

TONGWEI FOR BETTER LIFE

01 Part

ABOUT TONGWEI



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Tongwei Co. Ltd., controlled by Tongwei Group, is a large-scale private technology-based listed company featuring the high-efficient and coordinated development of the dual main businesses of green agriculture and new energy. After years of leaping development, Tongwei has become a national critical leading enterprise in agricultural industrialization, a world-leading aquatic feed manufacturer, an important livestock and poultry feed manufacturer, a global polysilicon leader, and a global solar cell leader.



Over 200 branches
and subsidiaries
worldwide



Feed production
capacity of 13,000,000
tons per year



Current annual production
capacity of high-purity
crystalline silicon is around
900,000 tons



N-Type solar cell annual
production capacity
exceeds 150GW

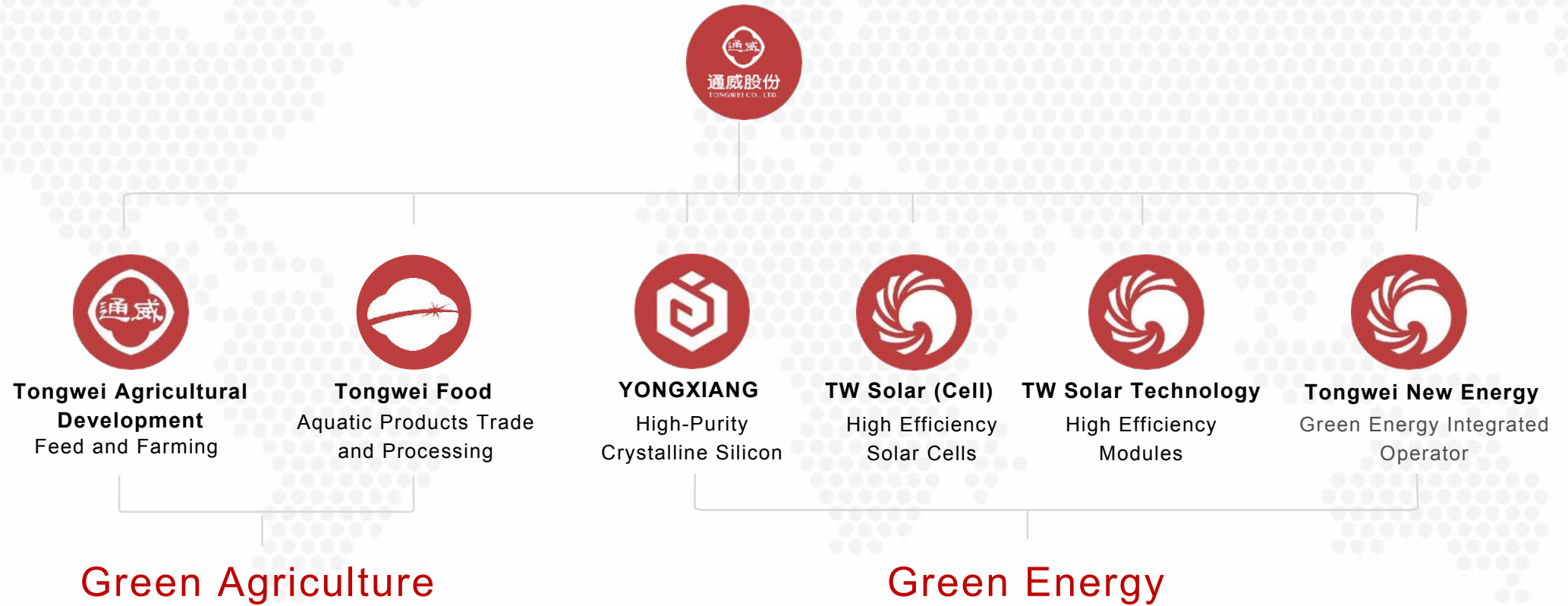


Current module annual
production capacity is
around 90GW



Cumulative installed and grid-
connected scale of photovoltaic power
stations mainly based on "Fishery +
PV Integration" is 5.1 GW.

