



# Prezentacja firmy 2018

Godny zaufania partner dla twojego projektu



01 | Informacje o Firmie

02 | Zdolności produkcyjne i badawczo  
rozwojowe

03 | Produkty i certyfikacja

04 | EPC i projekty

05 | ZNSHINE na Świecie

06 | Główni klienci

# Informacje o Firmie 01



- Trzy główne obszary działalności: Produkcja modułów, Usługi EPC, Projekty Inwestycyjne i eksploatacja
- od 1988; 30-letnie doświadczenie w produkcji
- Bloomberg Tier 1 (BNEF Q3, 2018)
- Ponad 1,3 GW projektów w Japonii W ramach projektu Energy Solutions EPC
- Zdolność produkcyjna 3.2GW
- Firma z ekologiczną produkcją na liście Ministerstwa przemysłu.

# Company Overview

Zdjęcie z Prezydentem Chin Xi Jinping, na szczycie Azji i Pacyfiku na rzecz współpracy gospodarczej (APEC)



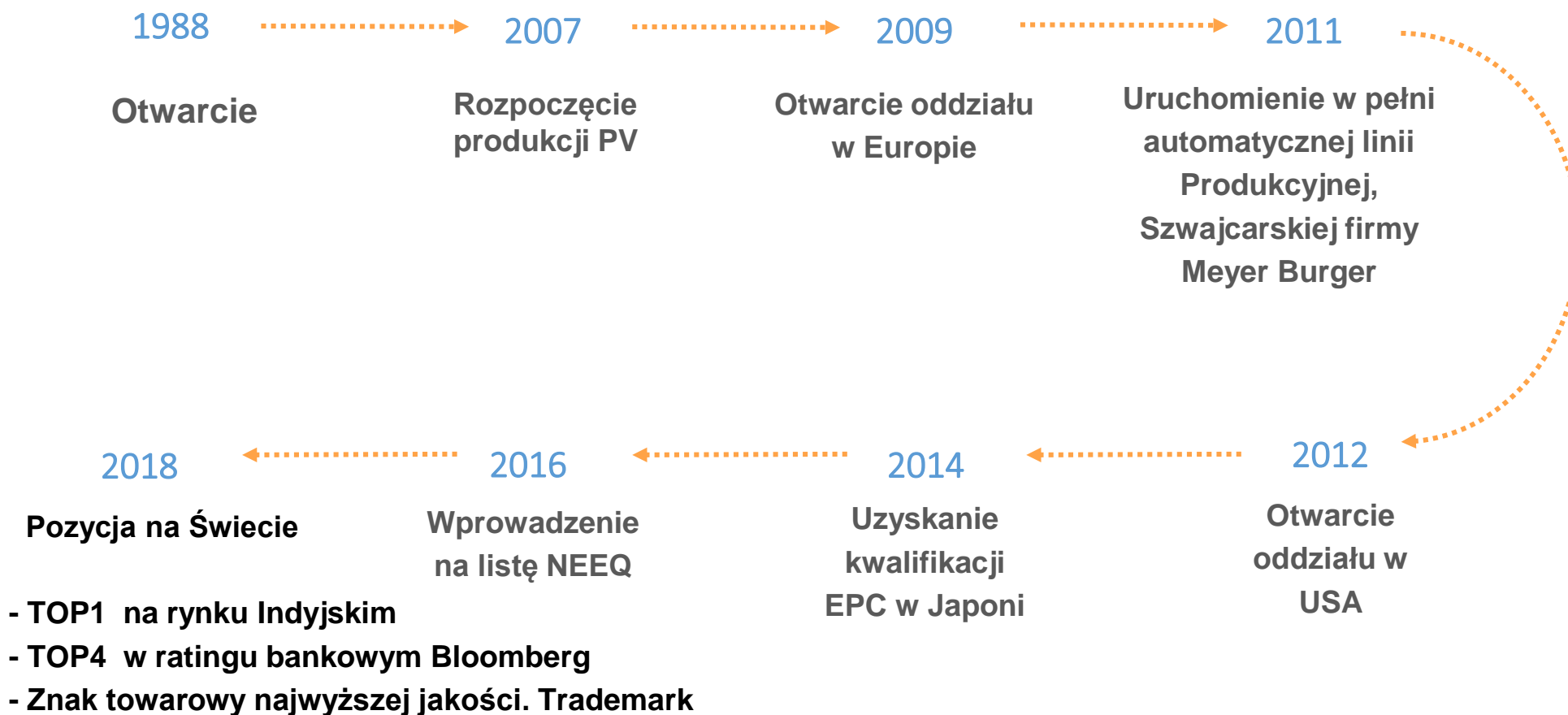


➤ 30-letnie doświadczenie w produkcji. Moce produkcyjne 3.2GW

➤ Projekty EPC 550MW

➤ 4GW projektów na świecie

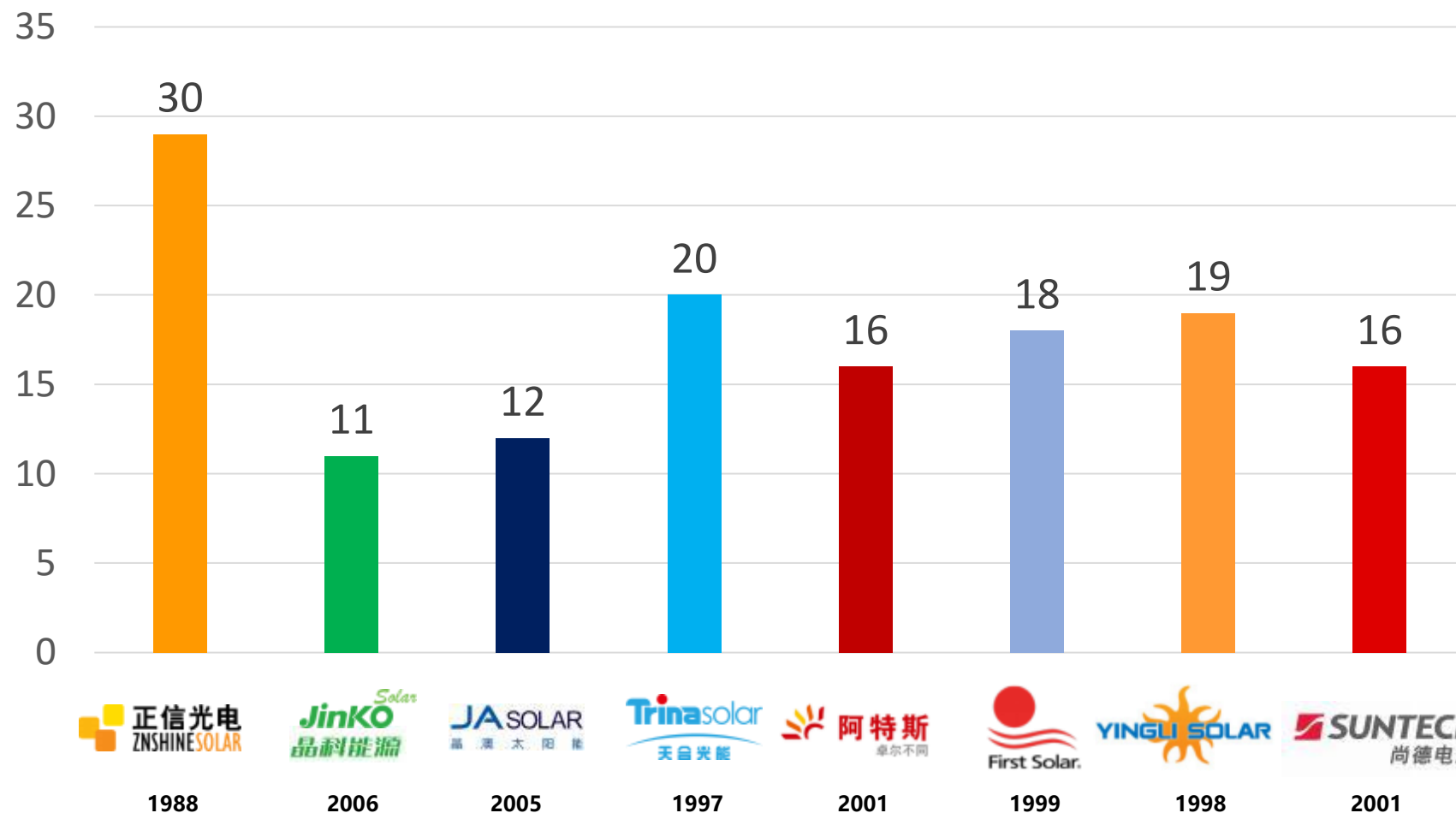
# Kamienie milowe w rozwoju Firmy



# Najdłuższe doświadczenie w branży PV

## Photovoltaic (pv) first-line brand enterprise history

Lata





01

**Tier1** Najwyższy rating Bloomberg

01

**Top 1** Największy dostawca w Indiach

04

**Top 4 w Bankowym** Ratingu na Świecie

10

**TOP 10 w Tier1** Światowym

# ZNSHINE Solar-Bloomberg Tier 1

**Table 3: Module manufacturers meeting Bloomberg NEF's tier 1 criteria as of 4Q 2018**

Firm/brand	Annual module manufacturing capacity (MW/year)	Firm/brand	Annual module manufacturing capacity (MW/year)
Jinko*	9,000	BYD*	1,700
Canadian Solar*	8,700	Trunsun	1,600
JA Solar*	8,500	HT-SAAE*	1,500
Hanwha Q-Cells*	8,000	Waaree	1,500
Trina Solar*	8,000	Adani/Mundra*	1,500
Risen Energy	7,500	Akcome	1,400
Longi*	7,500	Kyocera	1,350
GCL*	5,400	Vikram Solar*	1,100
Talesun	4,500	ET Solar	1,000
Suntech*	3,300	Neo Solar Power/URE*	850
<b>ZNShine*</b>	<b>3,200</b>	Boviet*	800
Seraphim	3,000	Lightway	660
First Solar*	2,900	Hansol Technics	600
Chint/ Astronergy*	2,500	S-Energy	530
Phono Solar*	2,000	AU Optronics	455
Eging	2,000	Heliene*	250
LG Electronics*	2,000	Sharp	210
Renesola	2,000	Shinsung E&G	200
		<b>Total</b>	<b>107,205</b>

## Bloomberg Tier 1

### ZNSHINE SOLAR: Tier 1 Solar Module Manufacturer

Source: Bloomberg New Energy Finance (BNEF)  
Global PV Market Outlook, Q3 2018

# Tier 1 & Top 10

## Tier 1 Solar Module Manufacturer

Source: Bloomberg New Energy Finance (BNEF), Global PV Market Outlook, Q3 2018.

Table 1: Tier 1 PV module manufacturer list, 4Q 2017

Company	Capacity	Company	Capacity
