

Jinko Solar

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Optimize the energy portfolio and take responsibility for enabling a sustainable future

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Jinko Solar Co., Ltd. 2022 Environmental, Social and Governance (ESG) Report

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Description of the Report

This report is the second Environmental, Social and Governance (ESG) Report released by Jinko Solar Co., Ltd. (multiple corporate social responsibility reports have been publicly released previously). This aims to disclose to stakeholders the Company's philosophy, management methods, efforts, and results in ESG in the business process.

Compilation Basis

This report is mainly prepared based on the *SSE Guidelines No. 1 for Application of Self-Regulation Rules for Listed Companies - Standardized Operation*, *SSE STAR Market Guidelines No. 1 for Application of Self-Regulation Rules for Listed Companies - Standardized Operation*, and *SSE STAR Market Guidelines No. 2 for Application of Self-Regulation Rules for Listed Companies - Voluntary Information Disclosure*. Reference is also made to the *Global Reporting Initiative (GRI) Standards 2021*, the 2021 United Nations (UN) *SDGs – Guide to Corporate Sustainability (SDGs-2015)*, and *The Ten Principles of the UN Global Compact*.

Scope of the Report

This report covers Jinko Solar Co., Ltd. and its subsidiaries (referred to as "Jinko Solar", the "Company", "we").

The scope of corporate governance and social responsibility in the report is consistent with the scope of the combined financial statements of Jinko Solar (stock code: 688223. SH) for the same period, except for special instructions.

The performance related to environment, occupational health and safety in the report, unless otherwise specified, is the overall situation of the 14 production bases.

Reporting Period

This report covers the time range from January 1, 2022 to December 31, 2022. Unless otherwise specified, the data in this report are based on this period.

Data Description

The data and cases in the report all are derived from the official records of the actual operation of the Company. The financial data in the report is in RMB, unless otherwise specified. If the financial data are inconsistent with the Company's annual financial report, the annual financial report shall prevail.

Reporting Principles

- **Materiality**

The Company will identify material topics of high concern to stakeholders as the focus of this report. The report on material topics also gives consideration to the characteristics of the industry and location involved in the Company's operations.

- **Accuracy**

This report seeks for accuracy of information as much as possible. Among them, quantitative information measurement has established data caliber, calculation basis and assumptions. The Board of Directors of the Company undertakes that there are no false records, misleading statements, or significant omissions in this report.

- **Balance**

The content of this report reflects objective facts and the information disclosed is impartial. The Company retrieves the objects covered by this report through the open databases and found no major negative incident occurred during the reporting period that should be disclosed but was not disclosed.

- **Clarity**

This report is published in Simplified Chinese / English version. If there is any discrepancy between the two versions, the Simplified Chinese version shall prevail. The tables and explanations of professional terms in the report are auxiliary to the report content, so that readers can better understand the report.

- **Quantification and Consistency**

This report discloses the key quantitative performance indicators and, where possible, historical data. This report collects statistics and discloses same indicators during different reporting periods in a consistent manner. If stakeholders have any questions about the statistical and disclosure methods, please don't hesitate to contact us via email (ESG@jinkosolar.com).

- **Integrity**

The scope of disclosure in this report should be consistent with the scope of the Company's combined financial statements as much as possible, and the details have been described in the "Scope of the Report".

- **Timeliness**

This report is prepared on an annual basis, and the time range has been detailed during the "Reporting Period". The Company releases the report as soon as possible after the end of the reporting year to provide timely information reference for stakeholders' decision-making.

- **Verifiability**

The cases and data involved in this report come from original records or financial reports of the Company's actual operations, which have been described in detail in "Data Description".

Report Acquisition

This report is published in electronic form, and the information disclosure platform included that designated by the stock exchange. The report can also be viewed or downloaded online from the corporate social responsibility column of the Company's official website.

If you have any suggestions for this report, please feel free to contact us through the following methods:

- > Address: Jinko's HQ Workplace, No. 1, Lane 1466, Shenchang Road, Minhang District, Shanghai
- > Email: ESG@jinkosolar.com

Message from the Chairman

2022 is destined to be an extraordinary year. This year witnessed global extreme weather, sluggish and weak economic recovery, and struggling energy sources in various regions. Each and every one of us has sensed the profound impact firsthand. The *Global Risk Report 2023* of the World Economic Forum reveals that environmental and climate-related risks account for five out of the top ten short-term risks and four out of the top five long-term risks. The alarm has been issued and the crisis is approaching. If we do not press the brakes, it may be difficult to reverse the situation. This year, the 27th United Nations Climate Change Conference (COP27) was successfully concluded. According to the requirement in the *Paris Agreement*, national "carbon peaking and carbon neutrality" goals, and green economy development, climate governance and clean energy transformation have become a consensus among all humanity.

Jinko Solar has been listed on the SSE STAR Market for more than one year. Jinko Solar adheres to undertaking its responsibilities in its genes. This year, with the mission of "Optimize the energy portfolio and take responsibility for enabling a sustainable future", we have moved forward towards the vision of "Provide an one-stop solution for clean energy and become an industry leader". Light is a fair energy source. Jinko Solar is committed to providing clean, safe, affordable, and intelligent photovoltaic power globally through innovating photovoltaic technology and reliable photovoltaic products, in order to address climate change with economic, green, and feasible solutions. As of the end of 2022, we have achieved a module shipment volume of over 130GW, making us the first photovoltaic brand to reach this milestone in the global market.

Being a highly innovative and responsible global corporate citizen, Jinko Solar regards the sustainable development of all humanity as its own responsibility. To help alleviate the climate crisis, after joining the RE100, EP100 initiatives, and the United Nations Global Compact (UNGC), we have taken another major step - joining the Science Based Targets initiative (SBTi) and committed to achieving "net zero emissions" of GHG among the value chain by 2050. So far, we have established a GHG emissions list of the full value chain, and developed a low-carbon

transformation roadmap, to guide emission reduction actions. In addition, we continue to expand the diversified scale application scenarios of photovoltaic technology. Active layout has been made in building-integrated photovoltaics (BIPV), photovoltaic hydrogen production, energy storage, etc., thereby creating a new energy ecosystem. We seek to continuously improve module recycling rates through more efficient, environmentally friendly, and sustainable recycling technologies and processes. The high-value environmentally friendly treatment route developed by us not only allows the dismantling and recycling of aluminum frames, junction boxes, and glass, but also recycles silicon and metals in solar cells. By deeply exploring the value of product recycling and reuse, we raise the recovery rate of some materials up to 99%. We vigorously promote the development of the photovoltaic industry through communication and cooperation within and outside the industry. In 2022, as the only representative of the photovoltaic industry, we were invited to the G20 Finance Minister and Central Bank Governor Climate Transformation and Sustainable Financing Seminar. Since the 2016 Hangzhou B20 Summit, we have been nominated as a core member of energy, climate, resource efficiency and other special topic groups of the B20 for 7 consecutive years.

As of 2022, we have established 14 bases worldwide, including China, the United States, Malaysia, and Vietnam, as well as over 35 service centers and over 25 logistics centers. Our service network spans more than 160 countries and regions worldwide, and the Company is home to over 46,000 employees. The continuous development of Jinko Solar is inseparable from outstanding talents, and "fairness" is the key for us to attract them. Fairness has always been the first belief of Jinko Solar. Guided by this belief, Jinko Solar strives to create an "inclusive and diversified" workplace environment. Therefore, we have paid ongoing attention to the employee remuneration and benefits system and promotion paths. A sound employee training and development mechanism has been put in place. Communication and care channels have been completed. Every Jinko Solar person is empowered to release their potential on the Jinko Solar stage.

Jinko Solar is committed to not only improving product efficiency and low-carbon production operations and caring for every Jinko Solar person, but also focusing on the continuous improvement of ESG management architecture. In 2022, the Company conducted a new round of material topic research. We have identified and updated important ESG issues, and managed corresponding issues point to point, in order to timely identify risks and grasp opportunities. We regularly communicate with international institutions such as UNGC, participate in the Climate Ambition Accelerator (CAA) project, and learn advanced ESG management experience from outstanding enterprises on a broader stage. Our ESG management has become increasingly standardized, efficient, and reasonable, and our overall governance level and innovation vitality have significantly improved. *Fortune China*, *wallstreetcn.com*, *MIT Technology Review*, and *Forbes China* have positively rated the Company's ESG management.

With the belief of "Optimize the energy portfolio and take responsibility for enabling a sustainable future", Jinko Solar is steadily moving forward. To fulfill the mission, establish a new international image of China's photovoltaic brand, make greater contributions to the global climate crisis response, and promote sustainable development for all mankind, Jinko Solar is ready to move forward and flourish in a world where opportunities and challenges coexist.

Chairman of Jinko Solar

David Lee

Solar
JinKO





01

About Jinko Solar

Company Introduction

Overview of Jinko Solar

Jinko Solar Co., Ltd. (the "Company", or "Jinko Solar") (SSE: 688223) is one of the most famous and innovative solar technology companies in the world. Adhering to the mission of "Optimize the energy portfolio and take responsibility for enabling a sustainable future", the Company strategically lays out the core links of the photovoltaic industry chain. It focuses on the R&D of integrated photovoltaic products and integrated clean energy solutions, with sales leading the global mainstream photovoltaic market.

Jinko Solar serves more than 3,000 customers in more than 160 countries and regions around the world, and the company has ranked No.1 in global module shipments for years. By the end of 2022, the cumulative module shipments of Jinko Solar have exceeded 130GW.

Jinko Solar takes the lead in the industry to establish a "vertically integrated" production capacity from silicon material processing to wafer, cell and module production in the industry. It boasts 14 global production bases in China, Malaysia, Vietnam, and the United States. As of the end of 2022, the Company's mono wafer, solar cell and solar module production capacity reached 65GW, 55GW, and 70GW respectively. A 35GW N-type solar cell production capacity has been established. Jinko Solar has more than 1,900 R&D and technical employees and has won many honors such as "National Enterprise Technology Center", "National Technology Innovation Demonstration Enterprise", "Champion of Manufacturing", and has formulated many international and domestic industry standards such as IEC. Jinko Solar continuously expands the diversified application scenarios of photovoltaic technology, including building-integrated photovoltaic, photovoltaic hydrogen production, energy storage and other fields, and strives to create a new energy ecosystem.

Jinko Solar was listed on the STAR Board of the Shanghai Stock Exchange in 2022, and Jinko Solar Holding Co., Ltd., its indirect controlling shareholder, was listed on the New York Stock Exchange in 2010.



Business Layout



As a global leading manufacturer of crystalline silicon solar modules, we will continue to strive to expand our global production, logistics, sales, and service networks to meet the needs of customers.

14 global production bases	160+ products exported to 160+ countries and regions
120+ global marketing branches	3,000+ global customers

Jinko Solar always upholds the mission of "Optimize the energy portfolio and take responsibility for enabling a sustainable future" and the development vision of "Provide an one-stop solution for clean energy and become an industry leader". It practices its core values of "Customer-centered, contributor-oriented, continuous innovation against benchmarks, adherence to practicability". It continues to deliver clean energy products and services to the world and is committed to promoting the widespread application of photovoltaic power generation globally. Jinko Solar also facilitates the green and low-carbon transformation of global energy, thereby accelerating the path towards fully sustainable clean and smart energy on earth.

Corporate Culture



Mission

Optimize the energy portfolio and take responsibility for enabling a sustainable future



Vision

Provide an one-stop solution for clean energy and become an industry leader



Core Values

Customer-centered
Contributor-oriented
Continuous innovation against benchmarks
Adherence to practicability

Response to Initiatives

- Science Based Targets initiative (SBTi)

Undertake to establish science-based emission reduction targets and strive to achieve "net-zero emissions by 2050".

- RE100 initiative (100% Renewable Electricity)

Undertake to achieve 100% use of renewable energy by 2025.

- EP100 initiative (Energy Productivity 100)

Undertake to deploy the energy management system to all operational segments by 2030.

- Sustainable Markets Initiative (SMI)

As a founding member, we have joined the SMI China Council to help the Chinese business community make the China's voice heard and put forward China's proposal in global economic and environmental governance changes.

- United Nations Global Compact (UNGC)

Undertake to fulfill the Ten Principles of the UN Global Compact based on United Nations conventions, covering the areas of human rights, labour, environment, and anti-corruption, and report progress annually.

Key Performance

Economic Performance

Operating revenue
RMB **82.676** billion

Net profit attributable to shareholders of listed companies
RMB **2.936** billion

Total tax amount
RMB **1,513.8926** million

R&D investment
RMB **5.615** billion

Total number of R&D personnel
1,902

Number of accumulated patents granted
1,464

Environmental Performance

GHG (Scope 1 and Scope 2) emissions density
0.39 tCO₂e / RMB 10,000 revenue

Environmental publicity and education sessions
199

Number of pollution accidents
0

Total investment in energy conservation and environmental protection
RMB **697.5414** million

Hazardous waste generation density
1.33 kg / RMB 10,000 revenue

Annual raw water consumption density
4.17 tons / RMB 10,000 revenue

Social Performance

Total number of employees
46,494

Training sessions on production safety and occupational health
4,959

Total amount of external donations
RMB **5.3723** million

Total hours of employee training
2,348,951 hours

Per capita training hours for employees
50.52 hours

Total investment in production safety and occupational health
RMB **100.2003** million

Awards and Honors

Comprehensive

- 2022 selected as one of the "2022 Hurun China Top 500" for the first time, ranking the Top 50
- "China's Top 500 Private Enterprises" of All-China Federation of Industry and Commerce for 9 consecutive years, ranking 152nd in 2022
- Fortune China 500 for 8 consecutive years, ranking 309th in 2022
- Most "Bankable" PV Manufacturer by Bloomberg New Energy Finance for 8 consecutive years
- 2022 Shanghai Stock Exchange "SSE STAR Market 50 Index" and "SSE STAR Market Growth Index" Sample Companies
- 2022 MIT 50 Smartest Companies
- 2022 Forbes China 50 Most Innovative Companies
- 2022 Top 50 Best of Design by Fortune China
- 2021 Most Promising Clean Energy Technology by Forbes China
- 2021 "Enterprise of the Year Award" for Digital Transformation by Harvard Business Review
- 2021 China Clean Energy Innovation Excellence Award by Securities Daily
- 2021 China Top 500 Energy Companies by China Institute of Energy Economics Research, ranking 55th
- TOP 10 "Global Top 500 New Energy Enterprises" by China Energy Daily and China Institute of Energy Economics Research in 2021, ranking Top 10
- 2021 China's 500 Most Valuable Brands List by World Brand Lab, ranking 172nd
- 2021 "Outstanding Board of Directors" by 21st Century Business Herald
- 2021 "Annual Carbon Neutrality Model Enterprises" in Selection of China's Energy Carbon Neutrality Pioneers
- Green Builder Innovation of the Year Awards 2021 in the United States
- Annual Sustainable Development Contribution Enterprises in The 4th SRC Social Responsibility Conference in 2021

ESG-related

- 2023 Forbes Top 50 Sustainable Companies in China
- 2022 Top Ten Cases of Green Development by Beijing News
- "2022 Outstanding Practice Cases of ESG in Listed Companies by China Association for Public Companies
- 2022 Ernst & Young Sustainability Awards 2022 Outstanding Enterprise of the Year
- 2022 "China's New Growth · ESG Innovation Practices List" by Harvard Business Review
- "ESG Annual Innovation Experiment List" by wallstreetcn.com in 2022
- China ESG Golden Awards 2022 Best Social Responsibility Award by finance.sina.com.cn
- The Third ESG Enterprise Summit Zhiyuan Award "Environmentally Friendly Pioneer Enterprise Award" by cls.cn in 2022
- 2021 Best Enterprise Practices for Achieving Sustainable Development Goals by Global Compact Network China
- Included in the case report of Advancing the Green Development of the *Belt and Road Initiative: Harnessing Finance and Technology to Scale up Low-Carbon Infrastructure* of the World Economic Forum in 2021

Technology-related

- Awarded "Top Performer" by PVEL / DNV GL PV Module Reliability Scorecard for 8 consecutive years
- No.1 in the TÜV Rheinland "All Quality Matters" competition for 5 consecutive years
- 2023 "Top 100 Patents in the New Energy Industry" by yicai.com
- Private Enterprise R&D Investment and Invention Patent Top 500 by All-China Federation of Industry and Commerce in 2022, ranking No.1 in invention patents of module enterprises
- 2022 Green and Efficient TOPCon Technology Award by PV Committee of China Green Supply Chain Alliance and DEKRA Testing and Certification Shanghai Ltd.
- In 2021, 182 module products were included in the *Green Design Product Publicity List* by the Ministry of Industry and Information Technology of the People's Republic of China
- 2021 TÜV NORD "Outdoor Demonstration Quality and Efficiency Award" for Tiger Pro series module
- 2021 Ranked "Overall High Achiever" in the PVMI 2021 report published by the RETC
- 2021 "Top Photovoltaic Brand" for the Middle East and North Africa market by EuPD Research, a European authoritative research company

An aerial photograph of a lush green forest. A path of trees is cut out of the forest, forming a shape that resembles a smiley face. Inside the 'mouth' of the smiley face, the letters 'CO2' are formed by a dense line of trees. The sky is visible through the opening of the smiley face.

CO2

02

Annual Special Topic:
Embrace a Zero Carbon Future

Managing Climate Change Risks

Climate Risk Management System

Jinko Solar integrates climate change response methods into its business strategy and ESG goals. The Company has long been involved in external activities related to carbon emissions and climate change. We publicize climate change risks internally to raise public awareness of climate change. Jinko Solar's climate strategy demonstrates its courage to explore and move forward in climate actions. Our Climate strategies are put into practice to keep pace with international development trends.

For long-term business strategies to resist climate change, Jinko Solar refers to the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD) to build a climate change management system from four dimensions, i.e. governance, strategy, risk management, indicators and objectives. We identify climate risks and key response strategies through climate risk response, risk impact pathways and monetization, scenario analysis and other methods to enhance risk resilience capability.

Jinko Solar's Climate Change Risk Management System

- The Board of Directors has been paying long-term attention to climate change response methods. It takes into account the risks of climate change transformation and physical risks when making major decisions.
- An "ESG Committee" is established to prioritize reducing carbon emissions and addressing climate change, and report to the Board of Directors as a key topic from time to time.
- Indicators related to reducing carbon emissions and addressing climate change, such as the ratio of renewable energy use, are included in the annual evaluation of senior management, and linked to their remuneration.

- We continuously increase the ratio of renewable energy usage through measures such as purchasing and using green electricity, laying photovoltaic panels on factory roofs, photovoltaic distribution and storage, intelligent management of energy efficiency, energy conservation transformation of equipment, and upgrading to N-type technology to reduce single watt energy consumption.
- Emission reduction is gradually integrated into the supplier management system.



- We improve climate risk identification, and come up with environmental and climate risk prevention and control measures and various risk source emergency management systems, to actively respond to climate change challenges.
- We pay ongoing attention to the impact of climate change on the supply chain, and work together with upstream and downstream partners to enhance the comprehensive ability of the supply chain to climate risks resilience.

- We joined the EP100 initiative in 2019 and promised to deploy the energy management system to all operational aspects of the Company by 2030.
- We joined the RE100 initiative in 2019 and released the RE100 roadmap in 2020, with plans to achieve 100% renewable energy use in all plants and global operations by 2025.
- We joined SBTi in November 2021, committed to achieving "net zero emissions" of GHG among the value chain by 2050.
- Information is regularly disclosed on carbon emission projects, to respond to progress towards goals, and enhance transparency in information disclosure. In 2022, the Company responded to the CDP questionnaire for the first time.

GHG Inventory Management

Jinko Solar has listed GHG inventory as an important task for special management. The Company's GHG inventory mainly follows the ISO 14064 standard and expands the scope of verification year by year. In 2022, the Company added Yuhuan base, Yiwu base, Chuzhou base, Sichuan base, Malaysia base, Vietnam base, Chuxiong base, Hefei base, etc. to conduct GHG inventory according to ISO 14064.

Bases Subject to GHG Inventory According to ISO 14064 (Examples)

Serial Number	Base	ISO 14064
1	Shangrao Base	Verified
2	Haining Base	Verified
3	Yuhuan Base	Verified
4	Yiwu Base	Verified
5	Chuzhou Base	Verified
6	Sichuan Base	Verified
7	Malaysia Base	Verified
8	Vietnam Base	Verified
9	Chuxiong Base	Verified
10	Hefei Base	Verified



For the more efficient implementation of the inventory work, the Company has formulated the *Greenhouse Gas Management Regulations* as internal accounting guidelines, and established a dedicated GHG management team. A specialized budget is put in place to systematically promote greenhouse gas inventory management. The Company's GHG inventory is updated annually to ensure compliance with accounting standards. The Company also invites external experts to provide training on GHG management for ESG-related in-house personnel.



External experts are invited to train employees on GHG inventory

Setting of Science Based Targets

Jinko Solar responds to the commitment of the Chinese government to "peak CO₂ emissions before 2030 and achieve carbon neutrality before 2060". We take the initiative to address climate change, and helps to achieve the long-term goal of the *Paris Agreement* of "to limit the temperature increase to 1.5° C above pre-industrial levels". The Company has announced the signing and submission of the *Business Ambition for 1.5° C Commitment Letter* to SBTi, indicating our determination and commitment to set science based targets and strive to achieve net zero emissions among the value chain by 2050.

Establishing a comprehensive GHG emissions inventory is the first step in setting science based targets, as well as an important data foundation for the Company to identify major emission sources and track progress in emission reduction. In 2022, based on the latest *The Greenhouse Gas Protocol* and *SBTi Corporate Manual*, we systematically organized and established GHG emissions inventory including upstream and downstream of the value chain. Based on the methods and requirements proposed by the Science Based Targets initiative, we developed GHG emissions reduction goals and roadmap.

So far, we have completed the internal planning of emission reduction targets in accordance with the 1.5° C emission reduction path and the requirements of the *SBTi Corporate Manual*. The relevant data has been submitted to SBTi.



The targets submitted to SBTi are:

- Jinko Solar Co., Ltd. commits to reduce absolute Scope 1 and 2 GHG emissions 50.4% by 2032 from a 2022 base year.
- Jinko Solar Co., Ltd. commits to reduce Scope 3 GHG emissions from purchased silicon, glass, frame, cell, solar EVA, back-sheet, solder strip 58.2% per MW of solar modules, solar cells and silicon wafers produced by 2032 from a 2022 base year.

GHG emissions of Jinko Solar

Indicators ¹		Unit	2020	2021	2022
Direct (Scope 1) GHG emissions	Total	10,000 tCO ₂ e	2.75	3.85	5.99
	Stationary emission source			0.81	0.91
	Mobile emission source		2.75	0.72	0.87
	Fugitive emission source			2.32	4.21
Energy indirect (Scope 2) GHG emissions		10,000 tCO ₂ e	117.08	194.50	315.73
Other indirect (Scope 3) GHG emissions	Total	10,000 tCO ₂ e	/	1,208.19	1,713.14
	Upstream		/	1,165.19	1,648.68
	Downstream			43.00	64.46

Note 1:

- 1) The GHG emissions from 2021 to 2022 are calculated and reported based on *The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard* published by the World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCSD);
- 2) The GHG emissions data for Scope 1 and Scope 2 from 2021 to 2022 cover 14 bases and Jinko's HQ Workplace (located at No.1, Lane 1466, Shenchang Road, Minhang District, Shanghai) during the reporting period;
- 3) 2022 direct (Scope 1) GHG emissions - stationary emission source and energy indirect (Scope 2) GHG emissions data were verified by the third-party professional institution;
- 4) The calculation of other indirect (Scope 3) GHG emissions from 2021 to 2022 considered the actual situation and industry characteristics of Jinko Solar, and 13 of 15 categories related to Jinko Solar other indirect (Scope 3) GHG emissions are identified. The evaluation is conducted using a combination of data collected from suppliers and internal stakeholders, and estimated industry data. Upstream emissions of other indirect (Scope 3) GHG emissions mainly include purchased goods and services, capital goods, fuel and energy related activities, upstream transportation & distribution, waste generated in operations, business travel, employee commuting, and upstream leased assets. Downstream emissions of other indirect (Scope 3) GHG emissions mainly include downstream transportation & distribution, use of sold products, end-of-life treatment of sold products, downstream leased assets, and investments;
- 5) The increase in total emissions is mainly affected by the number of bases and workshops, production volume, and shipment volume.

Providing Zero Carbon Solutions

Jinko Solar is committed to providing clean, safe, affordable, and intelligent photovoltaic power globally through innovating photovoltaic technology and reliable photovoltaic products, in order to address global climate change with economic, green, and feasible solutions.

The Company's terminal product is solar photovoltaic modules, and intermediate products in the production process include silicon rods / ingots, silicon wafers, and solar cells. While developing intermediate and terminal products, the Company continues to expand the diversified scale application scenarios of photovoltaic technology. Active layout has been made in BIPV, photovoltaic hydrogen production, energy storage, etc., thereby providing carbon reduction solutions for various industries.

Diversified Scale Application Scenarios of Jinko Solar's Photovoltaic Technology (Examples)

BIPV

BIPV technology integrates solar power generation (photovoltaic) products into buildings. The BIPV solution can greatly enhance the practical and aesthetic value of buildings, while providing customers with renewable energy and long-term economic benefits. Jinko Solar's BIPV products mainly include two categories: Jing Cai series BIPV products and photovoltaic curtain wall products.

Energy Storage

The energy storage system (ESS) consists of photovoltaic equipment and energy storage equipment, where the photovoltaic equipment absorbs solar energy and converts it into electrical energy. The energy storage equipment stores the electrical energy generated by the photovoltaic equipment. When the photovoltaic system lacks power, the energy storage system converts the stored energy to the required AC power. Jinko Solar energy storage products are divided into three categories: residential ESS, C&I ESS, and Sorce-Grid system, which feature the advantages of high power generation efficiency, flexible power regulation, etc.



Jinko Solar's BIPV Takes a part in Dubai Electricity and Water Authority's (DEWA) New Headquarters Building Achieving Zero Carbon Goals

The new headquarters building of DEWA is located in the Al-Jaddaf area, covering an area of 24,150 square meters. It utilizes photovoltaic roofs and curtain walls to generate power, with a total installed capacity of 5MW. Jinko Solar was awarded the bid for the 5MW BIPV module project of the building. Relying on high-quality product solutions, Jinko solar help Dewa's new headquarters become a zero-carbon building. The completion of the project has helped DEWA win the LEED platinum rating and the US' WELL gold rating.

It is calculated that this project will help DEWA reduce carbon emissions by 145,000 tons within the next 25 years, showing significant environmental benefits. In 2022, Jinko Solar DEWA BIPV Project won the 2022 Top 50 Best of Design by Fortune China and "ESG Annual Innovation Experiment List" by wallstreetcn.com in 2022.



DEWA New Headquarters Building Project

Jinko Solar's Large-scale Industrial and Commercial Energy Storage Project Has Been Successfully Connected to the Grid and Put into Operation

With the development of the energy storage market and the innovation and application of more business models in the electricity market, more revenue models are waiting to be explored. Jinko Solar, depending on its innovating technological advantages and brand influence, always provides reliable services to customers. We apply a series of new scenarios such as BIPV, energy storage, street lights, water pumps, etc., committed to benefiting thousands of households.

In 2022, Jinko Solar energy storage series settled in Haining, Zhejiang, to establish a 10MW / 20MWh energy storage power station in the industrial plant area. This project benefits from the superior peak shaving performance of Jinko Solar's energy storage products, which can supply power to the load during peak electricity consumption periods and charge the solar cell during low electricity consumption periods. This improves the economy and safety of power grid operation, and plays a role in peak shaving and valley filling. This project also participates in auxiliary power grid frequency regulation. In this case, the quick response characteristic of the product is employed to improve the frequency regulation effect, and the comprehensive benefits are significant.



