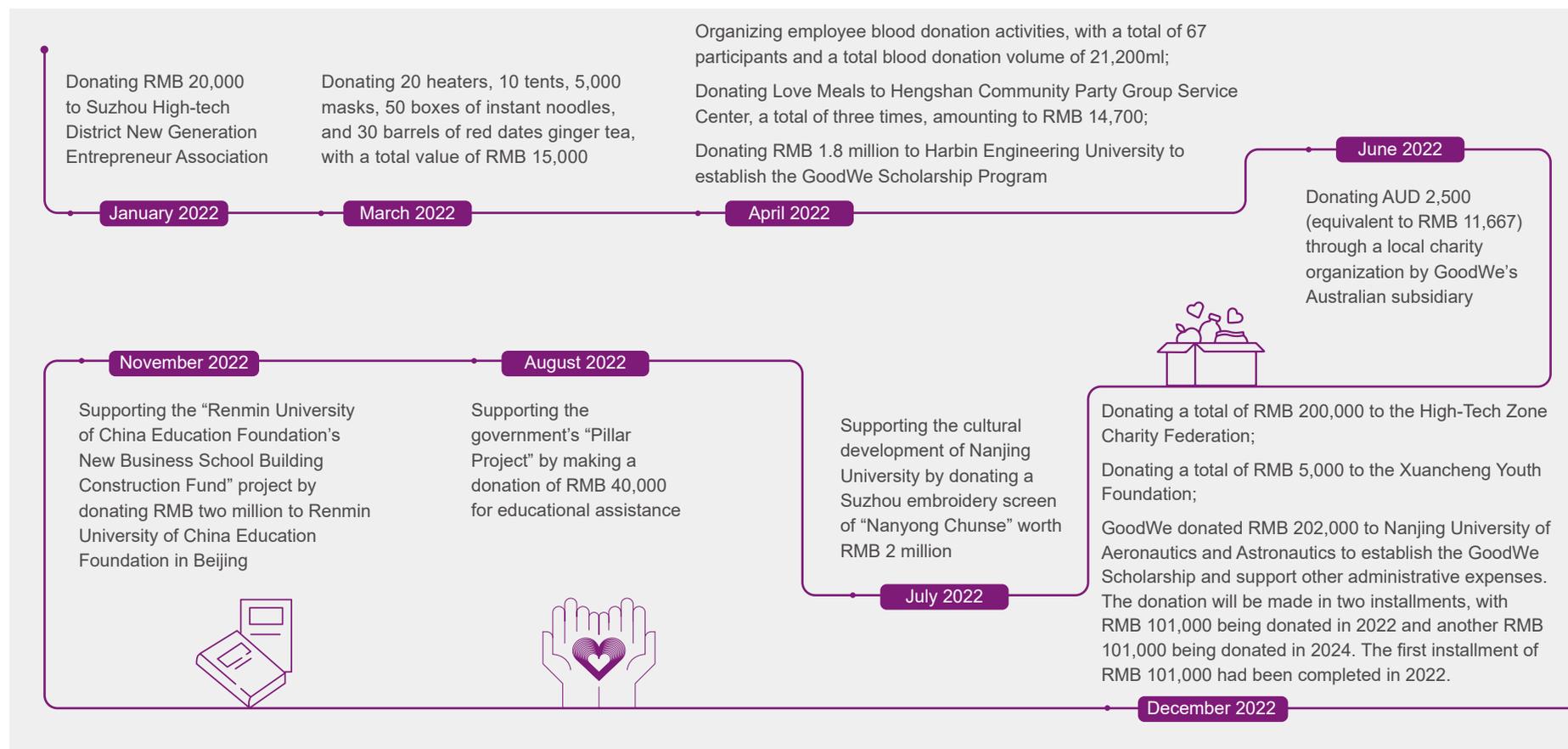
Training Courses on Solar Energy Storage System Technology

Case Donating SDT G2 10kW inverters to Energy Training and Research Center (ETRC) in Pakistan

In 2022, GoodWe donated the latest SDT G2 10kW inverters to the Energy Training and Research Center (ETRC) in Pakistan and established a long-term partnership with ETRC. With GoodWe’s technological advantages, the inverters can provide 98.3% energy efficiency and lower maintenance costs, helping ETRC implement and achieve its educational concept of sustainable development, promote the widespread use of green energy in Pakistan, and make a positive contribution to addressing climate change.