Tongwei Family



Data of Tongwei

13 Million
tons

Feed Production Capacity

900 Thousands
tons

Annual Production Capacity
of Polysilicon

150GW

The World's Top N-Type Solar Cell
Manufacturer (Annual Production)

90 GW

Production Capacity of Module

5.1 GW

Cumulative installed and grid-
connected scale of photovoltaic
power stations mainly based on
"Fishery + PV Integration"

30 %

National Market Share of
High-Purity Polysilicon

02 Part

MAIN BUSINESS



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MAIN BUSINESS - GREEN AGRICULTURE

Since its establishment in 1982, Tongwei has always adhered to the deep cultivation of aquacultural products and deeply participated in and witnessed the development and growth of China's aquaculture and feed industries.

Tongwei takes the feed industry as the core and develops all links, including seedling breeding, feed development, and production, animal health, fishery facilities, aquaculture, testing, and processing together, and has established a safe and traceable modern aquacultural product, livestock and poultry industry chain.

Tongwei strives to build a well-known brand of fresh and live fish--"Tongwei Fish", and has realized the whole process of quality monitoring and traceability from source to table.

Tongwei is committed to building a world-class supplier of safe food and continuously improving its quality.



GREEN AGRICULTURE INDUSTRY CHAIN

Feed R&D and Production

Make a Good Feed



Seed Breeding
Promoting the Breeding
of Improved Seeds

Animal Health

Green and Pollution-free



Fisheries Facilities
Environment-friendly,
Ecological, and Low-carbon

Aquaculture

Focus on Industrialized Shrimp Culture



Trade and Processing of Aquacultural Products,
Livestock and Poultry
First "Fish with Brand" in China



STABLE RAW MATERIALS CONSISTENT QUALITY



Automated
Production



Digital
Business



Standardized
Operation

For many years, Tongwei has always adhered to sustainable development driven by science and technology with continuous efforts on improving the nutrition ratio and the scientific and technological content of the feed. In recent years, Tongwei Agricultural Development has been striving to create core competitiveness with the best product quality, the lowest cost, and the best efficiency through standardization, to realize standardized operations of production automation, business digitization, and standardization of operations, and finally realize the scale advantage of full production and full sales, thereby helping users to maximize breeding benefits, and leading the feed industry from "quality production" to the new ecology of "intelligent production".

Up to now, the annual feed production capacity of Tongwei Agricultural Development is around 13 million tons, and it is a leading aquacultural feed manufacturer and a critical livestock feed manufacturer in the world. Tongwei Agricultural Development has focused on feed production and aquacultural product breeding. At the same time, it has involved many fields such as aquacultural product seedling and breeding, raising services, animal health, agricultural testing, fishery facilities and equipment, and financing guarantees.

Eighteen major R&D
and test bases



R&D expenses exceed 100
million yuan per year



Sixteen national and provincial
technology innovation
platforms



Won the "National Second Prize for
Scientific and Technological
Progress" five times

INTENSIVE BREEDING

ENVIRONMENT-FRIENDLY

Tongwei has been committed to applying and promoting environment-friendly aquaculture models, actively exploring and studying the industry's development and change trends, and providing comprehensive large-scale, intensive, standardized, and ecological aquaculture solutions for the transformation and upgrading of modern fisheries.



Tongwei
Factory Farming



Tongwei
Fishery & PV Integration



HEALTHY FOOD

Tongwei Foods is a key brand developed by Tongwei Co., Ltd., with the strategic goal of becoming a world-class supplier of safe food. The company focuses on the research, production, and sales of high-quality aquatic and livestock products.

WHOLE-PROCESS

Tongwei Foods owns several well-known consumer brands, including “Tongwei Fish,” “Tongwei Shrimp,” “Tongwei Snakehead,” “Tongwei Hainan Tilapia,” “Tongwei Premium Channel Catfish,” “Chunyuan,” and “Xintaifeng.” To ensure the health and safety of every product, Tongwei Foods has spent years fully integrating industry resources, achieving complete quality control and traceability across the entire supply chain—from farming and processing to sales.