Jinko Solar's Energy Storage Project Plant Area in Haining, Zhejiang

Transmitting the Concept of Zero Carbon Development

Jinko Solar leverages its own advantages by participating in exchanges and cooperation inside and outside the industry, enhancing communication and linkage with industry associations, etc. This can assist in the coordinated development of the industrial ecosystem and promote the sustainable development of the photovoltaic industry.

Industry Exchange and Cooperation

We are active in participating in various mainstream industry exhibitions and forums, to showcase product strength while boosting industry technology exchange. In 2022, the Company mainly participated in industry activities such as the 27th United Nations Climate Change conference (COP27), the Group of Twenty Finance Ministers and Central Bank Governors (G20), and the G20 Finance Minister and Central Bank Governor Climate Transformation and Sustainable Financing Seminar (as the only representative of the photovoltaic industry). Together with domestic and foreign practitioners, the Company probed in cooperation and development strategies for the photovoltaic industry. We organized industry forums such as "Pujiang Night Talk TOPCon" to share industry experience and insights with numerous practitioners.

Participation in Industry Association

We maintain active communication with mainstream industry associations. We are an important member of multiple domestic and foreign industry organizations, including the Executive Committee of the Asian Photovoltaic Industry Association, the China Photovoltaic Industry Association, the China New Energy Chamber of commerce (CNECC), the Chinese Renewable Energy Industries Association (CREIA) of the China Association of Circular Economy, the International Chamber of Commerce, the Global Solar Council, the Solar Power EU, the Clean Energy Council, and others.



COP27 Jinko Solar Exhibition Area

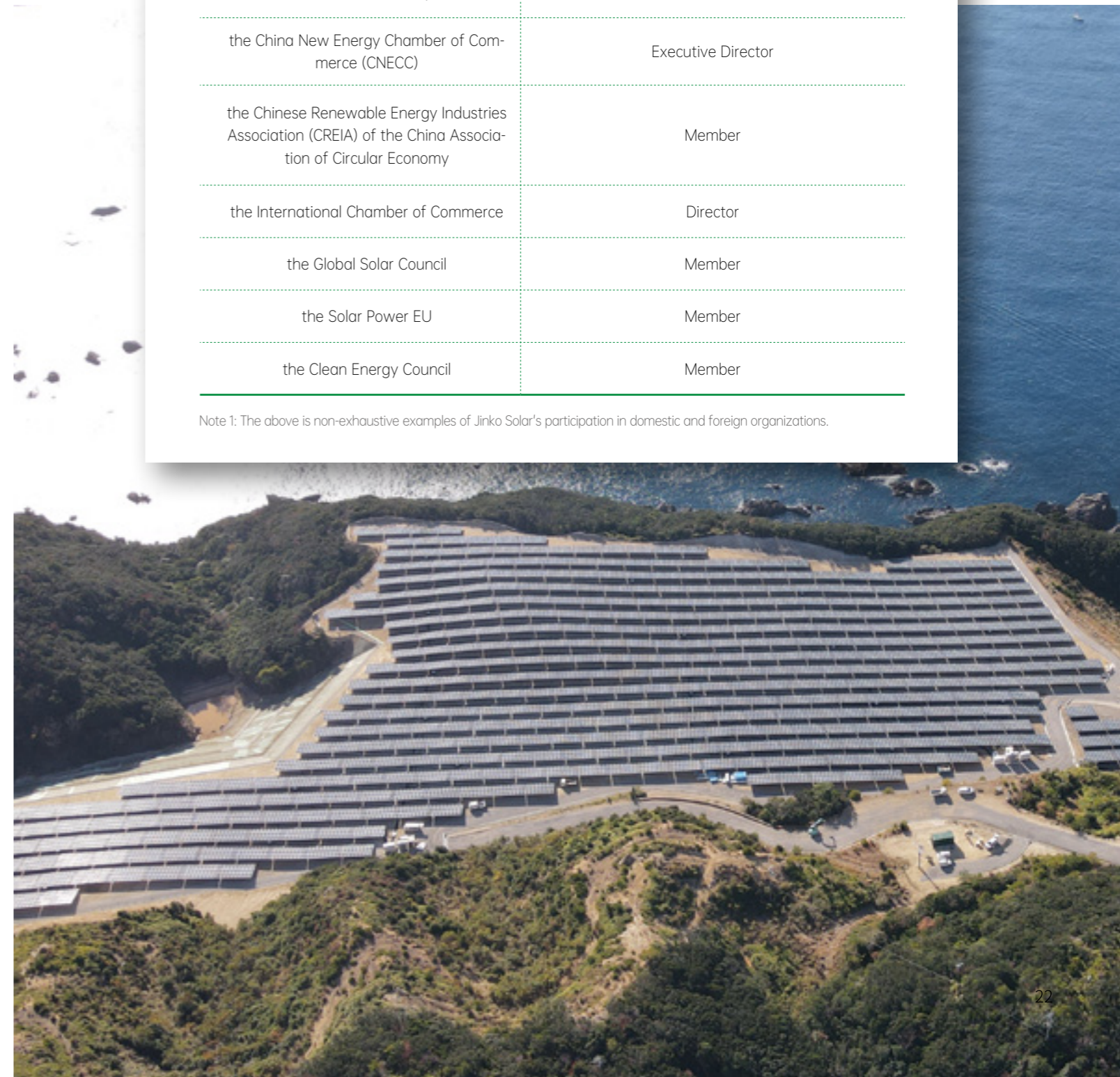


G20 Activity Site

Jinko Solar's Participation in Industry Organizations (Examples)¹

Organization	Jinko Solar's Role
the Executive Committee of the Asian Photovoltaic Industry Association	Executive Director
the China Photovoltaic Industry Association	Vice Chairman
the China New Energy Chamber of Commerce (CNECC)	Executive Director
the Chinese Renewable Energy Industries Association (CREIA) of the China Association of Circular Economy	Member
the International Chamber of Commerce	Director
the Global Solar Council	Member
the Solar Power EU	Member
the Clean Energy Council	Member

Note 1: The above is non-exhaustive examples of Jinko Solar's participation in domestic and foreign organizations.





ESG

ENVIRONMENTAL, SOCIAL & GOVERNANCE

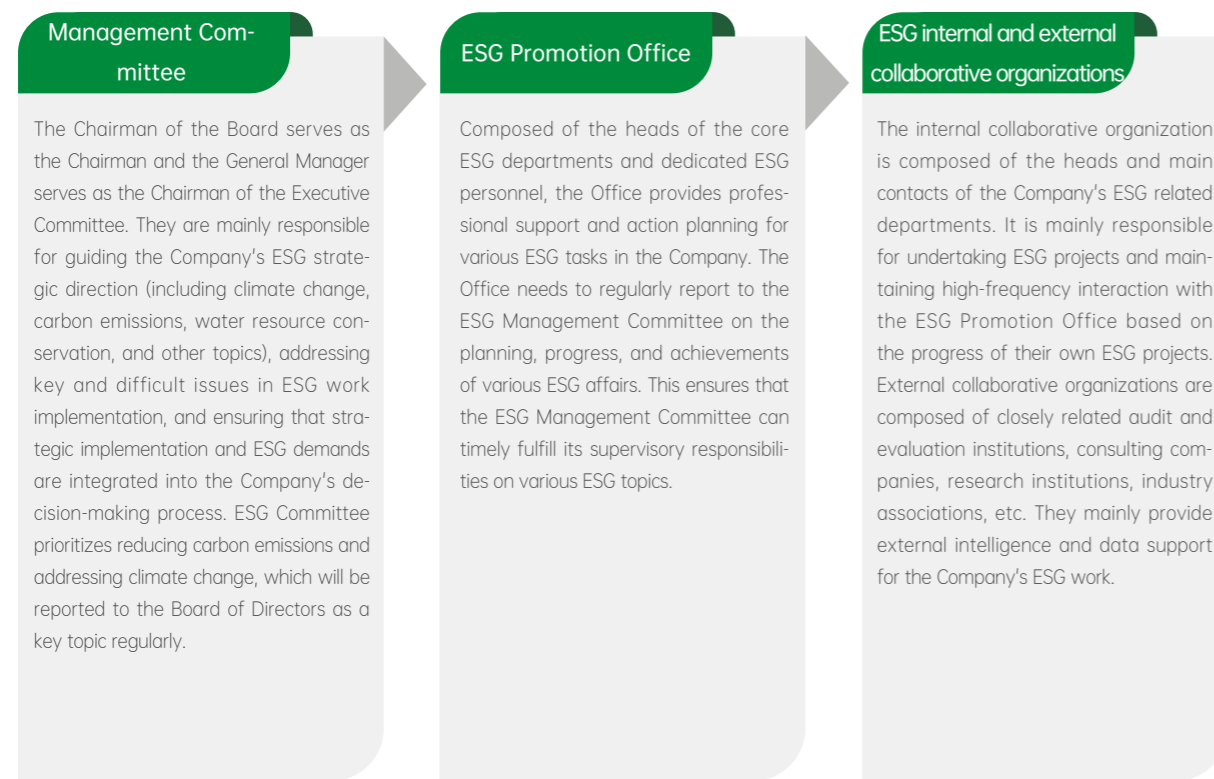
03

ESG Management

ESG Management System

Jinko Solar integrates the management of ESG-related topics into business operations. The Company develops short-, medium- and long-term ESG strategies, visions, goals, tactics operational performance, etc., to continuously promote and deepen its sustainable development. The Company has established a top-down ESG management structure consisting of the ESG Management Committee, ESG Promotion Office, and ESG internal and external collaborative organizations, which further strengthen the systematic and standardized management of ESG work. In 2022, the Company newly set up ESG Department, Supply Chain Sustainable Development Department, and Business Development and Sustainability Center to further enhance the internal synergy of ESG work. Hence, relevant business departments can better understand and implement ESG strategies.

Jinko Solar ESG Management Architecture



The Board of Directors of Jinko Solar attaches great importance to and participates in ESG management work, ensuring that its ESG work complies with legal, regulatory, and standard requirements. It also controls ESG related risks and renders certain the effectiveness of ESG work objectives and implementation processes. The Board reviews ESG related topics at least twice a year. In 2022, the Board mainly reviewed and approved the latest progress of carbon emissions reduction and climate change projects, as well as the 2021 ESG Report.

To further enhance the comprehensive ability of ESG management, the Company invites external experts from time to time to conduct specialized ESG training for senior management and full-time personnel. In 2022, the ESG training content for the Company's senior management chiefly involves ESG values and development trends, CDP, SBTi, RE100, climate change actions, and other aspects. In addition, the Company also upgraded its ESG management indicator system and further improved its ESG management framework in 2022. This was achieved by benchmarking regulatory authorities' policy requirements, capital market focus, and excellent practices in the same industry.

Stakeholder Communication

Jinko Solar values the opinions of various stakeholders and defines seven major stakeholders through group size, communication frequency, and correlation analysis of material topics. They include employees, government and regulatory authorities, shareholders and investors, customers and consumers, suppliers and business partners, media, community and the public. The Company establishes a smooth communication mechanism with various stakeholders. We conduct regular communication with them through channels and methods such as websites, media platforms, meetings, reports, and events. On such basis, we can fully understand their concerns, and accurately respond to their demands. In addition, we vigorously cooperate with stakeholders to promote the implementation and deepening of ESG related topics.

Focus Topics and Communication Channels for Key Stakeholders of Jinko Solar

Key Stakeholders	Focus Topics	Communication Channels
Employees	Occupational health and safety, employees' rights and interests, employee care, diversity and equality, and human capital development	Employee activities, employees' congresses, union activities, employee symposium, enterprise intranet, employee training, employee feedback platform, employee satisfaction survey, etc.
Government and regulatory authorities	Corporate governance, business ethics and compliance, risk management and auditing, transparency of information disclosure, intellectual property protection, tax security, environmental management system, climate change and carbon emissions, energy management, water resource conservation, chemical and pollutant control, ecological harmony	Institutional review, policy implementation, information disclosure, etc.
Shareholders and investors	Corporate governance, business ethics and compliance, risk management and auditing, transparency of information disclosure, clean technology R&D, intellectual property protection, tax security	Shareholders' Meetings, financial reports, ESG reports, performance reports, roadshows, research, teleconference, etc.
Customers and consumers	Clean technology R&D, innovative service management, product quality management, product lifecycle management, information security	Product exhibitions, exchange visits, new product launches, customer research, technical seminars, customer satisfaction surveys, etc.
Suppliers and Business partners	Sustainable supply chain, industrial cooperation development, business ethics and compliance	Supplier management platform, supplier training, supplier audit strategic cooperation negotiation, telephone communication, irregular visits, academic seminars, industry exhibitions, industry training, exchange meetings, etc.
Media	Chemical and pollutant control, ecological harmony, environmental publicity and education, and local community relations	Press releases, social media communication, industry exhibitions, industry seminars, etc.
Community and the public	Local community relations, environmental management system, climate change and carbon emissions, energy management, water resource conservation, chemical and pollutant control, ecological harmony	Activity participation, questionnaire survey, community volunteer activities, public welfare projects, etc.

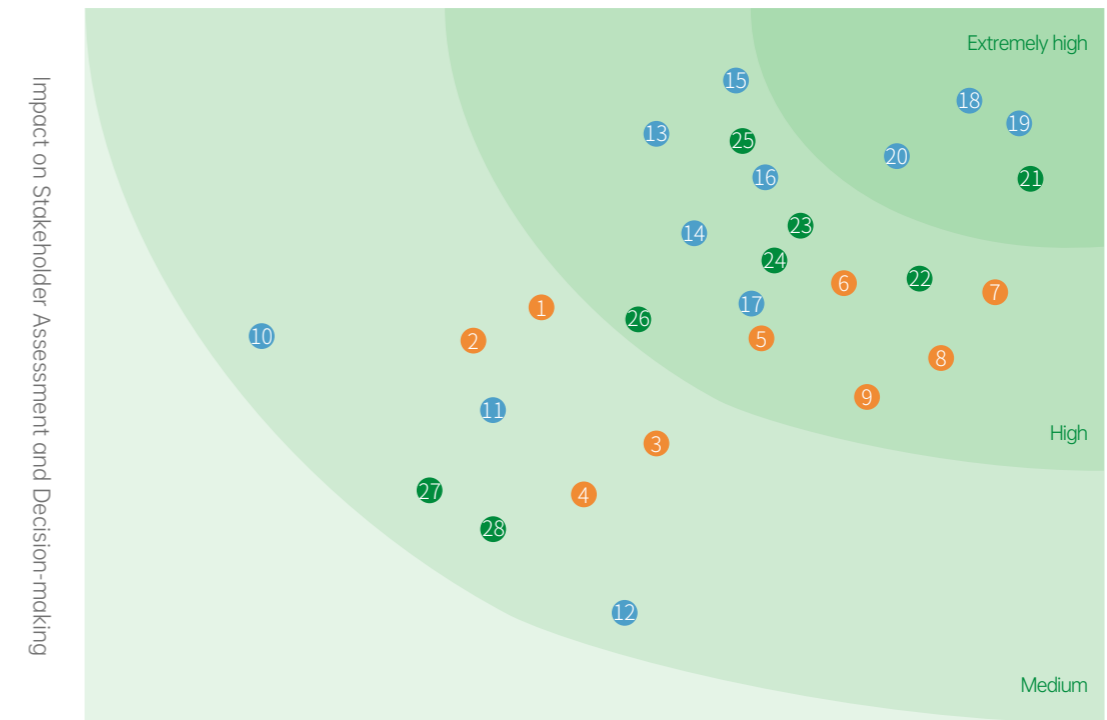
Analysis of Material Topics

Jinko Solar attaches high importance to the identification and management of material topics. A systematic analysis path has been established. Key topics to stakeholders are identified through industry policy trend analysis, industry benchmarking, and internal and external stakeholder surveys, serving as a reference basis for reporting information disclosure.

Identification Method for Material Topics of Jinko Solar in 2022



2022 Materiality Map of Jinko Solar



Importance of Economic, Environmental, and Social Impacts

Corporate Governance	Society	Environment
<ul style="list-style-type: none"> 1. Transparency of information disclosure 2. Information security 3. Intellectual property protection 4. Tax security 5. ESG management 	<ul style="list-style-type: none"> 6. Economic performance 7. Business ethics and compliance 8. Risk management and audit 9. Corporate governance 	<ul style="list-style-type: none"> 10. Local community relations 11. Customer service management 12. Industrial cooperation development 13. Human capital development 14. Employee care 15. Employees' rights and interests
	<ul style="list-style-type: none"> 16. Occupational health and safety 17. Diversity and equality 18. Product quality management 19. Clean technology R&D 20. Sustainable supply chain 	<ul style="list-style-type: none"> 21. Climate change and carbon emissions 22. Product lifecycle management 23. Chemical and pollutant control 24. Energy management
		<ul style="list-style-type: none"> 25. Water resource conservation 26. Environmental management system 27. Environmental publicity and education 28. Ecological harmony

Response to the United Nations Sustainable Development Goals

Jinko Solar combines the United Nations Sustainable Development Goals with its own business value chain. We actively aligns with the 2021 United Nations (UN): *Sustainable Development Goals – The guide for business action* (SDGs 2015). The importance of identifying SDGs goals for the Company and the Company's positive contributions to SDGs goals will explained in the report.



Jinko Solar's Response to the UN SDGs

Scientific Governance and Stable Operation

Topics Involved

- Corporate governance
- Business ethics and compliance
- Risk management and audit
- Transparency of information disclosure
- Information security
- Intellectual property protection
- Tax security



Low-carbon Development with Green First

Topics Involved

- Environmental management system
- Climate change and carbon emissions
- Energy management
- Water resource conservation
- Chemical and pollutant control
- Ecological harmony
- Environmental publicity and education



Intelligent Craftsmanship and Innovative Services

Topics Involved

- Clean technology R&D
- Innovative service management
- Product quality management
- Product lifecycle management



Wonderful Workplace with Brilliant Peers

Topics Involved

- Employees' rights and interests
- Employee care
- Diversity and equality
- Human capital development



Stick to the Bottom Line for Safe Production

Topics Involved

- Occupational health and safety



Partnering for Harmony

Topics Involved

- Sustainable supply chain
- Industrial cooperation development
- Local community relations



04

Scientific Governance and Stable Operation

Topics Involved

- Corporate governance
- Business ethics and compliance
- Risk management and audit
- Transparency of information disclosure
- Information security
- Intellectual property protection
- Tax security

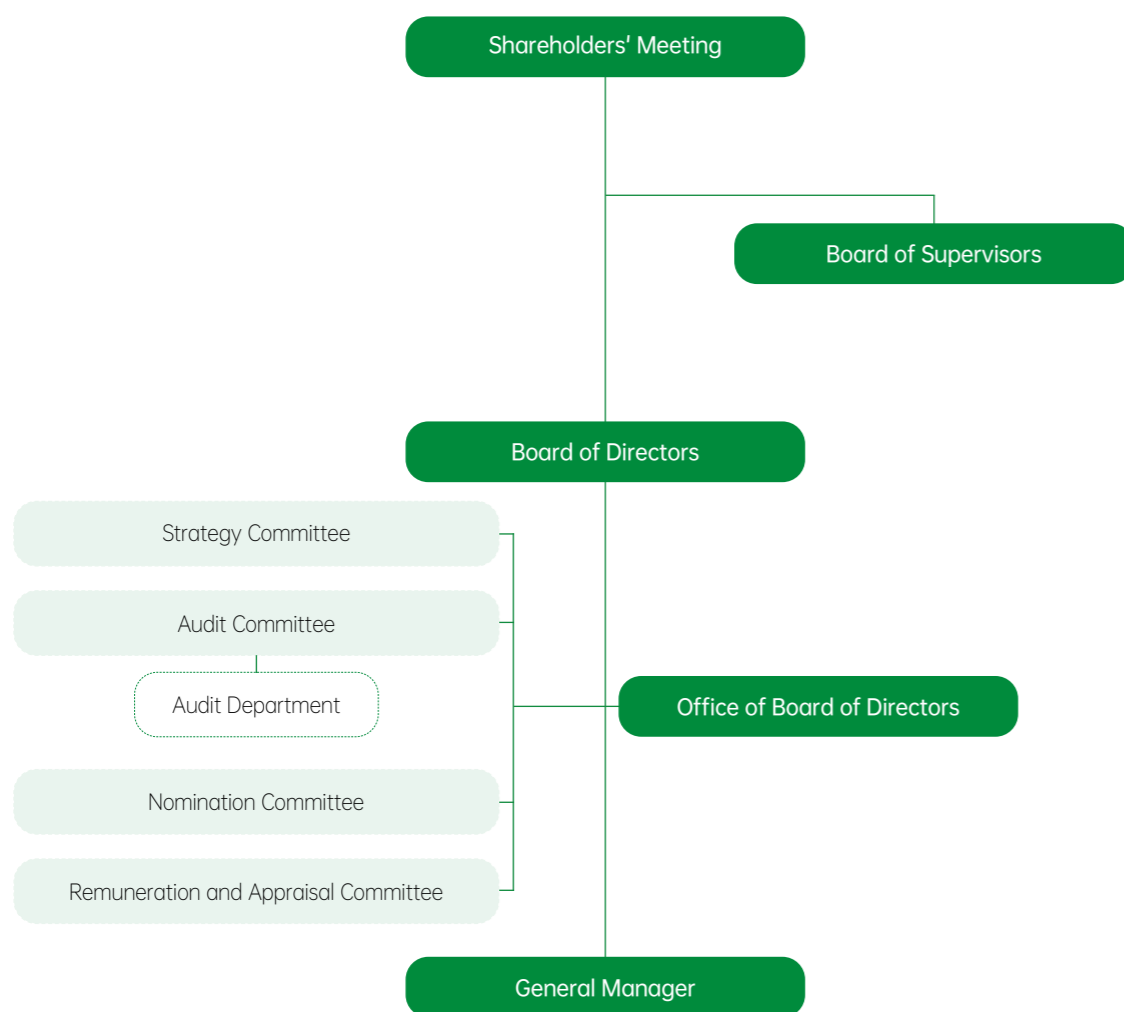


Efficient Governance and Communication

Governance Architecture and Operations

Jinko Solar strictly complies with the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, and relevant local laws and regulations of overseas operation sites. It has established a set of rules based on the *Articles of Association*, *Rules of Procedure for Shareholders' Meetings*, *Rules of Procedure for Board of Directors*, and *Rules of Procedure for Board of Supervisors*. A sound and comprehensive governance system based on specific norms such as the *Management System for External Guarantees*, *Work System for Independent Directors*, *Detailed Rules for the Work of Special Committees*, *Information Disclosure Management System*, and *Management Measures for Related Party Transactions* have also been put in place. This system clarifies the responsibilities and authorities of decision-making, execution, supervision, and other aspects, and forms a scientific and effective division of responsibilities and balance mechanism.

Governance Structure of Jinko Solar



Overview of Jinko Solar's Shareholders' Meeting, Two Boards and Management

Shareholders' Meeting	The Shareholders' Meeting is the Company's authority, which determines the Company's business policies and investment plans in accordance with the law, and reviews and approves the report of the Board of Directors.
Board of Directors	<p>The Board of Directors is the decision-making center for the Company's operations. The Board has a total of 7 members, including 3 independent directors, accounting for more than one-third of the total number of directors. The term of office of a director is three years, and can be renewed upon the expiration of the term. Independent directors may not be renewed for more than six years. The board members boast diverse backgrounds, including professional backgrounds in accounting, photovoltaic and other industries, as well as rich experience in large-scale enterprise management. This helps improve the operational efficiency of the Board of Directors and perceive problems from multiple perspectives in decision-making. The Board of Directors has four specialized committees, namely the Strategy Committee, Audit Committee, Nomination Committee, Remuneration and Appraisal Committee, to carry out specific tasks:</p> <ul style="list-style-type: none"> • Strategy Committee: Responsible for researching the Company's long-term development strategy and major investment decisions, and proposing suggestions and plans to the Board of Directors; with a total of three members. • Audit Committee: Responsible for internal and external audit communication and evaluation, review of financial information and its disclosure, and supervision and inspection of major decision-making matters; with a total of 3 members, including 2 independent directors. • Nomination Committee: Responsible for recommending the qualifications of directors and senior management personnel nominated in accordance with the Company's <i>Articles of Association</i>; with a total of 3 members, including 2 independent directors. • Remuneration and Appraisal Committee: Responsible for formulating performance assessment standards, improving the assessment system, and conducting effective assessments, developing and reviewing the salary policies and plans of the assessment targets, drafting the Company's equity incentive plan, and implementing assessments in accordance with regulations; with a total of 3 members, including 2 independent directors.
Board of Supervisors	The Board of Supervisors exercises its supervisory power, and protects the rights and interests of shareholders and investors, the interests of the Company, and the legitimate rights and interests of employees from infringement. It reports to the Shareholders' Meeting. It has 3 members (including 1 female supervisor), including 2 shareholder representatives and 1 employee representative.
Senior Management	The senior management shall fulfill their responsibilities in accordance with laws, regulations, and internal regulations, strictly implement the resolutions of the Shareholders' Meeting and the Board of Directors, and promote the continuous and stable operation of the Company. It includes 6 members.

To further establish and improve the assessment and remuneration management system for directors, supervisors, and senior management, the Company has set up a Remuneration Committee as a specialized agency to formulate, manage, and assess the remuneration of directors, supervisors, and senior management. The *Working Rules of the Remuneration Committee* have been formulated. Based on the actual business situation of the Company, the remuneration level of the industry and region, and specific job responsibilities, remuneration plans for the directors, supervisors, and senior management have been clearly defined, and appropriate allowances are provided for independent directors.

In addition, the Company focuses on empowering and training directors, supervisors, and senior management to improve the level of corporate governance via practical actions. In 2022, all current directors, supervisors, senior management, and "key minority" personnel (such as the chairman, general manager, financial officer, and board secretary) of the Company participated in a total of 8 performance training sessions organized by regulatory authorities and listed company associations.

Protection of Shareholder Rights and Interests

Jinko Solar attaches great value to protecting the rights and interests of shareholders. It treats all shareholders equally, and ensures that shareholders, especially minority shareholders, can fully exercise their rights. The Company makes efforts to safeguard the rights of minority investors to know, participate, and earn profits, and establishes shareholder voting mechanisms such as cumulative voting system, separate counting mechanism for minority investors, and online voting system. Such efforts fully guarantee the rights of investors, especially minority investors, to participate in making major decisions of the Company. Moreover, independent directors of the Company actively participate in company decision-making. They properly utilize their expertise in finance, industry, management, and other aspects, and provide opinions on the standardized operation and related business work of the Company. They also review and express independent opinions on relevant matters reviewed by the Board of Directors, and effectively safeguard the interests of all shareholders, including minority investors.

The Company clearly stipulates the decision-making authority for related party transactions in the *Articles of Association and the Management Measures for Related Party Transactions*. When the Shareholders' Meeting deliberates on related party transactions, associated shareholders should avoid voting. The voting status of non-associated shareholders should be fully disclosed in the resolution announcement of the Shareholders' Meeting. Transactions between the Company and related legal persons that account for more than 1% of the Company's latest audited total assets or market value, and exceed RMB 30 million, shall be reviewed by the Board of Directors and submitted to the Shareholders' Meeting for review after approval. During the reporting period, the Company promptly discloses and reviews related party transactions to the public. Independent directors express independent opinions that are previously recognized and agreed upon, and the recommendation agency issues verification opinions that are agreed upon. These ensure that related party transactions are necessary, the pricing of related party transactions is reasonable and fair, and there is no situation that would harm the interests of the Company and non-associated shareholders.

