Trina Solar Co., Ltd

2021 Environmental, Social and Governance (ESG) Report

Introduction

The scope of this report

As a global leading provider of photovoltaic smart energy solutions, Trina Solar has always prided itself on its diligence in fulfilling its corporate social responsibility. Since 2011, it has continuously prepared and published the Annual Corporate Social Responsibility Reports. The last report one was published in June 2021.

The reporting period is from 1st Jan. 2021 to 31st Dec. 2021, covering the global factories and operational business units in which Trina Solar has direct operational control. The report contains information on Trina Solar's management methods, activities, initiatives, and key indicators in environmental, social and governance (ESG) aspects in 2021.Trina Solar is committed to providing information to its stakeholders, incl. shareholders, potential investors, customers, employees, business partners, public welfare organizations, media, and the government, to help them understand and assess Trina Solar's influences, risks and opportunities in sustainable development.

The data of this report covers the period from January 1, 2021, to December 31, 2021, with some content exceeding the above time range.

Principles for the preparation of this report

This report is prepared in accordance with the "Guidelines on Environmental Information Disclosure Guidance for Listed Companies" by the Shanghai Stock Exchange, the "Guidelines for Environmental, Social and Governance Reporting" by Hong Kong Stock Exchange, and the "Guidelines for Social Responsibility of Listed Companies" by Shenzhen Stock Exchange. Meanwhile, the "ESG Assessment Guidelines" by China Biodiversity Conservation and Green Development Foundation Group and the "Guidelines for Corporate ESG Evaluation (Trial Version) of Tianjin were also referred during the preparation period.

Data Source

The data in this report mainly comes from the original records of the company's operations. The information herein has been reviewed internally by the company and approved by the management; and some specific contents have been reviewed externally. We will regularly verify the effectiveness of the data collection process and data management system. Trina Solar passed the ISO 14001 certification of environmental management system in 2008; the OHSAS 18001 certification (now: ISO 45001) certification of occupational health and safety management system in 2010; the ISO 14064 verification of the quantitative system of GHG emissions and elimination at the organizational level in 2011 and began the PAS 2050 certification of product carbon footprint in 2012. It also passed the ISO 50001 certification of energy management system in 2015. We verify the effectiveness of these systems through annual external audits.

The form of publication of this report

This report is published in electronic form. If you have any questions, suggestions, or comments on it, please send an email to ESG@trinasolar.com.

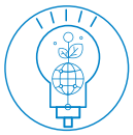
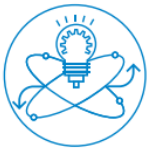
Appellation

For ease of expression and reading, Trina Solar Co., Ltd in this report hereinafter is also referred to as Trina Solar, our company, our group, or "we".

Company Profile

Company Name：	Trina Solar Co., Ltd	Chairman：	Gao Jifan
Headquarters：	Changzhou, Jiangsu, China	Listed Exchange：	Shanghai Stock Exchange
Date of Establishment：	December 1997	A Share Code and Abbreviation：	688599 Trina Solar

2021 Annual KPI Overview

Financial Performance	 Operating Income (million RMB) 44,480	 Net Profit Attributable to Parent (million RMB) 1,804	 Basic Earnings per Share (RMB/share) 0.87	 Weighted Average Return on Equity (%) 11.27
Environmental Performance	 Domestic Clean Energy Power Generation (million kWh) 1,090	 Material Environmental Breach (times) 0	 GHG Emission per unit Output (tCO_2e/MW) 38.93	 Power Consumption per MW Module (MWh/MW) 51
Social Performance	 Number of Employees (p) 17,586	 Number of Professional Safety officers (p) 83	 TRR in 2021 0.389	 Employee Training (h) 92,605
	 No Child Labor and Forced Labor	 Number of Suppliers: 1000+ Supplier Types: 80+	 The recovery rate of packaging materials is about 80%	 Public Welfare Donation (million RMB) 7.3

Note: For the chapters of all KPIs, please refer to the chapters listed in the ESG index in the appendix.

Message from Leadership

Dear stakeholders:

Looking back on 2021

The year 2021 was extraordinary. The "black swan" of epidemic has not gone away, while the "great era" of industry is coming. Challenges and opportunities constitute our continuous struggle day and night. In 2021, we lived a fulfilling and determined life. Trina Solar's dream of " Solar Energy for All" is always clear and powerful.

Trina Solar has always been actively undertaking the corporate social responsibility and working with all stakeholders to contribute more to low-carbon, green and sustainable development!

Green Development, Share the Responsibility, Create and Share Value Together

As a global leading provider for photovoltaic module and smart energy solutions, Trina Solar takes “Solar Energy for All” as its mission, adheres to the concept of green development, and protects the green mountains and clear water by using green energies.

As of the disclosure of the 2021 ESG report, Trina Solar has delivered more than 100 GW of solar modules which is equivalent to the capacity of 4.4 Three Gorges Hydropower Stations, 7.29 billion of trees planted around the world, and bringing clean energy to more than 100 countries and regions. In 2021, Trina Solar was committed to the construction of the green factories, which caused, the carbon emission intensity dropped by 32.2%, the sewage discharge reduced 2,500 tons, the water consumption saved 777,100 tons, and 1,023.18 tons of the waste reduced, when compared with 2020. Trina Solar joined the global Science Based Targets initiative (SBTi) to pursue efforts to limit global temperature rise 1.5 ℃ with practical actions, and is committed to protecting the earth with clean energy.

Governance Optimization, Strive for Excellence

In abiding to the core values of " focus on the customer, persist in open innovation, persevere through dedication and hard work, strive for excellence, share the responsibility create and share value together”, Trina Solar has continuously strengthened the construction of the company's integrity system and improved the level of corporate governance, so as to build foundation for various business development.

As a "State Key Laboratory of PV Science and Technology", Trina Solar has outstanding innovation strength and excellent corporate governance. Before the release of 2021 ESG report, Trina solar has broken and refreshed the world record 23 times in field of conversion efficiency of solar cells and PV module output power, and applied more than 2,300 patents, which is ranking No.1 in the industry. Trina solar has been awarded the PVEL’s global "Top Performer" module manufacturer for seven consecutive years, and was the first company that won the National Technological Invention Award in the field of PV technology in China, ranked among CCTV’s list of "Top 50 Valued Enterprises". Trina Solar scores 100% in BNEF Bankability Survey and is now the only module manufacturer to be rated as bankable for six consecutive years. Trina Solar was selected into the list of "top 100 innovators in global energy transformation" by Reuters, becoming the only enterprise selected in China and one of the few selected enterprises in the Asia Pacific region. It was rated as excellent in the "Notice of 2021 Evaluation Result of National Enterprise Technology Center" by National Development and Reform Commission, entered the top 20 in China and No. 1 in Jiangsu Province. Trina Solar was also ranked No.1 during the evaluation of PV generation enterprises this time.

Giving back to society and pursuing progress together

As a social responsibility corporate, Trina Solar never forgot to provide various benefits to the people and to the society during its operation and developing. Trina Solar donated 5 mil. RMB to Henan Province for their disaster relief and reconstruction afterwards; constructed the "Green benefits – Mekong-Lancang Cooperation (MLC) PV Off-grid Power Generation Project" in Cambodia for providing clean power to local schools. We also donated a total of 350 sets home appliances (1,050 pieces), with value of nearly 1.8 million RMB, to 350 villagers who chose to buy houses for the "Western Wuzhen" project, etc. We will implement poverty reduction, promote rural revitalization and contribute to common prosperity.

We pursued altruism over selfishness. Only if it is beneficial to customers, can we achieve sustainable development; only if it is beneficial to the industry ecology, will there be more partners. Therefore, we will contribute more and pay more for our peers and customers; and we will unite more closely rather than combat.

Strengthen the reform to drive innovation and keep stability to lead a long-term success. In 2021, we would like to thank all of friends who have given us care and supports, and also every striver of Trina, who made Trina's business go to a new victory!

Looking forward to 2022

Explore the light resources that granted by the nature and innovate the science and technology for better future! 2022 is the 25th year of Trina's business. The International Renewable Energy Agency predicts that the global installed photovoltaic capacity will exceed 14,000 GW in 2050, and China's new energy power generation will exceed 1 trillion kilowatts for the first time. We clearly aware that the more supreme the mission is, the greater our responsibility there will be.

Friends and strivers, a new journey has begun, and a new scroll has been rolled out. Let's seize the day and live it to the fullest to pursue our dreams!

Gao Jifan, Chairman and CEO of Trina Solar

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About Trina Solar

0.1 Company Profile

Founded in 1997, Trina Solar Co., Ltd. (Stock Abbreviation: Trina Solar; Stock Code: 688599) is the world's leading provider of photovoltaic smart energy solutions, with business covering the R & D, production, and sale of photovoltaic modules, power plant and photovoltaic system, photovoltaic power generation and operation and maintenance services, the development and sale of smart micro-grid and multi-energy complementary systems, the operation of energy cloud-platforms, etc. On 10th June 2020, Trina Solar landed in the A-Share market and was listed on the Shanghai Stock Exchange's Sci-Tech Innovation Board ("STAR Market"), as the first PV product, PV system, and smart energy company listed on the STAR Market.

The "State Key Laboratory of Photovoltaic Science and Technology" established at Trina Solar, is one of the first national key PV laboratories in China that was recognized by Ministry of Science and Technology. To establish "Trina Solar - Digital Energy Research Institute", which is linked with the "State Key Laboratory of Photovoltaic Science and Technology", will lead innovation, and build an integrated platform for innovation and Entrepreneurship, enabling the "colleges and universities - scientific research - Industry - Finance" exchanged freely. Trina Solar cooperates with world-class R&D, Certification Testing Institutes, establishes a technical innovation team with outstanding scientific researchers from domestic and overseas，and leads Chinese photovoltaic enterprises in participating in the formulation of international standards. Trina Solar has become an innovation leader and standard setter in the global solar energy industry. The amount of invention patents ranks in the forefront of the photovoltaic industry. So far, the "State Key Laboratory of Photovoltaic Science and Technology" has set and refreshed 23 world records in the field of PV cell conversion efficiency and PV module output power.

In 2018, Trina Solar won the "China Industrial Grand Prize", being the first photovoltaic company to receive this honor. Trina Solar focuses on investment in safe production, environmental friendliness, and employee health. It ranks among the top three in the global solar energy manufacturer's product safety evaluation and won the Gold Award for two consecutive times during the global corporate social responsibility evaluation organized by EcoVadis, a European third-party independent evaluation agency. Trina Solar launched the 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 intelligent energy.

In 2019, Trina Solar was recognized as the "National Enterprise Technology Center" by five ministries, including the National Development and Reform Commission. Relying on "One Lab and Two Centers" (State Key Laboratory of Photovoltaic Science and Technology, National Enterprise Technology Center, and New Energy IoT Industry Innovation Center), the company increased investment in business R & D, improved and widened the height and breadth of innovation platform, and attracted more high-end talents.