Trina Solar*	8,000	Changzhou Almaden	1,500
Jinko Solar*	7,500	HT-SAAE*	1,500
JA Solar*	7,000	China Sunergy	1,450
Canadian Solar*	6,970	REC Group*	1,300
Hanwha Q Cells*	6,400	Akcome	1,000
GCL Systems*	5,000	Phono Solar	1,000
Longi	5,000		1,000
Talesun*	5,000		1,000
Suntech/ Shunfeng*	3,300		900
Seraphim*	3,000		700
First Solar*	2,200		670
Hareon	2,000		500
Renesola	2,000	Waaree	500
LG*	1,650	AU Optronics	455
<b>ZNShine</b>	<b>1,600</b>	<b>Total</b>	<b>80,095</b>

Top 15

2018



Table 1: Module manufacturers meeting Bloomberg New Energy Finance's tier 1 criteria as of 3Q 2018

Firm/brand	Annual in-house module capacity (MW/year)	Firm/brand	Annual in-house module capacity (MW/year)
Jinko Solar*	9,000	HT-SAAE*	1,500
JA Solar*	8,500	WAAREE	1,500
Canadian Solar*	8,310	China Sunergy	1,450
Hanwha Q CELLS*	8,000		1,400
Trina Solar Ltd*	8,000		1,350
Risen	6,600		1,000
GCL System*	5,400		1,000
Talesun	4,500		1,000
Suntech/Shunfeng*	3,300		670
<b>Znshine Solar*</b>	<b>3,200</b>		660
Seraphim	3,000	S-Energy	530
Chint/Astronergy	2,500	Hansol Technics	480
First Solar*	2,200	AU Optronics	455
Eging	2,000	Heliene	250
BYD*	1,700	Sharp	210
LG Electronics*	1,650	Shinsung E&G	200
		<b>Total</b>	<b>91,515</b>

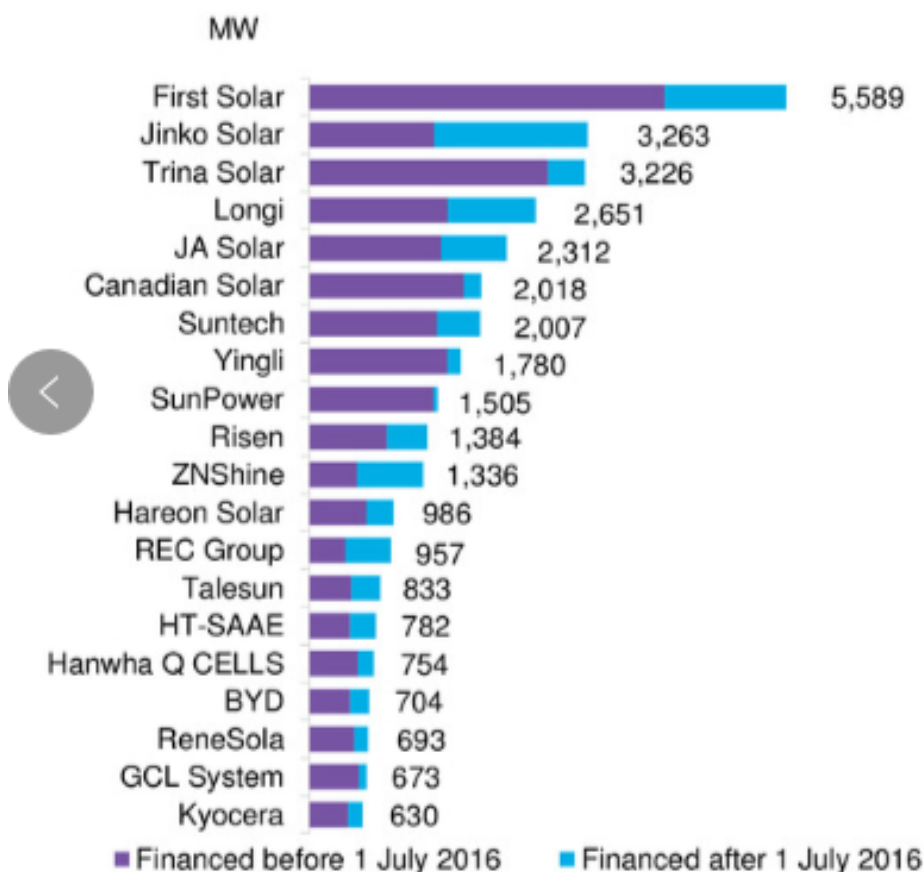
Top 10

# Top 1 module supplier to Indian market

PV		2018 Top 20 China Module Suppliers of India							
Rank		Shipment (MW)							Total
		Jan	Feb	Mar	Apr	May	Jun	Jul	
1	Znshine Solar	48.1	35.7	87.5	33.3	72.8	96.8	89.3	463.5
2	JA Solar	180.3	103.2	23.9	0.1	1.0	23.9	101.2	433.6
3	Risen	146.8	59.9	1.9	63.2	12.3	10.6	115.5	410.2
4	Jinnerngy				0.0	128.2	125.7	134.9	388.9
5	Lerri Solar	118.2	94.1	18.7	65.0	58.9	0.2	29.8	385.0
6	GCL-Si	88.6		4.0	53.2	4.2	110.1	114.7	374.9
7	Trina	187.0	43.1	24.6	4.2	3.3	13.0	3.2	278.4
8	Suntech	65.2	63.8	100.4	10.7	8.5	6.7	9.7	264.9
9	Astronergy	60.9	71.8	52.7	23.8	3.1		0.8	213.2
10	Talesun	64.6	33.9	0.1	0.0	0.4	29.9	35.6	164.6
11	CSUN	0.2	0.4	4.4			22.7	122.3	150.1
12	Canadian Solar	93.4	15.2	7.7	1.7	8.9	6.9	0.0	133.8
13	HT-SAAE	21.0	49.8	40.1	10.8	0.0		10.0	131.7
14	Yingli	46.5	23.0	49.2	1.3		0.1		120.1
15	ReneSola	11.7	13.1	12.2	5.8	1.8	4.4	37.9	86.7
16	Anhui Schutten	4.5		10.0	10.0	20.9	9.0	23.6	78.0
17	Hanwha Q-cells	27.7	5.6	0.7	10.9	7.1	1.6	5.1	58.7
18	Econess Energy		24.0	26.6			0.0	0.2	50.7
19	Seraphim	3.7	12.3	12.5	15.8	5.1	0.7	0.0	50.0
20	Jinko	9.9	6.7	21.5	4.2	5.7	1.6	0.3	49.9
	Others	17.6	59.8	13.5	11.6	8.1	26.3	53.6	190.5
	<b>Total</b>	<b>1196.0</b>	<b>715.5</b>	<b>512.2</b>	<b>325.5</b>	<b>350.3</b>	<b>490.3</b>	<b>887.8</b>	<b>4477.5</b>