GoodWe Donation Ceremony



Quantitative Performance Indicator		Unit	2022
Volunteering	Volunteering activities	Session	8
	Volunteering activity duration	Hour	160
	Employees participating in volunteering activities	Person	24
	Number of volunteers	Person	20
Public welfare	Total public welfare donations	RMB 10,000	470.77

Promoting Common Prosperity in Rural Areas

GoodWe continues to contribute to poverty alleviation by traveling to mountains and villages to donate and build solar power stations, responding to and fully implementing the rural revitalization strategy, conveying warmth and strength to rural areas, and expressing the Company's sincere heart and deep emotions. As of 2022, the Company has partnered with its partners to construct PV power stations for low-income families in Jiangsu, Henan, Hebei, Hubei, and other regions, with a total investment of more than RMB one million.



Case Public welfare project in Jingdong Village, Huai'an City

In 2022, GoodWe implemented a public welfare project by donating a public welfare power station worth more than RMB one million to Jingdong Village, Huai'an City. The installed capacity of the power station is about 248.4 kW. Through the public welfare power station project, the Company will help Jingdong Village achieve an expected annual power generation of 300,000 kWh, save 120 tonnes of standard coal per year, reduce carbon dioxide emissions by nearly 299.1 tonnes, and generate an annual economic income of RMB 100,000. This will greatly improve the infrastructure and promote the modernization and beautiful rural development of Jingdong Village.



Public Welfare Power Station, Empowering Rural Areas

Case Poverty alleviation and assistance for elderly people in rural areas

In 2022, GoodWe continued to promote the spirit of "everyone for me, me for everyone" in public welfare. Covering more than 700 kilometers from Jiangsu to Henan, from Dongtai to Anyang, the Company has donated PV power stations to dozens of disadvantaged households, supported poverty-stricken elderly people with PV power generation, and conveyed the warm power of resistance to difficult living conditions.



Xuzhou, Jiangsu



Longyan, Fujian



Dongtai, Jiangsu



Anyang, Henan

Case GoodWe helped the whole county promote "green and zero carbon" practices

In 2022, GoodWe initiated the "PV+" model in response to the national strategy of promoting the construction of Whole-county promotion of "PV village" and assisting rural revitalization through energy transformation and technological poverty alleviation. Based on the clean and reliable nature, as well as stable income of PV power generation, the Company has selected areas with better solar resources and implemented targeted poverty alleviation measures to promote stable and increased income for poor populations. Meanwhile, the Company has constructed a smart energy management platform, connecting rural power stations into a smart energy network and forming a regional cluster of power stations, laying the foundation for a regional new energy system and contributing to the construction of a zero-carbon rural China, in order to achieve high-quality common prosperity.

Advocating the Concept of Green and Energy-Saving

GoodWe actively takes on corporate responsibility and responds to the national call for “carbon peaking and carbon neutrality” goals by promoting green energy knowledge through various platforms, advocating energy conservation and consumption reduction, implementing green office initiatives, and practicing corporate responsibility in order to deepen the concept of green energy conservation.

Case GoodWe’s PV knowledge publicity

As a leading company focusing on PV inverters and smart energy solutions, GoodWe actively shoulders its social responsibility. In 2022, we actively spread green knowledge by posting videos on short video platforms such as Tiktok, Kuaishou and Bilibili. We spread knowledge about PV power generation to the society and comprehensively promote our hardware and software products such as PV building materials, PV inverters, energy storage and charging, energy storage batteries, and smart energy management platforms on social media platforms, in order to raise public awareness and understanding of PV technology.