In 2021, Trina Solar won the "National Technology Invention Award" at the "2020 National Science and Technology Award Conference", by the project of "Key Technology and Application of crystalline silicon solar cell manufacturing with high-efficiency and low-cost", which was the first time that China won the National Technological Invention Award in the field of

photovoltaic technology. In the same year, Trina Solar was awarded "the Most Valuable Module Brand" by Bloomberg New Energy Finance (BNEF) for 6 consecutive years.

In February 2022, Trina Solar was selected into the list of "Reuters Top 100 Innovators in Global Energy Transformation", as the only China's enterprise selected and one of the few selected enterprises in the Asia Pacific region. It was rated as excellent in the "Notice of 2021 Evaluation Result of National Enterprise Technology Center" by National Development and Reform Commission, entered the top 20 in China and ranked No. 1 in Jiangsu Province. Trina Solar was also ranked No.1 among photovoltaic power generation enterprises participating in the evaluation.

Globalization is Trina Solar's strategy. Trina Solar began its global layout in its early years. Trina Solar started in Changzhou, Jiangsu Province, and set up a global headquarters here. In 2022, Trina Solar set up an international headquarters in Shanghai for better construction of a global talent team. In recent years, Trina Solar has recruited international high-tech management and R & D talents from more than 30 countries and regions. We set up regional headquarters in Zurich, Fremont (Silicon Valley), Miami, Tokyo, Singapore, Dubai, and offices and branches in Madrid, Mexico, Sydney, Rome etc., and production and manufacturing bases in Thailand and Vietnam, with businesses in more than 100 countries and regions around the world.

By the end of 2021, the company's total operating income was 44.48 billion RMB, a year-on-year increase of 51.20%; Its net profit attributable to the parent company was 1.804 billion yuan, a year-on-year increase of 46.77%; Its basic earnings per share was 0.87 RMB, with a year-on-year increase of 35.94%. As of the disclosure date of 2021 financial report, Trina Solar delivered more than 100 GW of solar modules, equivalent to 4.4 times the installed capacity of the Three Gorges Hydropower Station and contribute GHG emission reductions equivalent to about 7.29 billion trees planted in the world.

Trina Solar takes innovation as its first development strategy and core driving force, builds a comprehensive and leading science and innovation system, continues to promote the research and development of the PV technology innovation industry, and helps accelerate the construction of clean, low-carbon, safe and efficient new energy system. Trina Solar joined the global Science Based Targets initiative (SBTi) to pursue efforts to limit global temperature rise by 1.5 ℃ with practical actions, and contributed to PV industry development. Trina Solar announced to jointly launch the "One More Hour for Clean Energy" activity with WWF, a public welfare sub-project of "Earth Hour", which aims to appeal to all sectors of society to use clean energy, raise people's awareness of using clean energy, and jointly contribute to a carbon-neutral future.

Looking forward to the future, Trina Solar will uphold its mission of "Solar Energy for All", with the guidance of the enterprise's core values of "focus on the customer, persist in open innovation, persevere through dedication and hard work, strive for excellence, share the responsibility and create and share value together". Trina Solar will gather all forces with a cooperative and open attitude, lead the development of the industry and contribute to global energy conservation, emission reduction, and sustainable development.

MILESTONES

1997

Trina Solar was founded in 1997 when the Chairman, Mr. Jifan Gao, took inspiration from the Kyoto Protocol and the U.S. Million Solar Roofs Initiative.

1999

Completes China's first solar PV building, the "Sun Hut", featured in promotional video for Beijing Olympics bid.

2003

Trina Solar participates in the Light Project helping to build 40 PV plants in western China.

2006

Lists on NYSE.

2008

Builds Trina PV industrial park

Becomes first "solar industry shaper" at Davos World Economic Forum.

2010

State Key Laboratory of PV Science & Technology establishes in Changzhou headquarters.

2012

Gao Jifan becomes first President of Chairman of China PV Industry Association.

2014

Gao Jifan serves as Co-Chairman of GSC.

2015

Launches the Millions of PV Roofs Plan and unveils China's first residential PV brand- Trina Home.

2017

Wins the China Industry Awards, the first PV company to receive the honor. Launches Energy IoT brand- TrinaIoT

2018

Recognized as National Enterprise Technology Centre by the five ministries and commissions

2019

Trades on the SSE STAR market. Launched Vertex 600W+ ultra-high power modules ,leading the global PV industry into the era of solar 6.0.

2020

Won the first National Technological Invention Award in the field of PV technology in China. Be awarded "top 50 value of The Science and Technology Innovation Board " of CCTV

2021

Globalization

Our business covers more than 100 countries and regions around the world, bringing clean and reliable solar energy to household, commercial and large-scale facilities, for the benefit of all of humanity.

Regional Headquarters	Global Manufacturing Bases	Global Sales and Office Centers
Changzhou (China), Shanghai (China), Miami (USA), Fremont (Silicon Valley, USA), Dubai (UAE), Zurich (Switzerland), Tokyo (Japan), Singapore	Changzhou (China), Suqian (China), Yancheng (China), Yiwu (China), Vietnam, Thailand	Beijing (China), Shanghai (China), Changzhou (China), Korea, Madrid (Spain), Brazil, Mexico, Chile, Abu Dhabi (UAE), South Africa, Germany, Turkey, UK, India, etc.

0.2 Business Sectors

1 Photovoltaic Products: The World's First-Class Manufacturer of Photovoltaic Modules

Vertex 210mm Ultra-High Power Modules

Trina Solar Vertex modules taking use of 210mm cells, featuring high power, high efficiency, high reliability, and high energy yield. Trina Solar applied high -quality equipment resources, mature process experience and industrialization advantages, combined the PERC, n-type, MBB module, half-cut module, double-sided double glass module etc. core technologies of cells and modules, advocated the establishment of "600W + product innovation and open ecological alliance" according to the development needs of the photovoltaic industry. It also improved the supply chain ecology of the photovoltaic industry and worked with the whole industry to move towards a new era of 210 high-efficiency modules. The power of high-efficiency module products covers 410W+, 430W+, 510W+, 555W, 580W+, 600W+, 670W and 690W Vertex 210 ultra-high-power modules on the market, applying in all settings from residential rooftops, industrial and commercial rooftops to large-scale power plants.

TrinaTracker

TrinaTracker is Trina Solar's tracker business brand. TrinaTracker products have four core advantages: high reliability, low operation and maintenance costs, multiple power generation, and unified module tracker channels, and they are core modules of Trina Solar's overall smart energy solution. Global photovoltaic power generation is moving toward the last stretch of rational price. TrinaTracker perfectly matches the mainstream 210mm ultra-high-power modules, which can greatly increase energy yield, reduce levelized cost of energy (LCOE) and increase PV power plant ROI (return of investment). In 2021, 1.8GW TrinaTrackers were shipped, adaptive to large-size high-efficiency cell modules.

2 Photovoltaic System: The World's Leading Provider of PV Smart Energy Solutions

With the business system which focuses on core products such as photovoltaic modules and cells, Trina Solar deepens the expansion of the overall solution of the entire photovoltaic system and provides better service for end users. Over the last two decades, Trina Solar has emerged as a top-tier project developer worldwide, fostering reliable and long-term partnerships. Our downstream project development business segment provides utility and C&I project total solutions and services including project development, design, financing, EPC management, O&M. As of December 2021, Trina Solar's domestic power plant system business exceeded the expectation and achieved the target of 3.5GW + photovoltaic power plant, an increase of 200% over the previous year. As to the overseas power plant system business, Trina Solar achieved a single point breakthrough in many overseas countries, and many projects have been connected to the grid and put into formal operation. With the mission of “Solar Energy for All”, Trina Solar insists on making photovoltaics enter thousands of households through innovation. Thus, Trina’s smart distributed energy was born. This is a business of Trina Sola that focuses on providing small and medium-sized distributed photovoltaic power generation for end users. Around the three core strategies, i.e., brand, product, and service, the Company established a complete system integrating product research and development, market and sale, installation

and after-sale, and intelligent operation and maintenance, built a digital and omnichannel ecological network, and is committed to providing the best clean energy experience for end-users. Relying on the dual-brand system of "Trina Fujia" and "Trina Lantian" accomplished a shipment of more than 2GW.

3 Smart Energy: Global Provider of Energy Storage Integrated Products and System Solutions

Trina Storage，a business unit of Trina Solar, is a global provider of energy storage integrated products and system solutions under Trina Solar. Taking technological innovation as the driving force for development, relying on leading independent innovation capability and rich experience in R&D, it provides customers with complete system solution services throughout the lifecycle which include demand analysis, project design, system integration, commissioning and delivery, as well as providing the customers with highly-efficient and reliable energy storage system products and services.

- In 2021, the Company continued to deeply layout the vertical integration industry, and the 10GWh cell production line and 2GWh module production line, as well as its own system integration capacity, 2GWh, are gradually reaching production capacity.
- The Company formed good synergy with its photovoltaic business customers and developed various energy storage projects with large scale and strong demonstration significance in China.
- Overseas, the Company focused on the large-scale energy storage field in the markets of Britain, Germany, Australia, etc., so as to realize project delivery and greatly improve the overseas orders.

In 2018, Trina Solar took the lead in releasing the Trina energy IoT "Trina IoT" brand, with the mission of helping enterprises realize digital operation and improve management efficiency. The self-developed PaaS platform and various SaaS applications are combined flexibly and modularly to provide integrated energy management systems and “energy+IoT” solutions for customers in different fields. Trina Solar is committed to becoming a first-class overall solution service provider of intelligent IoT application.

0.3 Research and Development System

R&D Institutes

The State Key Laboratory of PV Science and Technology ("SKL PVST"), established by Trina Solar by self-raising 247 million RMB, has a covered area of 15,000 m^2. It was accredited by China’s Ministry of Science and Technology in 2013 and is one of the first national key laboratories in photovoltaics accredited by the ministry. From 2010 to 2021, the SKL PVST had total investment of over **12 billion RMB** in R&D funding. It has become a world-class technical innovation platform and has been cited as an exemplar in its field at the World Economic Forum.