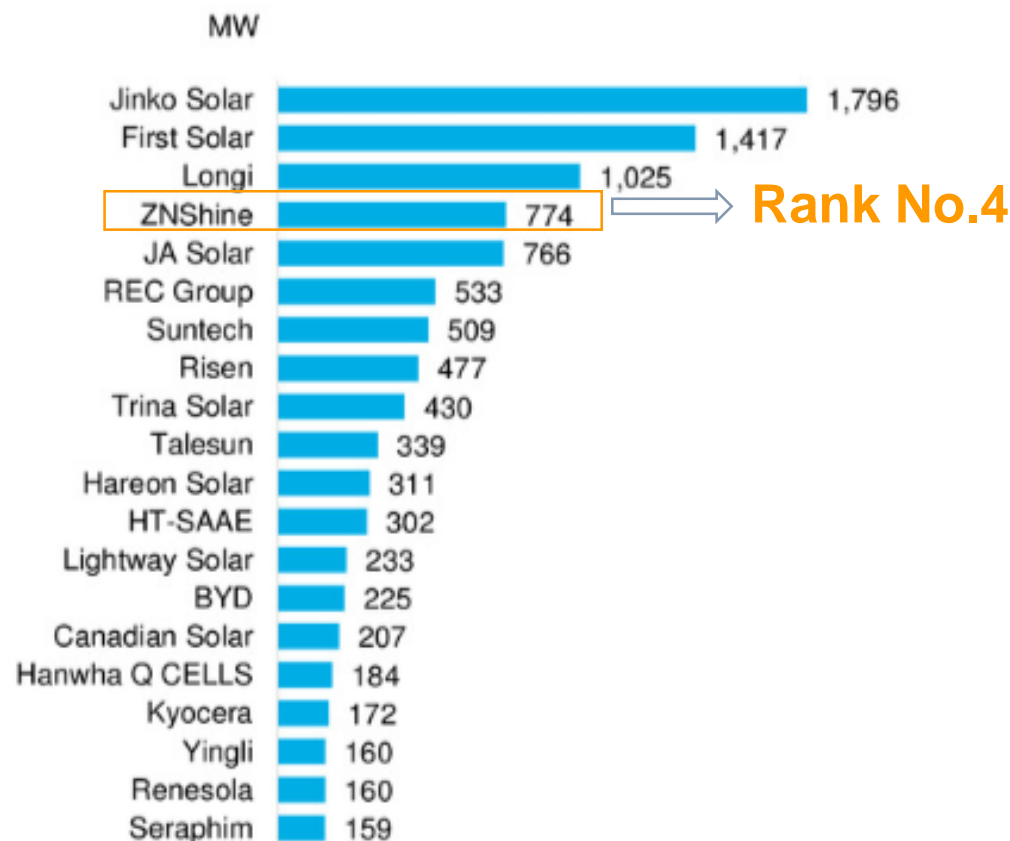
Source: PV InfoLink –India PV Market Renewable Energy India September 2018

Figure 2: Top 20 PV modules used in term-loan financed projects, all time



Source: Bloomberg NEF

Figure 3: Top 20 PV module brands used in term-loan financed projects after July 1, 2016



Source: Bloomberg NEF

Bloomberg NEF definiuje bankowość modułu fotowoltaicznego jako gotowość banku do udzielenia kredytu terminowego na projekt PV, który wykorzystuje konkretną markę modułu.



ZNSHINE został uznany przez rząd jako ceniony Chiński znak towarowy.



W 2015 roku ZNSHINE otrzymał PVS TUV Rheinland Star 2015 za najwyższą wydajność energetyczną naszego modułu.



**China Supplier Evaluation Report**

Identification & Summary | Risk | Trade | History | Principals | Operations | Structure | Finance | Public Records | Appraisal

**ZNSHINE PV-TECH CO., LTD.**

Report compiled Jul 03, 2017

Print Preview | Help/Glossary | New Features

**IDENTIFICATION & SUMMARY**

**Identification**

Company Name: ZNSHINE PV-TECH CO., LTD.  
 Official English Name: Yes  
 Chinese Name: 正信光电科技股份有限公司  
 Trading Style (Chinese): 正信光电  
 DUNS® Number: 52-949-4079  
 Address: 14, Zhenxing (S) Road, Industrial Concentration Zone, Zhidi Town, Jintan District, Changzhou, Jiangsu 213251  
 Address (Chinese): 金坛区直溪镇工业集中区振兴南路1号, 常州市, 江苏省  
 Telephone: 0519 82449226  
 Facsimile: 0519 82442068  
 Website: www.znshinesolar.com  
 E-mail: linda@znshinesolar.com  
 Type of Business Listed on: A Joint stock National Equities Exchange and Quotations  
 Year Started: 2006  
 History: Business (Subject has court record(s) within 2 years)  
 Imports: Yes  
 Exports: Yes  
 Employees: 745 (Total)

**Risk Summary**

**RISK EVALUATION**  
 EMMA Score: 6  
 D&B Rating: 5A3(PRV. 5A-) 50  
 D&B PAYDEX®: 50

**LEGAL EVENTS**  
 Litigation Records: 1

**PRINCIPAL INFORMATION**  
 Principal(s): 1

**PAYMENT INFORMATION**  
 Trade References: 8

**COMPANY KEY EVENTS**  
 History Changes: 14  
 Media Records: 4

**FINANCIAL SUMMARY**  
 Registered Capital: RMB 547,911,831  
 Sales/Turnover: 2,296,444,000 (2016)  
 Tangible Net Worth: 1,172,361,000 (2016)  
 Total Assets: 3,851,611,000 (2016)  
 Shareholders Equity: 1,193,713,000 (2016)

Click on summary items for full details

**CURRENCY**  
 All monetary amounts quoted in this report are shown in Renminbi (RMB) unless otherwise stated.

**REMARK**  
 "-" stands for "Insufficient Information" or "No comments".

## D&B Rating

### D&B Rating Interpretation Tables

Financial Strength			Composite Credit Appraisal			
Tangible Net worth	Registered Capital	Renminbi (RMB)	Strong	Good	Fair	Limited
5A	5AA	> 450,000,000	1	2	3	4
4A	4AA	85,000,000 - 449,000,000	1	2	3	4
3A	3AA	8,500,000 - 84,999,999	1	2	3	4
2A	2AA	6,500,000 - 8,499,999	1	2	3	4
1A	1AA	4,500,000 - 6,499,999	1	2	3	4
A	AA	2,500,000 - 4,499,999	1	2	3	4
B	BB	1,750,000 - 2,499,999	1	2	3	4
C	CC	1,000,000 - 1,749,999	1	2	3	4
D	DD	650,000 - 999,999	1	2	3	4
E	EE	450,000 - 649,999	1	2	3	4
F	FF	300,000 - 449,999	1	2	3	4
G	GG	200,000 - 299,999	1	2	3	4
H	HH	< 200,000	1	2	3	4

Rating D & B  
 rekomendacja ZNshine  
 silne finanse, duża  
 zdolność kredytowa



Polycrystalline 6" 72 cells  
ZXP6-72 Series, 304-340 Wp

Polycrystalline 6" 60 cells  
ZXP6-60 Series, 255-280 Wp



## DNVGL Product Qualification Program

Moduły ZNSHINE SOLAR są obecnie w trakcie długoterminowych testów w PV Evolution Labs (PVEL) w USA :

### Reliability:

Thermal Cycling  
Damp-Heat  
Humidity Freeze  
UV Exposure  
Dynamic Mechanical Load Test

### Performance:

PID

PAN Files  
NOCT  
IAM  
LID

30-letnia gwarancja uzysków ubezpieczona w  
największej azjatyckiej firmie reasekuracyjnej ChinaRe

★ **Grade of certificate:**

中国大地财产保险股份有限公司  
CHINA CONTINENT PROPERTY INSURANCE CO. LTD.