MONITORING



Hearty Cultivation



Safe Detection



National Patent



Quality Assurance



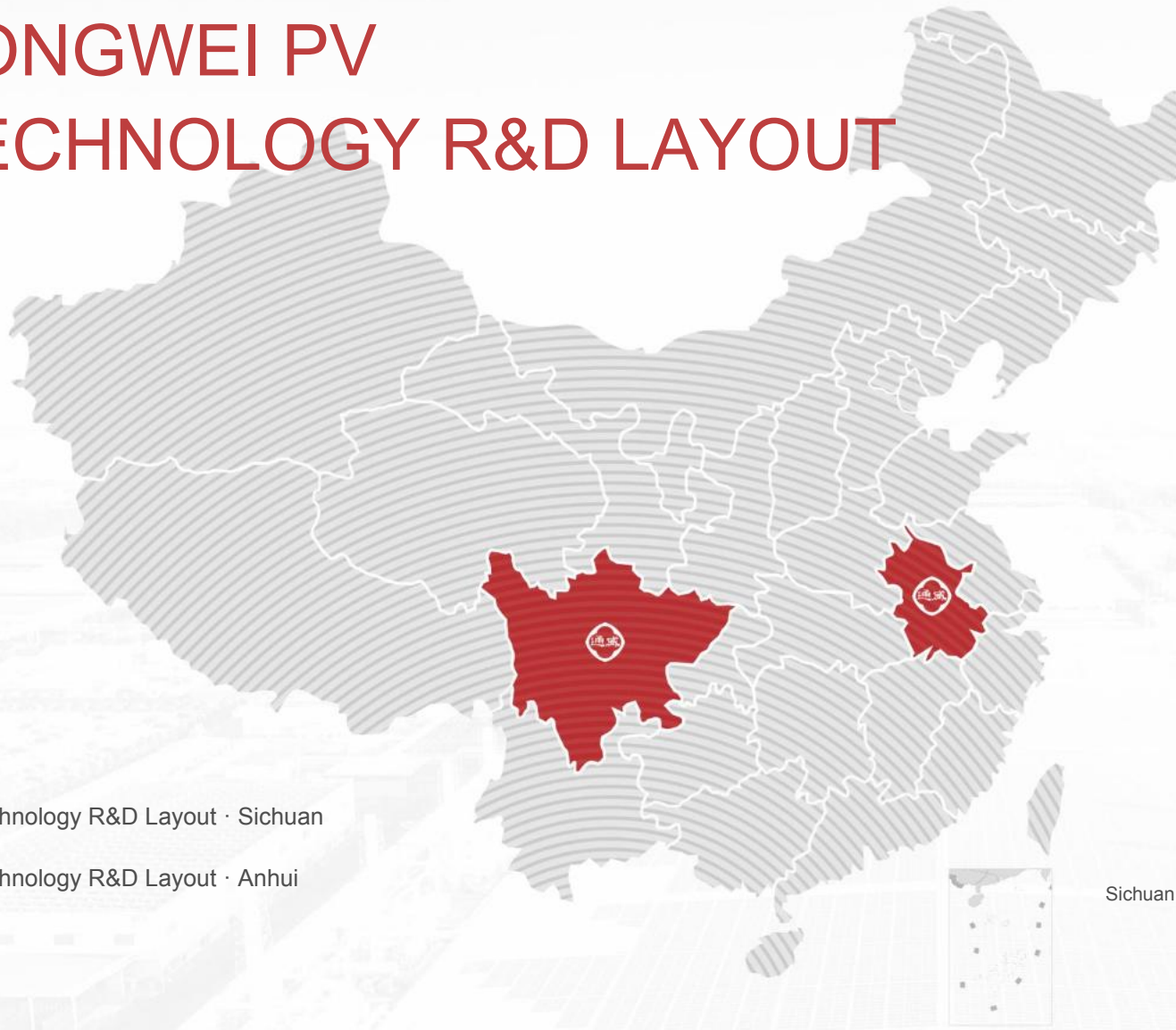
Full Traceability

MAIN BUSINESS - GREEN ENERGY

Since the entry into photovoltaic new energy industry in 2006 and after 10 years' rapid development, Tongwei has become a global leading integrated PV enterprise, establishing a full-industry-chain layout from upstream industrial silicon to downstream PV power stations. With significant competitive advantages in production scale, technological R&D, quality and brand, Tongwei has maintained the No.1 market share globally in high-purity crystalline silicon and solar cell businesses for several consecutive years. In 2025, Tongwei ranked TOP1 in the comprehensive ranking of the Terawatt PV 100 list. The company is committed to its long-term strategic goal of "building a world-class clean energy operator", focusing on core technological innovation and cost reduction with efficiency improvement, fully expanding markets, and strengthening cooperation with upstream and downstream customers. As a result, Tongwei's overall competitiveness continues to increase and its market position continues to be strengthened.



TONGWEI PV TECHNOLOGY R&D LAYOUT



PV Technology R&D Layout · Sichuan

PV Technology R&D Layout · Anhui

PV Technology R&D Layout: Sichuan

● Shuangliu, Chengdu : **Global Innovation R&D Center**
● Leshan

- | | | |
|---|----------------------------|---------------------------------------|
| TNC R&D line | Module R&D Center | Yongxiang Silicon Material R&D Center |
| TBC Pilot test line | Cutting R&D line | G12 Crystal growth R&D |
| HJT/THL Pilot test line | Material P&C Lab | |
| Perovskite /Crystalline Silicon Laminated Lab | Cell testing Lab | |
| | PV testing center (Module) | |

PV Technology R&D Layout: Anhui

● Hefei, Anhui
 Module R&D center

Qualifications of PV technology R&D platforms

- | | | |
|---|--|--|
| State-certificated Enterprise Technology Center | Sichuan Crystalline Silicon Industry Innovation Center | Sichuan Industrial Technology Innovation Center |
| Sichuan Key Mid-scale Testing Platform for Manufacturing | | |