PV Knowledge Publicity

Case Improvement of PV safety solutions

With the increasing application of PV in government agencies, schools, hospitals, and other commercial projects, PV power plant facilities show an explosive growth trend, and the number of PV power plant fire accidents caused by DC side faults also increases. As a leading group in PV inverters, GoodWe has empowered its safety solutions with new technologies through technological iteration. GoodWe has developed the AFCl 3.0 solution, which ensures no leakage or misreporting of dangerous incidents and provides the fastest protection by detecting and cutting off power to electrical arcs within 0.1 seconds, showcasing its responsibility in enhancing overall safety in the PV industry.

detecting and cutting off power to electrical arcs within
0.1 seconds

Appendix

Quantitative Data Table

Economic Performance

Quantitative Performance Indicator	Unit	2021	2022
Total assets	CNY	3,714,703,328.03	5,798,746,253.67
Operating revenue	CNY	2,678,113,764.75	4,710,236,539.05
Net profits attributable to the shareholders of the listed company	CNY	279,535,000.04	649,288,216.90
Basic earnings per share	CNY/ share	2.27	5.27
Rate of return on common shareholders' equity	%	18.12	33.18

Corporate Governance

Quantitative Performance Indicator	Unit	2021	2022
Shareholders Meeting	session	7	9
Resolutions passed by the Shareholders Meeting	item	19	44
Meeting of the Board of Directors	session	13	14
Resolutions passed at meetings of the Board of Directors	item	45	82
Meeting of the Board of Supervisors	session	8	11
Resolutions passed at meetings of the Board of Supervisors	item	25	43

Integrity

Quantitative Performance Indicator	Unit	2021	2022
Percentage of employees signing the Letter of Integrity Commitment	%	100	100
Anti-corruption training	session	12	12
Trainees of anti-corruption training	person	459	692

Environmental

Quantitative Performance Indicator	Unit	2021	2022	
Resources Used	Comprehensive power consumption	MWh	21,100.08	14,540.11
	Natural gas	m ³	30,689	37,964
	Total water consumption	tonne	31,835	45,570
Total waste gas emissions	m ³	73,244,000	73,244,000	
Total dust discharge	tonne	0.0624	0.0418	
Total effluent discharge	tonne	25,468	36,456	
Hazardous waste	Waste chemical packages, waste cleaning agent, and waste activated carbon	tonne	23.52	35.61
	Grease tank waste	tonne	1.80	2.50
Non-hazardous waste	Yard waste	tonne	0.50	0.50
	Household waste	tonne	21.60	30.20
	Kitchen waste	tonne	21.60	30.20

Employment

Quantitative Performance Indicator		Unit	2021	2022
Total workforce		person	2,223	3,330
By function	Production personnel	person	928	1,196
	Sales personnel	person	256	494
	R&D personnel	person	615	862
	Finance personnel	person	33	43
	Administrative personnel	person	161	312
	Operational support personnel	person	185	379
	QC personnel	person	45	44
By academic degree	Master's degree and above	person	178	267
	Undergraduate	person	868	1,216
	Junior college	person	421	545
	High school and below	person	756	1,302
Percentage of employees signing labor contracts		%	100	100
Coverage of social insurance		%	100	100

Employee Training

Quantitative Performance Indicator	Unit	2021	2022
Total employee training hours	hour	37,158	74,985
Employee training	session	118	127
Trainees of employee training	person	12,020	26,892
Average hours of training per employee	hour	24.7	24.90

Occupational Health and Safety

Quantitative Performance Indicator	Unit	2021	2022
Work-related deaths	person	0	0
Work-related injuries	person	2	0
Lost time due to work-related injuries	hour	936	0

Products and Services

Quantitative Performance Indicator	Unit	2021	2022
Complaints or legal actions concerning misleading or deceptive promotional information	case	0	0

R&D

Quantitative Performance Indicator	Unit	2021	2022	
R&D investment	CNY	188,465,218.24	347,822,537.83	
R&D personnel	person	615	862	
Percentage of R&D personnel in the total workforce	%	27.67	25.89	
Patents	New invention patents	item	13	13
	New utility model patents	item	34	50
	New design patents	item	12	19
	Total new patents	item	59	82
	Invention patents held	item	44	57
	Utility model patents held	item	82	124
	Design patents held	item	18	34
	Total patents held	item	144	215
Trademarks	New trademarks	item	1	52
	Total trademarks held	item	35	87