CERTIFICATE OF SOLAR PV MODULES PRODUCT WARRANTY & POWER ATTENUATION GUARANTEE INSURANCE

**BROKER**

XXXXXX Insurance Brokers Ltd.  
ADDRESS:  
TEL:  
FAX:  
Email:

**No.**

**DATE:**

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

**INSURED**

**INSURER**

**COVERAGES**

The Insurer shall indemnify the losses which the Insured suffered by one of the following reasons, if any PV module caused the claims against the Insured, the Insured shall be legally liable for repair, replace and refund of the product pursuant to Limited Warranty, and compensate the difference between the standard and actual generated output;

1) Defective Material;

2) Defective Workmanship.

If the named insured becomes insolvent or bankrupted, the insurance liability remains effective.

THE POLICY OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICY DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICY. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	Indemnity Period
Solar PV Modules Product Warranty & Power Attenuation Guarantee Insurance				25Y

**Certificate Holder**

**Name:**

**Address:**

**Contract No.:**

**DESCRIPTION OF PRODUCTS**

Insured Products: Solar PV Modules sold to worldwide.

**Contract Power:**

**CANCELLATION**

BOTH OF THE NAME INSURED AND THE INSURANCE COMPANY SHOULD NOT CANCEL THIS POLICY.

**Authorized Signature:**

**A.M. BEST COMPANY**

Andrew Road  
St. Joseph, MO 64507-0001  
816.438.2000  
FAX 816.438.0883  
www.aambest.com  
October 28, 2014

Confirmation of A.M. Best's Credit Ratings

This is to certify that A. M. Best Asia-Pacific Ltd. has assigned the following Best's Credit Ratings:

Company:	China Continent Property & Casualty Insurance Co., Ltd.
AMBA:	90956
Best's Financial Strength Rating:	A
Rating Outlook/Implication:	Stable
Rating Effective Date:	October 24, 2014
Best's Issuer Credit Rating:	a
ICR Outlook/Implication:	Stable

Guides to Best's Financial Strength and Issuer Credit Ratings describing the systems are enclosed. As the Guides indicate, a Best's Financial Strength Rating opinion of an issuer's financial strength and ability to meet its ongoing issue contract obligations and the Best's Issuer Credit Rating is an opinion of an issuer's strength and ability to meet its ongoing senior financial obligations.

Best's Credit Ratings are subject to change. To confirm the latest rating or to obtain Best's Credit Ratings please visit the A.M. Best Company Website at [www.aambest.com](http://www.aambest.com)

Yours sincerely,



Matthew C. Mosher  
Senior Vice President  
Ratings

encl: Best's Rating Certificate



China Continent Property & Casualty Insurance Co., Ltd.


**A.M. Best Company**  
certifies that

**China Continent Property & Casualty  
Insurance Company Ltd**

has a  
**Best's Financial Strength Rating**  
of  
**A (Excellent)**



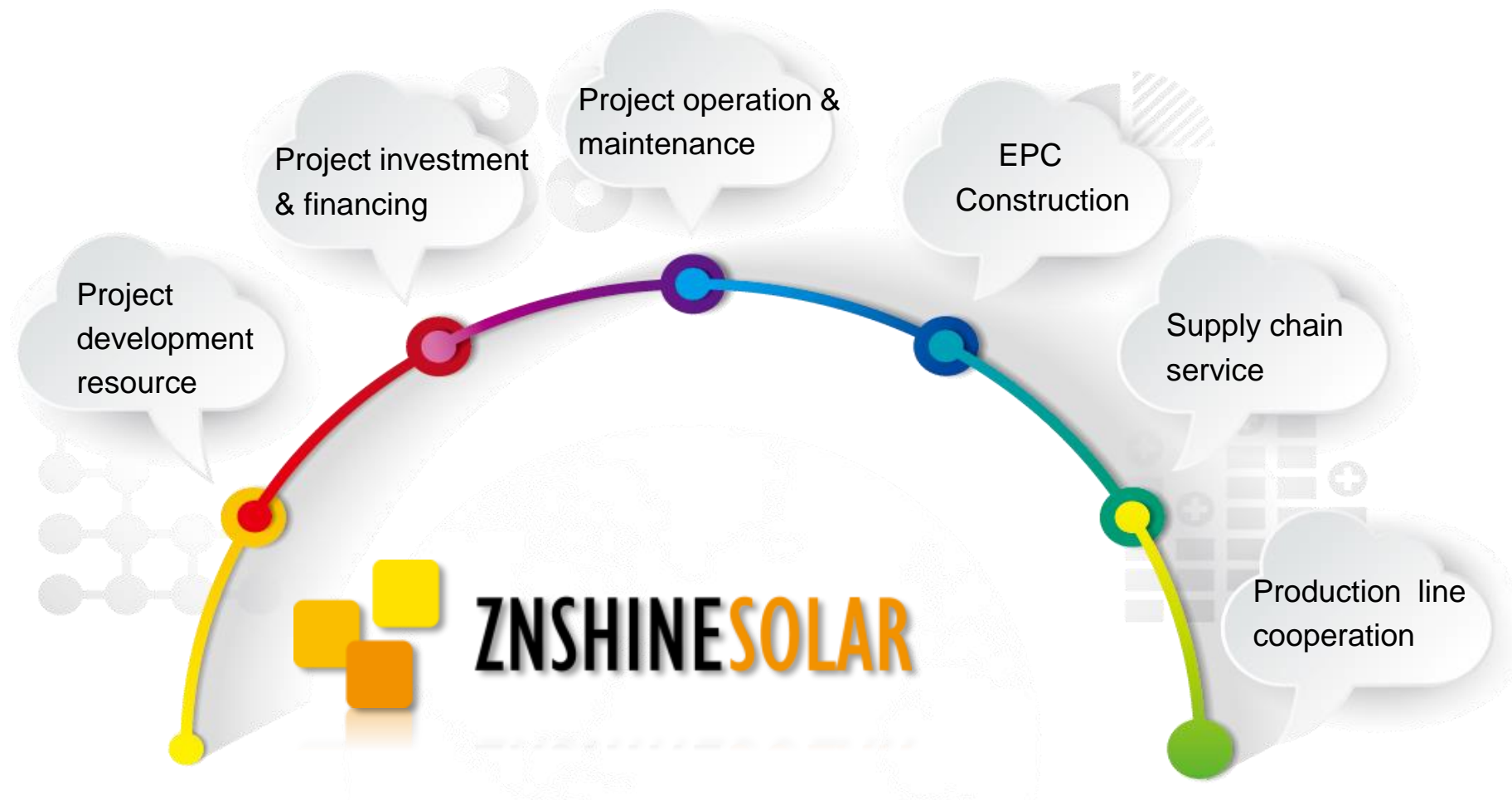
*Arthur H. L. III*  
President

Re-rating effective October 26, 2014  
Best's ratings are subject to change.  
To acquire the latest rating or to learn more  
about A.M. Best's ratings, visit [www.aambest.com](http://www.aambest.com)  
A.M. Best Company  
One North Zeeb Road, Newark, NJ 07102-1194

*Matthew H. Hahn*  
Senior Vice President  
Rating



# Added-Value for Clients



Dzięki 30-letniemu doświadczeniu w produkcji paneli fotowoltaicznych, Firma ZNSHINE jest w stanie zapewnić najwyższy standard jakości swoich produktów i obsługi klienta.