| Hefei Photovoltaic Experimental Center (CNAS Certification) | | Chengdu Photovoltaic Testing Center (CNAS Certification) |

Photovoltaic Technology R&D Intellectual Property Rights

- | | |
|--|--|
| 3,863 patents granted (as of 2026 Apr) | National Intellectual Property Advantageous Enterprise |
| Sichuan Pilot Enterprise for Trade Secret Protection | First Prize of the Sichuan Patent Award |

TONGWEI GREEN NEW ENERGY INDUSTRY CHAIN



Upstream - Polysilicon Production

Yongxiang -- Circular economy industry chain; Ranking first in polysilicon shipments worldwide.



Midstream - High-efficiency solar cell and module production

TW Solar -- Ranking first in high-efficiency solar cells production capacity and shipment worldwide;
TW Solar Technology -- Module products that comprehensively meet diverse needs in the market
have been exported to over 80 countries and regions overseas.



Downstream - Photovoltaic power station construction and operation

Tongwei New Energy -- The world's first innovative development model of "Fishery PV Integration" to achieve triple win of "fishing, electricity, and environmental protection."

POLYSILICON WINS THE WORLD

Yongxiang, a subsidiary of Tongwei, has seized the industrial development opportunities brought by the global energy transition and the national double-carbon target. It has continued to grow in the high-purity crystalline silicon field with its production capacity scale, technical advantages, and cost indicators, all at the top level in the industry. Now, with an annual production capacity of around 900,000 tons, Yongxiang is the world's No.1 producer and seller of polysilicon, further consolidating its leading global position in polysilicon.



YONGXIANG HAS FOUR MAJOR PRODUCTION BASES

With the continuous expansion of the scale, the Yongxiang aggregation effect has become prominent, forming a good development trend of "attracting investment by business", attracting listed companies with a market value of nearly one trillion yuan in the upstream and downstream sectors of polysilicon, pull rods, slices, cells, and other segments of industry chain to gather in Leshan's "China Green Silicon Valley" to build an advantageous photovoltaic industry cluster with polysilicon as the core.



