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Wenshui Production Base

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Sales and R&D Center

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JINNENG CLEAN ENERGY TECHNOLOGY LTD



Committed to become a leading
PV manufacturer
and clean energy provider
in the global market

Milestones



Jinneng Holding

Total Assets

151.8 billion USD

Coal Capacity

390 million tons

Power Installed Capacity in Operation

24.22 GW

Wind and Solar Power Capacity

7.3 GW



Jinneng Holding Group was established on September 30, 2020. Jinneng Holding Group is a comprehensive energy enterprise group mainly engaged in coal, thermal power and clean energy power generation, and integrating equipment manufacturing, logistics trade, chemical diversification and logistics services.

Jinneng Holding Group is a state-owned energy giant formed in 2020, Jinneng Holding Group has a registered capital of 6.93 billion USD and total assets of 151.8 billion USD.



Jinergy

Founded on December 31, 2013, Jinneng Clean Energy Technology Ltd. (Jinergy) is a global leading PV manufacturer and clean energy provider incorporated under Jinneng Holding Group.

Consisting of PV experts from home and abroad, Jinergy’s management and R&D teams follow the core strategy of technology iterations. And through continuous technological innovation and lean production, Jinergy has reached the most advanced and cost-effective cell and module production capacity. With commitment to global coverage, Jinergy extends business in China, India, Japan, Pakistan, Mexico, Argentina, Australia, etc. and supplies customers with high quality and reliable solar modules.

Under technological innovation for industrial progress, Jinergy is bringing advanced PV manufacturing technology to the world and driving global energy structure transformation.