# Production and R&D Ability

# 02

# Production and R&D Ability



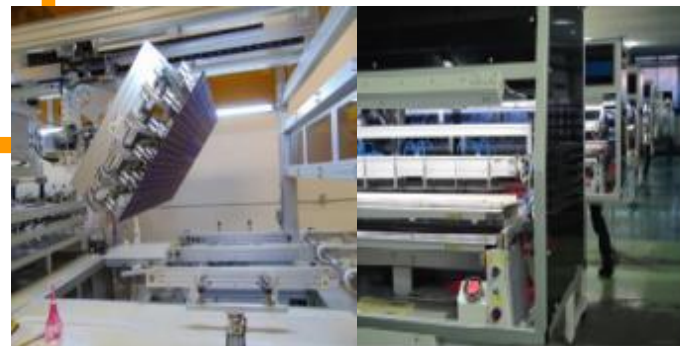
**Headquarters of China- Jintan District,  
Changzhou, Jiangsu Province**

Production capacity: 2.7GW / year



**ZNSHINE SOLAR SILIAN FACTORY**

Production Capacity: 300MW Double Glass  
modules Manufacturing Line

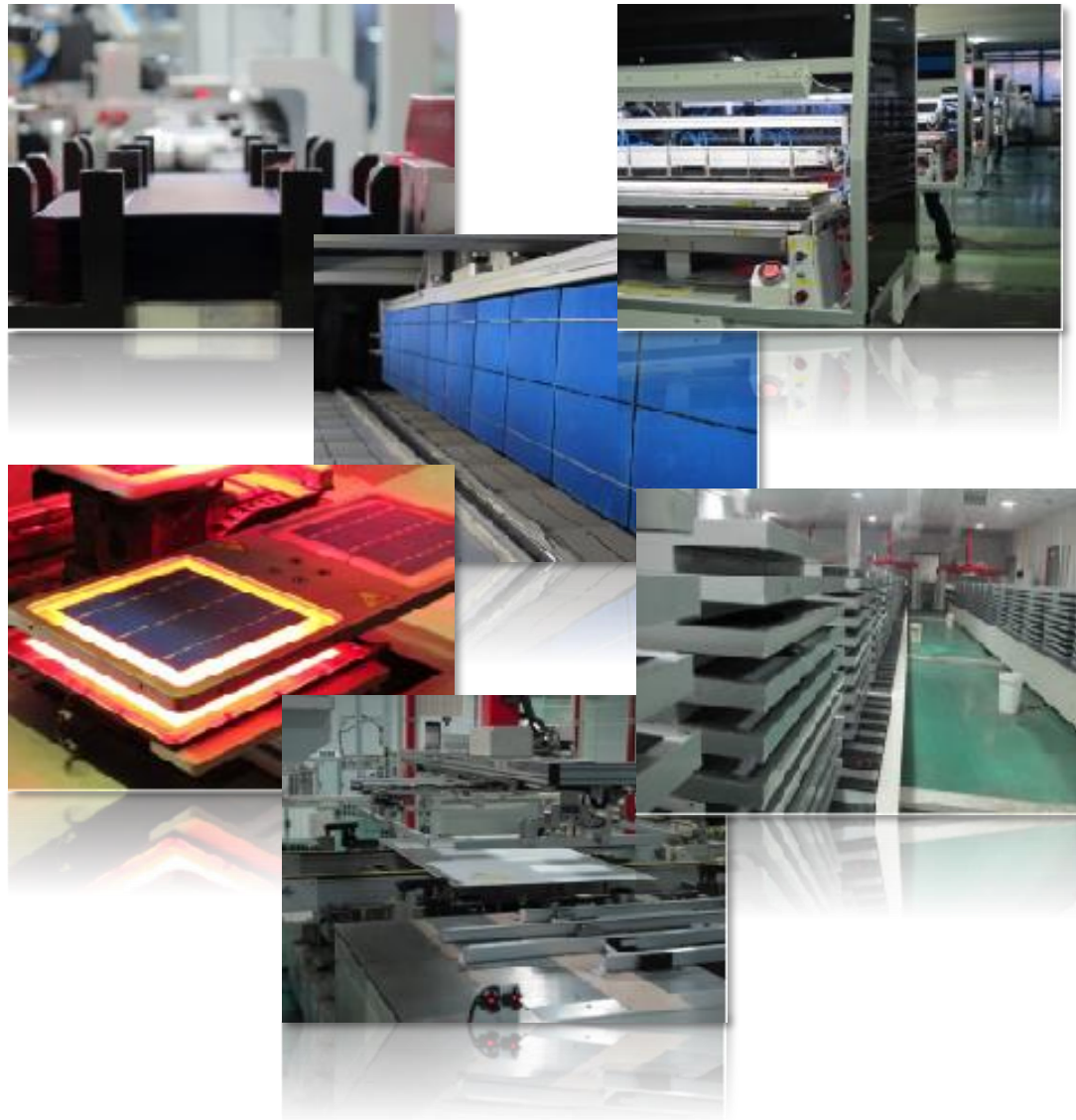


**Production capacity outside China: 200  
MW / year**

Poland: 50MW  
Canada: 40MW

Czech Republic: 40MW  
India: 70MW

# Production and R&D Ability



- 3.2 GW of global production capacity
- Full-automatic production line R&D
- Smart factory-MES system