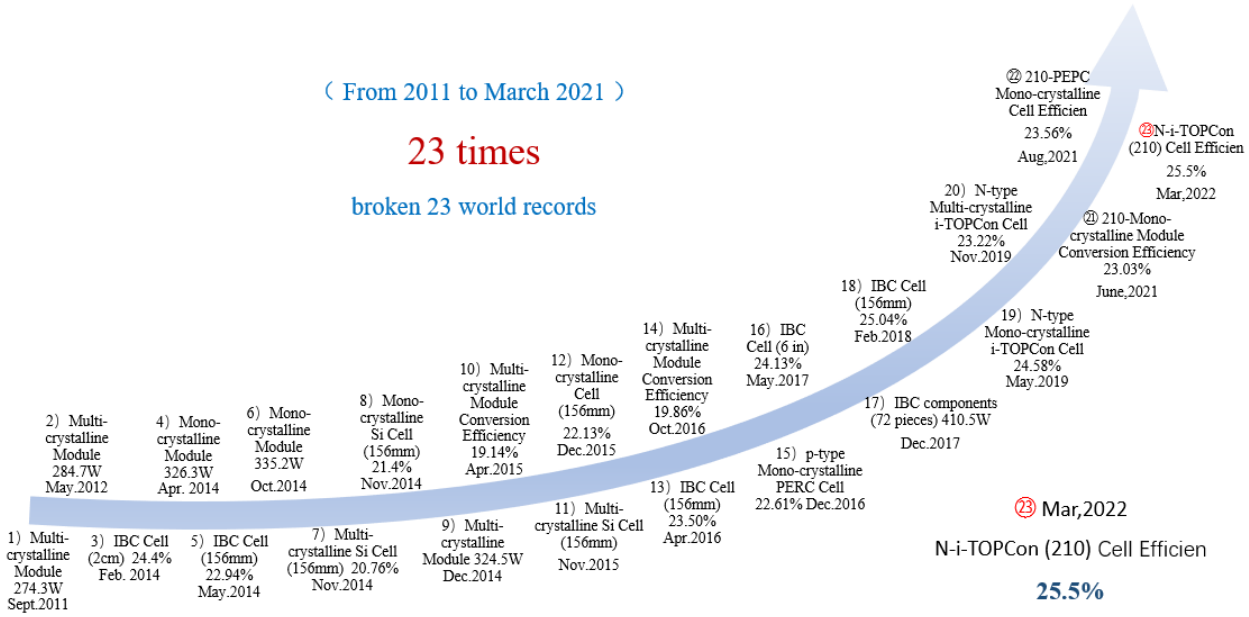
By relying on Trina Solar, the SKL PVST works with international first-class R&D and certification testing institutes and establishes technical innovation teams comprising of domestic and overseas scientific research talents as its backbone. It has broken 23 world records for solar cell conversion efficiency and PV module output power, consolidating and enhancing the Chinese PV companies’ global leadership. The SKL PVST undertakes national scientific research projects, including two national 973 programs, five national 863 programs, six national key R&D programs and more than 60 other scientific research programs. The SKL PVST takes the lead in participating in the preparation of global PV standards and proposes and releases IEC international standards on behalf of China, making it the leader in technology, quality and standards in the PV industry. In 2021, Trina Solar applied for 362 new patents. By the end of 2021, Trina Solar had 988 valid patents, and the number of valid invention patents continued to rank among the leading positions in China's photovoltaic industry.

PV Testing Laboratory

Trina Solar has an internationally first-class PV testing center with improved crystalline silicon module reliability and crystalline silicon solar cell material – physical and chemical testing capabilities. Trina Solar has also established long-term strategic collaboration with internationally renowned certification and testing organizations. The testing center has been honored with a series of accreditation, including as a CNAS certified laboratory, a TÜV PV first TMP laboratory, a CGC WMT laboratory, a TÜV CTF laboratory, a CSA WMTC laboratory, a TÜV Nord CTF laboratory, a global first UL 61730-2 laboratory, and a TÜV Sud CTF laboratory.

Trina Solar's World Records

Since 2011, the Company and the SKL have broken 23 world records in respect of solar cell conversion efficiency and PV module output power, becoming the first institute in China that is listed in the world's most authoritative PV cell development map.



In 2021, 7 standards that Trina Solar led to develop or participated in developing were published:

(1) In March 2021, one SEMI International Standard titled "Specification for Structural Silicon Adhesive for the Back Rail Fixture in PV Modules" (Standard No. SEMI PV98-0321) that Trina Solar led to develop, and two SEMI International Standards titled "Specification for Silicon Wafers for Use in Photovoltaic Solar Cells" (Standard No. SEMI PV22-0321) and "Classification of Building Integrated Photovoltaic (BIPV) " (Standard No. SEMI PV99-0321) which Trina Solar participated in developing, were officially released and implemented as unified technical specifications worldwide.

(2) In March 2021, one National Standard titled "General technology requirements for photovoltaic module recycling and recovery" (Standard No. GB/T 39753-2021), which Trina Solar participated in developing, was officially released and has been implementing nationwide as a unified technical specification since February 2022.

(3) In October 2021, three Group Standards titled "Glass for photovoltaic modules-Part 1: Front plate anti-reflective coated glass" (Standard No. T/CPIA 0028.1-2021), "Glass for photovoltaic modules - Part 2: Back plate augmented reflective coated glass for double-glass module" (Standard No. T/CPIA 0028.2-2021), and "Film for backsheet of photovoltaic modules - Part 2: Polyethylene terephthalate film" (Standard No. T/CPIA 0029.2-2021) were officially released and have been implementing as a unified technical specification within the group since November 2021.

In 2021, Trina Solar received many awards for its outstanding technology and research capabilities:

No.	Description of Award	Awarded by	Award Time
1	The First Prize of the 28th Jiangsu Enterprise Management Modernization Innovation Achievement	Jiangsu Enterprise Management Modernization Innovation Achievement Examination and Approval Committee	December 2021
2	National Technological Invention Award (Second Prize)	State Council of the PRC	November 2021
3	The 1st Jiangsu Science and Technology Innovation and Development Award (Outstanding Enterprise)	People's Government of Jiangsu Province	July 2021
4	Top 10 Scientific and Technological Innovation Brands	Jiangsu Brand Association	May 2021
5	Trina Solar 210 Supreme Technology Platform: Annual Technology Award	Optical Energy Cup Selection Committee	March 2021
6	2020 Jiangsu Top 100 Innovative Enterprises (the 5th Place)	Jiangsu S&T Development Strategy Research Institute	March 2021
7	2020 Jiangsu S&T Award (Second Prize)	People's Government of Jiangsu Province	January 2021

0.4 Corporate Culture

Mission: Solar Energy for All

Vision: Creating a Carbon-Free New Energy World

Core Values: Focus on the Customer, Persist in Open Innovation, Persevere through Dedication and Hard work, Strive for Excellence, Share the Responsibility, and Create and Share Value Together

We thoroughly reassessed our values to help employees understand the advantages and improvements of the cultural core values in practice, and to formulate personal cultural promotion plans to promote employees' continuous improvement. We continue to carry out "Looking for Trina Star" project to encourage employees to find excellent employees around, to internalize Trina 3.0 core values and present them in practice.

Communication of Corporate Culture

To integrate the core values of CODES into every Trina employee's daily behavior, and turn words into actions, we take actions every year to ensure that core values are rooted in all aspects of our business, to ensure that we maintain unity of thought and action in our daily operations, and to provide effective services to our customers in a consistent way.

01 GOVERNANCE RESPONSIBILITY

While pursuing high quality and sustainable improvement, Trina Solar implements the requirements of regulators further improving the quality of listed companies. In practice, our company always optimizes the governance structure and standardizes the management of the board, thus improving the management ability. We also continuously improve the quality of information disclosure and establish an integrated and standardized image of a listed company. Besides, our company has established a complete internal audit process, implemented anti-corruption, anti-bribery and anti-unfair competition policies, and continuously paid attention to the needs of interested parties. These can provide the most solid foundation for our company's long-term sustainable development.

Ten Principles of the UN Global Compact		Our Actions
Anti-corruption	Principle 10: Enterprises should oppose all forms of corruption, including extortion and bribery.	Our company insists to operate in good faith by law and opposes improper behaviors such as commercial bribery with external stakeholders. It is forbidden for employees to transfer benefits directly or indirectly to stakeholders. Corruption and fraudulent behaviors are strictly investigated and punished with a "zero tolerance" attitude.

United Nations Sustainable Development Goals (SDGs)		Our Actions
	SDG 12: Adopt sustainable consumption and production patterns.	• Optimize the corporate governance structure and standardize the management of the board. • Pay attention to the quality of information disclosure and improve the fairness and transparency of information disclosure. • Establish an effective mechanism against corruption, bribery, and unfair competition. • Encourage stakeholders' participation.

Chapter 1 Governance Responsibility

1.1 Optimize Corporate Governance Structure

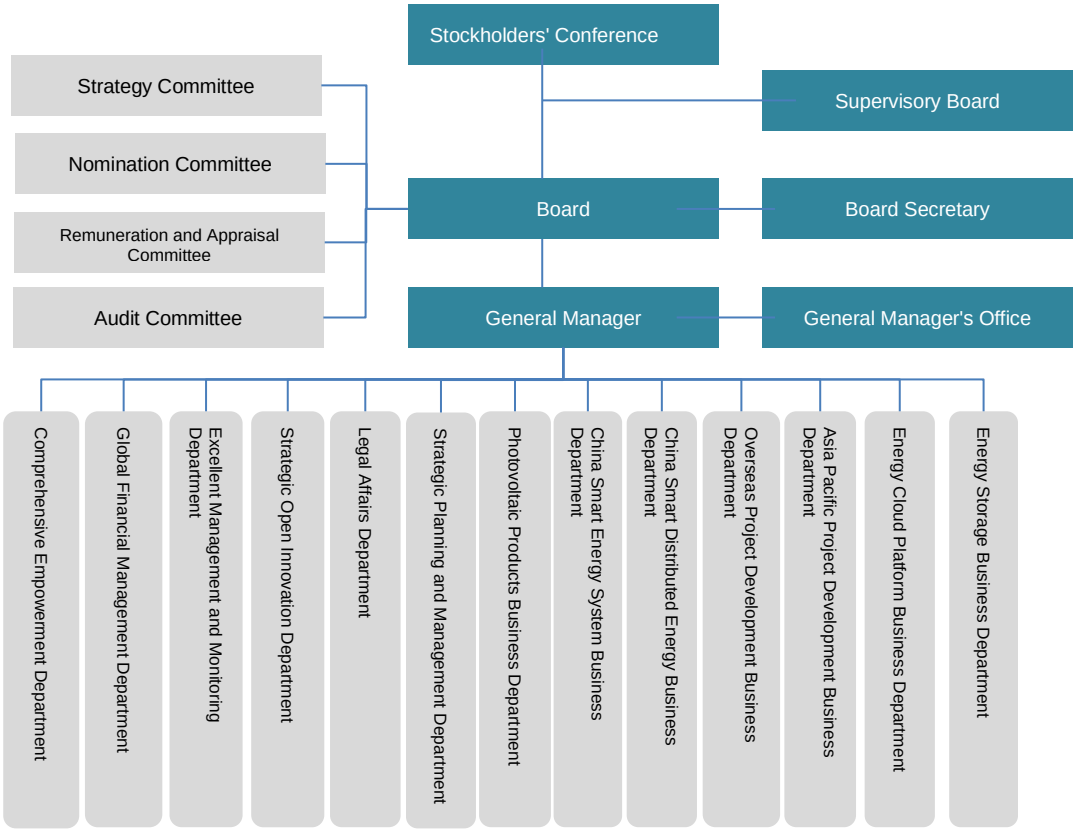
1.1.1 Board Statement

In strict compliance with the requirements of laws, regulations and normative documents such as *the Company Law*, *the Securities Law*, and *the Rules Governing the Listing of Stocks on the Science and Technology Innovation Board of Shanghai Stock Exchange*, Trina Solar constantly improves its corporate governance structure to ensure that shareholders can fully exercise their rights, the board of directors can fulfill its functions and powers in accordance with laws, regulations and the articles of association of the company and make decisions in a reasonable, responsive and prudent manner, the independent directors can conscientiously perform their duties and safeguard the interests of the company, especially the legitimate rights and interests of the small and medium shareholders, the board of supervisors can independently and effectively exercise the supervision and inspection power over directors, managers, and other senior management personnel and the company's finance. At the same time, our company has always been committed to fulfilling our commitment to environmental and social responsibility. The top management defines the company's environmental, social, and governance responsibilities by signing and issuing "quality policy", "environment, occupational health and safety, energy management policy" and "product stewardship policy", so as to continuously create value for all stakeholders.

