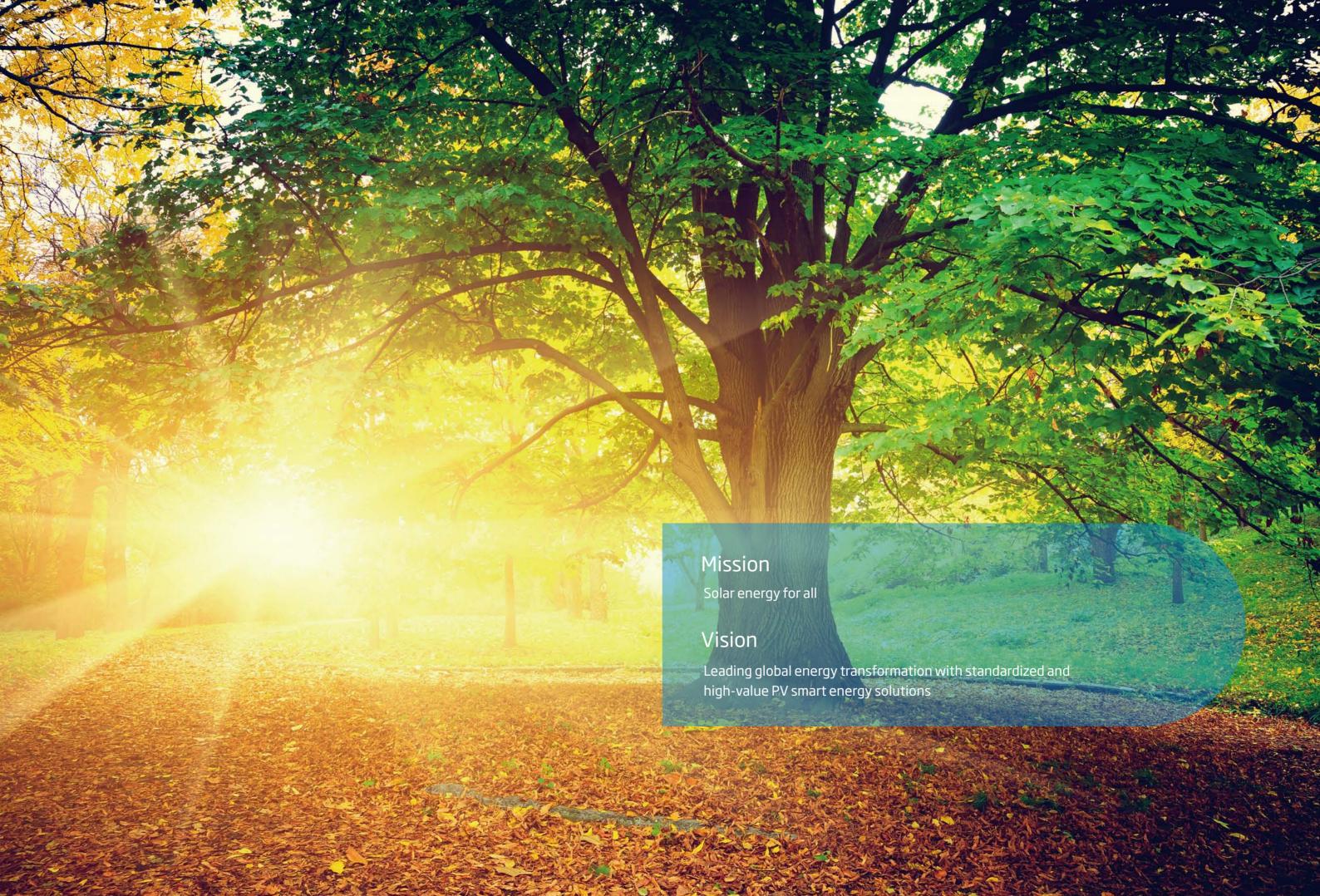
www.trinasolar.com



The World Leading PV

and Smart Energy Total Solution Provider







About Trina Solar

Founded in 1997, Trina Solar is the world leading PV and smart energy total solution provider. The company engages in PV products R&D, manufacture and sales; PV projects development, EPC, O&M; smart micro-grid and multi-energy complementary systems development and sales, as well as energy cloud-platform operation. In 2018, Trina Solar launched Energy IoT brand, established the Trina Energy IoT Industrial Development Alliance together with leading enterprises and research institutes in China and around the world, and founded the New Energy IoT Industrial Innovation Center. With these actions, Trina Solar is committed to working with its partners to build the energy IoT ecosystem and develop an innovation platform to explore New Energy IoT, as it strives to be a leader in global smart energy. In June 2020, Trina Solar listed on the STAR Market of Shanghai Stock Exchange.