**MEYER BURGER**  
SWISS SOLAR SYSTEMS

## Solar Cell

Mass Production Capacity:  
1GW

Black silicon RIE

Cell Efficiency **18.8-19.0%**

PERC

Cell Efficiency **20.5%**

N-type cell

Cell Efficiency **20.8-21.0%**

R&D

IBC

Cell Efficiency **22%+**

SHJ

Cell Efficiency **22%+**

## Solar Module

Mass Production  
Capacity: 3.2GW

**Graphene PV Tech**

Module Efficiency **+0.5%**

**Muti-BB PV Tech**

Module Efficiency **+0.3%**

**Emboss Welding PV Tech**

Module Efficiency **+0.2%**

# Products and Certification

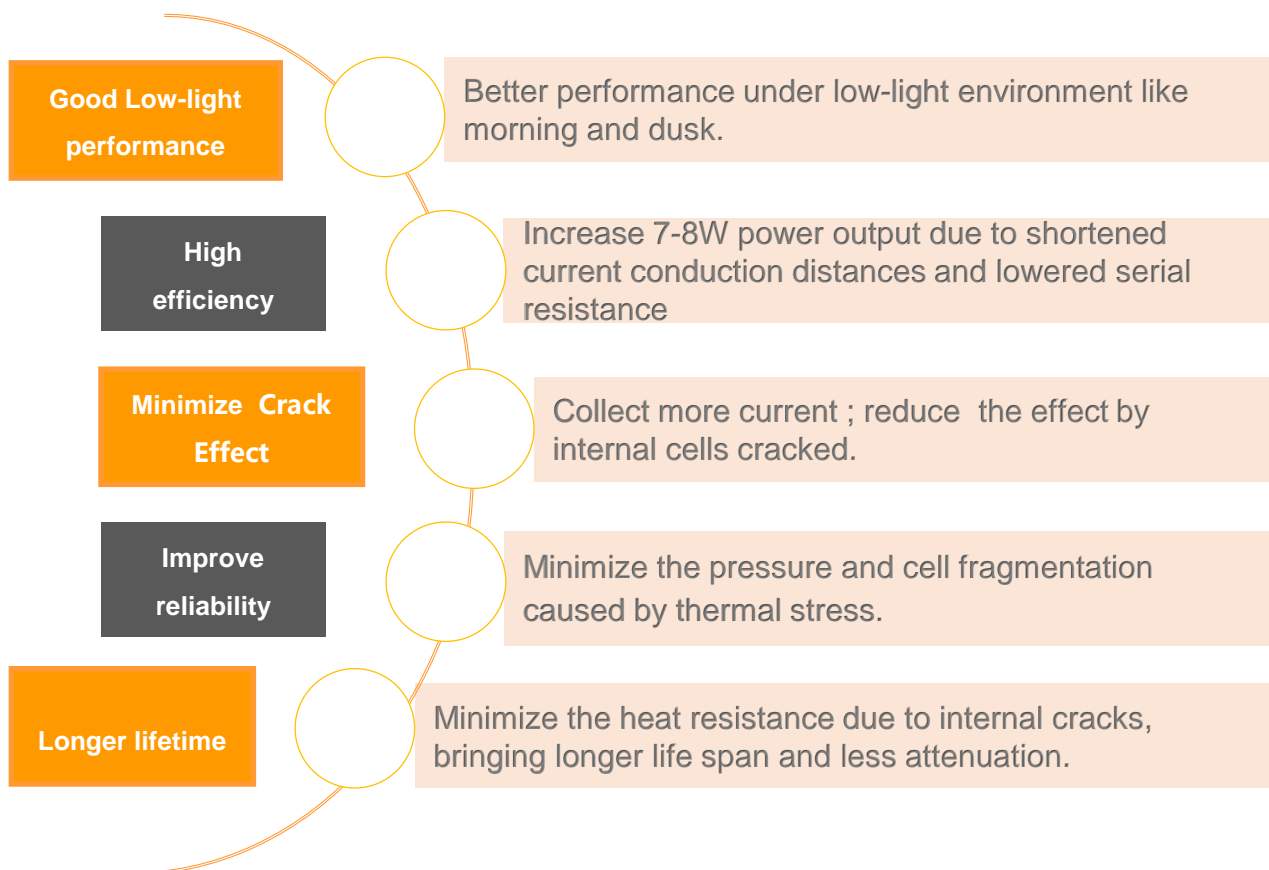
# 03

# Multi Busbar Products

## Technology:

12-busbar solar cell

## Features:

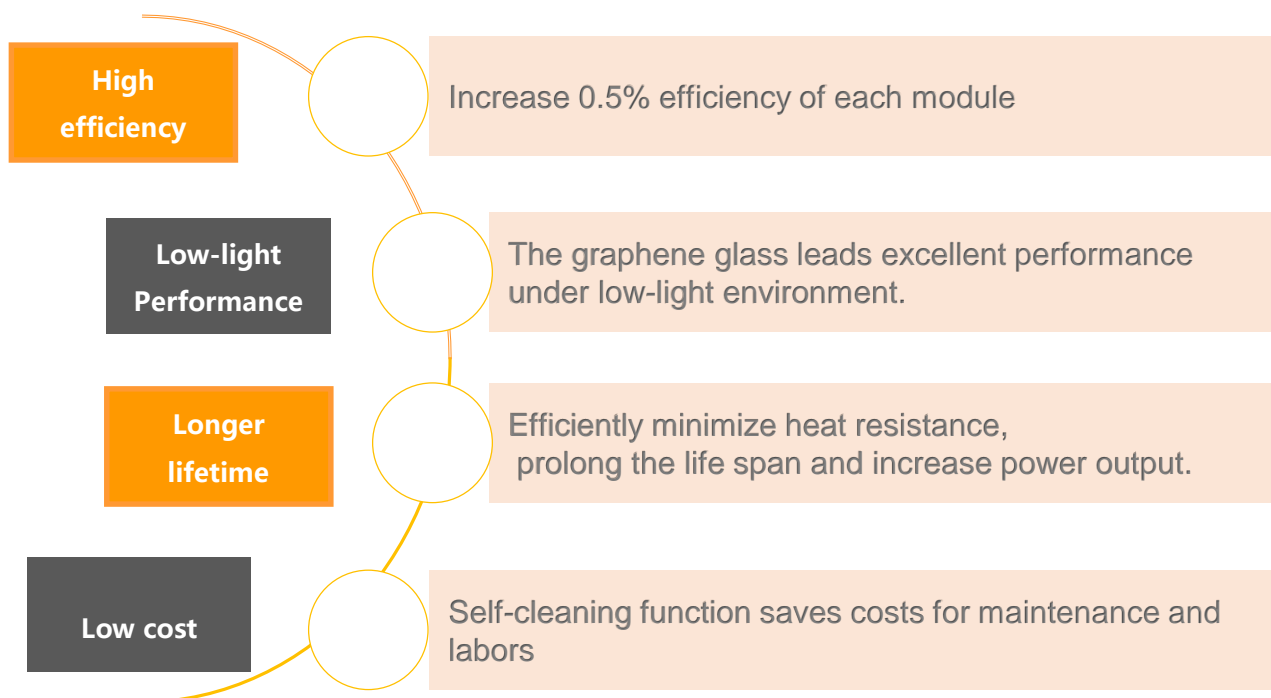


# Graphene Coating Products

## Technology:

The usage of graphene coating increases the transmission properties of the glass, and give its hydrophobic to the glass to achieve the self-cleaning.

## Features:

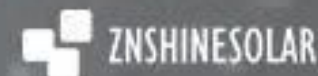


Graphene dioxide-  
New glass coating  
solution



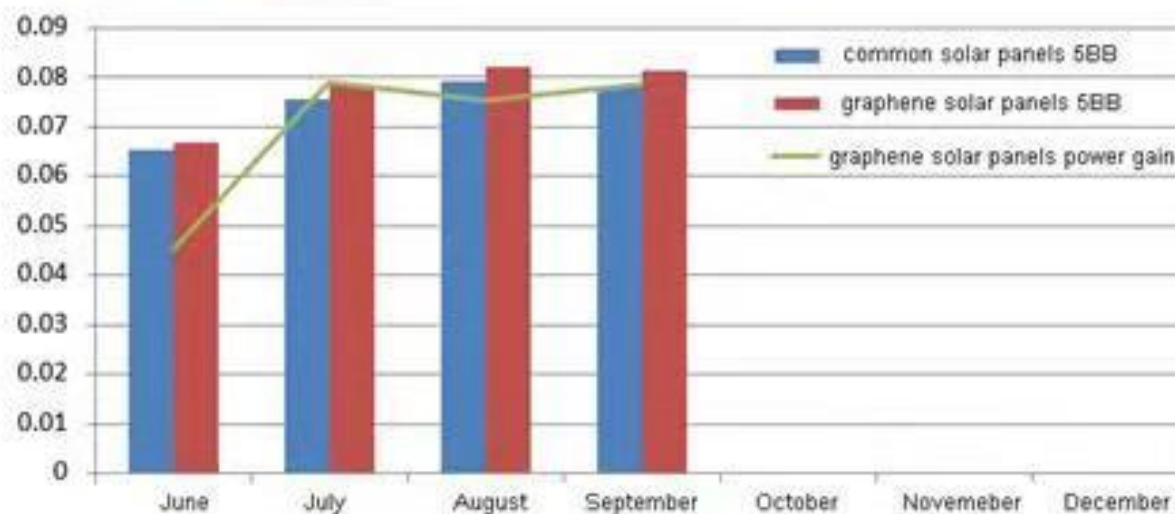
# Graphene Coating Products

## Graphene panels site tracking effect report - Improve of power generation capacity



### Graphene solar panels power gain

Power generation per watt



Power Gain

4.50%  
4.00%  
3.50%  
3.00%  
2.50%  
2.00%  
1.50%  
1.00%  
0.50%  
0.00%



### Power change after outdoor operation

Solar Panels Type	The original power	Run outdoors for 3 months	Power after cleaning	LID power attenuation	Surface fouling effects
Graphene panels	268.123	257.396	264.96	1.17%	2.85%
Common panels	269.988	243.661	266.37	1.34%	8.52%

# Lighten Double-Glass Products

## Technology:

The product integrates the high weather ability advantages of double-glass module and lighten weight and easy installation advantages of standard five-busbar module, achieves the goal of perfect module performance and over 30 years life span.

## Features:

longer life

Micro-cracks

Fire Class A

PID Free

Super Weather  
Resistance

Over 30 years life span

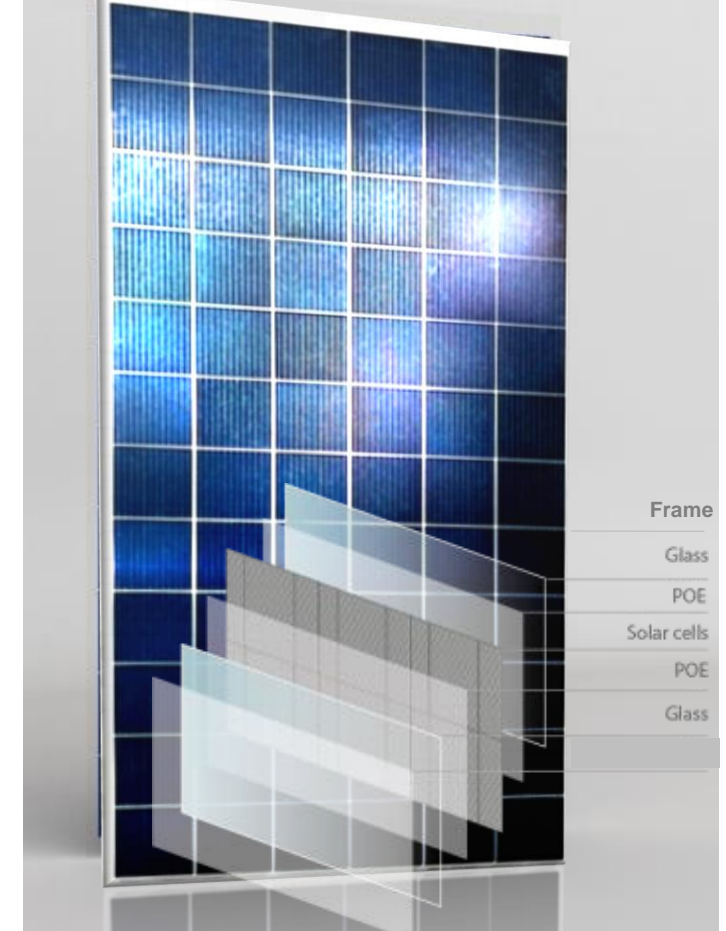
Reduce the micro-cracks during transportation and installation

Double-glass design helps to save module from damages caused by arc, hot spots and fire.

Potential induced degradation (PID) is free guaranteed

Water-proofing, Anti-corrosion by acid, alkaline and ammonia, Anti-friction.