National PV Manufacturing
Standard-Compliant Enterprise



CNAS National Accredited
Laboratory



National Enterprise
Technology Center



Ranked as the Most
Bankable by PV-Tech



National Intellectual Property
Advantage Company



National Green Factory



Intelligent Manufacturing
Demonstration Company

50+

Global Market
Coverage

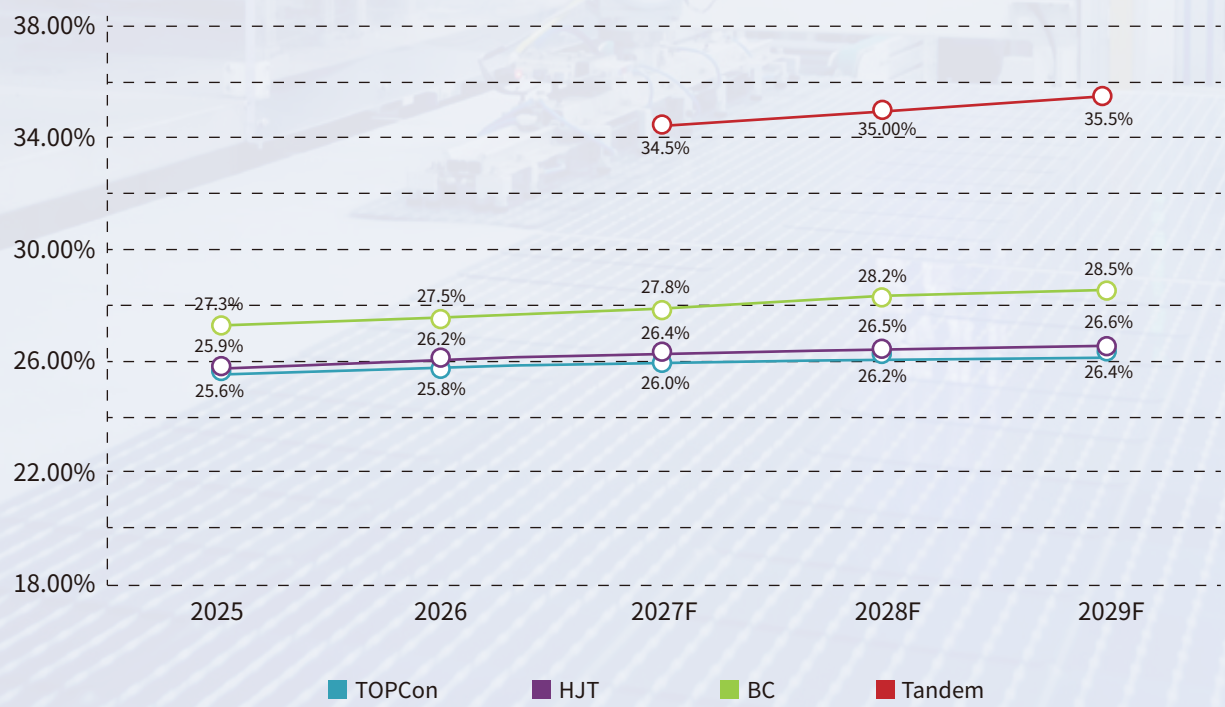


International Core
Management

Technological Route

Jinergy has long adhered to an iterative technology strategy, committed to driving industrial progress through technological innovation. We possess comprehensive R&D and mass production capabilities in both TOPCon and HJT technologies. Currently, Jinergy is developing Perovskite/XBC tandem technologies and rolling out industrial layout for these cutting-edge technologies.