Leshan Base · Sichuan



Baoshan Base · Yunnan



Guangyuan Base · Sichuan



Baotou Base · Inner Mongolia



POLYSILICON PRODUCT CORE ADVANTAGES



The 8th Gen "Yongxiang Method"

Combining mature domestic processes to develop and improve new polysilicon processes, successfully developed



1000+

Possessing independent intellectual property rights and patented achievements



More than 90% of N-type monocrystals

reach the level of electronic grade



99.999999999%

The purity of key impurity elements of the product reaches meeting the requirements for using P-type monocrystalline silicon, N-type Mono wafer and semiconductor,



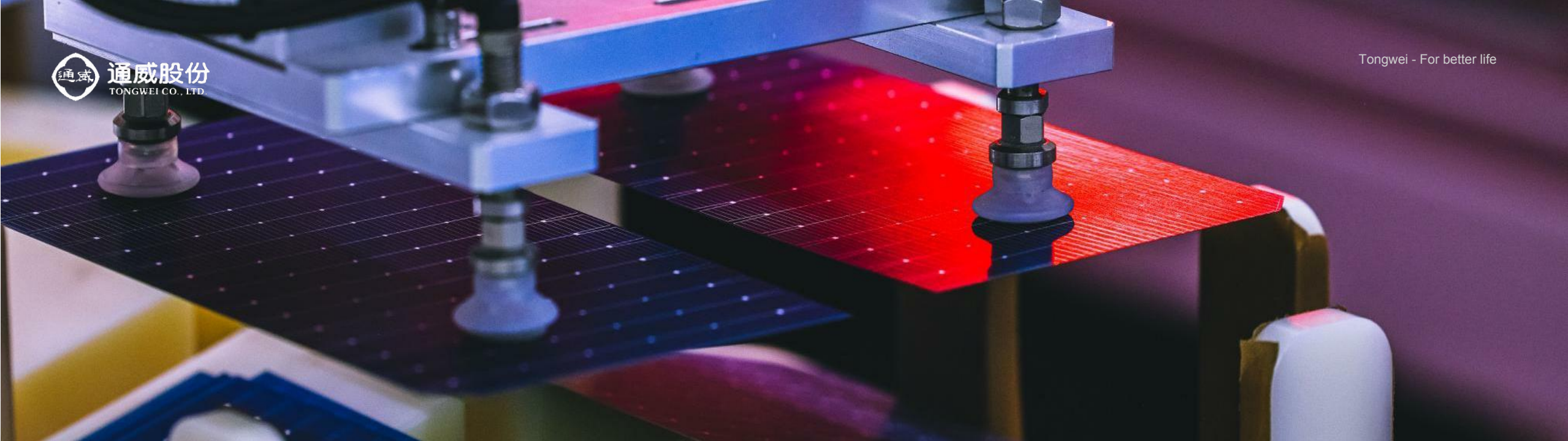
Industry Leader in
Quality



Industry Leader
in Production Cost



Industry Leader
in Comprehensive Indicators



INTELLIGENT MANUFACTURING

RISE IN BENCHMARK

In the middle stream of the new energy industry chain, TW Solar is dedicated to R&D, production, and promotion of solar energy products. Since 2017, the company has ranked No. 1 globally in cell shipments for nine consecutive years (per PV InfoLink, an authoritative analysis agency in the photovoltaic industry), becoming the first in the industry to surpass 400GW in cumulative shipments. With bases located in Chengdu, Meishan, Jintang (the world's first 5G smart zone in the photovoltaic industry), Tonghe Project, Pengshan as well as Zhongwei Company. In September 2025, TW Solar Meishan Company was recognized as the world's first "Lighthouse Factory" in PV cell industry.