Information Disclosure Management

Jinko Solar strictly complies with laws, regulations, rules, and normative documents such as the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, *Code of Corporate Governance for Listed Companies*, and *Rules Governing the Listing of Stocks on the Science and Technology Innovation Board of Shanghai Stock Exchange*. It has formulated a series of systems such as the *Information Disclosure Management System* to improve corporate governance requirements. It thus can ensure that the Company correctly fulfills its information disclosure obligations, that the contents disclosed are authenticated, accurate and complete, that equal access to information is provided for all shareholders. The legitimate rights and interests of the Company, shareholders, creditors, and other stakeholders are practically protected.

As an effective supplement to mandatory information disclosure, the Company maintains close communication with the capital market and investors through voluntary disclosure. This continuously improves company transparency, and further conveys the Company's investment value and market image. As of the end of 2022, there have been no incidents of the Company being punished by regulatory authorities for information disclosure violations.

Investor Relations and Communication

Jinko Solar fully respects the rights and interests of shareholders. In accordance with relevant laws and regulations and the *Articles of Association*, it has formulated the *Investor Relations Management System*. This system clarifies the purpose and principles of investor relations management, work objects and contents, management departments and their responsibilities. It has continuously improved the professionalism of the Company's investor relations management.

The Company values communication and exchange with investors and potential investors. It has established smooth communication channels and a dedicated investor relations team to meet the communication needs of the capital market. Through shareholders' meeting, performance briefing, analyst meetings, on-site visits, roadshows, emails, and one-on-one communication, it strengthens positive interaction with investors and shapes a favorable image to the



Investors Visiting Jinko Solar Haining Base

capital market. In addition, the Company has set up an investor dynamic column on its official website to timely update relevant announcements and performance information. We actively carry out investor education and publicity, including World Investor Week, Prevention of Illegal Securities and Futures Promotion Month, and Investor Protection Day, to strengthen the positive interaction with investors.

In 2022, we released a total of 89 stock exchange announcements, held 5 performance briefing meetings, and answered more than 60 investor questions through the SSE e-interaction platform. We also received over 300 online and offline researches from investment institutions, and communicated with hundreds of investment institutions and thousands of investors.

Business Ethics and Compliance

Business Ethics Management

Jinko Solar strictly abides by the *Criminal Law of the People's Republic of China*, *Anti-Unfair Competition Law of the People's Republic of China*, the *Anti-Money Laundering Law of the People's Republic of China*, the *Anti-Monopoly Law of the People's Republic of China* and other laws and regulations. On such basis, we have established internal business ethics related management systems and standards.

In the internal management, the Company has formulated the *Anti-corruption and Anti-bribery Management Code*, the *Business Conduct and Ethics Code*, the *Regulations on the Management of Employees' Violation of Discipline*, the *Measures for the Implementation of Employees' Integrity and Self-discipline*, and the *Regulations on the Management of Gift Reception*. These documents clarify the management regulations on preventing corruption, bribery, money laundering, unfair competition, fraud, and conflict of interest. In addition, the Company has formulated the *Regulations on the Management of Sensitive Positions* to manage important positions at different levels. A closed loop has been formed through measures such as improving management systems, job rotation mechanisms, integrity training, and spot checks and supervision. During the comprehensive audit process of each business entity of the Company, high attention has been paid to anti-corruption matters and whether anti-corruption policies have been implemented. If major violations such as economic fraud are involved, the Supervision Department and the Audit Department will jointly take further actions to hold the relevant companies or personnel accountable.


In external cooperation, the Company requires partners to strictly comply with relevant domestic and foreign laws and regulations as well as the *Supply Chain Partner Code of Conduct (COC)*, and not tolerate or engage in any form of corruption and bribery activities. Meanwhile, we respect and protect the intellectual property and trade secrets used in cooperation, and ensure fair competition and honest operation. Before cooperation with core suppliers, the Company conducts due diligence on business ethics, corporate credit, and information security of the suppliers to ensure that there are no significant integrity risks.

Key Points of Jinko Solar's Business Ethics Management (Examples)

- Anti-corruption and Bribery**
 - Do not offer or accept any kickbacks, bribe others, or secretly offer or accept any commissions or any other personal benefits.
- Anti-money Laundering**
 - Do not plan or participate in any form of money laundering activities. Report both large and suspicious transactions.
- Anti-fraud**
 - Do not intentionally deceive others to obtain unfair or illegal benefits, and once verified, handle them seriously.
- Conflict of Interest**
 - Prohibit being simultaneously employed by any business organization that is an important customer, supplier, or competitor of the Company.
 - Do not use the Company's property, information, or positions to obtain business opportunities originally belonging to the Company.
- Fair Competition and Fair Trading**
 - Do not spread rumors related to competitors, customers, or suppliers that are known to be false.
 - Do not intentionally make false statements about the quality of the Company's products.
 - Do not seek profits for the Company through improper trading practices (including those carried out through third parties), or by taking advantage of the resulting unfair advantages.

The Company strictly implements the supervision of violations. The Violation and Discipline Supervision Committee has been established, with CXO level executives as core members. The *Integrity Reporting and Reward and Punishment Management System* has been formulated to clarify the reporting process, channels, rewards and punishments, and informer protection principles. Through internal and external reporting supervision, the Company maintains long-term stability.

The Company has made available a variety of reporting channels, including reporting hotline, reporting mailbox, reporting letter, WeChat official account, OA internal supervision portal and face-to-face reporting, to supervise all business ethics events. After receiving the report, the Supervision Department conducts a compliance investigation in accordance with the Company's regulations. Corresponding disciplinary measures are taken depending on the severity of the situation. The Company keeps strictly confidential the identity information and content of the informer throughout the entire process, and strictly prohibits retaliation. Once the informer is verified to have been retaliated, the personnel involved will be dealt with strictly, and legal measures will be taken as appropriate. During the reporting period, there were no corruption, bribery, conflict of interest, fraud, money laundering and unfair competition related violations between the Company and a third party.



Jinko Solar's Fraud Reporting Channel:
 Reporting hotline: 021-51808616 or internal line 6616
 Report email: jubao@jinkosolar.com
 Online reporting platform: Jinko Solar's Enterprise WeChat, click on "Clean Jinko Solar";
 OA System Supervision Portal

Compliance Culture Construction

The Company adheres to the concept of honesty, trustworthiness, and compliant operation, and endeavors to create a clean and compliant cultural atmosphere. The Company's Supervision Department conducts regular communication with the Anti-fraud Alliance to learn the latest progress in compliance and excellent industry actions. Violation warning signs have been set in office areas and bases of all the Company's operating locations to restrain employee behavior.

In addition, we provide multi-level integrity training covering management, department heads, base management personnel, and relevant functional department employees. This can strengthen the responsibility and moral awareness of key position employees. We actively push business ethics related messages through the "Clean Jinko Solar" module on WeChat, achieving full participation in compliance education.



Haining Base Integrity Training Session

Overview of 2022 Compliance Specialized Training for Jinko Solar (Examples)

Trainees	Training Content and Details
Management	They participated in a specialized lecture organized by the Office of Duty Crimes of an external procuratorial organ in Shanghai.
Main responsible persons of each department	The Legal Department invited external law firm partners to conduct specialized training on anti-corruption laws in major market countries.
X2-X4 level management personnel	9 integrity training sessions were organized in Haining and Shangrao Bases, with over 1,160 participants.
Internal personnel of the Legal Department	The Legal Department carried out training and learning related to daily business, including anti-monopoly and anti-unfair competition.

Risk Management and Audit

Jinko Solar has established a risk management mechanism to support strategy implementation and integrity construction, and strengthened its risk management capabilities. The Company has established the Internal Audit Department. Its main responsibilities are to promote effective business management and assist the Board of Directors and Audit Committee in exercising their responsibilities. The Audit Department receives guidance and supervision from the Audit Committee under the Board of Directors and regularly reports its work to the Audit Committee.

The Audit Department inspects and evaluates the integrity, rationality, and effectiveness of internal control systems that have a significant impact on the Company's internal operations. It also conducts audits on accounting and other relevant economic data that have a significant impact, reflect the legality, compliance, authenticity, and completeness of financial income and expenditure and related economic activities. It further assists in establishing and improving anti-fraud mechanisms to identify key areas, key links, and main contents of anti-fraud.

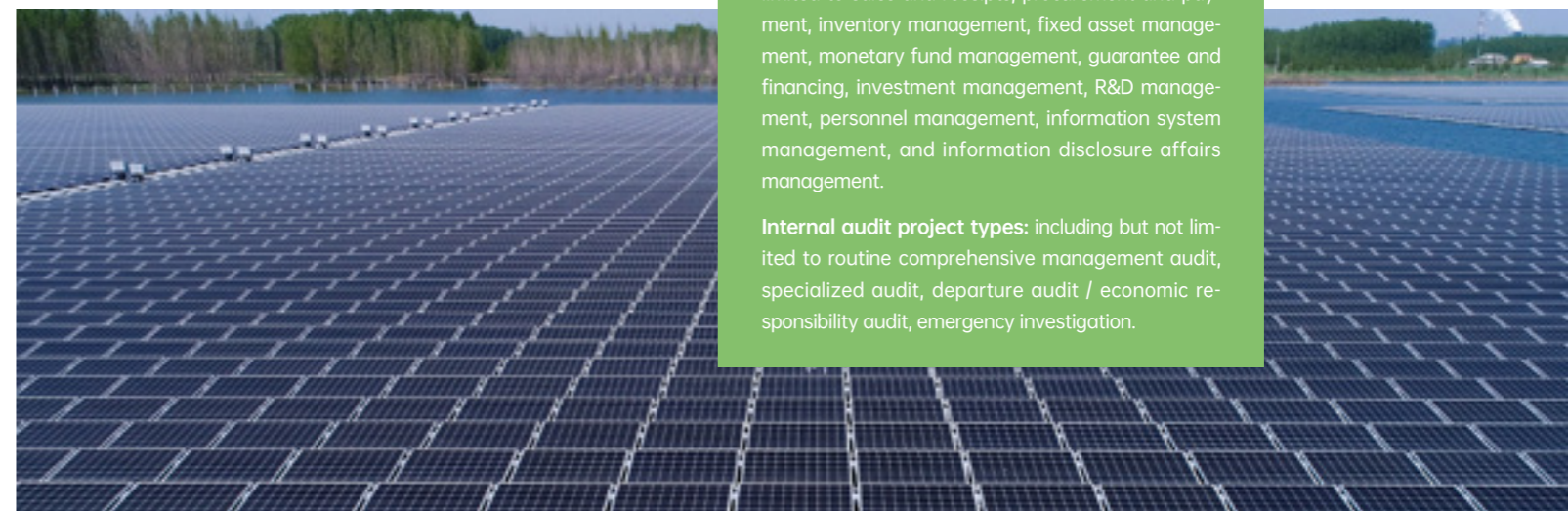
At the risk management level, the Company's management is responsible for risk identification and risk control related to major business activities. From an internal control perspective, we use routine risk identification procedures to identify major types of risks such as legal and tax risks, policy risks, environmental and natural disaster risks, and financial risks. We then take measures to control them to ensure operational continuity. From a project perspective, when the Company makes any major investment, merger, or acquisition, a special risk assessment shall be conducted based on environmental, social, and management laws and regulations, industry policies, and internal regulations. This aims to identify potential environmental, management, and social risks in new investment projects and ensure the smooth progress of the project.

In addition, the Company actively promotes tax self-inspection and management, and insists on paying taxes in accordance with the law. We clarify tax responsibilities and standardize pricing standards for related party transactions through the *Tax Management System and Transfer Pricing Guidance Manual*. We reasonably respond to inspections by domestic and foreign tax authorities, and provide specialized training for tax related employees on tax knowledge self-testing, tax policy updates, and important tax policy explanations. In 2022, the Company did not discover any tax violations.

Overview of Internal Audit Activities of Jinko Solar

Internal audit coverage: covering all aspects of the Company's business activities, including but not limited to sales and receipts, procurement and payment, inventory management, fixed asset management, monetary fund management, guarantee and financing, investment management, R&D management, personnel management, information system management, and information disclosure affairs management.

Internal audit project types: including but not limited to routine comprehensive management audit, specialized audit, departure audit / economic responsibility audit, emergency investigation.



Intellectual Property Protection

Jinko Solar continues to promote the construction of the intellectual property management system. It strictly abides by the *Intellectual Property Law of the People's Republic of China* and other laws and regulations, and formulates the *Intellectual Property Management System, Patent Management Measures, Trademark Management Measures* and other systems. It also defines the intellectual property management strategy, and carries out the full process management of patents through the process guidance of *Process for Patent Search, Application, Layout, Risk Management, Patent Award Approval* and other procedures.

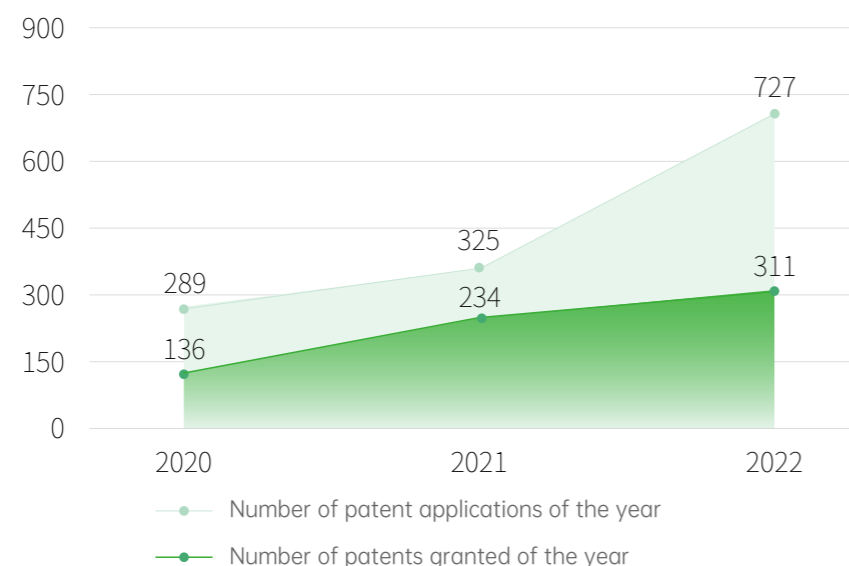
The Company strictly protects its own independent intellectual property rights from infringement. It effectively controls the intellectual property risks of its entire supply chain partners through risk assessment, annual audits, and other methods. The Company has established specialized intellectual property management teams with clear division of labor. They include a strategy and comprehensive management team, a patent layout and risk control team, a trademark team, and a litigation dispute team. They are responsible for important tasks such as company strategic planning, intellectual property evaluation, patent layout and risk control, intellectual property dispute resolution and maintenance, and trademark and patent application and maintenance. The team members have strong professional abilities and possess qualifications of lawyers and patent agents, etc.

In terms of intellectual property education, the Company has provided themed training for employees in key intellectual property related departments such as technology R&D, supply chain, and manufacturing, to enhance their awareness and professional ability in intellectual property protection. In 2022, we conducted a total of 13 training sessions, introducing and exchanging basic knowledge of patents and trademarks, overseas patent laws and regulations, patent layout, and internal trademark management practices through online and offline lectures, video learning, and seminars.

In the intellectual property related litigation case of Jinko Solar and Hanwha Q CELLS, all litigation procedures in the United States had been completed in June 2022. There was no pending litigation as of the end of the reporting period. The trial of the lawsuit in Australia had been completed in 2022 and the Company is awaiting the verdict. The second instance of the lawsuit in Germany is currently underway.

As of the end of 2022, the Company has completed a total of 2,518 patent applications and 1,464 granted, including 727 patent applications and 311 granted in 2022. In 2022, the Company ranked 38th in invention patents on the Top 500 of Private Enterprise Invention Patents by the All-China Federation of Industry and Commerce, and 1st among module enterprise invention patents on the list.

Performance Related to Intellectual Property Management of Jinko Solar



Information Security Management

Information Security Management and Innovation

Jinko Solar strictly complies with the *Cybersecurity Law of the People's Republic of China*, the *Data Security Law of the People's Republic of China*, the *Personal Information Protection Law of the People's Republic of China*, and the *Information Security Level Protection Management Measures* and other laws, regulations, and relevant provisions. Based on ISO/IEC 27001:2022, Jinko Solar has established an information security management system, and adopted measures such as establishing an information security committee, and implementing the information security responsibility leadership system. Information and data security work are thus performed level by level. In 2022, the Company focused on information system security reinforcement and achieved significant results. The core information system of the Company's Shangrao Base passed Level 3 evaluation of the national information security level protection.

The Company pays ongoing attention to data security management and ensures effective protection of data throughout its entire lifecycle, including creation, collection, modification, use, storage, sharing, and destruction, through measures such as data classification, hierarchical governance, and leakage prevention.

The Company comprehensively optimizes and improves the information security system and corresponding processes covering key areas such as organizational control, personnel control, physical control, and technical control. It also sets up and improves management methods such as physical environment security management, personnel security management, data security management, information security and confidentiality awareness promotion and training. This allows us to clarify the management responsibilities related to information security in various activities, and effectively prevent information security risks.

Main Measures for Information Security Management and Innovation of Jinko Solar (Examples)

Information Security Management

- Identify information assets and data assets based on CIA features and implement classification and hierarchical management; evaluate the risk level of information assets from the dimensions of confidentiality, integrity, effectiveness, etc.; and effectively control networks, data, systems, application permissions, etc.
- Establish the Information Security Committee; based on management decision-making, security support, and responsible information security personnel of the department, promote the implementation of various information security management measures; achieve full participation and supervision of information security management; and ensure the effective implementation of a top-down information security management system and actions.
- Establish an information security emergency response mechanism and conduct emergency drills regularly.

Innovation in Information Security Technology

- Establish a comprehensive information security technology protection system that runs from the bottom to the upper data application layer of the information system; enhance the unified monitoring capability centered on network situational awareness, and achieve timely detection, reporting, and disposal of information security events.

Information Security and Confidentiality Awareness Education

- Regularly organize publicity, training, and exams related to confidentiality and information security awareness for employees, so as to ensure that information security and confidentiality awareness training covers all employees.

Customer Data Security and Privacy Protection

In terms of customer data security and privacy protection, customer information, as core confidential information, is separately stored in the Customer Relationship Management (CRM) system. The Company sets strict data access permissions for customer information. It installs a Data Leakage Prevention (DLP) system on the terminal computers of personnel accessing sensitive data to prevent information leakage. In 2022, the Company did not experience any violations of customer information security.

05

Low-carbon Development with Green First

Topics Involved

- Environmental management system
- Climate change and carbon emissions
- Energy management
- Water resource conservation
- Chemical and pollutant control
- Ecological harmony
- Environmental publicity and education



Environmental Compliance Management

Environmental Management System

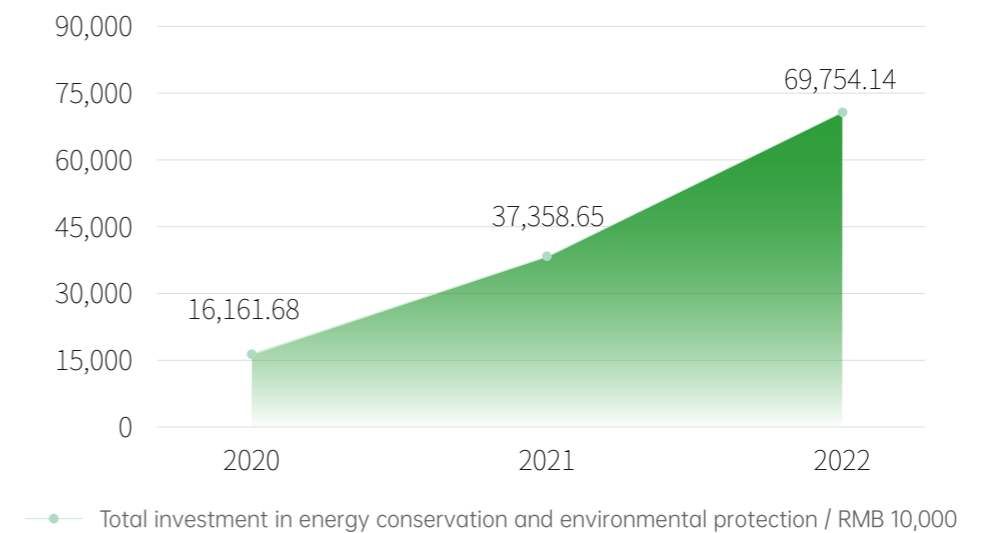
Jinko Solar strictly abides by the *Environmental Protection Law of the People's Republic of China*, the *energy Conservation Law of the People's Republic of China* and relevant local laws and regulations in overseas operations. It formulates systems and standards including *Management Manual*, *Environmental Protection Management System*, and *Management Regulations on Identification and Evaluation of Environmental Factors*. Jinko Solar regulates the management and supervision of emissions, chemicals, etc. Efforts are also made in the construction and upgrading of environmental management systems based on the ISO 14001 environmental management system. In 2022, the Company added additional bases, such as Chuxiong Base and Hefei Base, passed ISO 14001 certification.



List of Bases Certified by ISO 14001 (Examples)

Serial Number	Base	ISO 14001
1	Shangrao Base	Pass
2	Haining Base	Pass
3	Yuhuan Base	Pass
4	Yiwu Base	Pass
5	Chuzhou Base	Pass
6	Sichuan Base	Pass
7	Malaysia Base	Pass
8	U.S. Base	Pass
9	Chuxiong Base	Pass
10	Hefei Base	Pass

Jinko Solar's Investment in Energy Conservation and Environmental Protection¹



Note 1: The total investment in energy conservation and environmental protection of the Company in 2022 has undergone significant changes compared to the previous year, mainly due to the continuous increase in the number of enterprise bases, production volume, and shipment volume.

Environmental Risk Prevention and Control

Jinko Solar actively promotes the identification and evaluation of environmental factors in accordance with the *Control Procedure for Identification and Evaluation of Environmental Factors*, so as to effectively control environmental risks. The Company also entrusts qualified third parties to carry out environmental monitoring. It also regularly conducts internal audits of environmental status to ensure timely detection and effective rectification of various environmental issues. Moreover, specialized environmental protection inspections are conducted on a monthly basis, covering 100% of the core content of environmental management.

In addition, the Company is fully promoting the construction of the EHS information platform. All business scenarios of EHS management are released online, including 10 modules such as "Training and examination system", "Equipment and facility inspection", "Hidden danger investigation and governance", "Smart fire protection", and "Smart environmental protection". Through "PC + Enterprise WeChat", all management personnel are covered. We thus realize real-time grasp of equipment and facilities operating parameters, implementation of hidden danger rectification, fire warning, online real-time data of wastewater and exhaust gas outlets, and other information, providing a basis for EHS management decision-making.

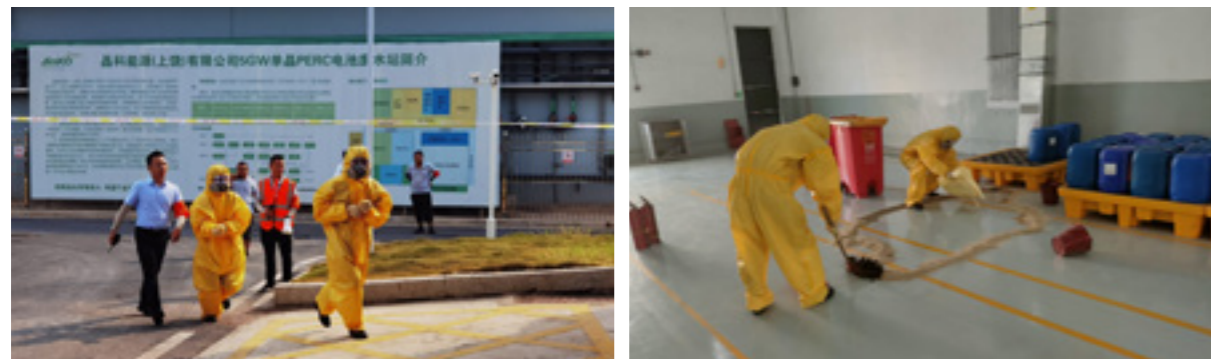
The Company conducts environmental internal control at a degree stricter than national standards, thereby reducing the impact of production and operation on the environment. During the reporting period, the Company fully paid various environmental taxes and fees, and there were no government investigations due to Company's environmental violations. No new, renovation, or expansion projects have a significant impact on the environment. We are not subject to major administrative or criminal penalties and not urged by relevant government authorities to rectify within a specified time limit, suspend production, relocate or close down. Major assets that have not been involved in environmental litigation or have been seized, detained, frozen, mortgaged or pledged due to environmental issues.



EHS Information Platform

Environmental Emergency Drill

Jinko Solar adheres to the principle of "prevention first and comprehensive management". While carrying out normalized environmental risk management and control, it also makes emergency preparations. The Company has established the Emergency Command Center, and compiled an *Emergency Plan for Sudden Environmental Events*. It is equipped with emergency rescue equipment, and regularly organizes emergency plan drills, to effectively control potential hazards. In 2022, all business divisions conducted a total of 205 emergency drills related to sudden environmental events such as abnormal discharge of exhaust gas and wastewater, and leakage of hazardous waste. Such efforts have effectively improved the emergency response capacity for sudden environmental events.



Emergency Drill for Hazardous Waste Leakage

Cultivation of Environmental Protection Culture

Jinko Solar promotes the environmental protection concept of "green production and green office" continuously, so that green culture is shaped in the inner world of every employee.

	<p>Continuously promote various approvals through the OA system, and encourage double-sided printing. While significantly reducing paper and toner cartridge usage, this reduces resource consumption and waste generation.</p>
	<p>Advocate bringing own water cups at internal meetings, avoid using disposable water cup, and reduce the consumption of bottled water.</p>
	<p>Energy conservation LED lights are used throughout the Company, and an energy conservation control system of "people present with lights on, people absent with lights off" is implemented. Introduce energy conservation effects into the procurement process of IT equipment and actively promote low-carbon IT. Promote video conferencing systems to achieve remote conferencing, training, and other functions, thereby improving office flexibility and reducing carbon emissions during travel.</p>
	<p>Carry out scientific classification of office garbage worldwide, and scientifically treat office garbage according to the requirements of different regions.</p>

In addition, the Company organizes internal environmental training from time to time to enhance employees' environmental awareness. In 2022, the Company conducted a total of 199 environmental training sessions for all employees, including environmental compliance, standardized management of hazardous waste, and precautions for industrial solid waste supplier audits. This has effectively improved the professionalism and work skills of environmental protection teams on various bases.