Supplier Management

Quantitative Performance Indicator	Unit	2021	2022
Total production material suppliers	entity	180	326

Public Welfare

Quantitative Performance Indicator	Unit	2021	2022	
Volunteering	Volunteering activities	session	2	8
	Volunteering activity duration	hour	176	160
	Employees participating in volunteering activities	person	26	24
	Number of volunteers	person	54	20
Public welfare	Total public welfare donations	CNY 10,000	6.51	470.77

GRI Standards Index

Disclosure Item	Disclosure Title	Sections
<i>Universal Standards</i>		
GRI 1: Foundation		
GRI 2: General Disclosures		
The organization and its reporting practices		
2-1	Organizational details	P03-07
2-2	Entities included in the organization's sustainability reporting	P01
2-3	Reporting period, frequency and contact point	P01
2-4	Restatements of information	P03-07
Governance		
2-9	Governance structure and composition	P09
2-10	Nomination and selection of the highest governance body	P09
2-11	Chair of the highest governance body	P09
2-12	Role of the highest governance body in overseeing the management of impacts	P09-10
2-13	Delegation of responsibility for managing impacts	P09-10
2-14	Role of the highest governance body in sustainability reporting	P09-10
2-15	Conflicts of interest	P12
2-16	Communication of critical concerns	P12
2-17	Collective knowledge of the highest governance body	P12

Disclosure Item	Disclosure Title	Sections
2-19	Remuneration policies	P42
2-20	Process to determine remuneration	P42
Strategy, policies and practices		
2-22	Statement on sustainable development strategy	P02
2-23	Policy commitments	P02
2-24	Embedding policy commitments	For details, please refer to each chapter.
2-25	Processes to remediate negative impacts	P12
2-26	Mechanisms for seeking advice and raising concerns	P12
2-27	Compliance with laws and regulations	For details, please refer to each chapter.
2-28	Membership associations	P38
Stakeholder engagement		
2-29	Approach to stakeholder engagement	P12
GRI 3: Material Topics		
3-1	Process to determine material topics	P13
3-2	List of material topics	P13
3-3	Management of material topics	P13

Disclosure Item	Disclosure Title	Sections
<i>Topic Standards</i>		
GRI 205: Anti-corruption		
205-2	Communication and training about anti-corruption policies and procedures	P11
205-3	Confirmed incidents of corruption and actions taken	P11
GRI 206: Anti-competitive Behavior		
206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	P11
GRI 301: Materials 2016		
301-1	Materials used by weight or volume	P27
301-2	Recycled input materials used	P27
301-3	Reclaimed products and their packaging materials	P27
GRI 302: Energy		
302-1	Energy consumption within the organization	P29
302-2	Energy consumption outside of the organization	P29
302-5	Reductions in energy requirements of products and services	P27-29
GRI 303: Water and Effluents		
303-2	Management of water discharge-related impacts	P30
303-4	Water discharge	P30
303-5	Water consumption	P27

Disclosure Item	Disclosure Title	Sections
GRI 304: Biodiversity		
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	P25-26
304-2	Significant impacts of activities, products and services on biodiversity	P25-26
GRI 305: Emissions		
305-1	Direct (Scope 1) GHG emissions	P30
305-2	energy indirect (Scope 2) GHG emissions	P30
305-5	Reduction of GHG emissions	P28
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	P30
GRI 306: Effluents and Waste		
306-1	Waste generation and significant waste-related impacts	P30
306-2	Actions taken to prevent waste generation	P30
306-3	Composition of waste generated	P30
306-4	Recovery operations used to divert waste from disposal	P30
306-5	Disposal operations	P30
GRI 308: Supplier Environmental Assessment		
308-1	New suppliers that were screened using environmental criteria	P40
308-2	Negative environmental impacts in the supply chain and actions taken	P39-40