1.1.2 Governance Structure

Since 2017, Trina Solar has continuously optimized its organizational structure and strengthened business teams' operational awareness and ability by establishing operations profit examination units for business departments, clarifying the examination targets and incentive measures, and simplifying flows. It has also intensified customer and market-focused awareness and dealt with market changes in a more agile and flexible way, thus being responsive to customer needs. It can support the business department more quickly and effectively by sharing resources with the business team ahead. At the same time, our company ensures an effective balance between business growth and risk control through effective monitoring. Such optimization reinforces our company's overall operational awareness and how it deals with customers, accelerates the speed of response to the markets, and improves the professional capabilities of functional departments.

The corporate governance structure is as follows:



The Board has set up Strategy Committee, Audit Committee, Nomination Committee, and Remuneration and Appraisal Committee. To ensure the smooth functioning of each committee, the Board also has formulated corresponding rules of procedure for each special committee. Functions include:

(1) Development Strategy

As the world's leading provider of PV smart energy solutions, our company always has a vision of creating a carbon-free new energy world. Its main business includes PV products, PV systems, and Smart energy. In the future, our company will not only continue to consolidate and enhance the brand's leading position of the PV module business in the global market and strengthen the development of the PV system business, but also actively explore and innovate in the Smart energy business and promote the development of energy in the direction of low-carbon, decentralized and intelligent. In sum, we aspire to lead the development trend of new energy and become the leader of PV Smart energy.

Our company has formulated the Working Rules of the Strategy Committee of the Board, which specifies that the board and its strategy committee are responsible for the development strategy management of our company. In addition, the strategic planning and management department has been established as a strategic management organization to fulfill the responsibility of strategic management. Considering uncertainties that may exist or face in the internal and external strategic environment and operating environment, we reasonably avoid strategic risks and fully seize strategic opportunities through effective strategic management, thus ensuring our company's future sustainable and steady development and standardized operation.

(2) Internal Audit and Control

Our company has set up an independent audit department which is directly responsible for the Audit Committee. Under the guidance of the audit committee and following the internal audit system and the annual internal audit work plan, the audit department supervises and evaluates the effectiveness of all business management, financial status, key projects, and internal control of our company and its subsidiaries through daily inspection and special audits. These methods aim to promote our company's management and the realization of business objectives.

(3) Social Responsibility

Our company performs various social responsibilities, operates in good faith, produces safely, protects the interests of employees, pays attention to environmental protection, and advocates resource conservation, thus realizing the healthy and harmonious development of our company with employees, society, and environment. Our company attaches importance to ecological protection, so our company establishes pollution control and environmental protection mechanisms according to its specific situation. Our company conducts pollutant discharge monitoring every year, and the monitoring results meet the standards. Solid waste is recycled and disposed of by qualified third-party companies. Our company has set up a labor union organization (labor union committee) and workers' Congress to safeguard lawful rights and interests. In strict accordance with the provisions of the labor contract law, we sign labor contracts with

employees and handle five insurances and one fund, to protect the rights and interests of employees. By the legal working hours, we formulate the attendance system to ensure the employees' right to leave and rest. Besides, our company actively participates in social welfare undertakings and social welfare activities.

(4) Information Transmission and Disclosure

In terms of internal control of information disclosure, our company has formulated and improved the Information Disclosure Management System, Board Secretary Work System, Investor Relations Management System, etc,. We have made detailed provisions on the management department, responsible person, and responsibility division of information disclosure, content and standard of information disclosure, report circulation process, review and disclosure procedures, confidentiality system, accountability, etc.

According to the actual situation of internal production and operation, our company has formulated scientific rules and regulations, as well as an effective information transmission mechanism, to make the internal information transmission timely, accurate, and strict. All managers can timely grasp relevant information and instructions according to their respective positions and correctly perform their duties. At the same time, under effective internal communication and full use of information, we fully ensure the quality and confidentiality of information through a report review and confidentiality system.

(5) Ethics and Anti-Fraud

Our company attaches great importance to the construction of an anti-fraud mechanism. By establishing an online employee complaint platform and complaint hotline, employees and our company's stakeholders are encouraged to report and complain about violations of laws and regulations, fraud, and other acts that damage our company's image. Our company also has set up an ethics and compliance department to timely deal with and verify the reported information. Besides, our company has formulated anti-corruption policies, such as the Code of Business Conduct and Ethics and Gifts and Entertainment Management System. These policies can urge all employees and relevant partners to practice the business ethics requirements advocated by our company in daily operations, maintaining a better internal control environment for our company.

1.2 Standardized Board Management

In line with our Company Law, the Articles of Association of Trina Solar and other relevant laws and regulations, our company has established and improved the legal representative governance structure, rules of procedure, and decision-making procedures. Our company has set up Stockholders' Conference, the Board, Supervisory Board, and operational management to exercise voting rights, decision-making rights, monitoring rights, and execution rights, respectively. Their powers and responsibilities are clear and mutually balanced, ensuring they operate in a standardized manner. Besides, Trina Solar formulates a series of systems such as the Working Rules of the General Manager, the Internal Audit Rules, etc. Our Board also sets up four special sub-committees internally to ensure scientific, standardized, and efficient decision-making.

The Stockholders' Conference votes to elect the board.

Board members: Gao Jifan, Cao Bo, Gao Jiqing, Zhang Kailiang, Chen Aiguo, Liu Wei, Jiang Bailing, Huang Hongbin.

Functions of the Board

The Articles of Association stipulate that the board shall exercise the following functions and powers:

(1) To convene the general meeting of shareholders and report to the general meeting of shareholders;
(2) To implement the resolutions of the general meeting of shareholders;
(3) To decide the company's business plan and investment plan;
(4) To formulate the company's annual financial budget plan and final account plan;
(5) To formulate the company's profit distribution plan and loss recovery plan;
(6) Formulate plans for the company to increase or reduce registered capital, issuing bonds or other securities, and listing;
(7) To draw up plans for the company's major acquisition, the acquisition of our company's shares, merger, division, dissolution, or change of corporate form due to the circumstances specified in Items 1 and 2 of Article 23 of the Articles of Association;
(8) Within the scope authorized by the Stockholders' Conference, decide on the company's foreign investment, acquisition and sale of assets, asset mortgage, external guarantee, entrusted financial management, related party transactions, etc.;
(9) Decide on the establishment of the company's internal management organization;

(10) Appoint or dismiss the company's general manager and secretary of the board; according to the nomination of the general manager, appoint or dismiss the deputy general manager, financial director, and other senior managers of the company, and decide on their remuneration, rewards, and punishments;
(11) Formulate the company's basic management system;
(12) Formulate the amendment plan of the Articles of Association;
(13) Manage the company's information disclosure;
(14) Propose the appointment or dismissal of the accounting firm to the general meeting of shareholders ;
(15) Listen to the work report of the general manager and check accordingly;
(16) To make a decision on acquisition of the company's shares due to the circumstances specified in Article 23 Items 3, 5, and 6 of the Articles of Association;
(17) Other functions and powers granted by laws, administrative regulations, departmental rules or the articles of association, and the general meeting of shareholders.

For the matter exceeds the scope authorized by the Stockholders' Conference, the Stockholders' Conference shall be hold to review it and make decision.

Internal Audit

The board has set up an audit committee and an internal audit department. In order to ensure business compliance and risk control, the internal audit department strictly follows the China Internal Audit Standards and Trina Solar Internal Audit Rules, as well as the audit plan approved by the audit committee and the management. They carry out internal audits independently of all business and functional departments. These audit scopes cover R&D, procurement, manufacturing, sales, customer service, human resources, finance, and other links and functions. Moreover, the audit scope and focus are adjusted with our company's business development every year.

Our company has established Trina Solar Risk Control Tracking System (RCTS) to ensure the effective closure of problems found in each audit. To strengthen the coordination of the internal supervision forces and further promote the rectification of audit problems, our company has continuously innovated the audit mode in recent years. It is that all departments, referring to finance, quality, procurement, HR, EHS, etc., participate in the joint audit, thus comprehensively identifying the risks faced by our company in all aspects, as well as jointly exploring opportunities for operational improvement.

1.3 Improve Information Disclosure

To further improve the company's information disclosure system, the board secretary leads the establishment of an information disclosure workgroup, covering all business areas, such as product business, finance, EHS, procurement, marketing, legal compliance, strategy, etc. , in order to improve the timeliness and efficiency of transmitting information, improve the internal control mechanism of information disclosure and enhance risk control and treatment capabilities by unifying and coordinating the transmission of significant information. In 2021, the company has disclosed 179 interim declarations and 4 regular reports. The highly efficient, transparent and regularized information disclosure system, with its honest, accurate and complete declarations, contributes to our excellent reputation in the market and more broadly for being highly scrupulous.

1.4 Anti-corruption and Anti-bribery

1.4.1 Anti-corruption and Anti-bribery Policy

Anti-corruption and anti-bribery are the consistent positions of the company. Because it is fully recognized that corruption can lead to misallocation of resources, undermines the fairness of government or community decision-making, destroys the equal opportunities and business environment. The company insists on operating with integrity according to the law, opposes improper behaviors such as commercial bribery with external stakeholders, prohibits employees from directly or indirectly conveying benefits to stakeholders in any forms. If employees violate it, they will be severely punished and even terminated from labor relations. For this, we insist that corruption and fraudulent behaviors should be strictly investigated and punished with a "zero tolerance" attitude. The company also focuses on continuously strengthening the construction of clean culture and anti-corruption. Besides, we always are committed to contributing to the fight against corruption, together with the business community, the government, and the community.

The company will strictly manage the reported cases, register and file them for investigation one by one. When the company receives the reports and find problems after investigation, immediate actions will be taken to relevant employees, i.e. warning, demotion and salary reduction, dismissal, civil compensation, or even transferring to the judicial organ for criminal responsibility.