Specialized Training on Environmental Compliance

Training on Standardized Management of Hazardous Waste

Energy Conservation and Emission Reduction Management

Energy Management System

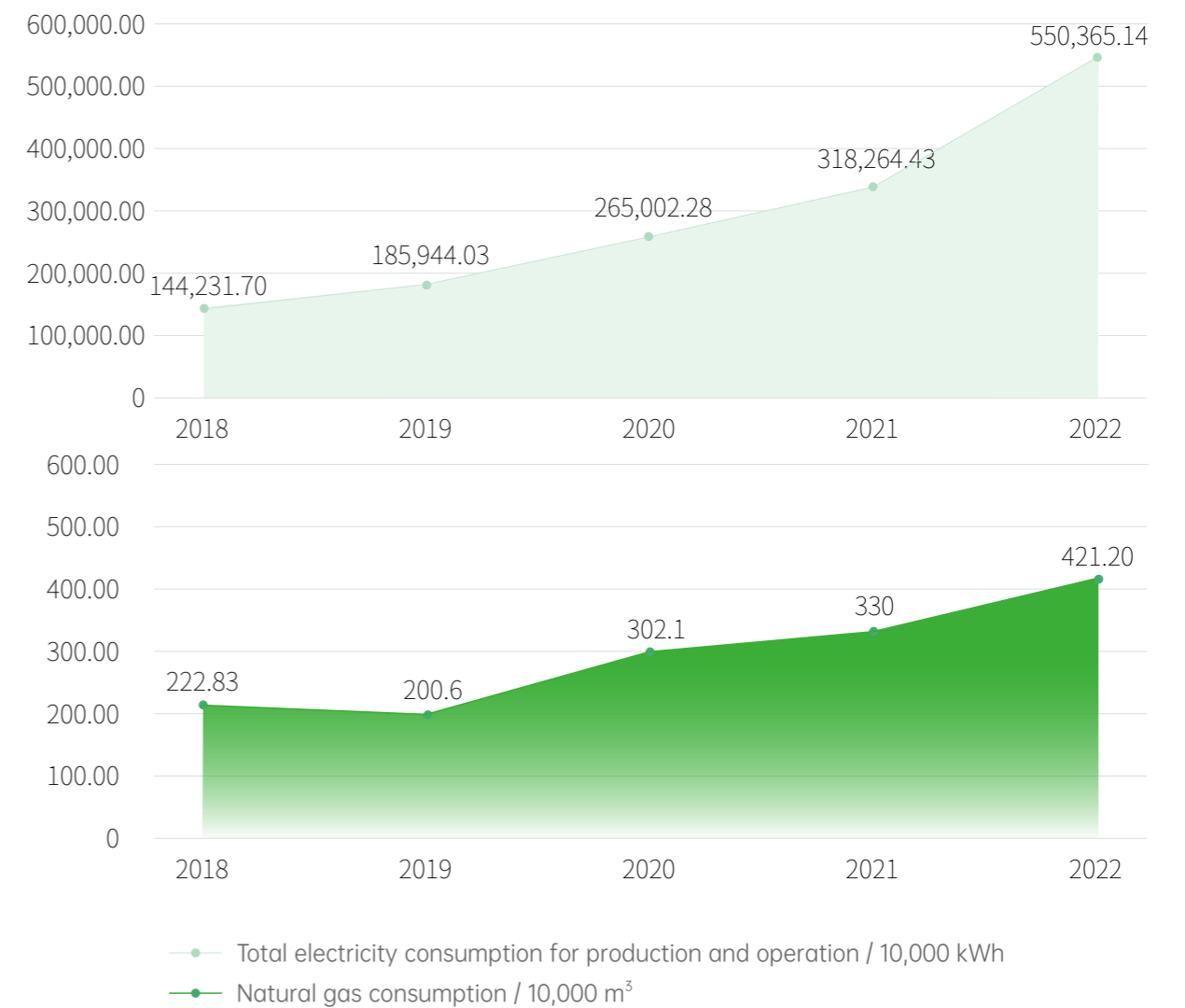
Jinko Solar strictly abides by the *Energy Conservation Law of the People's Republic of China, Guidelines for Energy Management In Industry Enterprise* and other relevant national and local laws, regulations and standards. It also strengthens the construction of an energy management system. At the organizational level, the Company has established a top-down operational system energy management team that covers all bases. Such a team comprehensively coordinates energy management. At the system level, an *Energy Management Manual* has been developed. It is accompanied by procedural documents such as *Energy Procurement Control Procedure, Energy Operation Control Procedure, and Energy Management Procedure for New, Renovation, and Expansion Projects* to standardize energy management. In 2022, the Company added additional bases, such as Yuhuan Base, Yiwu Base, and Chuzhou Base, passed ISO 50001 certification.

List of Bases Certified by ISO 50001 (Examples)

Serial Number	Base	ISO 50001
1	Shangrao Base	Pass
2	Haining Base	Pass
3	Yuhuan Base	Pass
4	Yiwu Base	Pass
5	Chuzhou Base	Pass
6	Sichuan Base	Pass



Jinko Solar's Energy Consumption¹



Note 1: The total electricity consumption for production and operation in 2022 includes 5,458,249.95 MWh of purchased electricity and 45,401.45 MWh of photovoltaic self-generated electricity. The data on purchased electricity in 2022 has been verified by the third-party professional institution. The total electricity consumption for production and operation of the Company in 2022 has undergone significant changes compared to the previous year, mainly due to the continuous increase in the number of enterprise bases, production volume, and shipment volume.

Promoting Energy Conservation and Consumption Reduction

The energy consumption and carbon emissions in the Company's business process mainly source from production and operation. The types of energy involved chiefly include purchased electricity, natural gas, etc. To better promote energy conservation and emission reduction, the Company adopts methods such as optimizing energy structure, exploring energy conservation potential, strengthening technological transformation, and conducting energy conservation and emission reduction training. We thus continuously increase the proportion of clean energy and further improve energy utilization efficiency.

Optimize the Energy Structure

- Accelerate the investment in and construction of renewable energy near the base; actively promote the installation of rooftop photovoltaic modules in various plants, and build advanced energy storage systems for plants, to achieve greener operation. As of the end of 2022, solar photovoltaic power generation systems of a total of 102.07MW have been built on the roofs of the Company's plant buildings. In 2022, the rooftop power generation reached 45,401.45MWh, which was consumed internally.

Explore Energy Conservation Potential

- Establish and improve energy measurement and statistical systems. Regularly submit energy utilization reports, establish and improve energy account and energy utilization status reporting systems, and use them as a basis to analyze the current energy utilization status, identify problems, tap into energy conservation potential, and propose practical and feasible energy conservation measures.

Advance Energy Conservation Technological Transformation

- Accelerate energy conservation technological transformation, promote the development and application of energy conservation new technologies, processes, equipment, and materials, and strive to achieve energy conservation in management, technology, and structure. In 2022, the Company has saved approximately 57.54 million kWh of electricity through 95 technological transformation projects such as the introduction of waste heat recovery system and the conversion of air compressor cooling system. It is equivalent to reducing carbon dioxide emissions by approximately 32,800 tons.

Conduct Energy Conservation and Emission Reduction Training

- Provide specialized training on energy conservation and emission reduction for personnel in energy and equipment related positions throughout the base, and take the training as an opportunity to popularize energy conservation and emission reduction knowledge to relevant personnel.

Strengthen Water Usage Analysis

- Establish a water resource usage cost accounting system that covers all operational areas, and use data transmission and statistical norms to truly and objectively reflect the current water resource utilization in enterprises with water resource consumption indicators.
- Analyze data indicators related to water resource consumption on a monthly basis, identify key water-saving aspects and take targeted actions.

Upgrade Water-saving Facilities

- Phase out outdated production capacity equipment, reduce tap water consumption and pollution discharge through cooling tower concentrated water reuse and air conditioning condensate reuse, and introduction of variable frequency water treatment devices.

Provide Water-saving Education and Incentives

- Organize various forms of activities such as water-saving publicity and providing special incentives for energy conservation and consumption reduction, to reduce water resource consumption in all aspects.
- Link the water-saving performance with the KPI assessment of each department, motivate water-saving behavior, and take this as one of the important assessment indicators for evaluating demonstration bases.

Optimize Water-saving Systems

- Plan and implement key water-saving system optimization and innovation throughout the entire operational scope, to continuously reduce water consumption in production and process systems.
- Make efforts in the recycling and utilization of water resources, including optimization and transformation of DIW (Deionized Water) production, process water-saving optimization and transformation, optimization and transformation of reclaimed water reuse, and optimization and transformation of rainwater reuse, etc.



Water Resources Management

Jinko Solar strictly adheres to the *Water Law of the People's Republic of China* and the *Water Pollution Prevention and Control Law of the People's Republic of China* and other laws and regulations. It has established a sound water resource management system to strengthen water resource management. The water resources used by the Company in the production and operation process mainly source from the municipal water supply, surface water, rainwater collection, and recycled water. Water consumption permits have been obtained. There is no significant impact on water resources in water intake, consumption, and drainage.

The Company integrates the concept of water resource conservation into the entire production and operation process. It comprehensively promotes lean management of water resources by strengthening water use analysis, upgrading water-saving facilities, providing water-saving education and incentives, and optimizing water-saving systems.

RW (Raw Water) Consumption in Various Manufacturing Processes of Jinko Solar¹

Manufacturing Process	Unit	2018	2019	2020	2021	2022
Crystalline silicon	10,000 tons	471.05	407.26	484.27	791.64	1,408.95
Solar cell	10,000 tons	375.39	358.82	421.83	705.35	1,753.92
Module	10,000 tons	200.66	191.95	212.88	216.33	245.67
Photovoltaic materials	10,000 tons	/	/	/	/	38.53
Total	10,000 tons	1,047.10	958.03	1,118.98	1,713.32	3,447.07

Note 1: The raw water consumption of the Company in 2022 has undergone significant changes compared to the previous year, mainly due to the continuous increase in the number of enterprise bases, production volume, and shipment volume.

Pollutants Prevention and Control

Emissions Management Objectives

Jinko Solar strictly complies with relevant laws and standards such as the *Law of the People's Republic of China on Prevention and Control of Air Pollution*, the *Water Pollution Prevention and Control Law of the People's Republic of China*, the *Law of the People's Republic of China on Prevention and Control of Environmental Pollution by Solid Waste*, and the *Discharge Standard of Water Pollutants for Electronic Industry*. It is committed to building an environmentally friendly green enterprise according to these requirements. The Company has clearly stipulated specific management requirements for various types of emissions in system documents such as the *Management Measures for Solid Waste Disposal* and the *Environmental Operation Control Procedure* etc. It has also developed relevant procedural documents.

The Company adheres to the internal control requirement of "being 20% stricter than the statutory emission standards of each operating location" in emission management. We include relevant internal control requirements in the annual performance evaluation of environmental protection employees. During the reporting period, the Company did not experience any incidents of punishment due to excessive or irregular emissions of pollutants.

Exhaust Gas Management

The exhaust gas generated by Jinko Solar in the production process mainly includes acid and alkali exhaust gas from silicon material cleaning, acid and alkali exhaust gas from the solar cell manufacturing process, organic exhaust gas from module string welding, and biochemical odor from wastewater treatment stations. They are treated through acid and alkali neutralization, redox, activated carbon adsorption, and other methods respectively. The Company conducts full process control over the generation, treatment, and emission of exhaust gas in strict accordance with the requirements of the emission permit. We regularly entrust qualified third parties to inspect various exhaust gas outlets according to the requirements of the environmental assessment and self-monitoring plan. Connection with the local government's environmental protection system is realized to monitor emissions compliance in real-time. In addition, the environmental protection department of the Company regularly supervises and tests the emission concentrations of various air pollutants to ensure compliance with the law.

For the management of organic exhaust gas, the Company has installed VOCs treatment systems in multiple bases. This has made us one of the leading enterprises in the same industry in China to install such a system. Meanwhile, during the procurement process, we try to purchase coatings and cleaning agents with low VOCs content as much as possible to replace solvent-based coatings and cleaning agents and reduce emissions from the source. In 2022, the Company's exhaust gas treatment system operated stably, and the exhaust emissions completely met national and industry standards.

In addition to managing the exhaust gas generated during the production process, we also make great efforts to reduce exhaust gas emissions during transportation by building a green transportation chain.



Exhaust Gas Treatment Facilities

Jinko Solar Adopts LNG Solution in Maritime Transportation

Jinko Solar regards ESG performance as an important consideration for supplier cooperation. CMA CGM Group has led the way in terms of ESG performance. Jinko Solar and CMA CGM have reached important cooperation on liquefied natural gas (LNG) solutions for sea transport to jointly build a green transportation chain.

LNG is widely recognized as a clean and efficient fossil energy source and an essential path choice for reducing carbon emissions in transportation. During the reporting period, by using CMA CGM's LNG solution, compared to traditional sea transportation, Jinko Solar has reduced sulfur oxide emissions by 99%, nitrogen oxide emissions by 92%, PM10 emissions by 91%, and carbon dioxide emissions by 184,926 tons.

Wastewater Management

The wastewater generated by Jinko Solar in the production process mainly sources from crystal silicon slicing, crystal drawing and material washing, and solar cell texturing. The main pollutants include chemical oxygen demand, ammonia nitrogen, fluoride, etc. Adhering to the principle of "separation of clean water and sewage, separation of rainwater and sewage, treatment based on quality, and multiple uses of water", the Company has developed a scientific wastewater collection and treatment plan. We use processes such as "physicochemical + biochemical" and acid-base neutralization to treat wastewater. Online monitoring equipment is installed at each production wastewater discharge outlet, where the water quality is monitored 24 hours a day to ensure compliance with discharge standards. During the reporting period, the Company's wastewater has been discharged completely per the standards.

The Company also follows diversified approaches to improve wastewater processing efficiency while achieving cost reduction. Among them, the Slicing Business Division has cancelled the physical and chemical processes and achieved solid-liquid separation through pressure filtration. The generated pressure filtration silicon powder is sold for processing and clean water is reused in the cleaning workshop. This reduces pollution factors while saving pharmaceutical costs and creating silicon powder sales revenue of RMB 5.388 million / year. The Shangrao Base of the Solar Cell Business Division mixes the acidic and highly alkaline wastewater that was originally treated separately. While reducing the input of acid and alkali treatment agents and the pollutants brought in by the agents, it saves a revenue of RMB 621,000 / year.

In terms of surface water pollution prevention and control, the Company mainly runs innovative processes to reduce pollution discharge, improve water resource utilization efficiency, and treat sewage per the standards. In terms of groundwater pollution prevention and control, the Company divides the project anti-seepage into non-pollution areas, general risk pollution areas, and key risk pollution areas based on the difficulty of polluting groundwater. Anti-seepage and anti-corrosion measures are taken to treat the ground of each anti-seepage area. In addition, the Company regularly monitors the water quality of groundwater wells, keeps track of groundwater quality at all times, and develops emergency plans for groundwater pollution. Once a groundwater pollution event occurs, we will immediately identify the source of leakage and take effective measures for correction. In 2022, the Company did not experience any water pollution related incidents.



Wastewater Treatment Facilities

Waste Management

The waste generated by Jinko Solar in the production process mainly includes non-conforming products (waste silicon wafers), waste leftovers, general packaging materials, wastewater treatment sludge, waste flux buckets, waste activated carbon, etc. The Company sells general solid waste for comprehensive utilization, or such waste is recycled by the manufacturer for treatment, etc. Hazardous waste will be stored in a standardized manner by the Company and then submitted to qualified organizations for disposal and recycling in accordance with local laws and regulations. In 2022, the Company further strengthened the full lifecycle management of solid waste. We require general solid waste disposal organizations to complete the GPS installation of transfer vehicles. We perform regular on-site audits of solid waste disposal and tracking of transfer vehicles to ensure 100% compliance with the treatment of solid waste. During the reporting period, the Company conducted a total of 87 audits. The Company's waste is well managed. As of the end of 2022, there have been no environmental pollution or safety accidents caused by improper waste transportation.

Chemical Management

The Company has developed a *Manual for On-site Standardized Management of Chemicals*. The Manual clarifies a series of measures such as chemical procurement management, loading and unloading transportation management, chemical change management, management methods for precursor and explosive chemicals, and emergency drills related to chemicals. According to the requirements of the *Manual for On-site Standardized Management*, the Company actively identifies a list of hazardous chemical characteristics. The chemicals involved in the production and operation process mainly include sodium hydroxide, hydrofluoric acid, sulfuric acid, hydrochloric acid, hydrogen peroxide, etc. have been clarified for classification management based on the characteristics of different chemical properties. The Company has achieved the preset goal of achieving zero leakage of hazardous chemicals and promoting chemical management within the reporting period.

Key Measures for Chemicals Management of Jinko Solar (Examples)

<p>Procurement, loading and unloading, and transportation management</p>	<ul style="list-style-type: none"> Suppliers are required to have complete certificates such as road transportation permit card (for dangerous goods), qualification certificate card (for dangerous goods transportation), and escort certificate. It is strictly prohibited to mix hazardous chemicals with conflicting chemical properties, fire extinguishing, and protection methods. Relevant personnel must wear personal protective equipment (PPE), use necessary tools for transportation, prevent overloading, and fasten chemicals as appropriate.
<p>Chemical change and storage management</p>	<ul style="list-style-type: none"> Stick safety labels on chemical packaging containers to ensure no damage or leakage. Ensure that paper materials such as inbound and outbound accounts, inspection records, Material Safety Data Sheets (MSDS), and temperature and humidity records are complete. Classify and store chemicals separately to ensure complete and effective anti-leakage devices and fire protection facilities. Install explosion-proof lights, switches, sockets, and evacuators in areas where flammable and explosive chemicals are stored.
<p>Chemical-related emergency management</p>	<ul style="list-style-type: none"> Develop relevant systems for chemical emergency management and implement a chemical emergency management plan. Develop drill plans based on the hazardous characteristics of chemicals, and regularly organize emergency drills for chemical leakage.



Specialized Training on Hazardous Chemical Management



Attending a Specialized Meeting on Hazardous Waste Assistance

Harmony of Natural Ecology

Ecological Management

Under the national "carbon peak and carbon neutrality" goals and the overall requirements of green economy development, the connection between photovoltaics and agriculture, as well as photovoltaics and famine control, is becoming increasingly close. As a leading enterprise in the photovoltaic industry, Jinko Solar continues to expand its focus on "photovoltaic +" application solutions. It combines efficient photovoltaic solutions with agriculture and desertification control. Through a series of measures such as agrivoltaics and photovoltaics for sand control, Jinko Solar reduces the impact of production and operation on the environment, natural resources, and biodiversity, and promotes harmonious coexistence between society and nature.

Agrivoltaics

Agrivoltaics aims to combine efficient photovoltaic solutions with comprehensive agricultural utilization. It can achieve the integration and utilization of solar, thermal, and land resources, and improve overall power generation benefits and green economic benefits. Jinko Solar has long been paying attention to the field of "agrivoltaics". By leveraging its product advantages and combining photovoltaic products with agricultural planting, ecological aquaculture, etc., it can not only achieve green and pollution-free power generation, but also meet the needs of planting and aquaculture. It can further take into account the development of ecological rural tourism industry, and increase land unit output and farmers' income by means of rural landscapes, agricultural production activities, agricultural ecological environment, and ecological agricultural business models.

Jinko Solar's Tiger Neo Agrivoltaics 100MW Demonstration Project in Xiping, Guangxi

This agrivoltaics project, located in Yongning District, Nanning City, is of great significance and coordinated and promoted by Guangxi in 2022. In April 2022, Jinko Solar won the bid for the Agrivoltaics 100MW Demonstration Project in Xiping, Guangxi.

The project is equipped with the N-type Tiger Neo series bifacial dual glass module, which is the first large-scale N-type pilot project in Guangxi Province. The Tiger Neo series modules have advantages such as high solar cell conversion efficiency, high power generation, low attenuation rate, low temperature coefficient, high bifacial rate, and remarkable weak light performance. This project can help the region effectively harvest clean energy, improve land use efficiency, and inject new momentum into local development.

Photovoltaics for Sand Control

Photovoltaics for sand control aims to transform desert areas into oases and large clean energy bases through the construction of large-scale wind and photovoltaic base projects. It also plays a role in sand fixation and desertification control. It fully utilizes local resources, improves economic and social benefits such as local governance and environmental power generation, and promotes coordinated regional development. Jinko Solar gives full play to its industrial advantages, builds an integrated model of "planting trees + planting grass + power generation", generates power on the panel, and plants cash crops under the panel. While stabilizing sand, it enriches the local vegetation types, impedes the decline of biodiversity due to climate change to a certain extent, and promotes ecological transformation in desert areas with shrinking deserts. As of the end of 2022, the Company's total photovoltaics projects for sand control, in Gansu, Ningxia, Qinghai, Inner Mongolia, and other places, reached nearly gigawatt level.

Jinko Solar's Tiger Neo 100 MW Photovoltaic Project with China Power International Development Limited in Dalat Banner

In the first quarter of 2023, the Company delivered N-type TOPCon PERC bifacial modules to China Power in a timely manner. This helped China Power's Dalat Banner 100 MW photovoltaics for sand control and animal husbandry comprehensive demonstration project smoothly connect to the grid for operation.

After calculation, with the support of PERC bifacial modules of the N-type Tiger Neo, the Dalat Banner 100 MW photovoltaics power plant project is expected to have a total power generation of 5,046,553.05 MWh during its operation period, with annual equivalent full load operating hours of approximately 1,677.42 hours. It can provide clean electricity of over 200 million kWh per year.

06

Intelligent Craftsmanship and Innovative Services

Topics Involved

- Clean technology R&D
- Innovative service management
- Product quality management
- Product lifecycle management

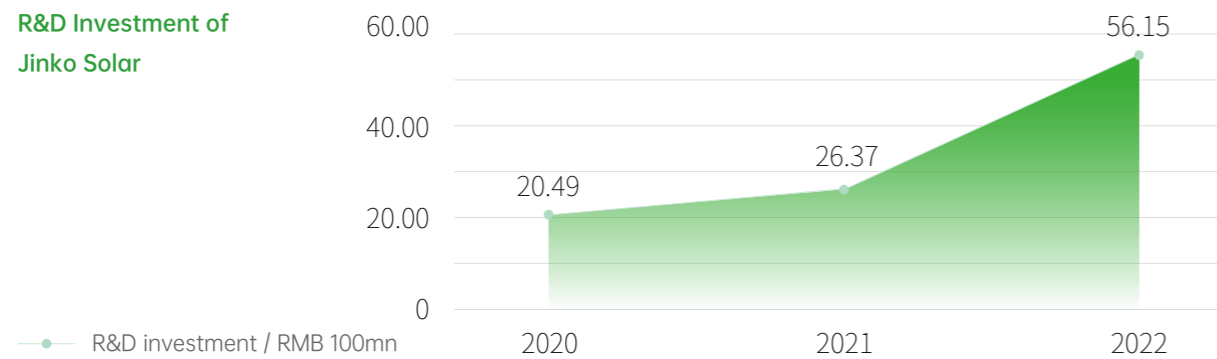


R&D and Innovation Capabilities

R&D Platform Construction

Jinko Solar dedicates on the construction of R&D platforms. It has built a well-known and well-established R&D Center in the industry. Taking the advantages of vertical integrated photovoltaic industry chain, the R&D Center focuses on the forefront of global photovoltaic manufacturing and application. It has become the hub for the development of new products, new technologies, and new processes of the Company, as well as an industry-university-research joint exchange center. As of the end of 2022, the Company's R&D Center has been recognized by multiple national research platforms, including the National Enterprise Technology Center, National Technology Innovation Demonstration Enterprise, and National Postdoctoral Research Workstation. It also boasts 15 provincial-level research platforms and 1 provincial-level innovation team. At the beginning of 2022, the Company set a goal of increasing clean technology investment (namely R&D investment) by 100%, and successfully achieved the goal by the end of the year.

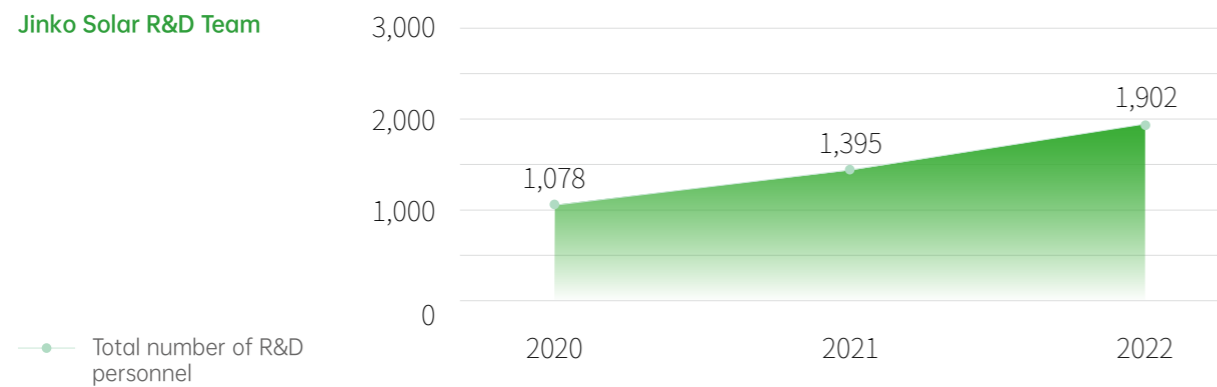
R&D Investment of Jinko Solar



R&D Talent Development

The Company's R&D technical team has strong strength and continues to attract industry top talents, core technical engineers, and research talents from well-known universities at home and abroad. As of the end of 2022, the Company's project R&D team has a total of 1,902 R&D technical talents, including 20 doctors and 200 postgraduates from well-known domestic and foreign universities, as well as experienced core engineers. The Company also uses projects as a carrier and flexibly introduces more than ten domestic and foreign experts to provide technical guidance for the projects. In 2022, the Company newly introduced 3 postdoctoral fellows and 1 talent of "Dual-1,000 Program".

Jinko Solar R&D Team



R&D Technology Innovation

The Company has long adhered to innovation driven and independent R&D, and maintained a high level and sustained growth of R&D investment. It continuously promotes technology and product upgrades, and strives to achieve product efficiency improvement, cost control, and long-term reliability. With a leading position of technology, Jinko Solar keeps launching new products with effective development cycle from ideation, R&D to batch production. As of the end of 2022, the Company has broken the world records for solar cell efficiency and module power for 22 times, especially in the N-type TOPCon field. In the past 2 years, it has broken the world record for N-type TOPCon solar cells 7 times in a row.

The 22th Time World Record Achieved by Jinko Solar

The highest conversion efficiency of 128N-type TOPCon cell reaches **26.4%**

Setting a New World Record



Relying on a globally competitive R&D team and the leading position of photovoltaic technology, the Company has achieved fruitful results in exploring photovoltaic technology innovation and the implementation of R&D achievements. In 2022, the Company won 9 technology awards, participated in the formulation of 10 industry standards, and undertook 17 national, provincial, and municipal key specialized research projects. It further successfully published 4 papers in internationally renowned energy journals.

Important Scientific Research Achievements of Jinko Solar in 2022

Technology awards	Obtained 9 science and technology awards at all levels, including 6 at the provincial and ministerial levels, and 3 at the society / association level
Standard development	Participated in the development of 10 industry standards, including 5 association standards and 5 group standards
Specialized tasks	Undertook 17 key specialized projects at all levels, including 4 at the national level, 8 at the provincial and ministerial level, and 5 at the municipal level
Paper publication	Published 4 academic papers in journals such as Nano Energy, Progress in Photovoltaics, and Advanced Energy Materials



Improve Product Quality

Quality Management System

Jinko Solar strictly adheres to the *Product Quality Law of the People's Republic of China*, the *Standardization Law of the People's Republic of China*, and relevant laws, regulations, and industry standards of the operating location. It constructs a comprehensive quality management system, and formulates a *Management Manual* and more than 30 related procedural documents to standardize the entire process of product quality management and effectively prevent quality risks. The Company's quality and safety management has achieved significant results. There have been no significant quality and safety accidents or large-scale consumer complaints and reports in the past 5 years.

Improve the quality management structure

- We implement responsible management on quality issues at levels of the Company, department, and position, thereby clarifying the requirements and responsibilities of all personnel for quality work. The CEO of the Company is the principal for quality management, and the quality management system bears the main responsibility. It also has 8 secondary quality management departments to collaborate and promote the integration of quality management, so as to realize comprehensive and efficient control of quality inspection, quality assurance, and quality prevention.
- In 2022, based on the "consistency level" management model of multi-base quality, the Company was included in the "Top 50 Advanced Quality Management Methods in Jiangsu, Zhejiang, Anhui, Jiangxi, and Shanghai in 2022".