## Lighten double-glass module technology



## Equipments in the kits box



List	
Distribution box	Panels
	Inverter
	Circuit Breaker
	Ammeter
	Surge Voltage
Solar DC Cables	
Ac Cable	
Mounting System	

## Standard Kits

Type: 3KW, 5KW, 8KW, 10KW

Panel: Poly Panel, Mono Panel, Double-glass

# Product Certifications

- International certifications by acknowledged independent laboratories



- System Certifications ISO 9001, ISO 14001 and OHSAS 18001

# EPC and Projects 04

You can rely on our added value of:

- A local development team
- Our strategic industry partnerships
- With solid module manufacturing experience, we are more strict with selecting partners to ensure product quality
- An EPC by German standard with international quality standards and worldwide references

# EPC & Projects Advantags

## Professional Team

- Over 200 professional staff
- Rich EPC and projects experiences
- Turnkey Solution
- Professional after-sale services

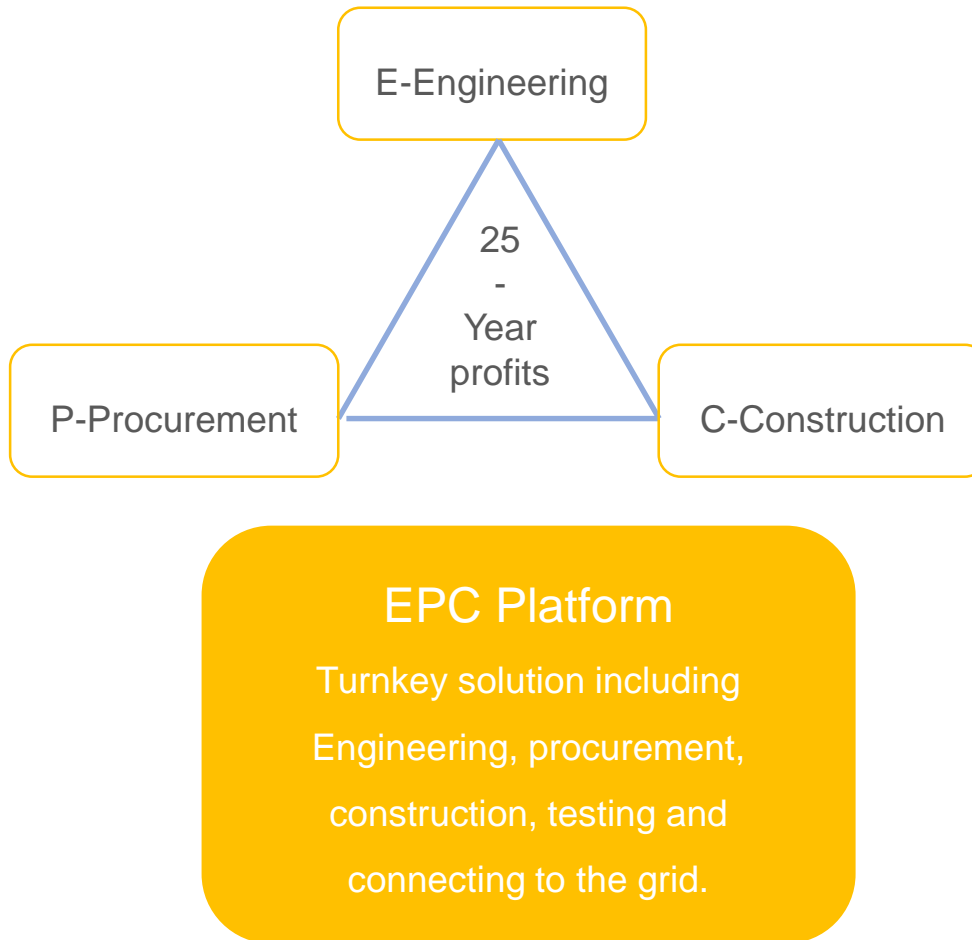
## Reputation

- One of the first PV companies involved in projects development
- The first Chinese company qualified by Japan EPC standard
- **Tier 1** EPC company in Japan
- Top 20 EPC in China
- **Top 5** Bankable PV Company worldwide

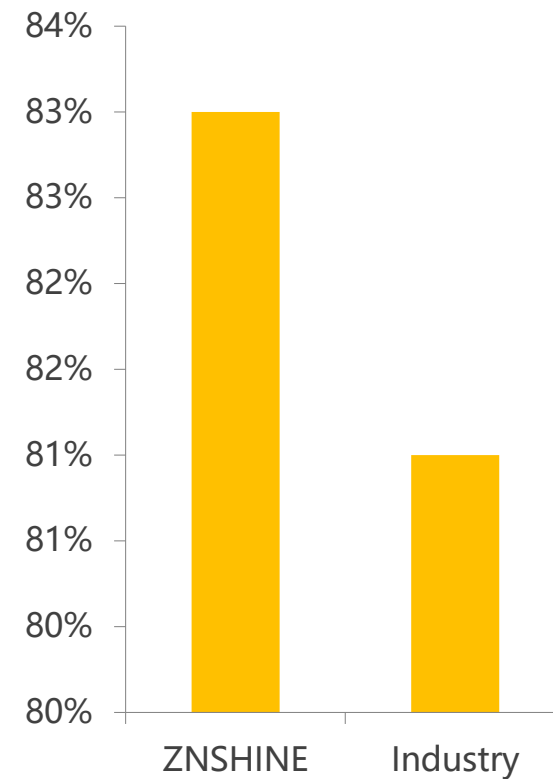
## Financing

- Projects Financing Experience
- Various cooperation experience with lots of banks and financing organizations.
- Sharing resources and providing lower loan rate

## Higher Plant PR



Performance Ratio Comparison  
ZNSHINE V.S Industry Average



## Sustainable Plant Operation

### Project Development and Construction

- Dedicated to new energy projects development
- Worldwide Experience
- Stable partnership with Japan Tobu Construction, NTT, NEC and LG Korea, Telecom Korea



### Plant Assets Management, Maintenance and Operation










- Invest, possess, operate and maintain solar plants assets worldwide.
- More than 2GW solar plants management experience.
- Reliable Partnership with Credit Suisse, Shinhan Financial Group and SunEdison

# ZNSHINE Worldwide 05



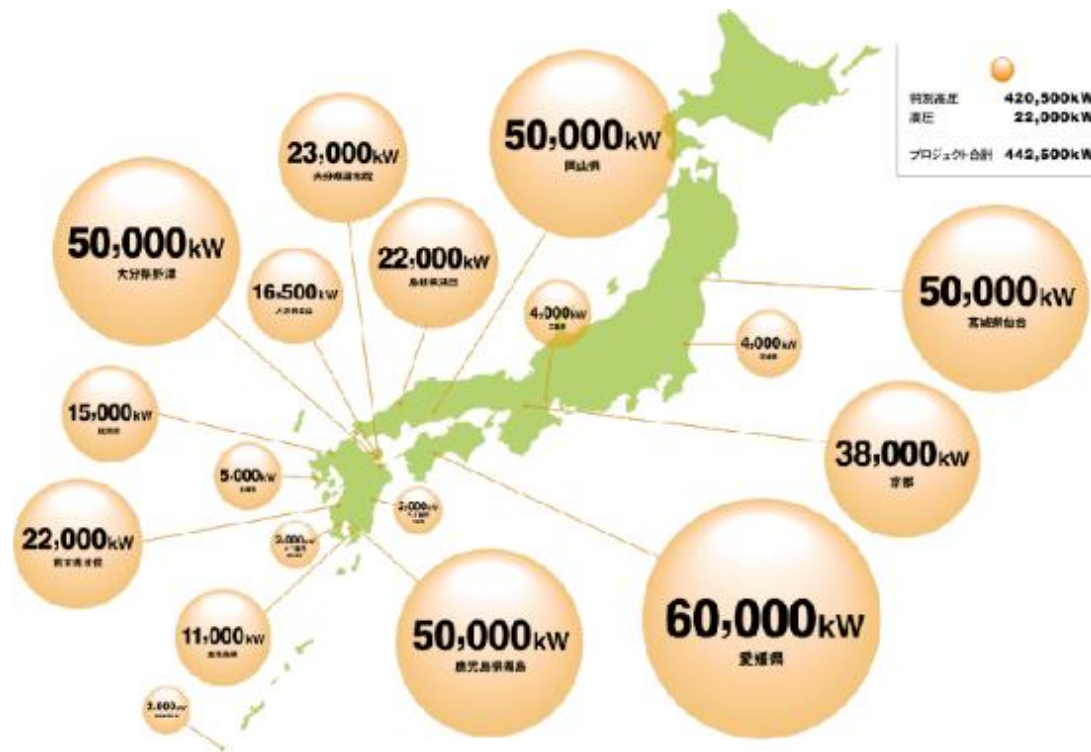
1H 2018 India Solar Market Share Leaders	
Top Utility-scale Project Developer by Installed Capacity	
Top Rooftop Installer	
Top Utility-scale EPC Player	<u>STERLING &amp; WILSON</u> 
Top Inverter Supplier	
Top Solar Module Supplier	
Top Solar Tracker Supplier	 L&T Construction
Source: Mercom India Market Share LeaderBoard 	

Up until July 2018, ZNShine Solar is the biggest Chinese solar module supplier to Indian market.