1.4.2 Measures to Prevent Corruption and Bribery and Reporting Procedures

Preventive Measures

The company has established mature risk management and internal control system. It is required that all functional departments and their affiliated units continuously assess and monitor the risks related to laws and anti-corruption matters, etc. Our group also has built a smooth feedback channel to persistently strengthen the investigation, handling and reporting of reporting cases, and promptly investigates and deals with violations of laws and disciplines.

Function construction: The company has established an internal supervision system in which audit, supervision, internal control, compliance management and legal affairs management can cooperate with each other, which can serve for the discipline inspection, inspection, audit, and internal control evaluation, etc.

Establishing rules and regulations: The company expects and actively encourages all employees and stakeholders to report any cases that may violate the principles of business ethics management and anti-corruption, including any forms of bribery or corruption suspicion. For this purpose, the company has formulated and released a series of relevant systems and processes, such as Code of Business Conduct and Ethics, Company Reporting Rewards Management Measures, Gifts and Benefits Receipt Management System, Gifts and Hospitality Giving Management System, Anti-Corruption Management System policy, etc. The contents have clearly defined the "absolutely prohibited behavior" and presented various forms of reporting methods. By various legal channels, you can report violations or other improper behaviors, providing smooth channels for employees, suppliers, contractors, and other stakeholders to impeach and expose fraud. Meanwhile, we can keep reported information strictly confidential and protect the legitimate rights and interests of whistleblowers by law.

Adhering to the "zero tolerance" investigation and punishment: The company adheres to a "zero tolerance" attitude and strictly investigates and punishes the behaviors that violated the principles of business ethics management and anti-corruption. The company's supervisory agency accepts and investigate the reporting information of all parties strictly in accordance with the laws and regulations, and reports to the management of the verified investigation results. After the approval by management through certain processes, relevant measures will be taken, i.e., conversation, disciplinary punishment, or even transfer to the judicial institutes. Through continuous tracking and monitoring of problems in reports and internal inspections, the company management will be improved accordingly.

Reporting Platform

Email: IA@trinasolar.com
Hotline: +86-519-85176933
Online complaint reporting platform on Trina Solar's official website: http://wb.trinasolar.com:8090/RCPFM/Trinasolar/report
The company has also set up a self-disclosure channel, requiring employees to complete the "Annual Self-disclosure of Conflicts of Interest". In addition, we actively encourage our employees to declare possible or known conflicts of interest.

1.4.3 Anti-Corruption Training

The company is committed to anti-corruption training for all employees. To ensure that all employees participate in it, we carry out various forms of trainings, i.e., centralized training, face-to-face training and anti-fraud video watching, for new employees, employees at sensitive positions, management, part-time employees, and oversees employees. our employees must all accept the training on Trina Solar's code of ethical conduct in business, thus abiding by the relevant provisions of the code well.

1.5 Anti-unfair Competition

As a global leading provider of PV smart energy solutions, Trina Solar always firmly opposes unfair competition and maintains good business ethics and conduct. Meanwhile, we always abide by relevant laws when carrying out competition and eliminating vicious competition and price war. Therefore, our company also sets a solid example for safeguarding the order of fair competition and sustainable development of the industry.

1.6 Stakeholder Communications

1.6.1 Stakeholder Policy

Trina Solar is committed to fulfilling its environmental and social responsibilities, creating a better photovoltaic market environment and transmitting the vision and practice of sustainable values which we uphold to the group's partners and all stakeholders. To better plan and put into practice the group's sustainable development strategy, we promote two-way, transparent and regular communication so as to help us establish close ties with stakeholders, ensure the key sustainable issues concerned by all stakeholders are associated with economic benefits and operations and production, and strengthen mutual trust and respect between Trina Solar and all stakeholders.

1.6.2 Stakeholder Groups and Materiality

Trina Solar uses various internal and external resources and channels to identify substantive issues of concern to stakeholders, and identifies stakeholder groups and substantive issues in accordance with ESG guidelines, the United Nations Sustainable Development Goals (SDGs) and the 10 Principles of the UN Global Compact.

Factors Considered：

- Reasonably estimable economic, environmental and social impacts
- Interests and expectations of stakeholders
- Main topics and future challenges of solar industry
- Key applicable laws and regulations
- Corporate vision, mission, core values, strategies and goals
- Core company competence and its contribution to sustainable development

Identification Sources

- Customer and supplier survey
- Company website, email, quarterly communication meeting
- Employee blogs, forums and feedbacks
- Company news release, social media channels
- Meetings with customers, suppliers and government officials
- Third-party audit on management system

We have established stable and targeted communications channels by identifying stakeholders and systematically classifying management, such as in product launches, face-to-face communication meetings, questionnaires, designated e-mail, the official website and various activities to reflect and carry out the expectations of stakeholders and to fulfill their needs and consider their suggestions, and select the best as an important input for our improvement while responding effectively to all we face.

Stakeholders	Highlight Concerning Issue	Communication Methods	Communication Activities
Customer	Product safety, quality and sustainable development strategy	•Meeting Exhibition and expo •Forum •Exhibition •Product launch •Workshop •Website •Customer satisfaction survey •Customer audit	• **Meeting Exhibition and Expo** - In December 2021, Li Peng, general manager of Trina Solar Asia Pacific power plant group, was invited to attend the round table dialogue between Chinese and Australian entrepreneurs. - On December 1~2, 2021, Trina Solar attended the annual PV Module Tech global conference to discuss the key to the selection of power plant modules in 2022. - On December 16, 2021, Trina Solar was invited to attend the inaugural meeting of the China—Vietnam Business Council to help China and Vietnam achieve carbon neutrality. - On December 21, 2021, Trina Solar was invited to participate in the seventh round of dialogue between Chinese and Japanese entrepreneurs and former senior officials. Yang Xiaozhong, vice president and chief brand officer of Trina Solar, was invited to attend and spoke on Trina Solar's contribution to promoting China—Japan clean energy development and carbon neutrality. - On November 30, 2021, the Bloomberg new energy finance Shanghai summit was held as scheduled. Gao Jifan, chairman of Trina Solar, was invited to attend the high-end dialogue of the main summit, talk with photovoltaic leaders about "next generation photovoltaic technology and business model", and discuss that ultra-high power photovoltaic technology will become a new force in the low-carbon future. Trina Solar's 100% financing and product strength have been recognized by international authoritative institutions. - On November 23, 2021, Yang Xiaozhong, chief brand officer of Trina Solar attended the dialogue between China—EU business leaders and former senior officials. - On October 27, 2021, Trina Solar was invited to attend the inaugural meeting of the green and low carbon international cooperation committee of China Chamber of Commerce for machinery and electronics. Trina Solar was elected as the founding director unit. Li Peng, general manager of Trina Solar Asia Pacific power station group, was invited to attend and delivered a speech at the Symposium on "international cooperation opportunities brought by energy transformation". - On September 16, 2021, Trina Solar attended the second industrial and commercial Photovoltaic Conference, and the distributed application of ultra-high power modules became the propulsion booster of the whole county. - On May 18, 2021, the "ultra-high power solar module conference" organized by international well-known photovoltaic media TaiyangNews and global solar energy industry exhibition SNEC was held online as scheduled. Trina Solar was invited to attend. • **Forum** - In December 2021, Jiangsu Trina Solar Smart Distributed Energy Co., Ltd. was invited to participate in the "2021 photovoltaic new era forum" with the theme of "shining zero carbon · reshaping energy". With its outstanding contributions in the field of household photovoltaic and BIPV, it won the double awards of "excellent photovoltaic innovation enterprise of the year" and "BIPV solution enterprise of the year". - On May 17, 2021, the East Asian entrepreneurs' Taihu Lake forum with the theme of "unblocking the industrial cycle in East Asia and working together for win-win development" was held on the shore of Taihu Lake in Suzhou. Lou Qinjian, Secretary

Stakeholders	Highlight Concerning Issue	Communication Methods	Communication Activities
			of the provincial Party committee, delivered a speech. Ding Huazhang, vice president of Trina Solar, attended the meeting on behalf of photovoltaic enterprises and delivered a speech entitled "carbon peak, carbon neutralization goals and actions - prospect of photovoltaic smart energy industry". • **Exhibition** —On December 16, 2021, the "2021 8th China Industrial and commercial distributed Photovoltaic Conference", "award of China's top ten distributed photovoltaic brands" and "award of China's top 100 distributed photovoltaic service providers" hosted by the Organizing Committee of China (Wuxi) International New Energy Conference and Exhibition (CREC) were held in Wuxi Huayi hotel. Trina Solar smart distributed won the "top ten distributed photovoltaic Brand Awards in China". —On November 18, 2021, the "2021 World Solar Photovoltaic Industry Expo" jointly organized by Guangdong Solar Energy Association and Guangdong Association for foreign economic cooperation was grandly held in Guangzhou Guangjiao Convention and Exhibition Center. Trina Solar smart distributed energy, together with Trina Solar blue sky and Trina Solar tile, made an amazing appearance in this exhibition to talk about the splendid future of BIPV with hundreds of excellent photovoltaic enterprises. Jiangsu Trina Solar smart Distributed Energy Co., Ltd. won the "2021 excellent photovoltaic enterprise" award and became the focus of this forum. —On June 3, 2021, Shanghai New International Expo Center, the annual grand ceremony SNEC exhibition expected by the photovoltaic industry opened as scheduled. In this year's SNEC exhibition, Trina Solar continued to breakthrough itself. With many amazing "high-energy" performances, the popularity of the booth continued to rise. —From May 10 to 12, 2021, the 2021 China brand day was held in Shanghai Exhibition Center. Trina Solar made a wonderful debut with 670W modules, a solar racing model, and light storage integrated sand table, which attracted much attention from all parties. —On April 28, 2021, the three-day Green Energy Expo of Daegu International Green Energy Conference and Expo in South Korea came to an end as scheduled. Trina Solar Co., Ltd. exhibited 400W, 550W, 600W, and 670W ultra-high power modules of the vertex supreme series at the green energy conference and Expo, attracting many visitors to stop at the booth for further consultation. —On January 17-19, 2022, at the World Future Energy Summit (WFES) in Abu Dhabi, Trina Solar, and its important partners jointly displayed Vertex 210mm Ultra-High Power Modules, including the latest vertex Vajra 410W+, Supreme 510W, 550W double glass, 600W double glass and 670W double glass modules suitable for household, industrial and commercial and ground power stations, as well as all-round intelligent energy solutions. In addition, Trina Solar also made a wonderful debut with a new generation of supreme n-type modules. • **Product launch** - From 14 to 16 April, 2021, Trina Storage company was invited to participate in the 10th International Energy Storage Summit Meeting and Exhibition (ESIE2021) jointly sponsored by China Energy Research Association, Zhongguancun Energy Storage Industry Technology Alliance and Institute of Engineering Thermophysics, Chinese Academy of Sciences. During