60GW+

Modules



3GW+

Grid-connected



100+

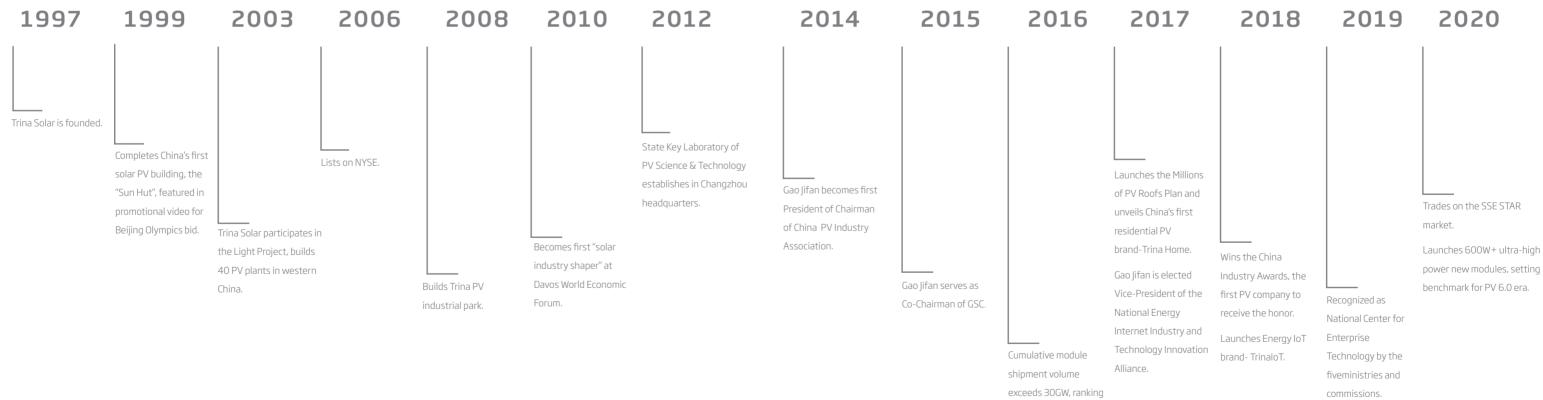


15000+ Employees



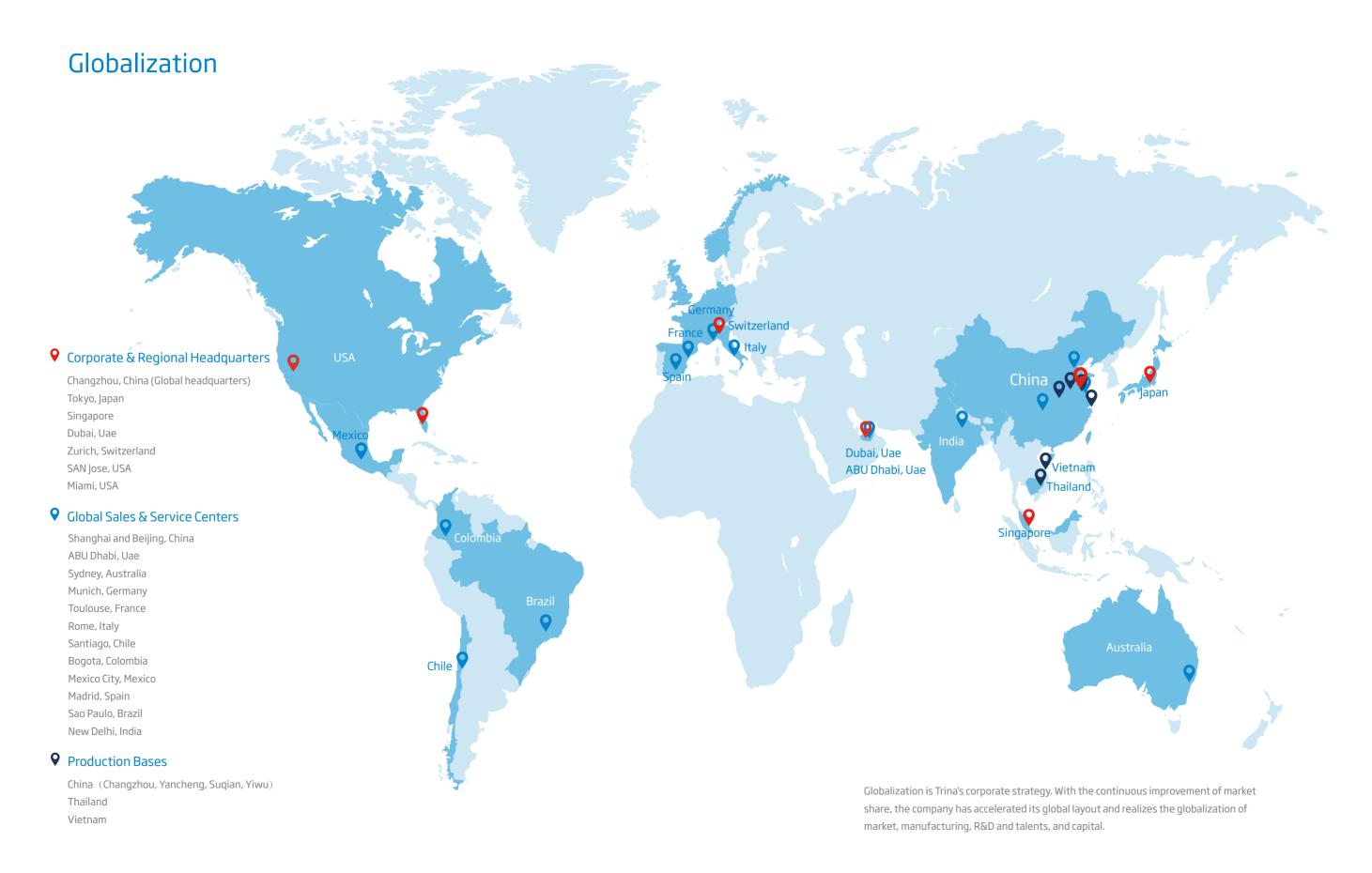
6 Production bases





03

first in the world.









Product Innovation

State Key Laboratory of PV Science & Technology establishes



Smart Energy Systems Innovation

State Enterprise Technology Centr



Energy IoT Innovation

New Energy IoT Industry Innovation Centre



Trailblazing Manufacturing

As the industry is upgraded, automated, smart and flexible PV manufacturing, together with virtual factories, are the key upcoming trends. Trina Solar has both ERP and intelligently interconnected big data systems, and is currently actively exploring and implementing smart manufacturing process workflows, stepping up the pace as it leads the industry into the Smart Manufacturing age.

Looking to the future, Trina Solar aims to use its automated equipment and informatized systems to realize an integrated smart manufacturing system that incorporates smart production, coordinated decision-making, intelligent interconnection of things, synergized planning, quality control and smart warehousing in a single entity. Product channels and fields of operation will be defined by the use of smart techniques, which will help identify opportunities to optimize and prioritize particular areas of the business, to assess the company's current operational capacity, and to constantly add value for customers, all while ensuring Trina's own sustainable development.





Our Business







PV Products



System Solutions



Utility project



TrinaPro



Distributed PV system

Smart Energy



Energy storage system