Construct digital quality system

- We continue to promote the construction of the digital quality management system. Multi-dimensional comprehensive analysis and trend display are realized based on production and quality data, to provide basis for management decisions.
- In 2022, we continued to deepen the construction of digital quality management system. A three-year development plan for digital quality was formulated. A unified document management system throughout the industry chain was established, including the Statistical Process Control (SPC), Global Quality Control System (GQCS), Customer Service Management System (CSMS), etc. It helps to realize the lifecycle digital quality and systematic management of the whole value chain.

Upgrade the quality inspection platform

- Product development, material introduction, product reliability analysis, electrical performance, and physical/chemical analysis all play an important role in the quality control of Jinko Solar. The Company has invested in the construction of a professional R&D testing center, at which multiple cutting-edge and mainstream photovoltaic standard tests can be carried out.
- The laboratory has obtained multiple qualifications such as CNAS, UL, CGC, DEKRA, TÜV Rheinland, TÜV NORD. It is equipped with top testing and analysis equipment and specialists in the industry, which can comprehensively improve product detection and quality control.

Control quality risks

- We conduct comprehensive quality inspection and control throughout the entire product lifecycle. In the procurement stage, we standardize supplier access standards, strengthen supervision and evaluation of harmful substances in supplier products, and ensure product quality from the source. During the production and delivery phase, strict adherence to various quality standards and technical documents is required to inspect and trial produce key control points and products to be delivered. The loading process is monitored to ensure that the physical quality of delivered products continues to meet customer needs.
- In terms of defective product management, a specialized recall team is established to be responsible for product recall related topics. Quality accident reporting and handling analysis systems such as the *Quality Violation Management Regulations* and *Non-conforming Product Management Regulations* are formulated to form countermeasures aimed at preventing recurrence and practical improvement. During the reporting period, the Company did not experience any product recall incidents.

We actively promote total quality management. ISO 9001 quality management system and IEC 62941 photovoltaic module manufacturing quality management system certification are put in practice throughout the Company. In 2022, the Company added additional bases, such as Chuxiong Base and Hefei Base, passed ISO 9001 certification, while the one-time pass rate of certification renewal and recertification audit of other bases is 100%.

ISO 9001 Certified Bases (Examples)

Serial Number	Base	ISO 9001
1	Shangrao Base	Pass
2	Haining Base	Pass
3	Yuhuan Base	Pass
4	Yiwu Base	Pass
5	Chuzhou Base	Pass
6	Sichuan Base	Pass
7	Malaysia Base	Pass
8	U.S. Base	Pass
9	Chuxiong Base	Pass
10	Hefei Base	Pass

Bases Certified by IEC 62941 (Examples)

Serial Number	Base	IEC 62941
1	Shangrao Base	Pass
2	Haining Base	Pass
3	Yuhuan Base	Pass
4	Yiwu Base	Pass
5	Chuzhou Base	Pass

Quality Culture Construction

The company emphasis on product quality overall atmosphere creation. So as to draw the attention of relevant personnel to product quality, the Company has established a globally unified and specialized quality management training platform. The platform provides comprehensive quality training for core product quality related departments such as quality management system and manufacturing operation system teams. Based on the needs of employees at different levels, the platform plans and systematically develops general, professional, practical, and customized courses. It also involves the key and difficult points in the Company's quality management system and management practices, thereby effectively improving production quality and employee management level.

In addition, the Company has established multiple cross functional groups to support employees to actively participate in cross functional innovation cooperation projects such as major technological innovation, joint research, QCC team, DOE project team, proposal improvement, etc. This can fully mobilize employees' initiative to participate in the Company's quality management. Quality related personnel are organized to communicate with national and provincial quality development bureaus, and master the requirements of quality frontier development and quality strategy. In-depth discussions are conducted with professional quality training institutions such as national and provincial quality associations, TÜV Rheinland, SGS on cutting-edge technical information, system development, management models, etc.

Product Traceability Management

Jinko Solar has established a vertically integrated product traceability management system from the supply chain to end customers. Relying on a digital traceability system, we manage the quality monitoring data involved in the inspection of qualified products from raw materials to finished modules before leaving the factory. The product barcode labeling technology is also applied to ensure the production standardization and product lifecycle traceability.



Environmentally Friendly Products

Green Full Lifecycle Management

Jinko Solar integrates the concept of green and low-carbon sustainable development into its corporate genes. A comprehensive, and objective environmental impact assessment is performed through the entire lifecycle covering raw material collection, production and processing, circulation and storage, consumption and use, recycling, and final scrapping. It identifies the main factors that affect the environmental performance of the product lifecycle. A series of methods are employed to control the carbon emissions of key products throughout their lifecycle, to ensure that the product has a green and low-carbon advantage.

Environmentally Friendly Measures throughout the Product Lifecycle (Examples)

Material selection and procurement process	R&D and design process	Production and manufacturing process	Recycling process
<ul style="list-style-type: none"> Incorporate the use of recycled materials into procurement considerations. Establish a special team to try out the recycling of packing boxes and packaging plastics products with slurry suppliers. Actively introduce granular silicon to reduce energy consumption while mitigating environmental pollution. 	<ul style="list-style-type: none"> Incorporate low-carbon and environmental considerations into product design, carry out integrated thinning and weight reduction projects, continuously optimize product processes, and control the usage of materials such as silicon wafers, slurry, and adhesive films within a reasonable range. Actively develop new alternative materials to protect customer health and safety while reducing product environmental impact. 	<ul style="list-style-type: none"> Adhere to low-carbon production; implement lean management of energy consumption; and increase the proportion of clean energy in the manufacturing process by building rooftop photovoltaic power stations and purchasing green electricity, thereby reducing GHG emissions. 	<ul style="list-style-type: none"> Develop the <i>Specification for the Use of Recycled Packaging Materials</i> and actively promote the recycling of packaging materials. Explore methods for end-of-life recycling and reuse of products, and further promote green, low-carbon, and high-quality development.

Through full lifecycle low-carbon management, the Company has created more low-carbon green products. As of the end of 2022, our multiple products have passed carbon footprint regional certification in France, Italy, and other regions, as well as product carbon footprint certification such as ISO 14067: 2018.

Overview of Carbon Footprint Certification for Green Products of Jinko Solar (Examples)

Certification Type	Specific Description
Product carbon footprint regional certification	At the beginning of 2019, French carbon footprint certification work began to move forward in an orderly way. So far, in total 24 versions of module product have obtained the carbon footprint certification from Certisolis Laboratory of France. And among the certified versions, 10 versions are the mainstreaming versions.
	In June 2021, the Company obtained the first Life Cycle Assessment (LCA) certification for photovoltaic modules in TÜV Rheinland Greater China and passed the Italian Environmental Product Declaration (EPD) certification in one attempt. The certified products are 5 versions of monocrystalline mainstreaming module products.
Product carbon footprint certification of ISO	In September 2021, the 5 versions of the 182P series of module products passed the TÜV Rheinland ISO 14067: 2018 carbon footprint certification.
	In March 2022, the 5 versions of the 182N series of module products passed the TÜV Rheinland ISO 14067: 2018 carbon footprint certification.

Recycling of recycled materials

Under the wave of carbon neutrality, the "last kilometer" of photovoltaic green supply chain - module recycling industry continues to attract attention. Jinko Solar actively participates in the research of module recycling related technologies. The Company strictly adheres to the laws and regulations related to green products in the operating location. Scrapped module equipment is properly handled, and product recycling considerations are integrated into the module design process in advance.

The Company continues to promote technological innovation related to module recycling. A 12MW recycling demonstration production line has been built for Jinko Solar's modules. This production line is one of the project achievements of the "13th Five Year Plan" National Major Research Special Project on Hydrogen and Renewable Energy "Crystal Silicon Photovoltaic Module Recycling and Treatment Complete Technology and Equipment", and has passed the acceptance testing of Ministry of Science and Technology.

We are committed to continuously improving module recycling rates through more efficient, environmentally friendly, and sustainable recycling technologies and processes. Through the Jinko Solar Eco-Recycling Procedure with value-created and eco-friendly features, not only aluminum frames, junction boxes, and glasses are dismantled, recycled and reused, but also silicon and metals in solar cells are recycled, proactively eliminating the negative impacts on environment during the product end of life. The Company deeply explores the value of product recycling and reuse, reaching a recovery rate of up to 99% for some materials. In November 2022, the Company was awarded the leading demonstration unit in "Photovoltaic Recycling and Cyclic Utilization" by the Photovoltaic Recycling Industry Development Cooperation Center of the PV Committee of China Green Supply Chain Alliance.

While achieving internal breakthroughs in module recycling technology, the Company leverages its own advantages to promote the industrialization of module recycling in the industry. The Company has participated in the formulation of many standards such as *General Technology Requirements for Photovoltaic (PV) Module Recycling and Recovery* (GB/T 39753-2021) and *Guidelines for Scrapping Crystalline Silicon Photovoltaic Modules* (T/CPIA 0043-2022), to drive the orderly development of photovoltaic module recycling industry. In addition, the Company has joined multiple professional organizations such as the PV CYCLE and the China ECO-PV Alliance. Collaborating with numerous enterprises of PV industry, the Company is engaging the innovation and evaluation of photovoltaic recycling technology, the development and demonstration of key equipments, the draft and promotion of standards and systems, and research and consultation of policies and regulations.



High-quality Customer Services

Customer Service Network

Jinko Solar has established a global production, logistics, sales, and service network to meet the needs of global customers. As of the end of 2022, the Company had 14 bases in place, with a total of more than 35 service centers and 25 logistics centers. The service network covers more than 160 countries and regions worldwide, and the annual order volume exceeds 9,000. Our service team is able to make timely customer service responses and provide solutions in the local language and the same time zone as the customer.

Full Process Customer Service System

Jinko Solar has established a full lifecycle customer service system. It has developed internal systems such as *Customer Complaint Handling Management Regulations*, *Customer Satisfaction Evaluation Management Regulations*, and *Supervision and Inspection Management Regulations*. We are committed to providing customers with high-quality and professional services with a complete service system and process, and creating an outstanding customer service brand. In 2022, the Company upgraded its customer service system. It has implemented a fully electronic after-sales service management system, and established a Customer Service Management System (CSMS) as the client port for full chain electronic management. This aims to provide customers with better quality services in a shorter period of time.

Jinko Solar's Customer Service System




Customer Opinion Management

Jinko Solar values customers' opinions and suggestions. It maintains long-term and stable communication with customers through phone / fax, email, webpage messages, customer visits, and regular satisfaction surveys. Customer profiles have been established to ensure that customer needs are fully understood and addressed. In addition, the Company has established a terminal customer service management system to classify and manage customer complaints, ensuring timely feedback and resolution of customer complaint issues.

In 2022, the Company implemented a specialized optimization and improvement project in the management of major customer complaints. Unified collaborative management of base customer complaints has been put into practice, integrating and analyzing customer complaint data through a digital customer complaint service management system. Corresponding improvement measures have been developed based on the analysis results to help improve customer satisfaction. The satisfaction survey results during the reporting period show that the Company's customer satisfaction is significantly ahead of major benchmark and competitor enterprises in the industry.

Better Service Experience

Jinko Solar continuously enhances customer satisfaction through a series of actions such as customer health and safety assurance, product knowledge promotion and popularization, construction and operation safety assurance, and continuous care.



Health and safety assurance

We conduct specialized research on product health and safety issues. A *Solar Photovoltaic Module Installation Manual* has been released on the official website, to timely inform customers of the safety requirements during product installation and use. We conduct specialized investigations, tracking, and analysis on product health and safety, and establish smooth customer contact paths through channels such as salespeople and customer service. Timely and effective follow-up and handling of customers' problems related to health and safety is thus ensured.



Product knowledge promotion and popularization

We provide specialized training on daily product maintenance for relevant personnel to ensure on-site or remote professional technical support for customers. In 2022, the Company provided on-site services for a total of 168 projects, with an actual on-site service volume of 9,899 MW.



Construction and operational safety assurance

We provide timely guidance for project construction and timely feedback on non-standard construction. In 2022, the Company issued 36 construction proposals to owners whose construction was not standardized and not improved after on-site guidance, promoting the smooth progress of construction.



Project Construction Site Guidance

07

Wonderful Workplace with Brilliant Peers

Topics Involved

- Employees' rights and interests
- Employee care
- Diversity and equality
- Human capital development

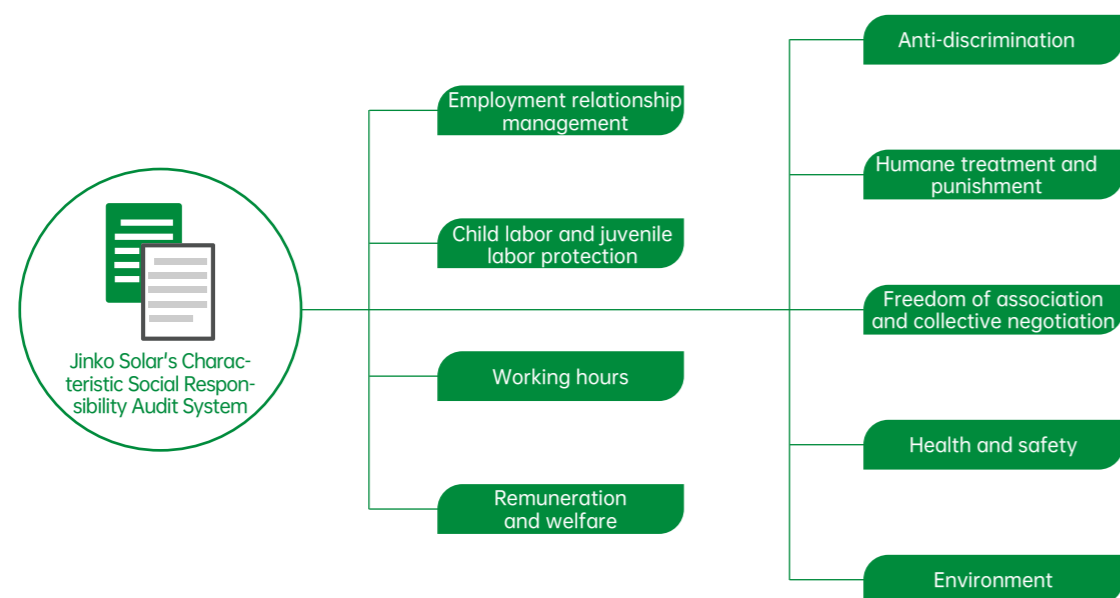


Employees' Rights and Interests

Social Responsibility Audit

Jinko Solar regards social responsibility audit as an important cornerstone, and has long focused on the construction of a social responsibility audit system. It centers on social responsibility topics that are highly concerned by internal and external stakeholders, and strives to create a legal, compliant, rigorous, and scientific social responsibility audit system. In 2022, we set up an internal management team for social responsibility audit. We further cooperated with third-party authorities to integrate mainstream standards such as the *Code of Conduct for Responsible Business Alliance*. We customize the social responsibility audit system with Jinko Solar's characteristics from the dimensions of employment relationship management, child labor and juvenile labor protection, working hours, remuneration and welfare, anti-discrimination, humane treatment and punishment, freedom of association and collective negotiation, health and safety, and environment. Based on this, pilot audit is carried out to further identify social responsibility risks while also providing feedback on the improvement of the social responsibility audit system.

In addition, we actively promote the third-party social responsibility audit and internal audit on a regular basis. In 2022, we conducted the third-party social responsibility audits for core bases and incorporated any identified deficiencies into specific improvement plans to improve sustainable development performance. In terms of internal audit, we carry out internal audit work for all bases and use internal audit as an entry to further identify operational management deficiencies and monitor the effectiveness of relevant improvement actions. The coordination between internal and external audits helps to better identify and reduce the social responsibility risks of Jinko Solar, as well as raising the overall competitiveness.



Employees' Rights and Interests

Jinko Solar strictly adheres to the *Labor Law of the People's Republic of China*, the *Labor Contract Law of the People's Republic of China*, the *Law of the People's Republic of China on Promotion of Employment*, as well as the laws and regulations of various operating locations. It also responds to international initiatives and standards such as the *Universal Declaration of Human Rights*, the *List of International Labour Organization Conventions*, the *UN Guiding Principles on Business and Human Rights*. We value and respect the basic rights and interests of all employees at home and abroad, and maintain zero tolerance for infringement in relevant fields.

We have developed procedural documents and operational procedures, including the *Employee Handbook*, to provide detailed and clear explanations on employee occupational safety and development, working conditions, labor relations, and other matters. Supporting labor rights and interests security special systems such as the *Recruitment Management System*, *Anti-discrimination Regulations*, *Regulations on the Prohibition of Forced Labor and Prison Labor*, *Regulations on the Protection of Child Labor and Juvenile Workers*, *Attendance Management System*, and *Regulations on the Protection of Female Employees*, are formulated to regulate the management methods and prevention and remedial measures for labor compliance related matters.

The Company aims to realize "no child labor and no forced labor". In 2022, the Company's social responsibility performance was satisfactory, with no incidents of child labor, forced labor, insult or harassment, and no incidents of security violence.

Practice of Jinko Solar Rights and Interests Protection Management (Examples)

<p>Prohibition of forced labor and prison workers</p>	<ul style="list-style-type: none"> Develop the <i>Regulations on the Prohibition of Forced Labor and Prison Labor</i>, which clearly prohibits the use of forced labor and prison labor, and requires regular self-inspections. All employees shall work voluntarily and any form of coercive behavior is prohibited. In all internal and external audits in 2022, no forced employment was found, revealing 100% compliance.
<p>Prohibition of child labor</p>	<ul style="list-style-type: none"> Develop the <i>Regulations on the Protection of Child Labor and Juvenile workers</i>, strictly prohibit the employment of child labor as defined by law, and conduct regular self-inspections. In all internal and external audits in 2022, no cases of child labor were found. When necessary, review the identity documents of job seekers and in-service employees to ensure the accuracy and authenticity of information. If there are discrepancies or suspicions in relevant information, timely report to HR for handling.
<p>Reasonable working hours and overtime remuneration</p>	<ul style="list-style-type: none"> Adopt standard working hours and comprehensive working hours (both with relevant approvals), and monitor shift scheduling and attendance data online to ensure reasonable working hours and protection of rest and vacation rights. Prohibit forced overtime. If temporary overtime is required due to work reasons, make applications through the overtime process and obtain approvals by superiors before implementation. Provide catering and transportation subsidies for overtime employees, and corresponding overtime compensatory leave.
<p>Freedom of association and collective negotiation</p>	<ul style="list-style-type: none"> Within the scope permitted by law, employees have the right to freely associate with others, form and join (or prevent joining) various employee organizations, and engage in collective negotiation. Companies or individuals are prohibited from intervening, discriminating, retaliating or harassing such behavior. Implement agreements reached with the labor union regarding employee working conditions, health and safety, basic rights and interests, training and development, and special protection for female employees and pregnant and lactating female employees. As of the end of 2022, the Company's labor union had a coverage rate of 100% in domestic units, with 100% of employees joining the union in China and taking part in collective bargaining in China. Establish and improve the system of employees' congresses, regularly hold employees' congresses, safeguard employees' rights to information, participation, and supervision, and improve democratic management in enterprises.
<p>Anti-discrimination</p>	<ul style="list-style-type: none"> Adhere to the principle of open and equal recruitment. Through the <i>Recruitment Management System</i> and digital recruitment platform, ensure the disclosure of recruitment position information, sharing of recruitment resources, and fair interview and recruitment process, and sign labor contracts with employees. Fairly treat all employees, without any discriminatory behavior in employment, job distribution, wages and benefits, training and promotion, punishment, dismissal or retirement due to factors such as race, age, gender, sexual orientation, geographical region, disability, religion, political status, union membership, military status, nationality, marital status, pregnancy, medical status, social class, physical characteristics, etc. In 2022, the Company employed 6,500 ethnic minority employees and 17 employees with disabilities.
<p>Women's care</p>	<ul style="list-style-type: none"> Develop the <i>Regulations on the Protection of Female Employees</i> to protect the labor rights and interests of all female employees, regulate the prohibited labor of female employees and take protective measures during their menstruation, pregnancy, childbirth, and lactation. Provide care facilities such as mother and baby rooms for women, offer benefits for women on Women's Day, and include common diseases among women in the annual physical examination plan.

Diversified Employee Structure

We always embrace a diverse and inclusive work environment. We respect the differences in employees' personalities, abilities, and growth experiences, and cherish talents with different backgrounds, talents, insights, experiences, and skills. We promote the integration of employees from different backgrounds, and provide training on diversity and rights policies, to build a diverse workforce. Moreover, we focus on creating job opportunities for local employees, and during the reporting period, the ratio of localized employment of company senior executives reached 38%.

Employee Structure of Jinko Solar in 2022



Total number of employees
46,494

Employees by gender



Male

33,639



Female

12,855

Employees by age

Number of employees aged 30 years old and below

22,893

Number of employees aged 30-50 years

23,151

Number of employees over 50 years old

450

Employees by job level

Number of senior management employees¹

60

Number of middle level employees

1,316

Number of general employees

45,118

Employees by region

Number of domestic employees

38,430

Number of overseas employees

8,064

Note 1: The definition of senior management employees is X5 and above, which is different from the definition of senior management in the "Efficient Governance and Communication" section of the report.

Employee Communication Mechanism

Employee Communication Channels

Jinko Solar creates positive employee relationships and maintains an open, mutual trust, and smooth two-way communication environment. The Company enriches employee communication channels and methods, and sets up Jinko Solar's online platform, meeting with senior executives, employee forum, employee engagement survey, trade union and other forms of employee communication channels. We listen to the voice of employees in a variety of ways, via which employees can give feedback on compliance employment, harassment and discrimination, care for vulnerable groups, welfare protection and other issues through this channel. The Company categorizes and summarizes the collected information from employee communication, and develops corresponding follow-up plans based on the type and urgency of communication matters to ensure timely improvement of relevant issues. In addition, to better protect employee privacy, the Company has established internal management standards to ensure that communication matters are only known to the receptionist and relevant personnel. In 2022, the Company did not receive any report on incidents related to social responsibility.

Employee Engagement Survey

The Company conducts an annual engagement survey. Based on the survey results of employees' attitudes towards 12 elements of a high-performance work environment (including corporate culture, work experience, training opportunities, and other dimensions), we gain a deeper understanding of employees' demands and thus promote internal improvement, contributing to cultural development and a more efficient work environment. In December 2022, Jinko Solar conducted an engagement survey for all employees, with a total of 44,410 employees' participating. The survey results show that the average employee engagement of the Company is 4.26 points, which is in the upper middle level of Gallup global database.

Corporate Culture Promotion and Implementation

To enable employees to have a deeper understanding and recognition of, and identification with Jinko Solar's culture, we have carried out various and hierarchical cultural promotion activities, so that employees can have a more comprehensive, accurate, and in-depth understanding of the Company.

In 2022, the Company launched the Jinko Sunny Day corporate culture brand project. It mainly focused on informal dialogue and discussion on dimensions such as strategy, corporate culture, talent development, grassroots cadres' ability improvement, and sustainable corporate governance. The project included a total of 18 sessions, attracting 459 person-times of grassroots management cadres and core business backbones to participate, with 405 feedback and suggestions collected. In terms of daily improvement projects such as improving and enhancing related processes and personnel administrative services, the Company has established a special project in the week of the activity and completed the corresponding improvements within one month. In terms of the overall governance of the Company, improvement of employee welfare, and sustainable development of the Company and its employees, a monthly report is presented to the decision-making level to assist in the systematic improvement planning.

In addition, the Company has launched a "Progress with Light" cultural program to search for model stories of Jinko Solar. In 2022, it has produced over 10 issues. Under the promotion of the program, various bases have established the "Power of Role Models" by holding skill competitions and various evaluation activities. It has promoted the implementation of Jinko Solar's corporate values and culture.



Jinko Sunny Day at Shangrao Base



Jinko Sunny Day at Haining Base



Jinko Sunny Day at Overseas Marketing Center

Remuneration and Welfare

Employee Performance System

Jinko Solar links the Company's overall goals with employees' individual work goals through a fair and comprehensive performance management system. The Company promotes the annual performance evaluation of employees by referring to corresponding internal standards, and provides corresponding rewards based on the results of employee performance appraisal and the Company's performance in the current year.

In addition, the Company has formulated the *Management Measures for Excellence Evaluation*, based on which annual and quarterly outstanding managers, outstanding employees, and teams are selected and corresponding rewards are given according to the level of excellence in evaluation.

Employee Remuneration System

To meet the requirements of the Company's strategic development and build a scientific and efficient remuneration system with internal fairness and market competitiveness, Jinko Solar has formulated the *Remuneration Management System* and carried out internal remuneration management based on it. The Company strictly complies with local regulations and requirements for operation. We do not set different starting remuneration and reward standards based on employees' gender, religion, politics, marital status, etc. Competitive remuneration is provided for employees through a fair, reasonable, and motivating remuneration management system.

In addition, the Company provides employees with reasonable and substantial rewards through multiple assessment systems, including annual bonuses, medium and long-term incentives, and special incentives.

Employee Welfare System

To convey its corporate culture and values, and reflect its humanistic care for employees, Jinko Solar has formulated the *Welfare Management System*, and based on this, standardized the Company's welfare content and standards. It further enhanced employees' sense of belonging and cohesion. The Company provides employees with statutory benefits in accordance with local laws and regulations in each operating location, as well as diversified benefits such as health guarantee benefits, life guarantee benefits, incentive benefits, holiday and cultural construction benefits beyond regulations.

List of Employee Benefits of Jinko Solar (Examples)

Statutory benefits	• Social insurance and housing provident fund, statutory holidays and annual leave, high-temperature protection, etc.
Health security benefits	• Physical examination, commercial insurance, etc.
Life security benefits	• Communication allowance, transportation allowance, meal allowance, etc.
Incentive benefits	• Working age allowance, night shift allowance, etc.
Holidays and cultural constructive benefits	• Holiday benefits, team building activities, employee birthdays, employee care, etc.

Employee Training and Development





Employee Training System

As a globally distributed and industry-leading enterprise, Jinko Solar has been promoting strategic development and organizational talent cultivation. Based on job characteristics, it is committed to building a global and highly competitive talent team by job matching and improving talent dynamic management.

The Company has developed training management systems such as the *Training Management System* and *Internal Trainer Management Measures*, as well as standardized tools such as the *Training Quality Control Manual*, *Leadership Training System Manual*, and *Cadre Management Empowerment Manual*. Through scientific talent inventory and talent development strategy planning, the Company has opened up the internal talent supply chain of "identifying, employing, and educating talent". Attention is also paid to the implementation path of the "Six Ones" corporate culture construction, to integrate the headquarters and system to build a "diversified + multipoint" training mechanism, and conduct full lifecycle cadre management.

The Company regards "providing rich learning and development resources, enhancing employee professional skills" as an important topic, and improves the training system through a combination of online and offline, pre-job and on-the-job, and internal and external training. It has built a training system consisting of strategic talent cultivation, key position talent cultivation, general ability cultivation, and social responsibility awareness enhancement, so that employees at different levels can improve their common skills, professional skills, management skills, and social responsibility awareness. In terms of training brand building, the Company has developed a "Management Trainee Training Plan" and a "Campus Talent Training Plan" for fresh graduates, and an "Excellent Talent Training Plan" for outstanding talented people recruited from the society, to systematically cultivate and develop fresh graduates and talents.