Stakeholders	Highlight Concerning Issue	Communication Methods	Communication Activities
			the exhibition, Trina Solar Energy Storage's new large-scale wind power plant equipped with centralized energy storage cell system was officially unveiled. - On October 18, 2021, the 2021 International Wind Energy Conference and Exhibition (CWP) opened in Beijing. At this wind energy conference, Trina Solar energy storage full scene energy storage system solutions and heavy new liquid cooled outdoor cell cabinets were unveiled. - On March 11, 2021, Vertex 670W + Ultra-High Power Modules were grandly released to global customers on the PV module tech platform, leading the photovoltaic industry into the era of ultra-high power. After the product release, it has attracted extensive attention from customers all over the world. - On August 18, 2021, Trina Solar released the white paper on promoting the whole county! - On October 15, 2021, Trina Solar released the white paper on 600W + Vertex Module integrated delivery solution to open up the last kilometer of ultra-high power module application. • **Workshop** - In 2021, Trina Solar successfully held a series of online seminars in coordination with epidemic prevention and control, and widely disseminated them on major industries, social media, and other websites around the world: wind tunnel white paper release, spherical bearing patent technology white paper release, efficient operation and maintenance white paper release, new intelligent operation, and maintenance overall solution - Trina Solar smart cloud release. Trina Solar also hosted the 17th China Solar Grade Silicon and Photovoltaic Power Generation Seminar offline, and in the subforum – Trina tracker intelligent tracking technology Super track Zhihe White Paper was released. • **Website** - In 2021, Trina Tracker created a web page for uploading project case analysis, where customers can browse reference project cases in any time. - In 2021, in the official website, the global news information platform, including official account and media, continued to publicize successful cases of clean energy solutions to overseas customers, and promoted better photovoltaic market environment, and passed on the vision and practice we believe in sustainable value to the cooperative partners and all stakeholders. • **Customer satisfaction survey** - Trina Solar carries out a third-party satisfaction survey every year, invites global customers to evaluate the satisfaction of the company's products, markets, services and other links, and carries out data analysis according to customer feedback. The highlights continue to be maintained, and the dissatisfied ones are promoted by setting up improvement projects within the company. In 2021, Trina Solar's comprehensive customer satisfaction and net recommendation value are better than the average level of peers. In order to timely capture customers' perception of our work, in addition to external surveys, Trina Solar opened an online independent satisfaction survey channel in the second half of 2021 to investigate the points of contact with customers in the whole business process from pre-sales to in-sales and after-sales. Thousands of customer feedback data have been collected in 2021, which has effectively promoted the improvement of the internal work of Trina Solar.

Stakeholders	Highlight Concerning Issue	Communication Methods	Communication Activities
			• **Customer audit** - Trina Solar has specially set up a customer audit team, with special personnel responsible for customer reception to ensure the smooth development of the audit. This work is written into the company's documents to provide a standardized operation process. According to the list of customer audit requirements, organize internal positive response. The one-time pass rate of customer audit in 2021 is 100%. • **Others** - From May to August 2021, Trina Solar has completed the reliability test of "one standard and five stricts" (standard static load, low-temperature static load, uneven snow load, tightened dynamic load, hail test and wind tunnel test), so as to ensure to provide customers with high-quality products. - On the basis of China's intelligent factory, an intelligent exhibition hall and experience hall has been built, which shows the complete set of Tracker products, core modules, power plant sand table scenes, etc. It gives customers an all-round personal visual experience. The customers can not only visit the manufacturing links of core modules, but also perceive the actual operation status of tracking support in different terrains and climates.
Employee	Employees' development and health	Communication meeting；Roundtable and lunch meeting；HR hotline；Mailbox for rationalizing suggestions；WeChat platform；Employee training；	Trina Solar holds employee meetings yearly. Thousands of people, including executives, manufacturing employees and overseas employees are invited to gather and take part in the meeting through online and offline forms. More than 10 kinds of diversified cultural and sports activities were organized every year, and there were hundreds of diversified cultural and sports activities each year, including interest activities, traditional culture activities, reading activities and traditional festivals, including: • On January 25, 2021, Trina Solar held an annual commendation conference with the theme of "embarking on a new journey and reaching a higher level". • Holiday-type online and offline activities on Women's Day, Youth Day, Mother's Day, Children's Day, Father's Day, Dragon Boat Festival, Mid-Autumn Festival, National Day, Christmas and others • Regular library activities, moxibustion classes, art study classes, reading sharing activities, etc. • Clubs: badminton, football, table tennis, basketball clubs (regular activities) • Tours available to outstanding employees • Labor union matchmaking activities • Regular new employee communication meetings and team building activities in various departments • Various types of skills training, management training, etc.

Stakeholders	Highlight Concerning Issue	Communication Methods	Communication Activities
Non-governmental organizations and community	Community relations and environmental issues	Participate in community activities；Employee volunteer activities；Participate in charity activities；Collect feedback from community；Hire local employees to improve profits, and pay tax in accordance with law	• **Participate in community activities** - In August 2021, Trina Solar completed “Green benefits – Mekong-Lancang Cooperation (MLC) photovoltaic off-grid power generation project” in Cambodia, bringing clean power to a local school. Asia Pacific PV Project Development Business Unit (APBU) of Trina Solar customized the solution which is a 50kW photovoltaic system with a 200kWh energy storage system that could generate 200kWh per day, meeting the basic power demand of the school. - In April 2021, Trina Solar investment PTE. Ltd, a wholly owned subsidiary of Trina Solar Co., Ltd. signed a memorandum of understanding with SUMEC Complete Equipment & Engineering Co., Ltd. (hereinafter “SUMEC Complete Equipment”) for strategic collaboration to co-develop renewable energy projects across “the Belt and Road” countries. - In March 2021, the new Pak Ngum County vocational training school project in Vientiane, Laos, which is a "Green benefits – Mekong-Lancang Cooperation (MLC) photovoltaic off-grid power generation project" undertaken by Trina Solar energy, was completed. Trina Solar energy built a new optical storage off-grid power generation system composed of 50KW photovoltaic and 200kwh energy storage equipment, which was installed on the open space on the campus. Trina Solar Energy high-efficiency single crystal modules were adopted, with an average daily power generation of 225kwh, which can meet the daily power demand of the school. - In February 2021, Xinhua News Agency National High-End Think Tank and Xinhua News Agency launched a blockbuster documentary "China's poverty reduction code" to the world. Among them, the photovoltaic poverty alleviation project takes a photovoltaic project in Trina Solar's overseas factory, which has attracted the attention of foreign high-level think tanks, as an example to illustrate how China's photovoltaic industry uses the resources in the sky to convert them into wealth on the ground, and record the footprints left by the "clean poverty alleviation" model in the history of poverty alleviation. - In February 2021, Trina Solar has completed an off-grid PV power generation project at Sitagu Buddhist Academy, Yangon, Myanmar, enabling school to have a stable supply of electricity. The project is part of "Green benefits – Mekong-Lancang Cooperation (MLC) photovoltaic off-grid power generation project" sponsored by Overseas Chinese Charity Foundation of China (OCCFC), in which Trina Solar provides technical and partial financial support, devoting to power development in Myanmar, Cambodia and Laos. In consideration to the environmental condition at Sitagu Buddhist Academy, Trina Solar customized the solution of 50kW photovoltaic system with 200kWh energy storage system, which could generate 225kWh and store 200kWh of electrical energy per day resolving the issue of power shortages at Sitagu Buddhist Academe. - In January 2021, the second phase of the Los Llanos photovoltaic power plant project developed and managed by Trina Solar in Colombia has been connected to the grid and the start of its commercial operations officially declared. Phases one, two and three of the Los Llanos projects, with total installed capacity of 82MWp, have been developed by Trina Solar's International System Business Unit (ISBU). Trina Solar (Colombia), a wholly owned subsidiary of Trina Solar, provided EPC management services for this project. The first phase of the 27MWp megawatt project was completed and delivered to the grid in October. The second phase, involving grid connection, installed capacity of 27MWp megawatts and will generate 51 gigawatt-hours of electricity each year, equivalent to the consumption of 23,800 households. It will help reduce carbon dioxide emissions by about 19,450 tons a year.

Stakeholders	Highlight Concerning Issue	Communication Methods	Communication Activities
			• **Participate in charity activities** - On July 27, 2021, Trina Solar donated 5 million yuan to participates in the rescue and post disaster reconstruction of Henan. - In March 2021, Trina Solar promoted the revitalization of "Western Wuzhen" by practicing corporate social responsibility. Trina Solar donated home appliances to 350 villagers who chose to buy houses for the "Western Wuzhen" project, a total of 350 sets of 1050 pieces, with a total value of nearly 1.8 million yuan. - In December 2021, in order to implement the decisions and arrangements of the CPC Central Committee and The State Council on rural revitalization, consolidate and expand poverty alleviation efforts and effectively link them with rural vitalization during the transition period, Siyuan·Sunshine Venture Fund always attaches great importance to the support work of Hanbin District, Ankang City, Shaanxi Province, thus donating RMB 500,000 to Ankang Charity Association without hesitation. The donation can help the related support work in this area, such as industrial development of rural revitalization and construction of public welfare assistance projects. • **Hire local employees to improve profits, and pay tax in accordance with law** - Trina Solar Science & Technology (Thailand) Co., Ltd has 1300 employees, of which 90% are Thai employees.
Business partners	Sustainable procurement, procurement disputes, strategic cooperation and promotion	Sign strategic partnership agreement；Supplier meeting；Supplier research/ audit Supplier / contractor training	• **Sign strategic partnership agreement** - On December 10, 2021, Trina Solar released a new generation of 600W + distributed solutions, and 12 leading photovoltaic enterprises signed strategic cooperation to accelerate the high-end and low-carbon process of distributed industrial structure. - On October 28, 2021, State Power Investment Co., Ltd.—Henan Electric Power Co., Ltd. and Trina Solar smart Distributed Energy Co., Ltd. signed a strategic cooperation agreement. - On October 15, 2021, the Tiannengwa Strategy Release and Investment Promotion Meeting of "new roof standard, double carbon and new engine" was held at Trina Solar Changzhou headquarter. Under the joint witness of nearly 10000 Online + offline visitors from experts, scholars, partners and authoritative media in photovoltaic and construction circles, the strategic cooperation agreement was signed with multidimensional united group, the global leader in the field of green building integration services. - On September 16, 2021, Trina Solar smart Distributed Energy Co., Ltd. and Huaneng New Energy Co., Ltd. signed a strategic cooperation agreement. The two sides agreed to deepen business cooperation in the field of distributed photovoltaic and build a strategic partnership for sustainable development. - On September 14, 2021, Trina Solar signed a strategic cooperation agreement with State Power Investment Co., Ltd.—Anhui branch to jointly seek high-quality cooperation and development and jointly build a low-carbon and efficient energy system. - On January 8, 2021, Trina Solar signed a comprehensive strategic cooperation agreement with Jiangxi Electric Power Construction Co., Ltd. - On September 16, 2021, Trina Solar, together with 17 global leaders from the renewable energy value chain and the innovation ecosystem of the industry, established a new organization, Global Alliance for Sustainable Energy, to promote