Energy cloud-platform



Distribution networks

11 12

Module Products

Duomax V , Tallmax V

- •21% high efficiency
- •210mm large-size silicon wafer and 1/3-cut design
- •MBB and high-density encapsulation technologies
- •Lower LCOE and BOS cost



Duomax Twin

- •High-efficiency PERC mono bifacial power generation
- Double glass technology
- •Effectively improves system power generation
- •Backside power generation Increases by up to 30%



Duomax, Duomax M

- Variable PV application scenarios:
- •Ground mount
- Floating system
- Fisheries and agriculture
- Carport
- Rooftop



Honey Black M

- •Designed for high-end residential market
- •Half-cut and MBB technology



Tallmax, Tallmax M

- •Designed for utility and commercial market
- Mono half-cut module
- •Specific BOM is adopted in different climate zones to ensure power generation in the whole life cycle



▶ From 2016 to 2020, Trina Solar has been recognized as a top bankable module supplier by Bloomberg New Energy Finance (BNEF), five times in a row. Relying on its two state-level innovation platforms, the State Key Laboratory of PV Science and Technology and the New Energy IoT Research & Development Centre, and quality equipment, mature processing experience, and integrated innovation advantages, Trina Solar has integrated advanced technologies for large silicon wafers, half-cut cells, N-type cells, bifacial cells, double glass and MBB into its newly launched new generation of modules tailored to meet various market demands. In July 2020, the company presented the first modules to ever have an output of over 600W, pioneering the 6.0 era of PV energy with the Vertex module.

