



Global Leading Total Solutions  
Provider for Solar Energy



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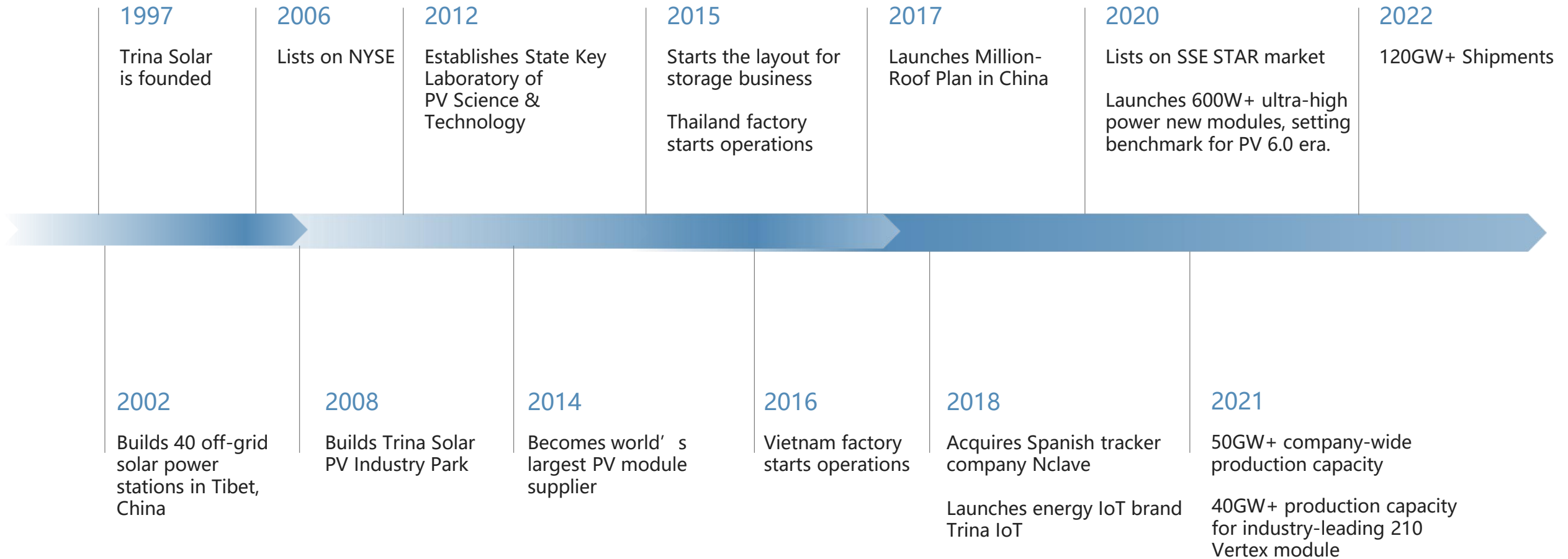
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# ABOUT TRINA SOLAR

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# Milestones





# Globalization



# Brand Reputation



United Nations BlueSky Award for  
Leading Technology

Bloomberg

World's Most Bankable  
Module Brand

BCG

Boston Consulting Group  
Global Tech Challenger  
Top 100



World IoT Convention  
Top 500



China Grand Awards  
for Industry



Global New  
Energy  
Company Top  
500



China's Manufacturing  
Industry Top 500

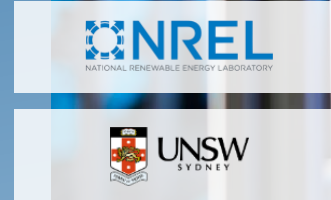


China's Private  
Company Top 500



Hurun  
China  
Top 500

# Innovative Leader



## Formulation of Standards

Industry standards led on or participated in  
110

Standards issued  
105

First to propose and publish  
IEC international standards



## Laboratory Accreditations

World's first  
TÜV Rheinland IEC certified witness  
test laboratory

World's first U.S.-accredited  
UL 61730 witness test laboratory



## R&D Results

Number of patent applications  
2400+

Proportion of invention patents  
50%

Cumulative R&D investment  
RMB 12+ billion (2010-2021)

# Business and Achievements



120GW+  
Shipments



9.5GW+  
Grid-connected



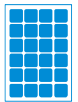
150+  
Countries



23,000+  
Employees

By the third quarter of 2022

## Solar Products



PV Module



TrinaTracker

## Solar Projects



Utility Scale



Distributed Generation

## Smart Energy Solutions



Energy IoT



Energy Storage System



# ABOUT ISBU

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# Trina Solar Project Business Overview