Stakeholders	Highlight Concerning Issue	Communication Methods	Communication Activities
			the rapid development of renewable energy and global sustainable development, and lead the transformation of energy structure. - To lead the sustainable and high-quality development of distributed PV, Trina Solar wisdom took the lead in leading the distributed PV industry brand enterprises to establish China's industrial and commercial industry and household brand alliance, summarize and review the problems and directions in the development process of distributed PV in stages, promote the formulation of industry standards, make a voice for the positive development of the industry, provide development guidance for enterprises with benign competition, and contribute to the protection of consumers' rights and interests. • **Supplier / contractor training** - Trina Solar Smart Distributed Energy Co., Ltd. integrates internal and external resources, establishes the Fujia Business School of Trina University, and specially invites visiting professors and experts from Tsinghua University, Peking University and Shanghai Jiaotong University to give lectures in person. The courses cover policy trends, marketing, team management, finance and taxation, supply chain, etc., with a total of 30 training sessions, covering more than 12000 person times. The courses continuously improve the operation and management ability of dealers, actively introduce internal and external financing services, provide convenient and efficient financial support for dealers and comprehensively help dealers' partners become bigger and stronger. - In October 2021, Trina Solar organized 157 people from 72 suppliers to participate in the training activities of supplier quality preliminary courses, mainly training MSA \ SPC application, 5S management, process, on-site rapid improvement; 33 people from 21 suppliers participated in advanced courses, including hypothesis testing, regression and DOE. Among them, Trina Solar Tracking organized 18 suppliers in 2021, and 43 people participated in the training of preliminary quality course (quality tools and quality system audit project). • **Supplier research / audit** - Trina Solar has established a perfect supplier management system to ensure the quality of supplier resources from the development, management, supervision and development of suppliers. The development process of supplier includes a series of steps: from material characteristic screening, through small-scale test, pilot test, batch test to mass production. Screening standards from different view are formulated in each process: including material theoretical analysis, key characteristic screening, performance screening, reliability screening, matching, consistency, stability screening, etc. After layers of screening in each process, we finally extract those high-quality materials with real mass production. During the process of supplier mass production management, supplier performance evaluation, supplier audit mechanism, supplier 8D management and supplier change management mechanism are established. For the consistency assurance system of mass production materials, we conduct continuous comparison through our four means of quality control, including SPC monitoring, ORT monitoring, flight inspection and genetic testing, to ensure the stability and consistency of material quality.
Shareholders and investors	Board structure, ownership	General meeting of shareholders;	• Our company holds physical and sometimes online shareholders' meetings, making it easier for investors to attend the meetings.

Stakeholders	Highlight Concerning Issue	Communication Methods	Communication Activities
	structure, accounting and financial reporting practice etc.	Roadshow and reverse roadshow；Performance briefing；Field investigation；Hotline	• Our company disclose the annual report each year and timely disclosed its operating conditions and industry development; • Our company holds regular annual and semi-annual performance briefing meetings to communicate with investors about the company's operating performance; • Our company carries out roadshows and reverse roadshows from time to time, strengthened exchanges with investors and issued information on the company's operations and growth; • Our company maintained smooth communications channels with shareholders of the company, especially small and medium shareholders, through various forms such as hotline, email and field investigation. • In July 2021, Trina Solar's 5.252 billion convertible bond project was officially registered and approved by the CSRC.
Government	Industrial Development	Sign cooperation memorandum Participate in policy research；Participate in government's project；Project cooperation；	• **Project cooperation** - Trina Solar won the bid for projects in Qinghai, Gansu, Inner Mongolia and other places in 2021, with a total of more than 3.5gW! -- On December 2, 2021, the working conference on the construction of a private enterprise credit system of all-China Federation of industry and commerce was held in Beijing. Xu Lejiang, deputy director of the central United Front Work Department, Secretary of the Party group, and executive vice-chairman for all-China Federation of industry and commerce, attended the meeting and mobilized and deployed the construction of a private enterprise credit system. Gao Jifan, chairman of Trina Solar, was invited to participate in the meeting and shared the "Trina Solar practice" of the private enterprise credit system, which was fully affirmed by the meeting. - On November 27, 2021, Gao Jifan attended the 2021 "one belt, one road" clean energy development forum and "dialogue" with the governor of Qinghai Province, the chief executive of CCTV. - From October 18 to 20, 2021, the first general meeting of the Boao Forum for Asia's global economic development and security forum was held in Changsha International Conference Center. Zhang Qingli, vice chairman of the National Committee of the Chinese people's Political Consultative Conference, attended the opening ceremony and delivered a keynote speech. Gao Jifan, chairman of Trina Solar, was invited to attend the meeting and delivered a speech as a guest at the subforum of "global energy supply and security: new pattern and new strategy". - On October 13, 2021, Gao Jifan attended the provincial government enterprise consultation forum and made suggestions on collaborative cooperation inside and outside the province to promote "carbon neutralization and carbon peaking". - On October 12, 2021, Trina Solar chairman Gao Jifan was invited to attend the high-level video dialogue between British Crown Prince Charles and Chinese entrepreneurs. - On September 16, 2021, Trina Solar attended the second industrial and commercial Photovoltaic Conference, and the distributed application of ultra-high-power modules became the propulsion booster of the whole county. - In September 2021, the president personally launched it! Trina Tracker helped the successful grid—connection of Uzbekistan's largest photovoltaic power station.

Stakeholders	Highlight Concerning Issue	Communication Methods	Communication Activities
			- In June, 2021, Trina Solar won the 1GW wind energy storage + wind protection and sand fixation multi energy complementary integration project in Mangya City, Haixi Prefecture. - On April 13, 2021, the EPC project of sonagazi 50MWAC/60MWP solar power plant was issued by EGCB. Trina Smart Energy Engineering Co., Ltd., a wholly-owned subsidiary of Trina Solar was successfully awarded the bid. Trina smart energy stood out from nearly 20 well-known international contractors and won the first bidding project of Trina smart energy based on FIDIC international standards, which has a positive impact on the EPC business expansion of overseas power stations. - On March 3, 2021, Guizhou Provincial Energy Bureau issued the notice on Issuing the preliminary work plan for the first batch of photovoltaic power generation projects in Guizhou Province in 2021. Trina Solar won the index of 300MW power station and ranked among the top three private enterprises. So far, Trina Solar has completed about 2.5GW of reserve projects in the southern market, laying a solid foundation for the key layout of this market. - In February, 2021, Trina Solar recently announced that it would participate in the construction of Girassol Solar Park in the Dominican Republic, which is currently the largest solar power park in the Caribbean. - The second phase of the Los Llanos photovoltaic power plant project developed and managed by Trina Solar in Colombia has been connected to the grid and the start of its commercial operations officially declared. The President of Colombia, Iván Duque Márquez, cut the ribbon at the delivery ceremony on Jan 22. He expressed his gratitude to Trina Solar for its important contribution to the smooth grid connection of the project. • **Participate in government's project** - In September 2021, Hong Huimin, vice chairman of the Jiangsu Provincial Committee of the Chinese people's Political Consultative Conference, led some members to come to Changzhou to supervise the key proposal "on cultivating the global 'chain leader' enterprise of the province's photovoltaic smart energy industry" put forward by the Jiangsu Provincial Committee of the China Democratic Construction Association, and made a field visit to Trina Solar. - In June 2021, Guo Jun, Deputy Secretary General of the 13th CPPCC National Committee and vice chairman of the China Economic and Social Council, led the research team to Changzhou conduct special research. Focusing on the topic of "vigorously cultivating technical and skilled talents", the team deeply understood the outstanding problems existing in the current training of technical and skilled talents, analyzed the reasons, summarized experience and studied countermeasures, and made suggestions for accelerating the construction of a high-level and high-level technical and skilled talent team. Fengzhiqiang, vice president of Trina Solar and head of the innovation platform, made a report in terms of technical talent training and put forward suggestions. - In March 2021, Hong Yinxing, former party secretary of Nanjing University and famous economist, visited Trina Solar Changzhou headquarters on the theme of strong photovoltaic industry chain. Secretary Hong fully affirmed the achievements made by Trina Solar and pointed out that "Trina Solar is at the forefront of the national new energy industry revolution". The two sides conducted in-depth discussions on further cultivating the world's leading photovoltaic industry "chain owners" and building Jiangsu peak enterprises.

Stakeholders	Highlight Concerning Issue	Communication Methods	Communication Activities
			- In February 2021, Zhang Aijun, member of the Standing Committee of Jiangsu Provincial Party Committee and director of the publicity department of Jiangsu provincial Party committee, went to Trina Solar Changzhou headquarters to investigate the crystalline silicon photovoltaic industry chain.
Research institutions/standards associations	Leading technology	Industry associations; Seminars Technical collaboration	In 2021, 7 standards that Trina Solar led to develop or participated in developing were published: -In March 2021, one SEMI International Standard titled “Specification for Structural Silicon Adhesive for the Back Rail Fixture in PV Modules” (Standard No. SEMI PV98-0321) that Trina Solar led to develop, and two SEMI International Standards titled “Specification for Silicon Wafers for Use in Photovoltaic Solar Cells” (Standard No. SEMI PV22-0321) and “Classification of Building Integrated Photovoltaic (BIPV)” (Standard No. SEMI PV99-0321) which Trina Solar participated in developing, were officially released and implemented as unified technical specifications worldwide. -In March 2021, one National Standard titled “General technology requirements for photovoltaic module recycling and recovery” (Standard No. GB/T 39753-2021), which Trina Solar participated in developing, was officially released and has been implementing nationwide as a unified technical specification since February 2022. -In October 2021, three Group Standards titled “Glass for photovoltaic modules-Part 1: Front plate anti-reflective coated glass” (Standard No. T/CPIA 0028.1-2021), “Glass for photovoltaic modules - Part 2: Back plate augmented reflective coated glass for double-glass module” (Standard No. T/CPIA 0028.2-2021), and “Film for backsheet of photovoltaic modules - Part 2: Polyethylene terephthalate film” (Standard No. T/CPIA 0029.2-2021) were officially released and have been implementing as a unified technical specification within the group since November 2021. In 2021, Trina Solar actively organized core technical backbones to participate in various international and domestic academic conferences to discuss industrial technical problems, exchange and share technical achievements, so as to contribute to promoting industrial technology development and promoting the early realization of the dual carbon goal. For example: - In April 2021, Trina Solar's core technical backbone participated in the 11th silicon PV Conference (online conference), made a technical report on Characterization of a Cell Process from IV Cell—Test Data, and shared photovoltaic core technologies and achievements with global photovoltaic technology experts. - In June 2021, Trina Solar's core technical backbone participated in the 48th IEEE photovoltaic expert meeting (48th IEEE PVSC, online meeting) and made technical report named “So, you think that 100% renewable energy is not feasible?” to discuss the current situation and future of the photovoltaic industry with global photovoltaic technology experts. - In August 2021, Trina Solar's core technical backbone participated in the 2021 PV cell tech conference and made a technical report on Challenges and Opportunities for Sustainable Silicon PV Manufacturing at the Terawatt Level to discuss the opportunities and challenges of photovoltaic manufacturing with global photovoltaic technology experts.