France's first floating solar power station in Piolenc, south-eastern area of Vaucluse













Cloud Platform



TrinaloT is Trina Solar's intelligent loT cloud platform brand. Drawing on Trina Solar's wealth of experience in the new energy industry, combined with loT sensor technology and internet big data technology, it uses Trina's independently developed PAAS platform and versatile SAAS application to create a flexible modular composite, providing energy internet solutions and industrial and commercial loT solutions for customers in various fields.

The company has created its own integrated energy IoT solution, combining Generation, Storage, Distribution, Use and the Cloud, which is based on the energy IoT platform and incorporates applications including MOTA comprehensive energy management, distribution plant surveillance, a PV cloud and an electricity sales cloud. This unique take on a smart energy IoT system affords complete access to power generation, energy storage, distribution grid and energy use terminals, connecting energy flows, information flows and value flows, to create a brand-new "three-in-one" energy IoT system.

TrinaloT provides users with one-stop industrial and commercial IoT solutions, enabling them to implement device management, efficiency management, energy resource management and platform management. It makes use of big data and AI to constantly seek out new customer value and added-value services, which helps industrial and commercial customers to digitize their operations, assists companies in the process of transformation and upgrading, and boosts their competitiveness.



Recognitions



Trina Solar Chairman and CEO GaoJifan with President Xi Jinping at the Boao Forum for Asia in April, 2013



Vice President Wang Qishan (then Vice Premier of the State Council) visits Trina Solar in July, 2012.



Hu Chunhua, member of the Political Bureau of the CPC Central Committee and Vice Premier of the State Council, visits Trina Solar in May, 2018.



Member of the Political Bureau of the CPC Central Committee Li Qiang (then Secretary of Jiangsu Provincial Party Committee) visits Trina Solar in July, 2016.



Trina Solar Chairman and CEO GaoJifan with Premier Li Keqiang at the Boao Forum for Asia in March, 2016.



Trina Solar Chairman and CEO GaoJifan with German Chancellor Angela Merkel at the Sino-German Business Leaders' Forum in August, 2012.



Trina Solar Chairman and CEO GaoJifan meets Wang Yang, member of the Standing Committee of the Political Bureau of the Central Committee and Chairman of the CPPCC National Committee (then Vice Premier of the State Council), during his study tour to Jiangsu in July, 2013.



Trina Solar Chairman and CEO GaoJifan talks with Chen Min'er, Member of the Political Bureau of the CPC Central Committee (then Party Secretary of Guizhou Province), at the Eco Forum Global Guiyang in June, 2017.

Cooperations



On 10 June 2020, Trina Solar issues first A-Shares on Shanghai Sci-Tech Innovation Board, becomes the first PV product, PV system and smart energy company listed on the Shanghai Stock Exchange Science and Technology Innovation Board, also known as the STAR MARKET.



Trina Solar starts cooperation with Siemens to co-develop the energy IoT globally.



Trina Solar announces the successful acquisition of Nclave, a Spanish PV tracking systems provider.



A third-market project co-developed by Trina Solar and Mitsui is recognized by the heads of both countries.



Trina Solar signs a strategic cooperation agreement with the British company Sunamp.



Trina Solar presents the first modules to ever have an output of over 600W, pioneering the 6.0 era of PV energy with the Vertex module



Brand Reputation

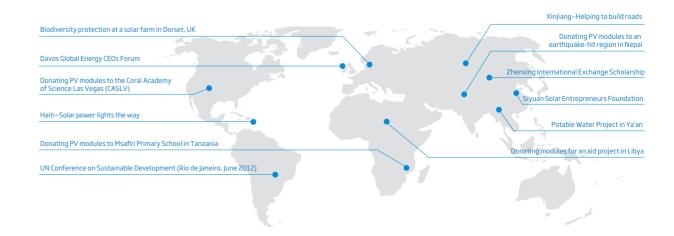
Trina Solar consistently adheres to six key strategies: innovation, branding, globalization, platform development, smart technologies, and synergy between the financial and industrial sectors. The company is driving industry growth in terms of standards of innovation, economic returns, product quality and environmental safety. Thanks to its outstanding technical innovation capabilities, the unparalleled extent of its global expansion, and its contribution to the healthy development of the industry, Trina has built a peerless brand reputation and collected numerous domestic and international awards.



Social Responsibility

Awarded the EcoVadis Gold CSR award for 2 years running

Giving back to society is an unerring theme of Trina Solar's own development and wherever it is in the world, the company fulfill its responsibilities and duties as a corporate citizen. The company was recognized for two years running with the EcoVadis Gold CSR award.



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