

# ESG & Sustainable Supply Chain

Global solar technology and renewable energy leader, setting new standards in the research, development, and manufacturing of cutting-edge photovoltaic panels and advanced energy storage solutions. JinkoSolar is a publicly listed company in the NYSE and STAR stock exchanges.

## Recognition from the Market

### PV ModuleTech Bankability Rating

JinkoSolar has been ranked in the **highest 'AAA'** category in the latest PV ModuleTech Bankability report, underlining the company's industry-leading metrics across manufacturing and financial indicators and leadership in N-type TOPCon technology.

### Bloomberg Energy Finance (BNEF)

JinkoSolar has been recognized as a **Tier 1 PV and Energy Storage** provider by BNEF due to its exceptional products and capabilities in ESS.

## ESG & Climate Reporting

- ✓ JinkoSolar annually publishes its ESG report, based on GRI Standards, IFRS by ISSB, SGDs and UNGC.
- ✓ JinkoSolar has published its First Climate Action White Paper report, aligned with TCFD recommendations and IFRS S2 by ISSB.
- ✓ Review JinkoSolar's externally verified [ESG Report](#) alongside with the [Climate Report](#).

## ESG Industry Leading Results

### S&P Global

Achieve **69/100** in S&P Global ESG Rating



Achieve **73/100** in EcoVadis Sustainability Rating

### CDP

Achieve B Grade in Climate Questionnaire of CDP

### MSCI

Achieve BBB Grade in MSCI ESG Rating

## Industry Associations & Initiatives

JinkoSolar is a member of international solar and energy associations and initiatives, actively participating and engaging in working groups to collaborate with all industry stakeholders to foster a responsible future growth.



## A Long-Term Decarbonization Pathway Aligned with 2015 Paris Agreement

**First Chinese PV company with Net-Zero targets approved by the Science Based Targets Initiative (SBTi)**



**Near-Term** - Reduce absolute Scope 1 and 2 GHG emissions 50.4% by 2032 from a 2022 base year, reduce Scope 3 GHG emission from Category 1 (purchased goods and services) 58.2% per MW of solar related products produced.

**Long-Term** - Reduce absolute Scope 1 and 2 GHG emission 90% by 2050 from a 2022 base year, and reduce Scope 3 GHG emission from Category 1, 4 and 9 by 97% per MW of solar related products produced.

**Net-Zero** - Reach Net-Zero GHG emission across the value chain by 2050.

JinkoSolar has committed to sourcing 100% renewable electricity across its global operations by 2030.

JinkoSolar has committed implement an energy management system across all operations by 2030 and improve energy productivity 30%.

**RE100**  
CLIMATE GROUP

**°CLIMATE GROUP**  
EP100

## Corporate Social Responsibility

JinkoSolar strictly adheres to international initiatives and standards such as the International Labour Organization (ILO) Conventions and the Ten Principles of the United Nations Global Compact. The company joined the United Nations Global Compact in 2021.

### Internal ESG Compliance:

- JinkoSolar regards social responsibility audits as a crucial foundational work, with a long-term focus of a social responsibility system.
- JinkoSolar integrated mainstream standards such as the Code of Conduct for Responsible Business Alliance to iterate and enhance distinctive social responsibility audit system from 130 indicators across 9 dimensions.
- JinkoSolar conducts internal audits across all production bases and invites authoritative third-party institutions for external audits.

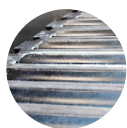
Access JinkoSolar's [Code of Business Conduct and Ethics](#) and [Supply Chain Partner Code of Conduct](#).

Factory ISO Certifications | 9001 | 14001 | 45001 | 50001

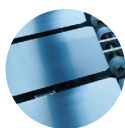


## Vertical Integrated Supply Chain

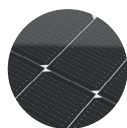
JinkoSolar pioneered the “Vertical Integration” capacity from silicon wafer and cell to module production in the industry. The Company owns globalized manufacturing bases across China, the US, Southeast Asia, and the Middle East.



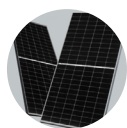
Ingot



Wafer



Cell



Module

First- Class Components

Guaranteed Quality

Optimized Cost Structure

Sustainability Complete System

## Supply Chain Decarbonization: Zero Carbon Factories

**First PV company to have a “Wafer-Cell-Module” fully certified Zero-Carbon Factory production chain.**

JinkoSolar continues to advance energy conservation and emission reduction. The company has established an internal “Zero-Carbon Factory” production chain, linking eight “Zero-Carbon Factories”. These bases cover crystal pulling, slicing, cell production and module assembly.