- 383 Patent Application
- 265 Granted Patents



Intelligent Manufacturing

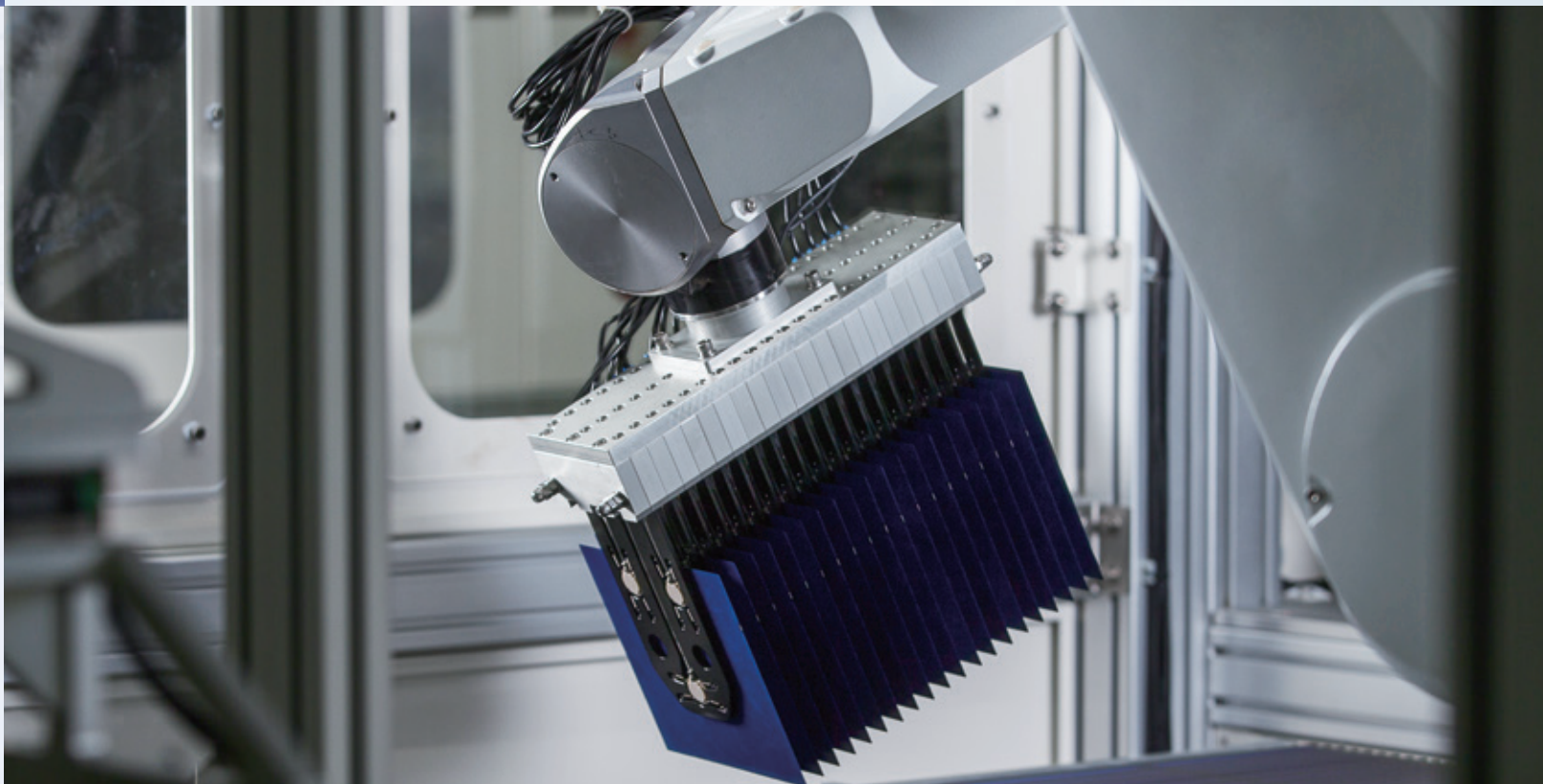
Industrial 4.0 Digital

- Make high efficient production by Digitalization.
- Achieve lean production by Applying Intelligent robots and fully automated equipment.
- Ensure a significant increase in product yield and production efficiency.

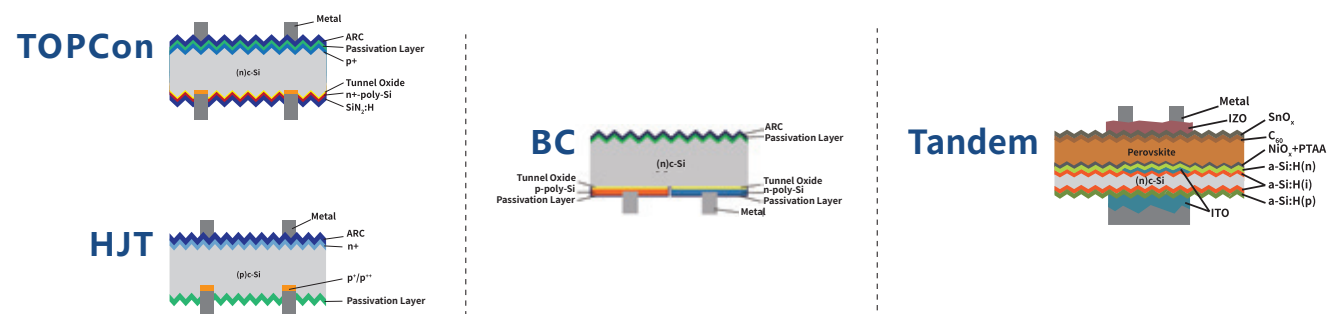
Quality Authentication

Four Guarantee Chains Whole Process Traceability

- Four guarantee chains: supplier management, process monitoring, shipment monitoring, and after-sales service.
- Achieve product lifecycle traceability.