150 GW

Current Production Capacity of Solar Cells

TW Solar



The world's leading high-
efficiency crystalline silicon
solar cell company



Solar cell shipments ranked 1st
in the world for nine consecutive
years



SMART MODULE BY TONGWEI

Tongwei Co., Ltd. started the module business in 2013. In 2016, it established a high-efficiency module R&D team and gradually started the path of module process research and development. After more than ten years of heavy investment and continuous efforts on research and development, Tongwei has now formed a product matrix that comprehensively covering the wide range of market needs, which are widely used for household rooftops, industrial and commercial purposes and various “PV +” scenarios such as centralized large-scale power stations to meet the growing demand for clean energy from global customers. Depending on years of accumulation in technology and market, together with the synergistic advantages of upstream high-purity crystalline silicon and solar cells, Tongwei accelerated its module business layout in the second half of 2022 and has established a competitive and large-scale module business system, serving customers from major central and state-owned power generation companies in China and over 70 overseas countries and regions.

TONGWEI HIGH-EFFICIENCY MODULES

Tongwei ranked TOP1 in the comprehensive ranking of the Terawatt PV 100 list in 2025. It currently operates production bases in Hefei, Yancheng (the world's largest single-site facility in the PV module industry, with the highest level of automation, digitalization and intelligence), Jintang and Nantong, with a total module production capacity of approximately 90 GW.

TOP 1

Comprehensive ranking of the Terawatt PV 100 list



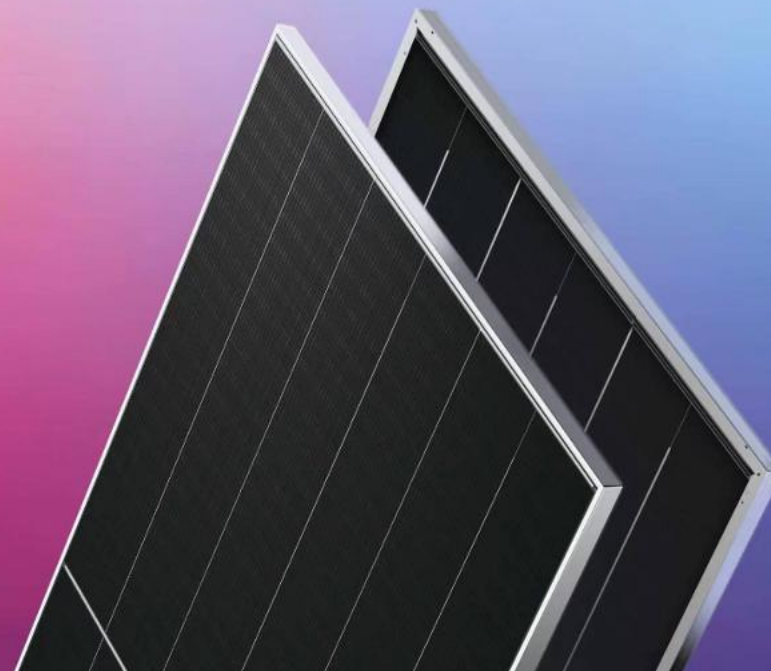
TONGWEI

TNG BIFIMAX

One Module Double Revenue

90% Bifaciality

MAXIMUM POWER **770W** MAXIMUM EFFICIENCY **24.8%**



908 Technology

(Tongwei's 0BB Technology)

Flexible interconnection
Ultra-multiple busbars
Enhanced micro-crack resistance



Stencil Printing

Precision printing
Improved power performance



TP E

Power loss recovery
Enhanced durability and efficiency



PolyTech


Higher bifaciality
Superior energy yield



LEADING INTEGRATED GREEN ENERGY OPERATOR

Tongwei New Energy, an integrated green energy operation segment of Tongwei, focuses on the “Fishery & PV Integration” development model, source-grid-load-storage, virtual power plant, energy and carbon transaction and other core businesses, specializes in building a whole PV power eco-chain ranging from source-end development, solutions to smart operation, and is committed to becoming an integrated green energy operator with global competitive edge.