9.5 GW+

Project Completed



20 Years +

Development Experience



20 +

Active Countries



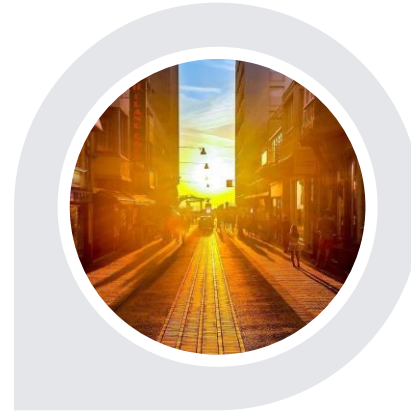
600 +

Team Members

## A Global Leader in the Development and Management of Solar Projects

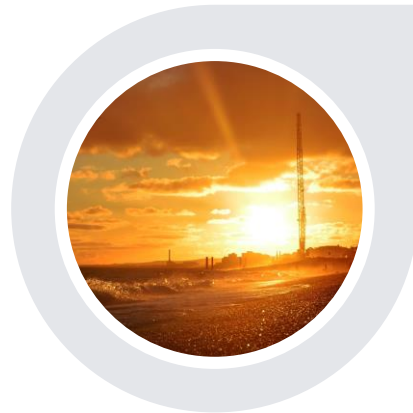
### Global Leading Project Development

- Active in more than 20 countries
- Strong global network and resources
- Fully localized professional team
- Comprehensive and in-depth know-how



### Top-class Project Management

- Tier 1 quality standards
- Strong in-house capabilities
- Systemic and digitalized project management
- One-stop service for entire project life circle



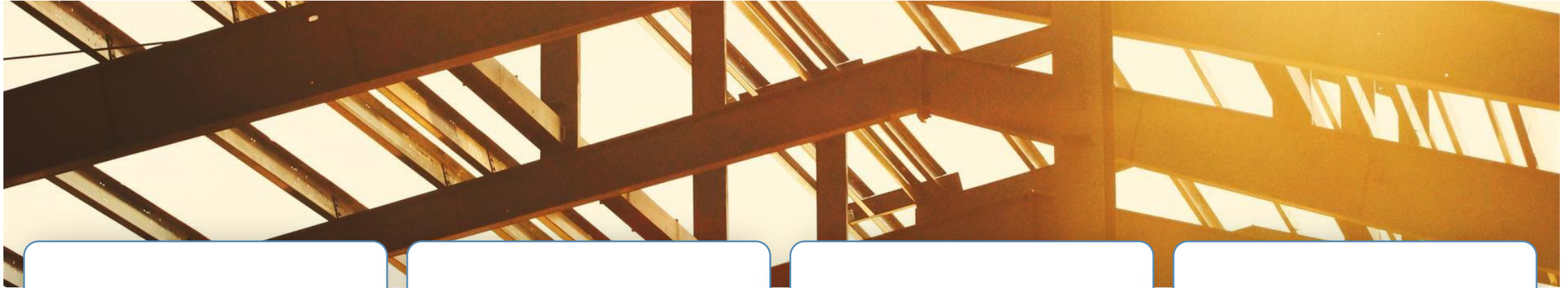
### Best Project Opportunities

- Diversified portfolio in geography and timing
- Fully vertical value chain from project development to O&M
- Deliver customer-oriented one-stop solutions

### Solid and Comprehensive Records

- Leading energy total solutions provider
- Driven by innovation and value creation
- Connected diversified projects worldwide

# Global Leading Project Development



## Site Control

- Project opportunity evaluation
- Land survey
- Land identification and development
- Engineering studies and due diligence
- Legal study & market study
- Easement and authorization



## Interconnection

- POI identification
- Feasibility study
- System impact study
- Facility study
- Interconnection agreement



## Permits

- Environmental licenses
- Social authorizations
- Planning consents



## Power Marketing

- Engineering and design
- PPA secure (Utility PPA, Corporate PPA, Merchant PPA)
- Economics analysis
- Project finance



# Diversified Solutions



Floating Project



Agrivoltaic



PV+Fishing



Complicated Topography



Hybrid System



Sand Area



Tracking System



Desert Area

# Full Cycle Value Chain

## Project Development



- Capital budgeting
- Energy yield assessments
- Land identification and development
- Project planning & Permitting
- Legal analysis
- Grid connection

## Financing



- Due diligence
- Financial structuring
- Construction & bridge financing
- Project finance
- Offtake strategy & PPA negotiation

## EPC



- Engineering & design
- Procurement & construction management
- Grid connection
- Commissioning, testing & handover

## O&M and Asset Management



- Corrective and preventive maintenance
- Monitoring and reporting
- Outsourced, all-in service