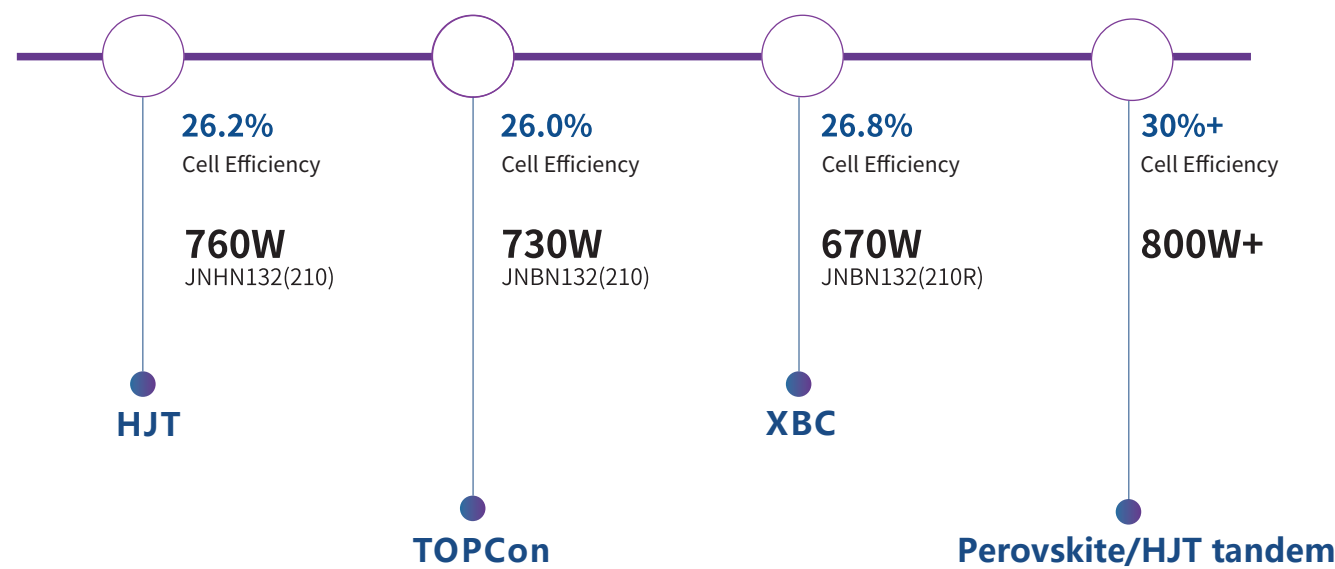


Product Introduction



	Mass Production	Pilot Production	R&D
Efficiency Difference	2.20%	1%	2%
Key Driving Force	Technology Iteration from P-Type to N-Type	Maximum Utilization of Front-side Optical Performance	Maximum Utilization of Solar Spectrum

Adhere to the Iterative Technical Policy



JNMN/BN144
183R



Adopting 182.2mm x 91.875mm cells

- Fully compatible with 182 standard system
- Same size and weight, higher light-sensitive area
- Precisely tailored for distributed rooftop applications

JNBN132
210



Adopting 210mm x 105mm cells

- Sharply enhanced single-module power output
- Cost reduction from large-size scale production
- Standardized, mature supply chain
- Deeply compatible with trackers and high-power inverters

JNMN/BN132
210R



Adopting 182mm x 105mm cells

- High Power, High Efficiency
- High Bifaciality, Low Degradation
- Ideal for Ocean Freight, with Low Shipping Costs
- Offering the Best Value for Money

Product Quality

Management System Certifications

- ISO9001:2015 Quality Management System
- ISO14001:2015 Environmental Management System
- ISO45001:2018 Occupational Health and Safety Management System
- ISO/IEC17025:2017 General Requirement for Testing and Calibrating Capabilities of Laboratory
- SA8000:2014 Social Accountability 8000 International Standard

Product Certifications

Product certification: TUV, PVEL, BIS, KS, CE, Carbon footprint
Listed by: CEC(AU), INMETRO, JPAC, DEWA, SII, WEEE
Passed the strict reliability test, Including salt-mist spray, ammonia, dust-and-sand, PID and LeTID



National Accredited Laboratory

Performance and Environmental
Reliability Tests



System Certification



Product Certification



Product Listed



40+
Tests Available
Over 40 testing items

30+
High-end Equipments Available
Over 30 high-end equipments

Social Responsibility

"Green and low-carbon" has emerged as the primary focus of industrial advancement and growth. By incorporating technology innovation, low-carbon construction, and green production into its business practices, Jinery has effectively integrated ESG principles into its development strategy. With a commitment to sustainable development through the principles of innovation, environmental consciousness, excellence, and efficiency, Jinery aims to generate greater value in the field of photovoltaic energy as a clean source of energy. This will not only assist customers in achieving a more comprehensive approach to green and low-carbon energy usage, but also fulfill its social responsibility and contribute to the energy transformation.