Closely following the national green development strategy, Tongwei has developed the world’s first “Fishery & PV Integration” development model to integrate PV power generation with modern fishery, and realized a grid-connected capacity of 5.1 GW accumulatively, continuously benefiting a great number of households with clean high-quality PV power.

 **4** million mu
Pond water surface

 **120 - 150** GW
Photovoltaic power station

 **10** million tons
Tongwei aquacultural products

56 PV power stations featuring "Fishery & PV Integration"

New Energy: Tongwei has more than 20 patents, including combined cable clamps, rotation systems, and installation devices, and is an essential participant in the development and innovation of new energy.

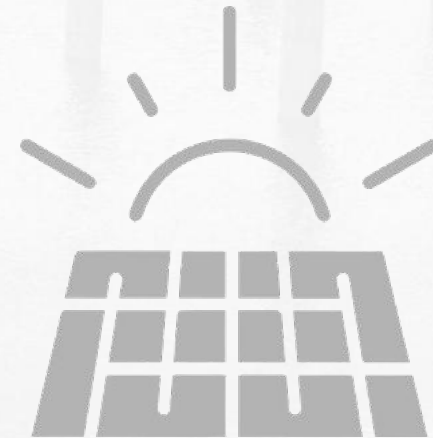
New Fishery: Equipped with Tongwei Intelligent Aquaculture Solution, the per-capita management and breeding area of fishery breeding has increased from 20-200mu to 500-1000mu.

New Country: Diversified industry overlay, creating a space with unlimited possibilities.



More than 20 provinces and municipalities

More than 5.1 GW of grid-connected projects



TONGWEI " FISHERY & PV INTEGRATION " BASE · DONGYING



TONGWEI "FISHERY & PV INTEGRATION" BASE · YANGJIABO, TIANJIN



03 Part

HONORS
AND QUALIFICATIONS



CONTENTS

HONORS AND QUALIFICATIONS



Key National Leading
Enterprise for
Agricultural
Industrialization

Pioneer in China's
Energy Conservation and
Emission Reduction

National Green Supply
Chain Management
Demonstration
Enterprise

Top 500 Most
Contributed Enterprises
to Global New Energy

National Enterprise
Technology Center

National High-tech
Enterprise

National
Green Factory

Fortune
Global 500

AAA Credit Certificated
Enterprises

Standard
Implementation
Certification of
Intellectual Property
Rights Management
System

China's Most
Influential Green
Enterprise Brands

Top 100 Chinese
Private Listed
Companies

National Intellectual
Property
Advantageous
Enterprise

04 Part

SOCIAL
RESPONSIBILITY



CONTENTS

ENVIRONMENT, SOCIETY, GOVERNANCE

Tongwei adopts "Together to Win" as its mission for sustainable development, proposing the core concepts of "build together," "govern together," and "share together." creating a sustainable and better new life for society with real actions.

-  Tongwei has consistently implemented the green development concept, actively practiced the dual-carbon strategic goals, and is committed to promoting sustainable and high-quality development of society.
-  Tongwei always adheres to the UN Sustainable Development Goals (SDGs), attaches great importance to employee development, value realization, product responsibility, production safety, green supply, and community building, and always cares about charity and public welfare.
-  Tongwei has continuously improved corporate governance and regards stable and transparent corporate governance as the cornerstone of the company's everlasting foundation.



Green
Development Concept



Sustainable
Development Goals



Improve
Governance Level

Boost Green Energy Transition

Calculated based on 400GW high-efficiency photovoltaic cells produced by Tongwei

Equivalent to planting
3,814
million trees

Generate clean energy of **581** billion kWh

Meet the annual electricity demand of households in urban and rural areas **344.169** million

Annual standard coal savings of approximately **175.1956** million tons

Reduce carbon dioxide emissions approximately **381** million tons

Reduce sulfur dioxide emissions of approximately **58,000** tons

*Source: Tongwei Co., Ltd. 2025 Annual Report

THANKS



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Tongwei For better life