On-the-Job Training System for Jinko Solar's Employees

 <p>General Skills</p> <hr style="border-top: 1px dashed #ccc;"/> <ul style="list-style-type: none"> • Target scope: All employees • Training content: self-management, business etiquette, office skills, etc. 	 <p>Professional Skills</p> <hr style="border-top: 1px dashed #ccc;"/> <ul style="list-style-type: none"> • Target scope: professional positions such as marketing and technology • Training content: professional skills, product knowledge, sales skills, etc. 	 <p>Managerial Skills</p> <hr style="border-top: 1px dashed #ccc;"/> <ul style="list-style-type: none"> • Target scope: cadres at all levels • Training content: management skills, leadership, execution, etc. 	 <p>Social Responsibility Awareness</p> <hr style="border-top: 1px dashed #ccc;"/> <ul style="list-style-type: none"> • Target scope: All employees • Training content: ESG basic knowledge, rights and diversity, emission reduction actions, etc.
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To enable employees' more efficient access to targeted training resources, the Company has established an online talent E-Learning platform. By building training academies covering various systems, it provides online training resources that meet the needs and helps employees comprehensively improve their overall quality. The Company uses the E-Learning online platform as the carrier to conduct lecturer selection and teacher team construction for all employees, and certifies lecturers based on training participation and satisfaction. As of the end of 2022, the Company has nearly 2,000 instructors participating in registration and training certification. The Company is equipped with standardized training management systems and online OA processes. Digital training methods are utilized to effectively improve the convenience of acquiring knowledge and achieve visual tracking of training data.

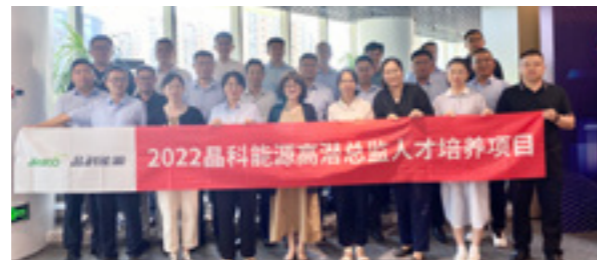
In 2022, the Company completed a total of 2,275 training sessions, covering various aspects such as management ability, professional technology, production safety, general occupational ability, environmental protection, energy and climate, laws and regulations, social responsibility, etc. The total training hours were 2,348,951 hours, with an average of 50.52 hours per person. Throughout the year, 158,664 person-times were involved, with a coverage rate of 100%. Through diversified and multi-level training, employee growth and company development have achieved a positive interaction.

Jinko Solar Provided Training on Labor and Their Rights and Interests

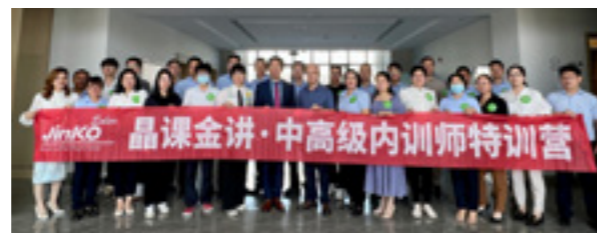
On July 8, 2022, Jinko Solar invited external ESG experts to conduct a specialized training on labor and rights. This training involved the current status of the ESG system, the origin and background of the corporate social responsibility, and the classification of social responsibility audits. The training detailed the normative requirements for child labor and forced labor, diversity and inclusion, health and safety management, freedom and collective bargaining rights to organize trade unions, discrimination and disciplinary measures, working hours and salaries, management systems, and how HR should respond to and promote the above content in relevant work.



Campus Talent Training Camp



2022 High Potential Director Talent Training



Special Training Camp for Middle and Senior Internal Trainers



Module Training Spark Program Management Improvement Training



Jinko Solar Malaysia Training JSTP Graduation Ceremony

Jinko Solar 2022 Employees' Training Performance

Employee training coverage rate



Employee training ratio

100%

Hours of employee training

Total hours of employee training
2,348,951 hours

Per capita training hours
50.52 hours

Total hours of male employee training
1,456,350 hours

Total hours of female employee training
892,601 hours

Number of employee participant person-times

Total number of employee participant person-times
158,664

Total number of male employee participant person-times
98,372

Total number of female employee participant person-times
60,292

Employee Promotion Mechanism

The Company takes into account the career development of employees and strives to expand the space for their self-worth realization. To select talented employees with excellent performance, high potential, and create value for the Company's development, the Company has formulated the *Promotion Management System* and other management measures related to employee career promotion, thereby further improving and perfecting the talent selection and appointment. The *Cadre Management System* is developed to promote the cadre integration project, and continuously ensure the training and supply of excellent cadres while making certain the acquisition of resources, ability improvement, and integration into the business of newly recruited cadres. The talent inventory is carried out every year with reference to the *Talent Inventory and Echelon Talent Management System* to help discover and cultivate the reserve talent team. During the reporting period, the Company has identified 629 high potential personnel at the manager level and above through the talent inventory, who have subsequently joined various high potential talent training projects to improve targeted capabilities. Training and empowerment for female employees are provided to encourage them to actively participate in promotions. A job rotation mechanism is put in place to provide employees with job rotation opportunities, help them familiarize themselves with the characteristics of different positions, and enhance their comprehensive business and management abilities. The Company provides employees with different career development paths such as management, sales, technical, functional support, and operations. In 2022, the personnel structure and ratio of grassroots cadres were further optimized through the promotion of the Company's manager level personnel.

Continuing Education Support

To meet the personal growth needs of employees, the Company actively cooperates with well-known universities in China to carry out academic education, encouraging employees to make application and improve their academic qualifications. Academic education covers upgrade from junior college student to university student and undergraduate promotion to master. In 2022, the Company launched cooperation projects with Nanchang University, East China Jiaotong University, East China University of Technology, Jiangxi Normal University, Jiangxi University of Science and Technology, National Development University, etc. This helps more than 200 employees successfully apply for and improve their academic qualifications. The Company provides educational support exceeding RMB 330,000 to employees.

Deepening Cooperation between Universities and the Company

Jinko Solar is committed to exploring new talent cultivation and scientific research models through university-enterprise cooperation, to create a talent ecosystem in the photovoltaic industry. As of the end of 2022, Jinko Solar has established a deep industry education integration mechanism with top 985 domestic universities such as Shanghai Jiao Tong University, Zhejiang University, Sichuan University, Central South University, as well as QS50 international universities such as Australian National University and University of New South Wales. It has established collaboration with multiple national and provincial projects. In the future, Jinko Solar will continue to deepen cooperation with global universities and governments at all levels in the areas of joint talent training, technological innovation, achievement transformation, and joint construction of intelligent manufacturing industry colleges. We will actively implement the "university-enterprise-government" cooperation model and achieve sustainable development through the integration of industry and research.



Diversified Employee Care

Balancing Work and Life

Jinko Solar is committed to creating a healthy, comfortable, and enjoyable work and living environment for employees. We organize diversified employee care activities to enrich employees' leisure life from aspects such as physical and mental health, daily life, and spiritual culture. In terms of cultural activities, the Company organizes employees to participate in cultural activities such as "Knowledge Competition", "Power of Role Models", and "Parent-child Tour". We also encourage employees to participate in clubs such as "dance clubs" and "yoga clubs" to promote work and life balance. In terms of sports activities, the Company enriches the spare time life of its employees by organizing sports interest clubs such as hiking, fun sports events, and basketball. In addition, the Company also presents various celebration activities on Lantern Festival, Dragon Boat Festival, Teachers' Day and other festivals to create a favorable festival atmosphere.



Assisting needy employees

Jinko Solar cares about the living conditions of needy employees and provides assistance. The Company establishes and timely updates the files of needy employees, providing timely assistance to them and their families through emergency assistance, regular assistance, and education assistance. In addition, the Company has opened up a "green channel for poverty alleviation", and established a special love assistance fund "Jinko Solar Sunshine" fund. The *Jinko Solar Sunshine Fund Management Measures* has been prepared to provide timely assistance to employees and their immediate family members in urgent, difficult, dangerous, and serious difficulties.

08

Stick to the Bottom Line for Safe Production

Topics Involved

- Occupational health and safety



Comprehensive Safety Management

Overall policy for production safety management

Jinko Solar strictly adheres to laws and regulations such as the *Production Safety Law of the People's Republic of China* and the *Law of the People's Republic of China on the Prevention and Control of Occupational Diseases*, as well as relevant laws and regulations in overseas operating locations. It has established a comprehensive production safety management system, and formulated policy documents such as the *Management Manual and Safety Risk Guidance Manual* to safeguard the Company's occupational health and safety management. Under the guidance of relevant policies, the Company sets occupational health and production safety related goals every year, and orderly promotes various production safety management tasks guided by the goals.

2022 Occupational Health and Safety Management Objectives and Achievements of Jinko Solar (Partial)

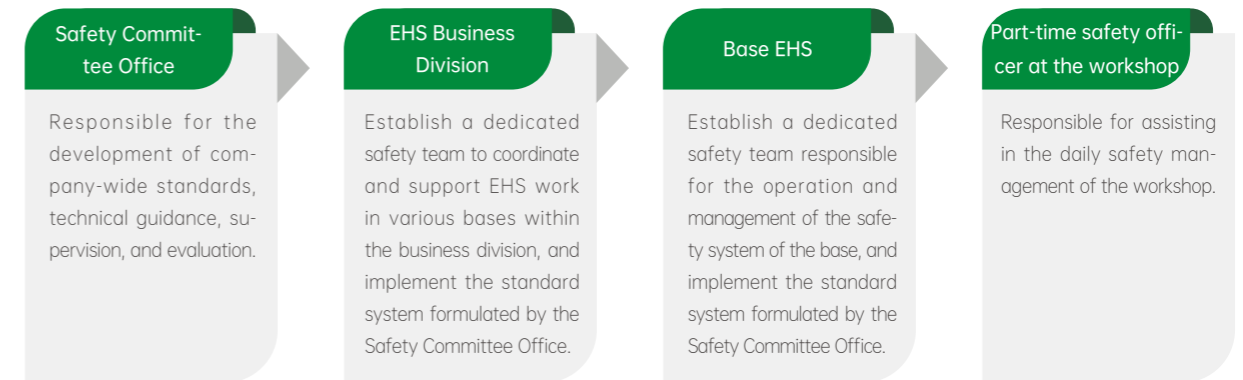
	2022 Goals	Actual Performance in 2022	Achievement Status
Injury rate per million working hours	0.90	0.41	Achieved
Due hazard rectification rate	100%	100%	Achieved
Job transfer rate for occupational contraindications	100%	100%	Achieved
EHS compliance	100%	100%	Achieved

The Company always adheres to the production safety work policy of "safety first, prevention oriented, and comprehensive management". It strengthens the principal responsibility, and formulates the overall goals of annual occupational health and safety management. Guided by the cross policy of "compliance, standards, guidance, supervision, and evaluation", it promotes the implementation of various production safety measures, and ensures the continuous, healthy, and stable production safety work of the Company. In 2022, the Company's total investment in occupational health and production safety was approximately RMB 100.2003 million. The overall production safety situation remained stable throughout the year, and no general or above production safety accidents occurred.

Construction of production safety organization system

In terms of production safety organization construction, the Company has established the EHS Management Committee, with the Chief Operating Officer serving as the chairman of the committee. Safety committees are also set up simultaneously at each base, with the base leader serving as the principal in charge of safety. The Company's EHS architecture is divided into four levels to promote the orderly implementation of production safety.

Jinko Solar EHS Management Architecture



Upgrade of Safety Management Related Systems

Jinko Solar continuously strengthens the sorting and review of production safety regulations and systems based on the actual situation of the Company. In 2022, the Company revised documents such as the *Safety Responsibility Assessment System*, *Jinko Solar EHS Audit Standards*, and *List of EHS Performance Responsibilities at Each Job Level*. It also developed documents such as the *Safety Management System for Relevant Parties*, *Notice on Confirmation and Evaluation Form of EHS Conditions before New Project Production*, and *Company EHS Education and Training Management Regulations* to ensure further improvement of various safety regulations and systems. The Company continuously and effectively promotes various safety management systems. All levels from senior management to grassroots deeply learn various safety systems, creating a satisfactory safety awareness atmosphere.

Certification of Safety Related Management Systems

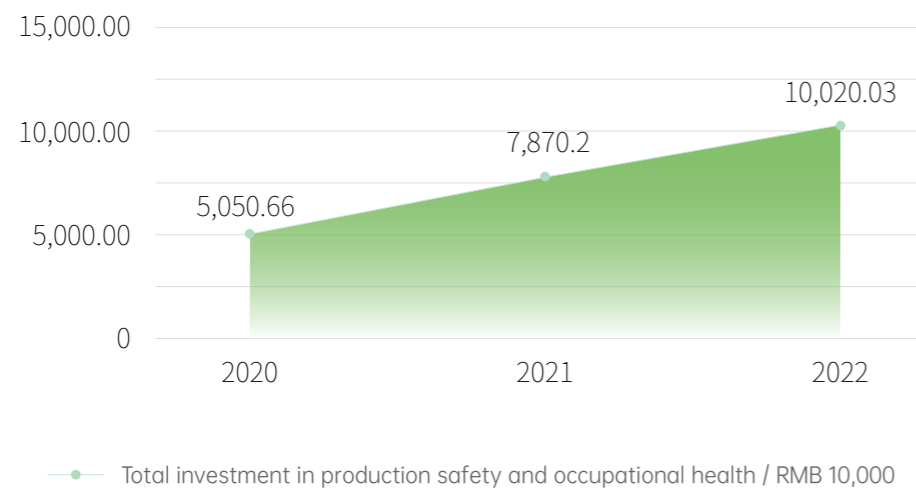
Based on the ISO 45001 occupational health and safety management system, Jinko Solar carries out the construction and upgrading of the occupational health and safety management system. In 2022, the Company's new Chuxiong Base, Hefei Base, etc. passed ISO 45001 certification. In addition, the Shangrao Base, Haining Base, etc., have successfully passed the Grade II production safety standardization review, while the production safety standardization review of some domestic bases is underway orderly.



List of Bases Certified by ISO 45001 (Examples)

Serial Number	Base	ISO 45001
1	Shangrao Base	Pass
2	Haining Base	Pass
3	Yuhuan Base	Pass
4	Yiwu Base	Pass
5	Chuzhou Base	Pass
6	Sichuan Base	Pass
7	Malaysia Base	Pass
8	U.S. Base	Pass
9	Chuxiong Base	Pass
10	Hefei Base	Pass

Production Safety and Occupational Health Investment of Jinko Solar



Occupational Health Care

Occupational Health Management

Jinko Solar attaches great importance to the health and safety of its employees. To enable comprehensive health protection of employees at work, the Company has also formulated 12 systems, including the *Occupational Disease Hazard Prevention and Control Responsibility System*, *Occupational Disease Hazard Warning and Notification System*, in addition to strict compliance with the labor laws and production safety regulations of each operating location. These systems clarify occupational health management objectives, standard procedures, and education and training plans. A safe and healthy work atmosphere is thus formed in all aspects.

Identification of Hazards

The Company identifies hazards based on the evaluation of occupational hazard control effectiveness, establishes a list of occupational hazard risk positions, and entrusts qualified third parties to regularly conduct occupational hazard testing. According to the *Testing Report* issued by the testing agency, the occupational exposure limits for hazards in the Company's workplace comply with the requirements of *Occupational Exposure Limits for Hazardous Agents in the Workplace Part 1: Chemical Hazardous Agents* (GBZ 2.1-2019) and *Occupational Exposure Limits for Hazardous Agents in the Workplace Part 2: Physical Agents* (GBZ 2.2-2007). In addition, the Company promptly informs and publicizes the testing results and protection requirements to all employees, and regularly conducts inspections of the current status of facilities and equipment, so as to ensure effective control of occupational health and safety-related risks.

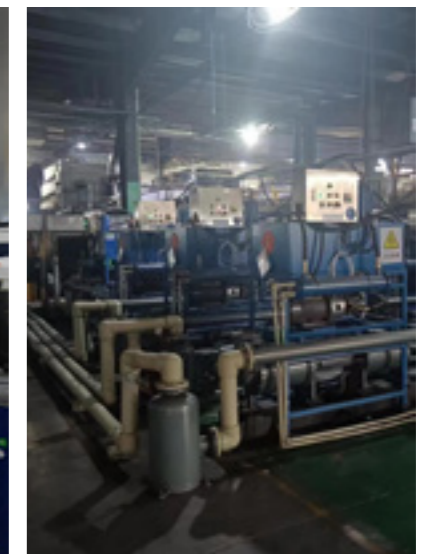
Noise is a common occupational hazard. The Company regularly inspects noise job areas. It reduces workplace noise hazards by reducing noise sources through engineering renovations, introducing advanced environmentally friendly and low noise equipment, decorating the workshop with sound-absorbing materials, using special equipment such as sound barriers to seal off excessive noise sources, wearing noise reduction earplugs, and strengthening plant greening.



Identification of Occupational Hazards



Reduction of Noise in Module Framing Machine



Reduction of Diaphragm Pump Noise in Slicing and Filtering Workshop

Strengthening Labor Protection

On the basis of regular assessment of occupational hazards, the Company timely sets up occupational hazards notification instructions and warning signs near the affected stations. It provides all employees with various types of personal protective equipment (PPE) that meet the requirements of national standards. Workshop employees are distributed with personal protective equipment that meets the local national occupational health and safety protection requirements according to different hazards of their posts, such as safety helmets, noise reduction earplugs, special masks (resistance to organic gas, particle, etc.), safety shoes, acid and alkali resistant gloves, goggles, anti-cutting gloves, etc. In addition, the Company regularly conducts special equipment inspections to promptly identify and address potential equipment hazards.



Wearing Protective Clothing



Wearing Noise Reducing Earplugs



Wearing a Protective Mask

Monitoring Occupational Health

The Company truthfully informs employees of occupational hazards and their consequences, occupational disease prevention measures, and emergency response methods by signing occupational hazard notification letters and posting occupational hazard job notification cards on site. Occupational health is monitored as required to achieve full coverage of pre-job, on-the-job, and off-job physical examinations. The *Occupational Health Examination Result Report* is issued by the occupational health examination institution. In 2022, a total of 82 employees with occupational contraindications were found in each base. The Company strictly follows the requirements of the *Occupational Disease Prevention and Control Law* and transfers all personnel to positions with occupational contraindications. The annual incidence rate of occupational diseases is 0%.

Caring for Physical Health

The Company attaches significant importance to the prevention of repetitive strain injury (RSI), and has developed a special management system for this purpose. Based on the management system, reasonable arrangements are made for work gaps, inter-work exercises, and regular job transfers. Office employees are equipped with ergonomic office equipment. Occupational health examinations are also carried out for all employees to prevent employees from being harmed by RSI. In addition, the Company regularly invites professional occupational disease prevention and treatment medical institutions to carry out free diagnosis, and organizes annual health examinations for in-service employees. This ensures that employees are promptly informed of their own health status.

Jinko Solar Occupational Health Promotion and Free Diagnosis Activities

April 2022 marks the 20th publicity week of the *Law of the People's Republic of China on the Prevention and Control of Occupational Diseases*. To deeply implement relevant laws and regulations on occupational disease prevention and control, and further popularize knowledge on occupational disease prevention and control, Jinko Solar, in conjunction with Shangrao Economic and Technological Development Zone Hospital, carries out occupational health promotion and free diagnosis activities with the theme of "everything for the health of workers". Through specialized training on occupational health and free diagnosis etc., we have effectively popularized knowledge related to occupational health and safety. It is particularly noteworthy that this occupational health promotion and free diagnosis activity has set up a special topic for female employees, thus popularizing women's protection and health and safety knowledge for the female employee system.



Specialized Training on Women's Health

Psychological Health Care

In terms of mental health, the Company also actively explores employee mental health plans in addition to regularly holding employee welfare birthday parties, department team building, and other team health activities, so that employees' family, work, life and other pressures can be alleviated in a timely manner. Take Shangrao Base as an example. The Company's Shangrao Base actively explores the working mode of "three experts and one room" (a legal aid lawyer, a labor relations coordinator, a health engineer, and a psychological counseling room). This provides channels for employee complaints and dispute resolution, and offers more precise services for employees' mental health issues. In 2022, depending on such a mode, Shangrao Base has provided various services more than 80 times, benefiting more than 500 employees.

Safety Cultivation

Safety Hazard Investigation

Jinko Solar has established a long-term mechanism for identifying and managing potential safety hazards in production accidents, to enhance the investigation, supervision, and management of safety hazards in various bases. The Company has established a two-layer prevention mechanism for production safety risk grading control and hazard investigation and treatment. It thus carries out multi-level hazard investigation and treatment, to ensure timely detection and elimination of safety hazards during the production process, as well as the safety and health of employees. According to the principles of local departments, we strictly implement the investigation and management of hidden dangers, and arrange safety management personnel at all levels to conduct safety inspections and spot checks of safety equipment and facilities in various regions on a daily, weekly, monthly, quarterly, and holiday basis. The improvement of hidden dangers is also tracked. For key areas, especially important hazards, key devices, and key parts, special personnel are assigned to be responsible for management, conduct daily safety inspections, confirm operation status and ensure production safety. In 2022, the Company conducted a total of 1,275 special safety inspections, and the rectification rate of due hidden dangers reached 100%.

In addition, the Company actively introduces external expert technical forces to carry out precision diagnosis on various processes. Risk analysis is performed in five dimensions: building fire protection, mechanical protection, chemical / special gas, electrical, and environmental protection. The identified hidden dangers are summarized and classified, and targeted improvement measures are taken for effective rectification.

The Company also applied drones as a safety management tool in 2022. They can perform key safety monitoring and inspections for areas that are difficult for people to reach, key safety areas of the Company, and key construction projects.



Drone Safety Inspection



Special Hazard Inspection



Daily Hazard Inspection

Safety Emergency Management

Jinko Solar focuses on the construction of an emergency management system for production safety in daily operations, which effectively improves its emergency management capabilities.

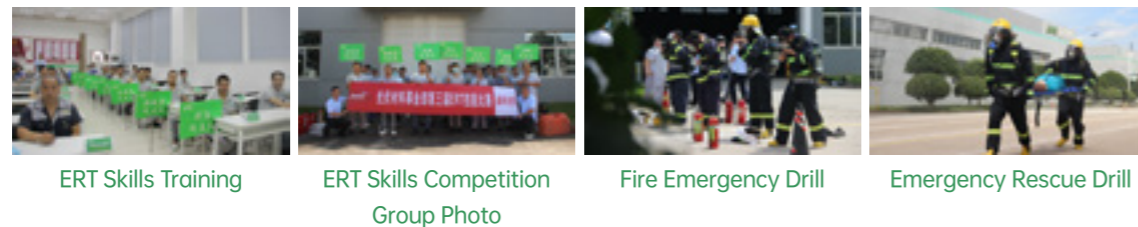
At the level of management system construction, each base has established an emergency management system in accordance with local laws and regulations. An ERC emergency response command center and ERT emergency response team are made available. An internal management evaluation and assessment mechanism is developed to ensure effective and rapid response of the organization.

At the level of institutional construction, in accordance with the requirements of the *Guidelines for Enterprises to Develop Emergency Response for Work Place Accidents (GB/T 29639-2020)*, the company revise the comprehensive emergency plan *Production Safety Accident Emergency Plan of Jinko Solar Co., Ltd.* is revised to clarify the emergency organizational structure and responsibilities, as well as the emergency response process. Safety emergency plans such as *Special Emergency Plan for Fire and Explosion Accidents*, *Special Emergency Plan for Hazardous Chemicals Leakage Accident and Burn Injury*, *Site Disposal Plan for Chemical Burn Injury Accident*, *Site Disposal Plan for Fire Accidents*, and *Site Disposal Plan for Other Production Safety Accidents* are also formulated, and the effectiveness and applicability of the emergency plans are reviewed in due time.

At the practical level, each base files its safety emergency drills with government authorities as required, and regularly carries out emergency drills, including chemical leakage emergency drills, major hazard emergency drills, fire emergency drills, etc. The overall emergency response capability to emergencies is therefore improved. In 2022, the Company conducted a total of 2,166 emergency drills, with a total of 123,914 participant person-times. In addition, to better respond to emergencies and improve emergency response capability, each workshop also promoted the configuration of automated external defibrillator (AED), and employed professionals to carry out training on the use of AED precautions.

ERT Skills Competition of Jinko Solar's Photovoltaic Materials Business Division

In June 2022, in order to improve the ERT emergency response team's ability to wear protective equipment and operate fire-fighting equipment, enhance the division of labor, coordination and cooperation among team members, and enhance the overall emergency response ability of the team, Jinko Solar's Photovoltaic Materials Business Division organized the "ERT Skills Competition", and ultimately, the "Squeezing Representative Team" stood out in the competition and claimed the first prize. Through a series of emergency drills, the ERT emergency response team has further familiarized themselves with the emergency process and improved their ability to respond quickly, handle emergencies, and coordinate operations.



ERT Skills Training ERT Skills Competition Group Photo Fire Emergency Drill Emergency Rescue Drill

Fire Safety Exercise at Jinko Solar's Chuxiong Base

In June 2022, on the occasion of the 21st "Production Safety Month" in China, Jinko Solar Chuxiong Base carried out an emergency fire evacuation drill with the theme of "Focus on Fire, Put Life First" to enhance employees' safety awareness and improve their firefighting skills. This activity included simulated fire drills, personnel evacuation, first aid for injured personnel, and disaster reporting. Detailed explanations were provided on the practical operation of fire extinguishing equipment. It has effectively enhanced the initial fire response and emergency evacuation capabilities of workshop personnel, and boosted the overall emergency response capabilities of the workshop.



Explanation of Fire Extinguisher Operation AED Emergency Drill Firefighting Evacuation Drill Explanation of Wearing Gas Mask in Fire

Safety Publicity and Education

Adhering to the concept of "training first in production safety", Jinko Solar strictly implements safety training and education for all employees, to raise their awareness of production safety through comprehensive safety education. According to the different types of personnel and their needs, we have carried out various forms of targeted training activities, including the training on the *Production Safety Law of the People's Republic of China*, job performance system at all levels, the Company's production safety management system, hazard identification, fire safety specialized training, electrical safety specialized training, chemical standardization management, occupational health education, traffic safety, etc. The main responsible persons, full-time safety management personnel, and special operation personnel of the Company are all trained and certified in accordance with national regulations. New employees also receive 100% pre-job training in accordance with the requirements of national production safety training management regulations. In addition, the Company also carries out the "Production Safety Month" activity, which has effectively enhanced the safety awareness of participants through various forms such as safety knowledge competitions and emergency drills. In 2022, the Company provided a total of 4,959 occupational health and safety related training sessions for employees, with an average training duration of 17.11 hours per person.

Conducting various occupational health and safety related training for employees

4,959 sessions



Training hours per person

17.11 hours



Jinko Solar Held the Theme Event of "Production Safety Month"

June 2022 is the 21st national "Production Safety Month". Jinko Solar, focusing on the theme of "complying with the Production Safety Law and being the person of primary responsibility", launched "Production Safety Month" activities in various plants through multiple measures. Through various forms such as safety knowledge training, safety responsible persons' oath-making, safety knowledge competition, emergency drills, etc., it has effectively improved employees' safety awareness and popularized safety knowledge.