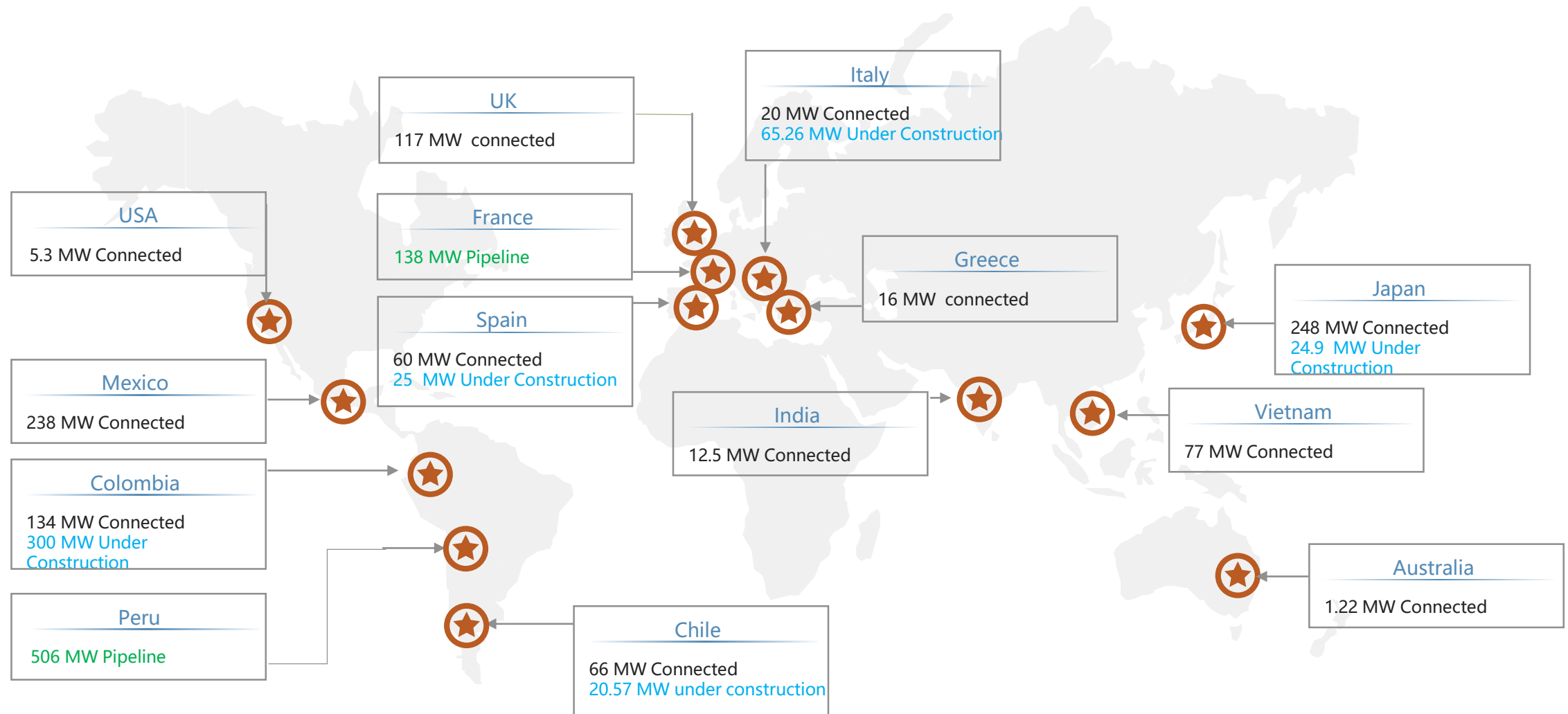
# ISBU Key Milestones



# Global Presence



# Track Records



# Global Partners





# PROJECT RECORDS

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Jianshui, Yunnan Province  
300MW | Ground-mounted





Lianghuai, Anhui Province  
170MW | Floating Project





Tongchuan, Shaanxi Province  
250MW | Ground-mounted





PhongPhu, Vietnam  
42MW | Ground-mounted





Trung son, Vietnam  
35MW | Ground-mounted





West Raynham, UK  
50MW | Ground-mounted





Aguascalientes, Mexico  
133MW | Ground-mounted





Zacatecas, Mexico  
104MW | Ground-mounted





Los Llanos, Colombia  
134 MW | Ground-mounted





Miyagi Kurokawa, Japan  
24 MW | Ground-mounted





27 Islands Micro-Grid System, Maldives  
5.8MW PV+ 5.1MWh Li-ion ESS+3.4MW Diesel Generator





El Olivillo, Chile  
10.4 MW | Ground-mounted



California, USA  
4.2 MW | Ground-mounted



Tottori Yonago, Japan  
4 MW | Ground-mounted



Yamagata Kawanishi, Japan  
25.41 MW | Ground-mounted





**Trina**solar

Power Beyond Solar