■ 	42 Mw	■ 
■ 	70 MW	
■ 	482.45MW	227.05MW
■ 	58 MW	
■ 	55 MW	■ 
■ 	80 MW	180.5MW

**Pipeline by December 2018: 1.2 GW**

# ZNSHINE Worldwide: Japan



In 2016, ZNSHINE Group has over 1.3GW of projects in pipeline in Japan and 1.3GW in China. It has earned the trust of local and national governments as a certified and acknowledged EPC in both countries.



Hamada Project phase I  
Installed capacity: 23MW  
Time : April 26<sup>th</sup>, 2017

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Hamada Project phase I  
Installed capacity: 11MW  
Time: October 20<sup>th</sup>, 2015

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40% Equipment used in Phase I of Hamada Project is Made in China, but Equipment which is Made in China used in Phase II of Hamada Project increased by 90%, cost decreased by 25% and the power generation increased by 15%.

## Okayama



## Miyakojima



## Fukuoka



## kagoshima





1GW Pipeline in Indonesia

Qualified applicant for IPP renewable energy shortlist company(DPT)and eligible for futher procurement process

## First Floating Power Plant



ZNShine cooperates with local public trading company, Indorama, JASA TIARA.

The total capacity is up to 10MW.

The project has been completed and connected to the grid in July 2015.

# ZNSHINE Worldwide: Iran



Energy  
Tuesday, December 05, 2017

## Iran, Asian Consortium Sign Solar Joint Venture

A consortium of Chinese and Hong Kong companies has signed an agreement with Iran's Industrial Development and Renovation Organization for a joint venture to produce solar photovoltaic panels in Iran.

The preliminary deal with China's Sunshine Solar Technology and Kanda Energy of Hong Kong calls for establishing an automated production line for solar panels, a statement on IDRO's website announced.

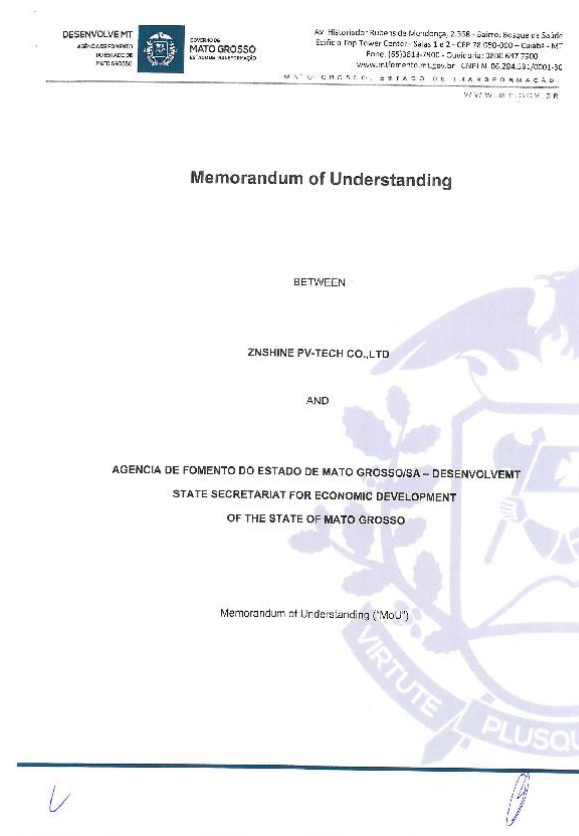
The agreement is expected to be finalized in a month, with IDRO having a 30% stake in the project.

Fardad Daliri, deputy for Advanced Industries Development at IDRO, said the joint venture will also serve as a platform "to expand research and development in solar power".





## OU Between ZN and MT Brazil

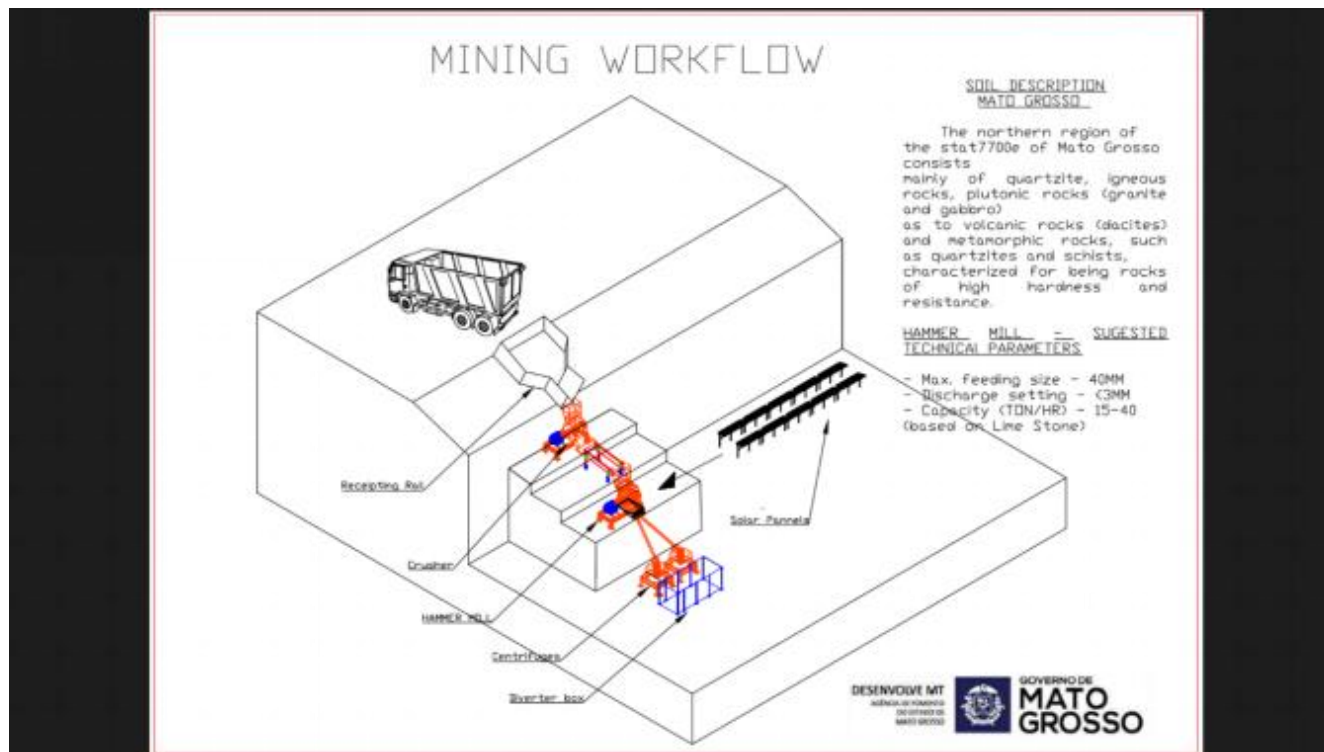


Nov.8<sup>th</sup>, 2017, ZNSHINE as the only solar company signed the MOU of 300MW solar project with the president of Mato Grosso Brazil.



GOVERNO DE  
**MATO  
GROSSO**

## 300MW Mining Solar Plant Solution



## Mining machines workflow and 1MW demonstration solar power plant design

# ZNSHINE Worldwide: Europe & USA



# ZNSHINE Worldwide: Europe & USA



# ZNSHINE Worldwide: Pakistan



# ZNSHINE Worldwide : Thailand



Thailand: The project is underway.....

# ZNSHINE Worldwide : China



# ZNSHINE Worldwide : China



# Major Clients

# 06

# China Main Clients



# Overseas Main Clients



正

Zhèng

***Fairness***

*Do the right thing*

信

Xìn

***Trust***

*Reliability*

**= Z(EN) SHINE**

Thanks!