Launch Ceremony of "Production Safety Month" Safety Knowledge Lecture Safety Knowledge Competition



Safety Accident Review Signature of Participants in Safety Activities Safety Promotion Display Board in the Plant Area

09

Partnering for Harmony

Topics Involved

- Sustainable supply chain
- Industrial cooperation development
- Local community relations

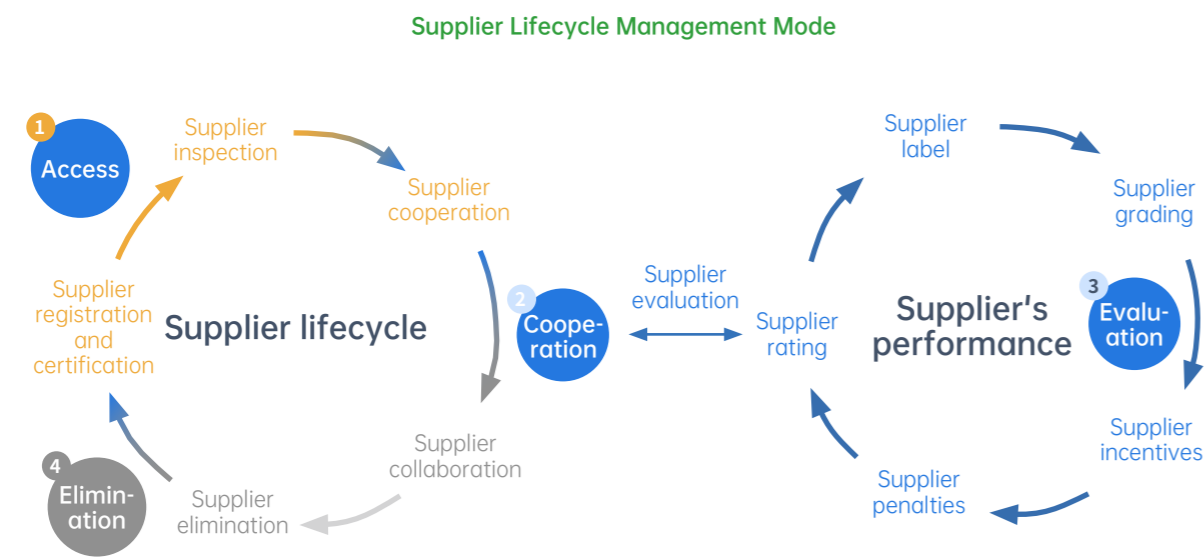


Sustainable Supply Chain

Supply Chain Management System

Supplier Management Mode

Jinko Solar has developed supplier management relevant systems and procedures such as the *Supplier Management Regulations*, *Supplier Development Management Regulations*, and *Sustainable Procurement Policy*. Based on the SRM system, it keeps optimizing supplier lifecycle management to reduce supply chain risks and improve suppliers' supply quality and service level.



Supplier Development and Access

To ensure the supply quality, service level, and development efficiency of suppliers, the Company reviews suppliers in the access stage in accordance with the requirements of the *Supplier Development Management Regulations*. The review mainly covers business qualifications, intellectual property risks, raw materials and production process equipment, product quality and safety, environmental compliance, business ethics, etc. Potential suppliers are required to provide quality management system and environmental management system certification certificates. On-site audits will be carried out if necessary. The quality audit during the Company's warehousing stage covers 100% of core suppliers.

Approved suppliers can only be included in the qualified supplier database after signing documents such as the *Intellectual Property Guarantee Agreement*, *Supply Chain Partner Code of Conduct*, and *Confidentiality Agreement*. Suppliers who fail the audit have a maximum of two opportunities for rectification. After the rectification is completed, a re-audit will be arranged. If they fail both times, they will lose their access opportunities.

Supplier Classification and Grading

The Company classifies and manages suppliers based on their business characteristics, positioning models, cooperation status, and other dimensions. In 2022, the Company had a total of 2,465 suppliers and 2,417 of them had cooperation with us in this year.

Supplier Structure by Region in 2022

Domestic

1,854

Ratio

75.21%



Overseas

611

Ratio

24.79%



In addition, the Company assesses qualified suppliers with cooperation on a monthly, semi-annual, and annual basis, mainly involving product and service quality, delivery ability, technical ability, ESG performance, etc. According to the assessment results, the Company divides suppliers into four levels: A, B, C, and D. Corresponding reward or punishment measures are prepared based on different levels.

Annual Assessment Results of Suppliers and Corresponding Handling Measures

A Deepen cooperation and provide rewards

B Continue to cooperate while providing guidance to improving low score items

C Reduce procurement and demand rectification

D Stop procurement and demand rectification

Supplier Phase-out Mechanism

The Company has established a supplier phase-out mechanism. If suppliers, who continue to experience quality issues, delivery issues, or Level D in performance assessment, still fail to meet the requirements after rectification by relevant departments, or if there are situations where relevant departments unanimously believe they should be eliminated, relevant suppliers will enter the phase-out process. The eliminated supplier shall not cooperate with the us within one year from the date of elimination.

In addition, the Company has established a supplier blacklist management system. Product quality, business ethics, major safety accidents, etc. are important considerations for supplier blacklisting. Suppliers who enter the blacklist shall not cooperate with us for 2 years from the date of being blacklisted.

Responsible Sourcing Management

Supply Chain ESG Management System

Jinko Solar strictly adheres to international initiatives and standards such as the *International Labour Organization Conventions* and *The Ten Principles of the UN Global Compact*. It has constructed a supply chain ESG management system based on the "CARE" framework, to standardize suppliers' ESG behavior, and promote further standardization and systematization of supplier ESG management.

Supply Chain ESG Management System Based on the "CARE" Framework



Supply Chain ESG Management Objectives

The Company upgraded the *Supply Chain Partner Code of Conduct* in 2022. We have set clear requirements for supplier management systems, labor rights and health and safety, environment, and business ethics. To help suppliers improve their ESG capabilities, the Company has also developed Partner COC Guidelines. At present, based on the existing work, the signing and updating of the *Supply Chain Partner Code of Conduct* for direct suppliers of Jinko Solar is being carried out in an orderly manner, with the ultimate goal of full coverage.

Core ESG Topics in the Supply Chain Partner Code of Conduct



Supply Chain ESG Risk Assessment

In order to gain a deeper understanding of the current development status of the Company's supply chain and grasp potential risks in the supply chain, we use the "three-step risk assessment method" to identify the risks of suppliers in the dimensions of labor management, environmental management, occupational health and safety, and business ethics. We also control the main risks in each dimension, thereby comprehensively managing and improving the ESG performance of suppliers.

In 2022, based on the newly published *Supply Chain Partner Code of Conduct*, the Company upgraded the Supplier Self-Assessment Questionnaire (SAQ) and selected top key suppliers who account for more than 90% of the total spending to conduct SAQ. We plan to refer to the results of SAQ and major accident records to determine the level of supplier risk. We further define the list of key suppliers and annual supplier levels based on sourcing expenses, the criticality of sourcing categories, and the business cooperation relationship with Jinko Solar, and identify the improvement items required by the suppliers.

On-site ESG Audits of Suppliers

The Company continuously optimizes the supplier audit process and methods, based on the CARE management framework and the new version of the *Supply Chain Partner Code of Conduct*, to strengthen on-site ESG audits of suppliers. The Company has established a "SEER" (Social, Environmental & Ethical Responsibility) audit system with Jinko Solar characteristics. The system stipulates that social dimension audit performance accounts for 70%, environmental dimension for 20%, and business ethics dimension for 10%.

Based on the overall ESG performance of suppliers, the Company conducts management according to the "traffic light" mechanism (dividing suppliers into three types: "red light, yellow light, and green light"). The yellow light represents the Company's expectations for suppliers to meet the standards, requiring the performance of each dimension not less than 60 points, and a total score ranging from 60 to 80 points. According to different levels, the Company formulates corresponding improvement plans and regularly tracks the progress of improvement. If necessary, suppliers will be supported to achieve effective improvement through methods such as key coaching and re-audits.

In 2022, the Company conducted an internal pilot on-site audit for polysilicon suppliers, covering their performance in six major areas: labor, environment, health and safety, fire protection systems, business ethics, and management systems. The result was a "yellow light". Through on-site audits, the Company further identified potential risks and improvement opportunities for polysilicon suppliers, and collaborated with suppliers to develop improvement plans.

Conflict Mineral Management

Jinko Solar actively takes actions from the moment it realizes the possibility of conflict minerals entering its own supply chain. The Company aims to strengthen the management of conflict minerals with the goal of "zero conflict mineral sourcing and use". Internal training is conducted on conflict mineral identification methods to effectively enhance its ability to control conflict mineral risks.

The Company actively identifies the sourcing process related to conflict minerals, and lists suppliers of materials related to tinned copper strips as key regulatory targets. Relevant suppliers are required to provide a *Conflict Mineral Free Declaration*, undertaking that the tinned copper strips provided to Jinko Solar are not from the Democratic Republic of Congo and surrounding countries and regions, and the source is indicated. In 2022, the Company had a total of 6 suppliers involved in the supply of tinned copper strips, all of which had signed the *Conflict Mineral Free Declaration*.

In addition, the Company has included the requirement of "not using or selling conflict minerals" in the *Supply Chain Partner Code of Conduct*, and requires suppliers to provide due diligence measures and results in accordance with Jinko Solar's stipulations.

The Company's overall risk in conflict minerals is minimal and we will continue to pay attention in the future. If new categories / suppliers appear, we will follow up timely.

Supplier Capacity Building

Jinko Solar establishes corresponding incentive mechanisms to encourage suppliers with excellent ESG performance, including supplier rewards, being listed as preferred suppliers, and priority bidding, in order to influence more suppliers to pay attention to, value, and improve ESG performance. In addition, the Company focuses on supplier empowerment. We build a supplier capability development system from the dimensions of professional training and experience sharing, promoting supplier environmental self-assessment, and supply chain emission reduction action plans, to work and grow together with suppliers.

Professional Training and Experience Sharing

- The Company has established a targeted training mechanism for specific, special and all suppliers, and conducts annual, semi-annual, and quarterly training through on-site, remote, and other means. This ensures that suppliers receive at least 3 hours of training annually.
- The training mainly covers ESG related topics such as labor, environment, health and safety, fire protection systems, and business ethics.

Promoting Suppliers to Conduct Environmental Self-assessment

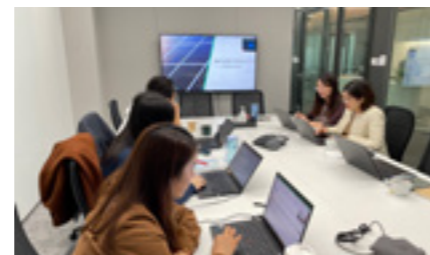
- The Company improves the green supply chain system, promotes suppliers to conduct environmental performance self-assessment, and helps suppliers effectively identify environmental opportunities and risks.
- The self-assessment mainly covers hazardous material management, pollution prevention and control, energy conservation and emission reduction, etc. In 2022, a total of 55 suppliers conducted self-assessment.

Supply Chain Emission Reduction Action Plan

- In 2022, the Company launched the "Supply Chain Carbon Emission Management Empowerment Plan" to empower partners to promote energy conservation and emission reduction.
- This plan allows over 200 suppliers to participate in empowerment learning and 55 suppliers to conduct carbon inventory. This is conducive to promoting green and low-carbon transformation of the supply chain and further reducing the carbon footprint of the industrial chain.

Specialized Training for Suppliers on Jinko Solar's Climate Change Action

Jinko Solar integrates the low-carbon concept of green and environmental protection into the full lifecycle management of suppliers, and encourages suppliers to develop emission reduction paths and plans. In 2022, relying on the SBTi project, Jinko Solar provided knowledge training on carbon emission source identification, GHG data collection methods, LCA, and other aspects to the suppliers included in the carbon inventory. This training covered 55 suppliers. The Company also selected 5 core category suppliers for on-site tutoring to help suppliers complete carbon inventory more efficiently.



Online Specialized Training on Supplier GHG Inventory

While helping supplier partners achieve sustainable development, the Company also organizes specialized training for internal sourcing personnel on supply chain ESG related issues, and incorporates sustainable procurement goals into procurement performance evaluations to improve procurement personnel's understanding of ESG related topics. Using procurement personnel as a bridge, the Company has a positive impact on improving supplier ESG capabilities at a broader level. In 2022, the Company conducted ESG related training for all sourcing personnel.



ESG Specialized Training for Sourcing Personnel

Contribute to a Better Society

Participating in Community Co-construction

In the process of business operations, the Company manages and protects local natural and social resources in a sustainable manner. We utilize business and resource advantages to improve the lives of surrounding community residents, and organize and mobilize diversified volunteer service activities, so as to convey the warmth of Jinko Solar, and promote positive social energy.

The Company regards itself as a member of the community, and integrates itself into the local community. We strictly adhere to the laws and regulations of the country and region where the business is operated, and maintain close communication with community stakeholders. While respecting local cultural customs, we identify and collect urgent issues that need to be addressed in the development of surrounding communities, and take measures or carry out activities to respond to the reasonable demands of community residents.

Overview of Main Community Participation Activities of Jinko Solar (Examples)

Planning public welfare classrooms

Organize public welfare classrooms, regularly invite stakeholders to visit the park and production workshops and carry out communication and exchange activities.

Establishing a community relations manager position

Overseas companies establish a community relationship manager position based on the actual situation of the operating location to coordinate and carry out community development related activities.

Participating in community volunteer actions

Each base actively participates in volunteer activities around the operating site, and irregularly visits communities, nursing homes, fire brigades, etc. for special group care.

Mobilizing employees to carry out volunteer services

Mobilize employees to carry out volunteer services, including environmental garbage collection and public welfare blood donation, and continue to organize activities such as college entrance examination escort and caring traffic police volunteers.



College Entrance Examination Escort

Sichuan Base Promotes Community Co-construction and Sharing

Jinko Solar Sichuan Base continues to support the diversified development of the communities at its operating location. In 2022, it donated and sponsored a total of over RMB 1.47 million to Sichuan Provincial Foundation, local government, provincial sports event teams, local schools, and other institutions.

Donation field	Supporting Construction Projects
Infrastructure improvement and collective industry support	<ul style="list-style-type: none"> Targeted donation of RMB 200,000 is used for solar street lights, LED displays for village affairs publicity, desktop computers, collective industrial development support, or other infrastructure improvement in the subordinate villages of Wutongqiao District. Donated a photovoltaic module worth RMB 261,600, and built a photovoltaic parking shed for Leshan Vocational and Technical College combining photovoltaic power generation technology with application scenarios such as parking sheds.
Assistance to agriculture	<ul style="list-style-type: none"> Supported the initiative of "A Hundred Companies in a Hundred Villages" in Wutongqiao District, and procured to unsold vegetables for local residents.
Sports	<ul style="list-style-type: none"> Sponsored RMB 1 million to support the 14th Sichuan Provincial Sports Meeting, 10th Paralympic Games, and 5th Special Olympics.

Caring for Future Talent

Jinko Solar positively undertakes corporate social responsibility and assists in future talent cultivation. It produces numerous positive impacts to social development through donations of teaching equipment, educational related courses and lectures, and assistance in building schoolhouses. The Company has established the Youth Foundation and has assigned dedicated personnel to manage it. The Foundation is committed to using the power of the enterprise to help more children grow up healthily and provide timely assistance to more people in need of care.

Establishing Qingmiao Primary School to Promote the Development of Local Education

Since 2018, Mr. Li Xiande, Chairman of Jinko Solar, has donated over RMB 20 million to build Hengfeng County Qingmiao Experimental Primary School. The primary school was completed and put into use in the autumn of 2019, with a total construction area of 8,800 square meters. It provides 6-year compulsory primary education for 1,200 students in 24 local classes. In addition, the Company pays continuing attention to the growth of students in Qingmiao Experimental Primary School. The establishment of "Singularity" scholarship helps students achieve personal development based on their own interests and potential.



Qingmiao Primary School Put into Use

This project has promoted the optimization of school network layout in the urban area of Hengfeng County. It solves the problem of difficulty in studying and alleviating the narrow space of urban schools, and allows high-quality education to benefit more students from disadvantaged families. In 2022, according to the statistics of the Grade 6 graduation examination in the county, Qingmiao Primary School achieved 226.99 points in the school's average score, ranking 5th in the county, and 19 students ranked among Top 100 total scores in the county. The quality and number of outstanding students ranked No.1 in the county.



Children Studying Happily on Campus

"Children's Summer Media Practice Camp" Promotes Zero Carbon Environmental Protection Education

The growth of young people has always been a focus of social attention. Based on the photovoltaic industry, Jinko Solar explores and conducts diversified ESG training for young people. It spares no effort to meet their imagination of photovoltaic power generation and build the zero carbon dream among them.

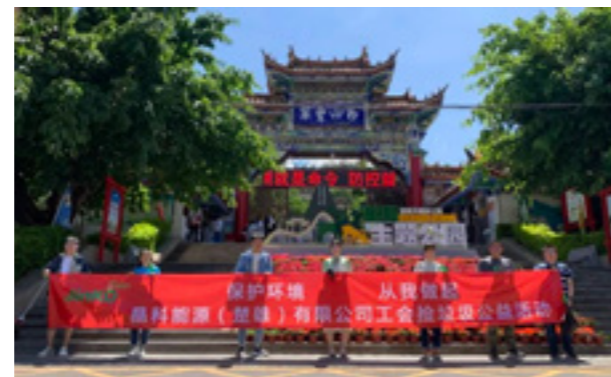


Showcasing Photovoltaic Blueprints to Teenagers

In July 2022, Jinko Solar, as an important stop of the "Green Your Power, Power Your Future" summer media practice camp of Petronas, received outstanding students from international schools. We led them to explore the new energy world, and introduced the future development trends of the photovoltaic industry, showcasing a unique zero carbon world to them.



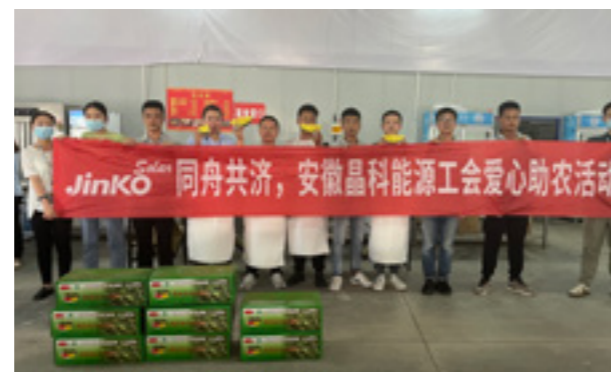
Haining Base's Care Visit to the Elderly Home



Chuxiong Base Environmental Protection Public Welfare



Malaysia Base's Care Visit to the Elderly Home



Hefei Base's Care for Agriculture

Engaging in Photovoltaic Public Welfare

As a leading enterprise in the photovoltaic field, the Company relies on its own business and resource advantages to donate solar photovoltaic panels to multiple regions at home and abroad. We assist in the R&D of photovoltaic new energy, promote the development of the photovoltaic industry, and protect the ecological environment. In addition, the Company is exploring a public welfare model of "photovoltaic + disaster relief", by which we donate photovoltaic modules to disaster stricken areas to help urgently restore power supply and ensure the normal progress of local production, living, and reconstruction in disaster areas.

Jinko Solar Donates Modules to the Philippine Red Cross for Disaster Relief

Typhoon Rai caused serious damage to the local area in the Philippines. In May 2022, the Company, in collaboration with CMA CGM Group, donated photovoltaic modules with a peak power of nearly 500 kWp to the Philippine Red Cross to help Philippine communities affected by natural disasters caused by the typhoon, so that they can restore electricity using renewable energy. This batch of solar systems can generate approximately 754,000 kWh of electricity annually, saving over \$171,912 based on local electricity prices affected by the disaster. The system will continue to generate clean electricity for more than 25 years, which will help reduce local carbon dioxide emissions by over 326,176 kilograms per year, equivalent to the emission reduction of 5,393 tree seedlings growing for 10 years.



Donating Modules to the Philippine Red Cross



Appendices to the Report

Key Performance Table

Environmental Performance

Environmental Management

Indicators	Unit	2020	2021	2022
Total investment in energy conservation and environmental protection ¹	RMB 10,000	16,161.68	37,358.65	69,754.14
Ratio of workplaces conducting environmental risk assessments	%	100	100	100
Number of pollution accidents	/	0	0	0

Note 1: The total investment in energy conservation and environmental protection of the Company in 2022 has undergone significant changes compared to the previous year, mainly due to the continuous increase in the number of enterprise bases, production volume, and shipment volume.

Energy Management

Indicators	Unit	2020	2021	2022
Total electricity consumption for production and operation ¹	Purchased electricity ²	2,650,022.8	3,182,644.3	5,458,249.95
	Photovoltaic electricity			45,401.45
Natural gas consumption	10,000 m ³	302.1	330	421.20

Note 1: The total electricity consumption for production and operation of the Company in 2022 has undergone significant changes compared to the previous year, mainly due to the continuous increase in the number of enterprise bases, production volume, and shipment volume.

Note 2: The purchased electricity in 2022 has been verified by the third-party professional institution.

Water Resources Management

Indicators	Unit	2020	2021	2022
Raw water consumption ¹	10,000 tons	1,118.98	1,713.32	3,447.07

Note 1: The raw water consumption of the Company in 2022 has undergone significant changes compared to the previous year, mainly due to the continuous increase in the number of enterprise bases, production volume, and shipment volume.

Wastewater Management

Indicators	Unit	2020	2021	2022
Wastewater discharge	m ³	/	/	18,779,941.53
Suspended solids	ton	/	/	170.62
Chemical oxygen demand	ton	/	/	1,159.27
Ammonia nitrogen	ton	/	/	69.32
Total nitrogen	ton	/	/	239.62
Total phosphorus	ton	/	/	5.87
Fluorides	ton	/	/	61.24

Exhaust Gas Management

Indicators	Unit	2020	2021	2022
Exhaust emissions	m ³	/	/	23,493,836,105
Particulate matters	ton	/	/	28.84
Nitrogen oxides	ton	/	/	48.03
Sulfur dioxides	ton	/	/	4.42
Volatile organic compounds	ton	/	/	32.45
Fluorides	ton	/	/	7.97

Waste Management

Indicators		Unit	2020	2021	2022	
General solid waste	Total	Production volume	ton	/	/	181,973.82
		Disposal volume	ton	/	/	174,117.33
	Sludge	Production volume	ton	/	/	68,934.23
		Disposal volume	ton	/	/	68,783.83
	Silicon powder	Production volume	ton	/	/	65,560.61
		Disposal volume	ton	/	/	57,958.94
	Domestic garbage	Production volume	ton	/	/	6,780.75
		Disposal volume	ton	/	/	6,757.64
	Others	Production volume	ton	/	/	40,698.23
		Disposal volume	ton	/	/	40,616.92
Hazardous waste	Production volume		ton	/	/	10,975.65
	Disposal volume		ton	/	/	10,899.10
	Safe handling rate		%	100	100	100
Total amount of waste generated		ton	/	/	217,395.46	
Waste recycling and utilization amount		ton	/	/	113,645.63	

GHG Management

Indicators ¹		Unit	2020	2021	2022
Direct (Scope 1) GHG emissions	Total	10,000 tCO ₂ e	2.75	3.85	5.99
	Stationary emission source		2.75	0.81	0.91
	Mobile emission source			0.72	0.87
	Fugitive emission source			2.32	4.21
Energy indirect (Scope 2) GHG emissions		10,000 tCO ₂ e	117.08	194.50	315.73
Other indirect (Scope 3) GHG emissions	Total	10,000 tCO ₂ e	/	1,208.19	1,713.14
	Upstream		/	1,165.19	1,648.68
	Downstream		/	43.00	64.46

Note 1:

1) The GHG emissions from 2021 to 2022 are calculated and reported based on *The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard* published by the World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCSD);

2) The GHG emissions data for Scope 1 and Scope 2 from 2021 to 2022 cover 14 bases and Jinko's HQ Workplace (located at No.1, Lane 1466, Shenchang Road, Minhang District, Shanghai) during the reporting period;

3) 2022 direct (Scope 1) GHG emissions - stationary emission source and energy indirect (Scope 2) GHG emissions data were verified by the third-party professional institution;

4) The calculation of other indirect (Scope 3) GHG emissions from 2021 to 2022 considered the actual situation and industry characteristics of Jinko Solar, and 13 of 15 categories related to Jinko Solar other indirect (Scope 3) GHG emissions are identified. The evaluation is conducted using a combination of data collected from suppliers and internal stakeholders, and estimated industry data. Upstream emissions of other indirect (Scope 3) GHG emissions mainly include purchased goods and services, capital goods, fuel and energy related activities, upstream transportation & distribution, waste generated in operations, business travel, employee commuting, and upstream leased assets. Downstream emissions of other indirect (Scope 3) GHG emissions mainly include downstream transportation & distribution, use of sold products, end-of-life treatment of sold products, downstream leased assets, and investments;

5) The increase in total emissions is mainly affected by the number of bases and workshops, production volume, and shipment volume.

Environmental Education

Indicators	Unit	2020	2021	2022
Total investment in environmental publicity and education	RMB 10,000	/	/	137.76
Environmental publicity and education sessions	/	/	118	199
Total hours of employee participation in environmental training	hour	/	/	875,613
Number of participating person-times in environmental training	/	/	/	59,505
Coverage rate of employee participation in environmental training	%	/	100	100
Environmental training hours per employee	hour	/	/	18.83

Social Performance

Employment Management

Indicators	Unit	2020	2021	2022
Total number of employees ¹	/	24,361	31,017	46,494
Number of male employees	/	17,257	22,111	33,639
Number of female employees	/	7,104	8,906	12,855
Number of employees aged 30 and below	/	/	/	22,893
Number of employees aged 30-50	/	/	/	23,151
Number of employees over 50 years old	/	/	/	450
Number of senior management employees ²	/	/	/	60
Number of middle level employees	/	/	/	1,316
Number of general employees	/	/	/	45,118
Number of domestic employees	/	/	/	38,430
Number of overseas employees	/	/	/	8,064
Number of ethnic minority employees	/	/	/	6,500
Ratio of women in senior management (excluding the Board of Directors)	%	/	/	18.90
Ratio of local people in senior executives	%	/	/	38

Note 1: The number of employees in the Company in 2022 has undergone significant changes compared to the previous year, mainly due to the continuous increase in the number of enterprise bases and production volume, resulting in an increase in the number of recruited employees.

Note 2: The definition of senior management employees is X5 and above, which is different from the definition of senior management in the efficient governance and communication section of the report.