Disclosure Item	Disclosure Title	Sections
GRI 401: Employment		
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	P42
401-3	Parental leave	P48
GRI 403: Occupational Health and Safety		
403-1	Occupational health and safety management system	P46
403-2	Hazard identification, risk assessment, and incident investigation	P46-47
403-3	Guidance for Disclosure	P47
403-4	Worker participation, consultation, and communication on occupational health and safety	P46-47
403-5	Worker training on occupational health and safety	P46
403-6	Promotion of worker health	P46-47
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	P46-47
403-8	Workers covered by an occupational health and safety management system	P46-47
403-9	Work-related injuries	P46
403-10	Work-related ill health	P46-47
GRI 404: Training and Education		
404-1	Average hours of training per year per employee	P45
404-2	Programs for upgrading employee skills and transition assistance programs	P44-45

Disclosure Item	Disclosure Title	Sections
GRI 405: Diversity and Equal Opportunity		
405-1	Disclosure 405-1 Diversity of governance bodies and employees	P42
GRI 414: Supplier Social Assessment		
414-1	New suppliers that were screened using social criteria	P39-40
414-2	Negative social impacts in the supply chain and actions taken	P39-40
GRI 416: Customer Health and Safety		
416-1	Political contributions	P21-22
GRI 417: Marketing and Labeling		
417-1	Requirements for product and service information and labeling	P35
417-2	Incidents of non-compliance concerning product and service information and labeling	P35
417-3	Incidents of non-compliance concerning marketing communications	P35
GRI 418: Customer Privacy		
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	P35

Glossary

Abbreviation	Full name	Full name in Chinese
TÜV	Technischer Überwachungs Verein	技术监督协会
EuPD	EuPD Research	德国权威市场调研机构
SGS	Société Générale de Surveillance	瑞士通用公证行
CSA	Canadian Standards Association	加拿大标准协会
KTC	Korean Testing Certification	韩国机械电气电子试验研究院
UL	Underwriters Laboratories	美国安全检定实验室公司
IEEE	Institute of Electrical and Electronics Engineers	美国电气电子工程师学会
SPI	System Performance Index	系统性能指数
PCBA	Printed Circuit Board Assembly	印制电路板
BIPV	Building Integrated Photovoltaics	光伏建筑一体化
SDGs	Sustainable Development Goals	联合国可持续发展目标
CNAS	China National Accreditation Service for Conformity Assessment	中国合格评定国家认可委员会
AGV	Automated Guided Vehicle	智能搬运机器人

DOE	Design of Experiment	实验设计
EHS	Environment Health Safety	环境、职业健康安全管理体系
COD	Chemical Oxygen Demand	化学需氧量
ROHS	Restriction of Hazardous Substances	关于限制在电子电气设备中使用某些有害成分指令
EPE	Expanded Polyethylene	可发性聚乙烯
PCS	Power Conversion System	储能变流器
PGO	Photovoltaic Green-ecosystem Organization	绿色能源生态合作组织
APVIA	Asian Photovoltaic Industry Association	亚洲光伏产业协会
SRM	Supplier Relationship Management	报告中特指供应商全生命周期管理平台
UNGC	United Nations Global Compact	联合国全球契约
ILO	International Labor Organization	国际劳工组织
PM	Project Management	项目管理
PMP	Project Management Professional	项目管理专业人士资格认证
ETRC	Energy Training and Research Center	报告中特指巴基斯坦能源培训资源中心

Feedback Form

Thank you for reading the *2022 Social Responsibility Report of GoodWe Technology Co., Ltd.* To provide you and other stakeholders with more valuable information and further improve GoodWe's social responsibility management ability and level, we sincerely hope to listen to your valuable comments and suggestions on this report. Please give us your feedback through the following channels:

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What kind of stakeholders do you work for?

- Government and regulatory agency Shareholder and investor Customer
- Employee Supplier/Partner Environment Community
- Media and NGOs Others

This report provides a complete description of GoodWe's performance in environmental, social and governance.

- Yes Average No

This report responds to the expectations and requirements of GoodWe's stakeholders.

- Yes Average No

The quantitative information disclosure in this report is objective, accurate and effective.

- Yes Average No

The text of this report is clear and easy to understand.

- Yes Average No

The format design of this report is helpful in understanding relevant information.

- Yes Average No

What are your opinions and suggestions on GoodWe's social responsibility management and social responsibility report?



GOODWE

LEAD "WE" FUTURE OF SUSTAINABLE DEVELOPMENT