These factories meet the requirements for “Zero-Carbon Factory” in aspects such as material selection, equipment selection, process selection, energy management, digitalized GHG management, and emission-reduction technology management.

## Integration of Low-Carbon Considerations into R&D and Design

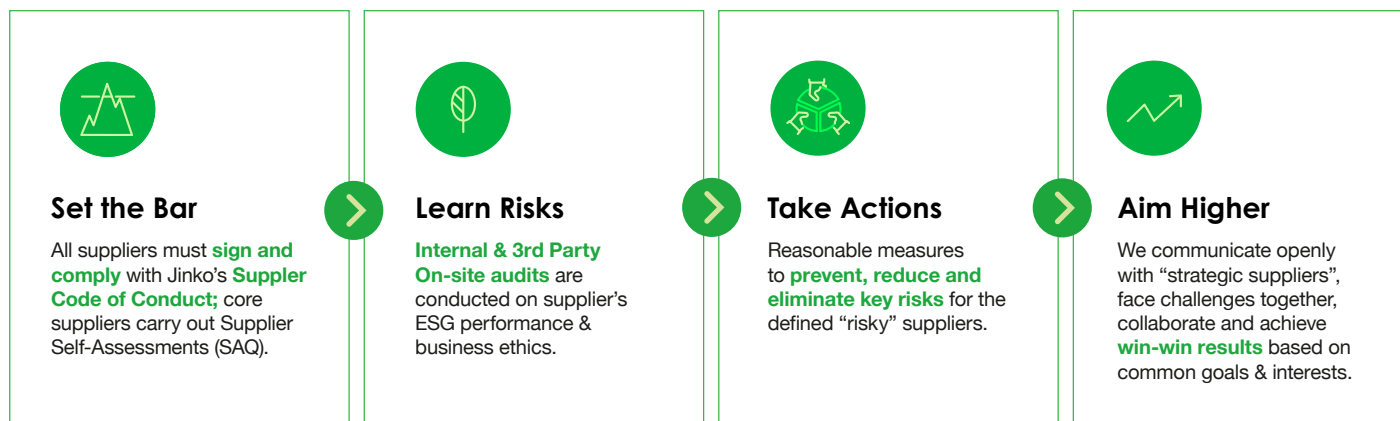
JinkoSolar integrates sustainable development considerations into the entire lifecycle of products and continues to explore effective ways to reduce the environmental impact to ensure ecological advantages.

- **9 products** certified by Italian Environmental Product Declaration (EPD) certification.
- **14 products** certified for carbon footprint by French Product Carbon Footprint certification CRE4 and PPE2 certification (Version 1).
- **8 products** obtained the French Product Carbon Footprint PPE2 certification (Version 2).

These third-party verifications indicate a yearly decrease in the carbon emissions of company products, showcasing significant low-carbon competitive advantage.



## Responsible Procurement: Supply Chain ESG Management



**Supply Chain Due Diligence Policy:** ascertain, monitor and detect any event that may not be compliant with the applicable laws and the Principles. It establishes the process and the procedures to identifying such events and the related remedies or consequences. This Policy underpins the zero-tolerance approach of the Group Companies in relation to forced labor, child labor, harassment and discrimination and to any other form of violation of the human rights.

## Transparent Supply Chain: Where do main components come from?

JinkoSolar has established a vertically integrated product traceability management system from the supply chain to the customer side. With the support of a digital traceability system and product barcode labels, JinkoSolar manages the main data involved in the production of products from core raw material incoming to finished product shipment, to ensure the standardization of product production and traceability throughout the entire lifecycle. The Traceability Program has been externally verified by international 3rd Parties.



**Polysilicon**  
External Supply

Sichuan, Yunnan, Qinghai,  
Inner Mongolia, Jiangsu,  
Gansu



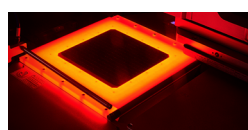
**Ingot**  
In-house Capacity

Qinghai, Shanxi



**Wafer**  
In-house Capacity

Jiangxi, Shanxi



**Cell**  
In-house Capacity

Zhejiang, Jiangxi, Anhui,  
Sichuan, Shanxi



**Module**  
In-house Capacity

Zhejiang, Anhui, Jiangxi  
Shanxi