Employee Communication

Indicators	Unit	2020	2021	2022
Coverage rate of trade unions in units within China	%	100	100	100
Coverage rate of employees joining labor unions within China	%	100	100	100

Employees' Rights and Interests

Indicators	Unit	2020	2021	2022
Labor contract signing rate	%	100	100	100
Social security coverage rate	%	100	100	100
Number of social responsibility related incidents arising from reporting	/	0	0	0
Coverage rate of internal regulations prohibiting child labor	%	/	100	100
Coverage rate of internal regulations prohibition of forced labor	%	/	100	100
Ratio of venues conducting CSR reviews or CSR impact assessments	%	/	/	100

Employee Training and Development

Indicators	Unit	2020	2021	2022
Employee training ratio	%	/	/	100
Total hours of employee training	hour	/	/	2,348,951
Total person-times of employee training	/	/	/	158,664
Per capita training hours for employee	hour	/	/	50.52
Total hours of male employee training	hour	/	/	1,456,350
Total hours of female employee training	hour	/	/	892,601
Total person-times of male employee training	/	/	/	98,372
Total person-times of female employee training	/	/	/	60,292

Occupational Health and Safety

Indicators	Unit	2020	2021	2022
Total investment in production safety and occupational health	RMB 10,000	5,050.66	7,870.2	10,020.03
Coverage rate of production safety and occupational health training	%	100	100	100
Training sessions on production safety and occupational health	/	1,232	2,062	4,959
Total hours of production safety and occupational health training	hour	/	/	795,370
Per capita hours of production safety and occupational health training	hour	/	/	17.11
Number of person-times of production safety and occupational health training	/	89,541	96,575	73,532
Number of particularly serious accidents	/	0	0	0
Number of serious accidents	/	0	0	0
Number of major accidents	/	0	0	0
Number of general accidents	/	0	0	0
Number of work-related deaths	/	0	0	0
Ratio of work-related deaths	%	0	0	0
Lost working hours accident rate of direct labor force	/	0.1972	0.2200	0.1877
Lost working hours serious accident rate of direct labor force	/	0.0337	0.0154	0.0069
Total number of special safety inspections conducted	/	/	/	1,275
Due safety hazard rectification rate	%	100	100	100
Safety emergency drill sessions	/	386	1,062	2,166
Number of person-times participating in safety emergency drills	/	/	/	123,914
Number of occupational disease cases	/	0	0	0
Coverage rate of occupational health examination	%	100	100	100
Ratio of workplaces conducting employee health and safety risk assessments	%	100	100	100

Information Security Management

Indicators	Unit	2020	2021	2022
Specialized training sessions on information security	/	/	/	14
Ratio of employees covered by information security training	%	100	100	100
Total hours of information security specialized training	hour	/	/	5,684
Total number of IT employees participating in information security training	/	/	/	406

Sustainable Supply Chain

Indicators	Unit	2020	2021	2022		
Total number of suppliers	/	/	/	2,465		
Number of cooperating suppliers	/	/	/	2,417		
Number of suppliers by region	Domestic	Quantity	/	/	1,854	
		Ratio	%	/	/	75.21
	overseas	quantity	/	/	/	611
		Ratio	%	/	/	24.79
Training sessions related to supplier social responsibility	/	/	/	12		
Ratio of procurement personnel covered by sustainable sourcing training	%	/	/	100		

Product Quality Management

Indicators	Unit	2020	2021	2022
Coverage rate of product safety and quality inspection	%	100	100	100
Number of product quality and safety violations	/	0	0	0

Community Relations

Indicators	Unit	2020	2021	2022
Total amount of external donations	RMB 10,000	1,376.83	363.33	537.23
Ratio of external donations with a revenue of RMB 10,000	%	0.04	0.01	0.01

Corporate Governance Performance

Economic Performance

Indicators	Unit	2020	2021	2022
Operating revenue	RMB 100mn	336.60	405.70	826.76
Net profit attributable to shareholders of listed companies	RMB 100mn	10.42	11.41	29.36
Operating costs	RMB 100mn	286.29	351.35	740.37
Total assets	RMB 100mn	505.35	728.71	1,056.39
Net assets attributable to shareholders of listed companies	RMB 100mn	125.09	135.52	266.90
Operating cash flow	RMB 100mn	25.08	32.28	40.84
Basic earnings per share	RMB / share	0.18	0.14	0.30
Total tax amount	RMB 10,000	53,084.95	35,837.76	151,389.26

Corporate Governance

Indicators ¹	Unit	2020	2021	2022
Number of shareholders' meetings held	/	1	2	6
Number of directors	/	7	7	7
Number of independent directors	/	3	3	3
Number of non-independent directors	/	4	4	4
Number of meetings of the Board of Directors	/	2	13	9
Number of Supervisors	/	3	3	3
Number of female supervisors	/	1	1	1
Number of meetings of the Board of Supervisors	/	1	5	10

Note 1: The Company held the Inaugural Meeting and First Shareholders' Meeting of Jinko Solar Co., Ltd. on December 15, 2020, and elected the members of the first Board of Directors and Board of Supervisors.

ESG Management

Indicators	Unit	2020	2021	2022
Meetings between ESG management team and senior management	/	/	/	8
ESG training sessions for senior management	/	/	/	5

Clean Technology R&D

Indicators	Unit	2020	2021	2022
R&D investment	RMB 100mn	20.49	26.37	56.15
R&D investment as a ratio of revenue	%	6.09	6.5	6.79
Total number of R&D personnel	/	1,078	1,395	1,902
Ratio of R&D personnel	%	4.43	4.5	4.09
Female proportion of R&D personnel	%	/	/	13.56

Intellectual Property Management

Indicators	Unit	2020	2021	2022
Number of patent applications	/	289	325	727
Number of accumulated patent applications	/	1,852	2,062	2,518
Number of patents granted	/	136	234	311
Number of accumulated patents granted	/	998	1,162	1,464

Business Ethics and Compliance

Indicators	Unit	2020	2021	2022
Specialized training sessions on business ethics	/	/	/	9
Ratio of key employees covered by business ethics specific training	%	/	/	30.9
Total number of participants in business ethics specific training	/	/	/	1,160
Ratio of employees covered by business ethics training	%	/	/	100
Number of litigation cases related to business ethics with third parties	/	0	0	0
Number of litigation cases related to unfair competition with third parties	/	0	0	0

Customer Service and Management

Indicators	Unit	2020	2021	2022
Number of customer privacy breach complaints received	/	0	0	0
Customer satisfaction	%	96.1	96.2	96.26
Number of product identification violations	/	0	0	0
Number of product marketing violations	/	0	0	0
Number of on-site project service	/	97	69	168
Actual on-site project service volume	MW	3,132	2,254	9,899

Standard Index

Index Table of SSE Guidelines No. 1 for Application of Self-Regulation Rules for Listed Companies - Standardized Operation

Terms and Disclosure Content	Report Section
8.1 Overview	Annual Special Topic: Embrace a Zero Carbon Future ESG Management Scientific Governance and Stable Operation Low-carbon Development with Green First Intelligent Craftsmanship and Innovative Services Wonderful Workplace with Brilliant Peers Stick to the Bottom Line for Safe Production Partnering for Harmony
8.2 Business Principles	Scientific Governance and Stable Operation
8.3 Social Responsibility Planning and Working Mechanism	ESG Management Low-carbon Development with Green First Intelligent Craftsmanship and Innovative Services Partnering for Harmony - Contribute to a Better Society
8.4 Social Contribution Value per Share	/
8.5 Disclosure of Social Responsibility Reports	Description of the Report
8.6 Scope of Social Responsibility Report	Scientific Governance and Stable Operation - Business Ethics and Compliance Low-carbon Development with Green First Intelligent Craftsmanship and Innovative Services - Improve Product Quality Wonderful Workplace with Brilliant Peers Partnering for Harmony - Contribute to a Better Society
8.7 Employees' Rights and Interests	Scientific Governance and Stable Operation - Efficient Governance and Communication Wonderful Workplace with Brilliant Peers Stick to the Bottom Line for Safe Production - Occupational Health Care
8.8 Environmental Management Policy	ESG Management Annual Special Topic: Embrace a Zero Carbon Future Low-carbon Development with Green First
8.9 Environmental Management Performance	Low-carbon Development with Green First

Terms and Disclosure Content	Report Section
8.10 Environmental Impact	Low-carbon Development with Green First
8.11 Environmental Rectification	Low-carbon Development with Green First
8.12 Key Pollutant Discharge Units' Emissions and Emergency Management	Please refer to Jinko Solar's 2022 Financial Report for details
8.13 Production and Product Safety Assurance	Stick to the Bottom Line for Safe Production
8.14 Employee Employment Management, Occupational Health and Safety, and Employee Training	Wonderful Workplace with Brilliant Peers Stick to the Bottom Line for Safe Production
8.15 Scientific Ethics	Low-carbon Development with Green First - Harmony of Natural Ecology Intelligent Craftsmanship and Innovative Services

Index Table of GRI Sustainability Reporting Standards

Instructions	Jinko Solar Co., Ltd. has reported the information cited in this GRI content index for the period January 1, 2022 to December 31, 2022 with reference to the GRI Standards.	
GRI 1 Used	GRI 1: Foundation 2021	
GRI Standard	Disclosures	Location
GRI 2: General Disclosures 2021	2-1 Organizational details	Company Introduction
	2-2 Entities included in the organization's sustainability reporting	Description of the Report
	2-3 Reporting period, frequency and contact point	Description of the Report
	2-4 Restatements of information	Description of the Report
	2-5 External assurance	Third-party Assurance Report
	2-6 Activities, value chain and other business relationships	Company Introduction
	2-7 Employees	Wonderful Workplace with Brilliant Peers Key Performance Table

GRI Standard	Disclosures	Location
GRI 2: General Disclosures 2021	2-8 Workers who are not employees	Wonderful Workplace with Brilliant Peers Key Performance Table
	2-9 Governance structure and composition	Scientific Governance and Stable Operation ESG Management - ESG Management System
	2-10 Nomination and selection of the highest governance body	Scientific Governance and Stable Operation
	2-11 Chair of the highest governance body	ESG Management - ESG Management System
	2-12 Role of the highest governance body in overseeing the management of impacts	Scientific Governance and Stable Operation ESG Management - ESG Management System
	2-13 Delegation of responsibility for managing impacts	Scientific Governance and Stable Operation ESG Management - ESG Management System
	2-14 Role of the highest governance body in sustainability reporting	ESG Management - ESG Management System
	2-15 Conflicts of interest	Scientific Governance and Stable Operation - Efficient Governance and Communication
	2-16 Communication of critical concerns	ESG Management - Stakeholder Communication
	2-17 Collective knowledge of the highest governance body	ESG Management - ESG Management System
	2-18 Evaluation of the performance of the highest governance body	ESG Management - ESG Management System
	2-19 Remuneration policies	Scientific Governance and Stable Operation - Efficient Governance and Communication
	2-20 Process to determine remuneration	Scientific Governance and Stable Operation - Efficient Governance and Communication
	2-21 Annual total compensation ratio	/
	2-22 Statement on sustainable development strategy	Message from the Chairman
	2-23 Policy commitments	Annual Special Topic: Embrace a Zero Carbon Future
2-24 Embedding policy commitments	Annual Special Topic: Embrace a Zero Carbon Future	

GRI Standard	Disclosures	Location
GRI 2: General Disclosures 2021	2-25 Processes to remediate negative impacts	Scientific Governance and Stable Operation - Business Ethics and Compliance
	2-26 Mechanisms for seeking advice and raising concerns	ESG Management - Stakeholder Communication
	2-27 Compliance with laws and regulations	Scientific Governance and Stable Operation Low-carbon Development with Green First Intelligent Craftsmanship and Innovative Services Wonderful Workplace with Brilliant Peers Stick to the Bottom Line for Safe Production Partnering for Harmony
		Annual Special Topic: Embrace a Zero Carbon Future - Transmitting the Concept of Zero Carbon Development
		ESG Management - Stakeholder Communication
		ESG Management - Stakeholder Communication
	2-28 Membership associations	Annual Special Topic: Embrace a Zero Carbon Future - Transmitting the Concept of Zero Carbon Development
	2-29 Approach to stakeholder engagement	ESG Management - Stakeholder Communication
	2-30 Collective bargaining agreements	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests
	GRI 3: Material Topics 2021	3-1 Process to determine material topics
3-2 List of material topics		ESG Management - Analysis of Material Topics
3-3 Management of material topics		ESG Management - Analysis of Material Topics
GRI 201: Economic Performance 2016	201-1 Direct economic value generated and distributed	Key Performance Table
	201-2 Financial implications and other risks and opportunities due to climate change	Annual Special Topic: Embrace a Zero Carbon Future - Managing Climate Change Risks
	201-3 Defined benefit plan obligations and other retirement plans	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests
	201-4 Financial assistance received from government	/
GRI 202: Market Presence 2016	202-1 Ratios of standard entry level wage by gender compared to local minimum wage	/
	202-2 Proportion of senior management hired from the local community	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests Key Performance Table

GRI Standard	Disclosures	Location
GRI 203: Indirect Economic Impacts 2016	203-1 Infrastructure investments and services supported	Partnering for Harmony - Contribute to a Better Society
	203-2 Significant indirect economic impacts	Annual Special Topic: Embrace a Zero Carbon Future
GRI 204: Procurement Practices 2016	204-1 Proportion of spending on local suppliers	Partnering for Harmony - Sustainable Supply Chain
GRI 205: Anti-corruption 2016	205-1 Operations assessed for risks related to corruption	Scientific Governance and Stable Operation - Business Ethics and Compliance
	205-2 Communication and training about anti-corruption policies and procedures	Scientific Governance and Stable Operation - Business Ethics and Compliance
	205-3 Confirmed incidents of corruption and actions taken	Scientific Governance and Stable Operation - Business Ethics and Compliance
GRI 206: Anti-competitive Behavior 2016	206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Scientific Governance and Stable Operation - Business Ethics and Compliance
GRI 207: Tax 2019	207-1 Approach to tax	Scientific Governance and Stable Operation - Risk Management and Audit
	207-2 Tax governance, control, and risk management	Scientific Governance and Stable Operation - Risk Management and Audit
	207-3 Stakeholder engagement and management of concerns related to tax	Scientific Governance and Stable Operation - Risk Management and Audit
	207-4 Country-by-country reporting	/
GRI 301: Materials 2016	301-1 Materials used by weight or volume	/
	301-2 Recycled input materials used	Intelligent Craftsmanship and Innovative Services - Environmentally Friendly Products
	301-3 Reclaimed products and their packaging materials	Intelligent Craftsmanship and Innovative Services - Environmentally Friendly Products

GRI Standard	Disclosures	Location
GRI 302: Energy 2016	302-1 Energy consumption within the organization	Low-carbon Development with Green First - Energy Conservation and Emission Reduction Management Key Performance Table
	302-2 Energy consumption outside of the organization	Low-carbon Development with Green First - Energy Conservation and Emission Reduction Management Key Performance Table
	302-3 Energy intensity	Key Performance
	302-4 Reduction of energy consumption	Low-carbon Development with Green First - Energy Conservation and Emission Reduction Management
	302-5 Reductions in energy requirements of products and services	Low-carbon Development with Green First - Energy Conservation and Emission Reduction Management
GRI 303: Water and Effluents 2018	303-1 Interactions with water as a shared resource	Low-carbon Development with Green First - Water Resource Management
	303-2 Management of water discharge-related impacts	Low-carbon Development with Green First - Pollutants Prevention and Control
	303-3 Water withdrawal	Low-carbon Development with Green First - Water Resource Management Key Performance Table
	303-4 Water discharge	Low-carbon Development with Green First - Water Resource Management Key Performance Table
	303-5 Water consumption	Low-carbon Development with Green First - Water Resource Management Key Performance Table
GRI 304: Biodiversity 2016	304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Not applicable
	304-2 Significant impacts of activities, products and services on biodiversity	Low-carbon Development with Green First - Harmony of Natural Ecology
	304-3 Habitats protected or restored	/
	304-4 IUCN Red List species and national conservation list species with habitats in areas affected by operations	Not applicable

GRI Standard	Disclosures	Location
GRI 305: Emissions 2016	305-1 Direct (Scope 1) GHG emissions	Annual Special Topic: Embrace a Zero Carbon Future - Setting of Science Based Targets Key Performance Table
	305-2 Energy indirect (Scope 2) GHG emissions	Annual Special Topic: Embrace a Zero Carbon Future - Setting of Science Based Targets Key Performance Table
	305-3 Other indirect (Scope 3) GHG emissions	Annual Special Topic: Embrace a Zero Carbon Future - Setting of Science Based Targets Key Performance Table
	305-4 GHG emissions intensity	Key Performance
	305-5 Reduction of GHG emissions	Low-carbon Development with Green First - Energy Conservation and Emission Reduction Management
	305-6 Emissions of ozone-depleting substances (ODS)	Low-carbon Development with Green First - Pollutants Prevention and Control
	305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	Key Performance Table
GRI 306: Waste 2020	306-1 Waste generation and significant waste-related impacts	Low-carbon Development with Green First - Pollutants Prevention and Control
	306-2 Management of significant waste-related impacts	Low-carbon Development with Green First - Pollutants Prevention and Control
	306-3 Waste generated	Key Performance Table
	306-4 Waste diverted from disposal	Key Performance Table
	306-5 Waste directed to disposal	Key Performance Table

GRI Standard	Disclosures	Location
GRI 308: Supplier Environmental Assessment 2016	308-1 New suppliers that were screened using environmental criteria	Partnering for Harmony - Sustainable Supply Chain
	308-2 Negative environmental impacts in the supply chain and actions taken	Partnering for Harmony - Sustainable Supply Chain
GRI 401: Employment 2016	401-1 New employee hires and employee turnover	Key Performance Table
	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	Wonderful Workplace with Brilliant Peers - Remuneration and Welfare
	401-3 Parental leave	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests
GRI 402: Labor / Management Relations 2016	402-1 Minimum notice periods regarding operational changes	/
GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	Stick to the Bottom Line for Safe Production
	403-2 Hazard identification, risk assessment, and incident investigation	Stick to the Bottom Line for Safe Production
	403-3 Occupational health services	Stick to the Bottom Line for Safe Production
	403-4 Worker participation, consultation, and communication on occupational health and safety	Stick to the Bottom Line for Safe Production
	403-5 Worker training on occupational health and safety	Stick to the Bottom Line for Safe Production - Safety Cultivation
	403-6 Promotion of worker health	Stick to the Bottom Line for Safe Production
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Stick to the Bottom Line for Safe Production
	403-8 Workers covered by an occupational health and safety management system	Stick to the Bottom Line for Safe Production
	403-9 Work-related injuries	Key Performance Table
	403-10 Work-related ill health	Stick to the Bottom Line for Safe Production

GRI Standard	Disclosures	Location
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	Key Performance Table
	404-2 Programs for upgrading employee skills and transition assistance programs	Wonderful Workplace with Brilliant Peers - Employee Training and Development
	404-3 Percentage of employees receiving regular performance and career development reviews	Wonderful Workplace with Brilliant Peers - Remuneration and Welfare
GRI 405: Diversity and Equal Opportunities 2016	405-1 Diversity of governance bodies and employees	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests
	405-2 Ratio of basic salary and remuneration of women to men	/
GRI 406: Non-discrimination 2016	406-1 Incidents of discrimination and corrective actions taken	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests
GRI 407: Freedom of Association and Collective Bargaining 2016	407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests
GRI 408: Child Labor 2016	408-1 Operations and suppliers at significant risk for incidents of child labor	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests Partnering for Harmony - Sustainable Supply Chain
GRI 409: Forced or Compulsory Labor 2016	409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests Partnering for Harmony - Sustainable Supply Chain
GRI 410: Security Practices 2016	410-1 Security personnel trained in human rights policies or procedures	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests
GRI 411: Rights of Indigenous Peoples 2016	411-1 Incidents of violations involving rights of indigenous peoples	Not applicable
GRI 413: Local Communities 2016	413-1 Operations with local community engagement, impact assessments, and development programs	Partnering for Harmony - Contribute to a Better Society
	413-2 Operations with significant actual and potential negative impacts on local communities	Partnering for Harmony - Contribute to a Better Society

GRI Standard	Disclosures	Location
GRI 414: Supplier Social Assessment 2016	414-1 New suppliers that were screened using social criteria	Partnering for Harmony - Sustainable Supply Chain
	414-2 Negative social impacts in the supply chain and actions taken	Partnering for Harmony - Sustainable Supply Chain
GRI 415: Public Policy 2016	415-1 Political contributions	Not applicable
GRI 416: Customer Health and Safety 2016	416-1 Assessment of the health and safety impacts of product and service categories	Intelligent Craftsmanship and Innovative Services - Environmentally Friendly Products and High-quality Customer Service Intelligent Craftsmanship and Innovative Services - Environmentally Friendly Products and High-quality Customer Service
	416-2 Incidents of non-compliance concerning the health and safety impacts of products and services	Intelligent Craftsmanship and Innovative Services - Environmentally Friendly Products and High-quality Customer Service
GRI 417: Marketing and Labeling 2016	417-1 Requirements for product and service information and labeling	Intelligent Craftsmanship and Innovative Services - High-quality Customer Service
	417-2 Incidents of non-compliance concerning product and service information and labeling	Key Performance Table
	417-3 Incidents of non-compliance concerning marketing communications	Key Performance Table
GRI 418: Customer Privacy 2016	418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	Scientific Governance and Stable Operation - Information Security Management Key Performance Table

Index Table of *The Ten Principles of the UN Global Compact*

Principles	Location
Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights.	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests Partnering for Harmony - Sustainable Supply Chain
Principle 2: Businesses should make sure that they are not complicit in human rights abuses.	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests Partnering for Harmony - Sustainable Supply Chain
Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests
Principle 4: Businesses should uphold the elimination of all forms of forced and compulsory labour.	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests
Principle 5: Businesses should uphold the effective abolition of child labour.	Wonderful Workplace with Brilliant Peers - Employees' Rights and Interests
Principle 6: Businesses should uphold the elimination of discrimination in respect of employment and occupation.	Wonderful Workplace with Brilliant Peers
Principle 7: Businesses should support a precautionary approach to environmental challenges.	Annual Special Topic: Embrace a Zero Carbon Future - Managing Climate Change Risks Low-carbon Development with Green First Intelligent Craftsmanship and Innovative Services - Environmentally Friendly Products
Principle 8: Businesses should undertake initiatives to promote greater environmental responsibility.	Annual Special Topic: Embrace a Zero Carbon Future - Managing Climate Change Risks Low-carbon Development with Green First - Harmony of Natural Ecology Intelligent Craftsmanship and Innovative Services - Environmentally Friendly Products
Principle 9: Businesses should encourage the development and diffusion of environmentally friendly technologies.	Annual Special Topic: Embrace a Zero Carbon Future - Providing Zero Carbon Solutions Annual Special Topic: Embrace a Zero Carbon Future - Transmitting the Concept of Zero Carbon Development Intelligent Craftsmanship and Innovative Services - Environmentally Friendly Products
Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.	Scientific Governance and Stable Operation - Business Ethics and Compliance Scientific governance and stable operation - Risk Management and Audit

Third-party Assurance Report



English Translation for Reference Only

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Independent practitioner's assurance report
To the Board of Directors of Jinko Solar Co., Ltd.

We have been engaged to perform a limited assurance engagement on the selected 2022 key data as defined below in the 2022 Environmental, Social and Governance ("ESG") Report of Jinko Solar Co., Ltd. (the "Company").

Selected key data

The selected key data in the Company's 2022 ESG Report that is covered by this report is as follows:

- Direct (Scope 1) GHG emissions – stationary emission source
- Energy indirect (Scope 2) GHG emissions
- Purchased electricity

Our assurance was with respect to the year ended 31 December 2022 information only and we have not performed any procedures with respect to earlier periods or any other elements included in the 2022 ESG Report.

Criteria

The criteria used by the Company to prepare the selected key data in the 2022 ESG report is set out in the definitions of the key data on the Appendix of Basis of Key Data Reporting in the 2022 ESG report (the "basis of reporting").

Management's Responsibilities

Management of the Company is responsible for the preparation of the selected key data in the 2022 ESG report in accordance with the basis of reporting. This responsibility includes designing, implementing and maintaining internal control relevant to the preparation of the selected key data in the 2022 ESG report that is free from material misstatement, whether due to fraud or error.

Our Independence and Quality Control

We have complied with the independence and other ethical requirement of the International Code of Ethics for Professional Accountants (including International Independence Standards) issued by the International Ethics Standards Board for Accountants, which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

Our firm applies International Standard on Quality Management 1, which requires the firm to design, implement and operate a system of quality management including policies or procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Practitioner's Responsibilities

It is our responsibility to express a conclusion on the selected key data in the 2022 ESG report based on our work.



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We conducted our work in accordance with the International Standard on Assurance Engagements 3000 (Revised) "Assurance Engagements Other Than Audits or Reviews of Historical Financial Information", and, in respect of greenhouse gas emissions, International Standard on Assurance Engagement 3410, "Assurance Engagements on Greenhouse Gas Statements". These standards require that we plan and perform our work to form the conclusion.

The procedures performed in a limited assurance engagement vary in nature and timing from, and are less in extent than for a reasonable assurance engagement. Consequently the level of assurance in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed. Accordingly, we do not express a reasonable assurance opinion about whether the Company's 2022 selected key data in the 2022 ESG report has been prepared, in all material respects, in accordance with the basis of reporting. Our work involves assessing the risks of material misstatement of the selected key data in the 2022 ESG report whether due to fraud or error, and responding to the assessed risks. The extent of procedures selected depends on our judgment and assessment of the engagement risk. Within the scope of our work, we have performed the following procedures in the Headquarter of the Company. We have not conducted work on other locations:

- 1) Interviews with relevant departments of the Company involved in providing information for the selected key data within the ESG Report; and
- 2) Analytical procedure;
- 3) Examination, on a test basis, of documentary evidence relating to the selected key data on which we report;
- 4) Recalculation; and
- 5) Other procedures deemed necessary

Inherent Limitation

The absence of a significant body of established practice on which to draw to evaluate and measure non-financial information allows for different, but acceptable, measures and measurement techniques and can affect comparability between entities. In addition, GHG quantification is subject to inherent uncertainty because of incomplete scientific knowledge used to determine emission factors and the values needed to combine emissions of different gases.

Conclusion

Based on the procedures performed and evidence obtained, nothing has come to our attention that causes us to believe that the 2022 selected key data in the 2022 ESG report is not prepared, in all material respects, in accordance with the basis of reporting.

Restriction on Use

Our report has been prepared for and only for the board of directors of the Company and for no other purpose. We do not assume responsibility towards or accept liability to any other person for the content of this report.

PricewaterhouseCoopers Zhong Tian LLP

Shanghai, China

28 April 2023

Basis of Key Data Reporting

Key data	Basis of Key Data Reporting
Direct (Scope 1) GHG emissions - stationary emission source	Direct (Scope 1) GHG emissions - stationary emission source were GHG emissions generated by the use of natural gas in Jinko Solar production bases and Jinko's HQ Workplace (located at No.1, Lane 1466, Shenchang Road, Minhang District, Shanghai) during the reporting period. The calculation method is based on <i>The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard</i> , released by World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCSD). The default emission factors come from <i>2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories</i> . Calorific values come from <i>China Energy Statistical Yearbook 2021</i> . The carbon oxidation rates come from <i>Guidance for Compiling Provincial Greenhouse Gas Emission Lists (Trial)</i> . The global warming potentials come from <i>IPCC Sixth Assessment Report</i> .
Energy indirect (Scope 2) GHG emissions	Energy indirect (Scope 2) GHG emissions were GHG emissions generated by the use of purchased electricity in Jinko Solar production bases and Jinko's HQ Workplace (located at No.1, Lane 1466, Shenchang Road, Minhang District, Shanghai) during the reporting period. The calculation method is based on <i>The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard</i> , released by World Resources Institute (WRI) and World Business Council for Sustainable Development (WBCSD). The emission factor used by the sites located in China is the 2022 average national carbon dioxide emission factor in <i>Notice on the Management of Corporate GHG Emissions Reporting in Power Generation Industry from 2023 to 2025</i> issued by Ministry of Ecology and Environment. The emission factors used by the sites located in Malaysia, Vietnam and United States come from IEA (2022) Emission Factors.
Purchased electricity	Purchased electricity was the electricity purchased by Jinko Solar production bases and Jinko's HQ Workplace (located at No.1, Lane 1466, Shenchang Road, Minhang District, Shanghai) during the reporting period.

Feedback Form

Dear readers,

Hello!

Thank you for reading this report. We sincerely look forward to your evaluation of this report and valuable feedback, so that we can continuously improve our ESG work and enhance our ability and level of fulfilling responsibilities!

Multiple Choice Question: (Please Tick "✓" at the Corresponding Position)

1. You are Jinko Solar's:

Employee Consumer Supplier Supervisory Institution Media Others (please specify)

2. Your overall impression of this report is:

Very good Good General Poor Very poor

3. In your opinion, the quality of the ESG information disclosed in this report is:

Very high High General Poor Very poor

4. In your opinion, the structure of this report is:

Very reasonable Reasonable General Poor Very poor

5. In your opinion, this report's layout design and presentation format is:

Very good Good General Poor Very poor

Open Ended Questions

1. In your opinion, which parts of this report are you most satisfied with?

2. In your opinion, what additional information this report needs to disclose that you would like to further understand?

3. What other suggestions do you have for our ESG work?

If possible, please leave your information:

Name : Contact number :

Our contact information: ESG@jinkosolar.com