Major Environmental Violations

0 times

The Number of Employees

2000+

Enrich Training Courses Annual Training

1500 hours

Saving and Recycling



Control Recycling of Waste Treatment & Packaging Materials



Low-carbon Developed Concept



ACHIEVE CARBON PEAKING
AND NEUTRALITY GOALS

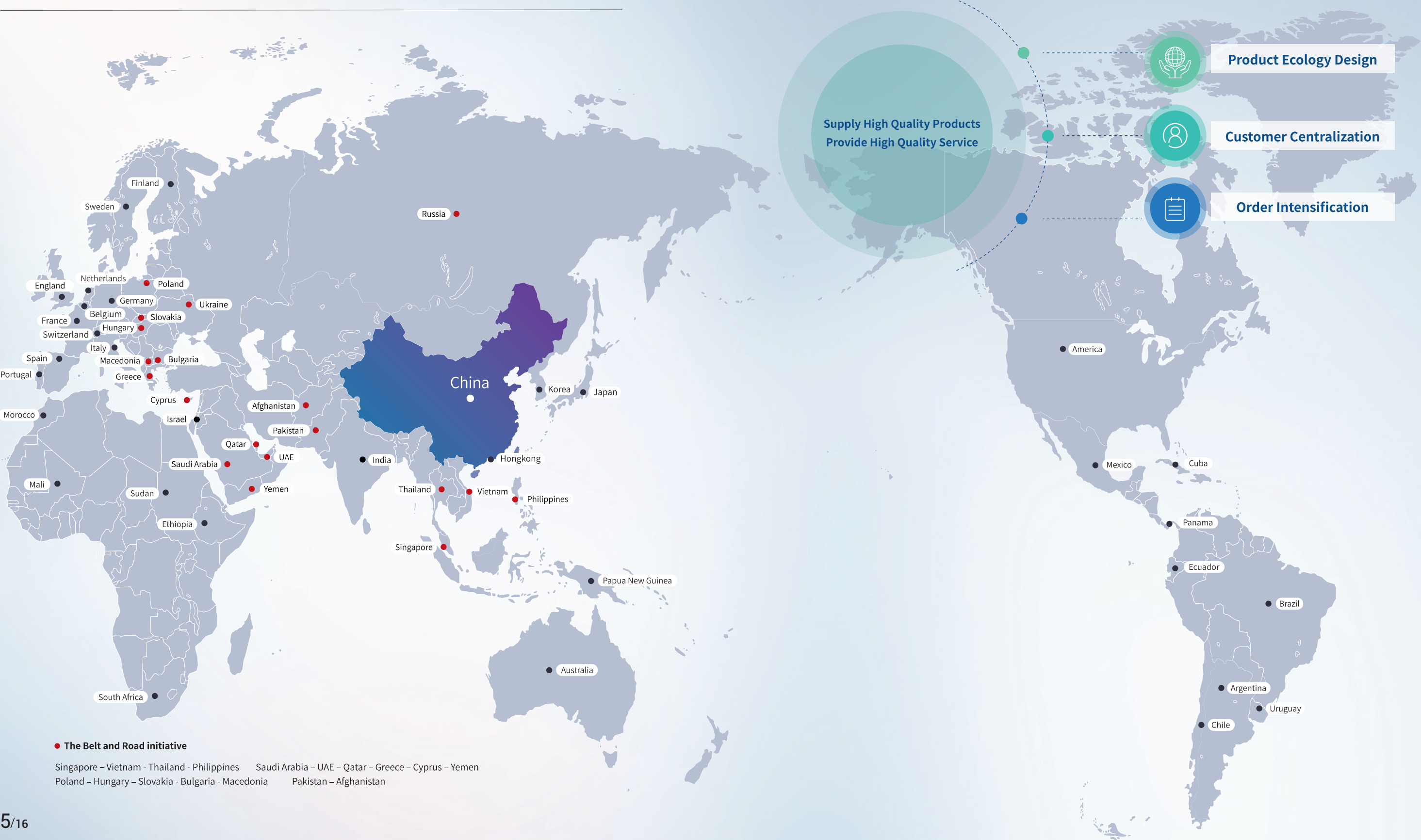


Social Accountability 8000
International Standard



Eco-contributo RAEE assolto
ove dovuto

Global Sales Network



Project Case

○ Large Solar Power Station

- ❶ 175MW solar project in Tianzhen, Shanxi, China
- ❷ 100MW Fishery-solar Hybrid project in Tianchang, Anhui, China
- ❸ 110MW Fishery-solar Hybrid project in Chongming, Shanghai City, China



- ❹ 110MW solar project in Macheng, Hubei, China
- ❺ 100MW solar project in Shanyin, Shanxi, China
- ❻ 435MW solar project in Jodhpur, India
- ❼ 110MW solar project in Chunshou, Vietnam
- ❽ 136MW solar project in Rajasthan, India

○ Distributed Solar Power Station

- ① Energy Storage Distributed solar project in Okinawa, Japan
- ② Commercial Rooftop Distributed solar project in Korea
- ③ Distributed solar project in Xinzhou, Shanxi, China
- ④ Commercial Rooftop Distributed solar project in Wenshui, Shanxi, China



- ⑤ Distributed solar project in Australia
- ⑥ Distributed solar project in Cyprus
- ⑦ Distributed solar project in Fangshan, Shanxi, China
- ⑧ Distributed solar project f in Tianzhen, Shanxi, China
- ⑨ JTC Solar Farm Distributed solar project in Singapore