02 ENVIRONMENTAL RESPONSIBILITY

Trina Solar has always incorporated the concept of green and low-carbon sustainable development into the company's strategy. The company not only produces environment-friendly green products, but also continuously reduces energy consumption and greenhouse gas emissions, and transmits the concept of green environmental protection to relevant parties with its brand influence.

Ten Principles of the UN Global Compact		Our Actions
Environment	Principle 7: Enterprises should be prepared in advance to deal with environmental challenges. Principle 8: Take the initiative to increase responsibility for environmental protection. Principle 9: Encourage the development and promotion of environmentally friendly technologies.	• Adhere to scientific and technological innovation to promote the coordinated development of one's business activities and the environment, constantly identify the possible impact of business activities on the environment, and pay attention to intensive and regenerative utilization of resources. • Actively deal with global climate change and always strive to practice sustainable development in the whole life cycle of products

United Nations Sustainable Development Goals (SDGs)		Our Actions.
	Goal 6: Provide and sustainably manage water and sanitation for all. Goal 7: Ensure affordable, reliable and sustainable modern energy for all. Goal 9: Build disaster resilient infrastructure, promote inclusive and sustainable industrialization, and promote innovation. Goal 13: Take urgent action to address climate change and its impacts.	• Pay attention to energy-saving and emission reduction, optimize energy use efficiency and promote sustainable development • Committed to passing on the concept of green innovation and sustainable development, promoting the realization of practical innovation and sustainable development, creating jobs in the field of solar energy, allowing the world to share the fruits of new solar technology industries, and allowing solar energy to enter thousands of households • Adhere to scientific and technological innovation, improve the efficiency of the use of resources, and promote the sustainable development of the global economy • Set the goal of sustainable development and realize green production and management • Carry out cleaning projects to protect biodiversity • Actively deal with global climate change and reduce the carbon footprint of our products

Chapter 2 Environmental Responsibility

2.1 Emission Management

2.1.1 Emission Related Policies and Standards

Environment, Occupational Health and Safety, Energy Management Policy

Trina Solar has certified with environmental management system ISO 14001 in 2008, occupational health and safety management system OHSAS 18001 (now ISO 45001) in 2010, and energy management system ISO 50001 in 2015.

Trina Solar is a global leading PV & smart energy total solution provider. We pay attention to employees' health & safety and sustainable development. We are dedicated to creating a safe, healthy and environmentally-friendly workplace for employees and a harmonious green planet for mankind. We promise to use energy and natural resources responsibly and efficiently.

We Promise:

- Comply with all applicable EHS & energy management laws & regulations and meet interested parties' requirements.
- Be committed to prevention of pollution and minimizing negative impact on environment. Promote sustainable development and contribute to green and low-carbon ecology .
- Be committed to prevention of occupational injury and illness. Provide a safe, healthy workplace for employees.
- Make efficient use of energy and resources. Consistently reduce energy consumption and carbon emissions from production and commercial operations.
- Enhance employees' EHS & energy conservation awareness and encourage employees to participate in EHS & energy conservation programs.
- Provide necessary resources for implementing EHS & energy management system. Continually improve performance via perfecting EHS & energy management system.
- Regularly provide transparent EHS report to stakeholders and other relevant interested parties.
- Pledge our support and commitment to help our suppliers improve their EHS & energy management performance and take social responsibility.

Environmental Management System

Adhering to the environmental concept of "Priority on Protection and Crucial on prevention", Trina Solar strictly comply with the national environmental protection laws, regulations, guidelines, and policies. We have environmental protection management systems, plans, objectives, and work plans in place. Trina Solar has established and implemented an environmental management system based on the requirements of international standard ISO 14001, actively implemented pollution prevention, reduced environmental impact, advocated green sustainable development, and created a green and low-carbon ecological environment. We have made and implemented other internal environmental management procedures, including: " TS-EHS-2004 Prevention and Control Management Procedure of Water Pollution", " TS-EHS-2005 Prevention and Control Management Procedure of Air Pollution", "TS-EHS-2006 Noise Management Procedure", "TS-EHS-2007 Waste Management Procedure", " TS-EHS-2013 Construction Project EHS Management Procedure", "TS-EHS-2009 Energy & Resource Management Procedure ", and " TS-EHS-2034 Energy Measurement and Management Procedure" etc.

Environmental Protection policies in Main Business Areas

Trina Solar factories strictly comply with local environmental regulations and policies.

Factory	Implemented Wastewater Discharge Standards	Implemented Waste Gas Emission Standards (Organized)
Trina Solar Co., Ltd. (Changzhou headquarters)	"Wastewater quality standards for discharge to municipal sewers" (GB/T 31962-2015) Table 1 Grade B	The standards in Table 1 of "Integrated emission standard of air pollutants" (DB32/4041-2021)
Trina Solar (Changzhou) Science & Technology Co., Ltd.	"Wastewater quality standards for discharge to municipal sewers" (GB/T 31962-2015) Table 1 Grade B	The standards in Table 1 of "Integrated emission standard of air pollutants" (DB32/4041-2021)
Yancheng Trina Solar Guoneng Science & Technology Co., Ltd.	"Emission standard of pollutants for battery industry" (GB 30484-2013)	"Emission standard of pollutants for battery industry" (GB 30484-2013) "Emission standards for odor pollutants" (GB 14554-93) "Integrated emission standard of air pollutants" (DB32/4041-2021)
Trina Solar Technology (Yancheng) Co., Ltd.	"Emission standard of pollutants for battery industry" (GB 30484-2013)	"Emission standard of pollutants for battery industry" (GB 30484-2013) "Emission standards for odor pollutants" (GB 14554-93) "Integrated emission standard of air pollutants" (DB32/4041-2021)
Trina Solar (Yancheng Dafeng) Co., Ltd.	The third-level standard in Table 4 of "Integrated wastewater discharge standard" (GB 8978-1996) "Discharge standard of pollutants for municipal wastewater treatment plant" (GB 18918-2002) Class A Standard "Provincial discharge standard of main water pollutants for chemical industry" (DB32/939-2006) Class I Standard	"Emission Control Standard for Industrial Enterprises Volatile Organic Compounds" (DB12/524-2020) "Integrated emission standard of air pollutants" (GB 16297-1996) "Emission standard of cooking fume" (GB 18483-2001)
Trina Solar (Suqian) Technology Co., Ltd	Three types of standards in "Environmental quality standards for surface water" (GB 3838-2002)	The standard value of "other industries" VOCs in "Emission Control Standard for Industrial Enterprises Volatile Organic Compounds" (DB12/524-2014)
Trina Solar (Suqian) Optoelectronics Co., Ltd.	Standard in Table 2 of "Emission standard of pollutants for battery industry" (GB 30484-2013) "Integrated wastewater discharge standard" (GB 8978-1996) Table 4	Standard in Table 5 of "Emission standard of pollutants for battery industry" (GB 30484-2013) Standard in Table 3 of "Emission standard of air pollutants for boiler" (GB 13271-2014) Standard in Table 2 of "Emission standards for odor pollutants" (GB 14554-93) The standards in Table 1 of "Emission Control Standard for Industrial Enterprises Volatile Organic Compounds" (DB12/524-2020)
Trina Solar Yiwu Technology Co., Ltd	"Integrated wastewater discharge standard" (GB 8978-1996) Class III Standard	"Integrated emission standard of air pollutants" (GB 16297-1996) Secondary Emission Standard
Trina Solar Science & Technology (Thailand) Co., Ltd.	Thailand Industrial Zone Authority Notice 76/2017-Establishment of general standards for discharge of wastewater into the central wastewater treatment system of industrial zones, p. 2, Article 5	N.A
Trina Solar (Vietnam) Science & Technology company Limited	QCVN 14:2008/BTNMT-National Technical regulations on Domestic Wastewater; QCVN 40:2011/BTNMT-National Technical Code for the Quality of Industrial Wastewater The standard for Receiving Wastewater from Yunzhong Industrial Park	QCVN 19：2009年/ BTNMT, B列 QCVN 19: 2009 / BTNMT, B column QCVN 20：2009年/ BTNMT QCVN 20: 2009 / BTNMT
Trina Solar Energy Development Company Limited	QCVN 14:2008/BTNMT-National Technical Regulations on Domestic Wastewater QCVN 40:2011/BTNMT-National Technical Code for the Quality of Industrial Wastewater The Standard for Receiving Wastewater from Anping Industrial Park	QCVN 19：2009年/ BTNMT, B列 QCVN 19: 2009 / BTNMT, B column QCVN 20：2009年/ BTNMT QCVN 20: 2009 / BTNMT
Wafer Branch Of Trina Solar Co., Ltd.	Table 1 Standard of "Wastewater quality standards for discharge to municipal sewers" (GB/T 31962-2015)	The relevant emission standards in Table 1 of the "Integrated emission standard of air pollutants" (DB32/4041-2021)

2.1.2 Emission Related Indicators

Green Factory

Trina Solar is committed to sustainable development throughout the product life cycle from product research design and development, raw material procurement, and manufacturing, to energy and resource utilization and waste management. In 2010, Trina Solar became the pioneer of the PV industry at the World Davos Economic Forum. In February 2018, the Ministry of Industry and Information Technology of the People's Republic of China announced Green Factory list, and Trina Solar passed the third-party evaluation from China Quality Certification (CQC) with a high score of 97 and was awarded with the honour of "Green Factory Model".

Wastewater Discharge up to the Standard

The wastewater from Trina Solar plants is treated in depth through advanced sewage treatment processes (such as physicochemical defluorination, biochemical decarbonization and ammonia removal etc.). The wastewater is discharged into the municipal pipe network when it meets the regulated discharge standard. Regular testing to wastewater was done by qualified laboratories and all testing results meet emission standard. In 2021, the total discharge of wastewater is 8.3295 million tons, and the wastewater discharge indicators of each factory are shown in the following table:

Pollutant Discharging Entities	Main Pollutants	Emission Concentration	Discharge Standard of Pollutants
Trina Solar Co., Ltd. (Changzhou headquarters)	PH	7.3-8.7	6.5-9.5
	SS (mg/L)	47	400
	COD (mg/L)	69.3	500
	TN (mg/L)	7.56	70
	Fluoride (mg/L)	3.06	8
Trina Solar Technology (Yancheng) Co., Ltd.	PH	6-9	6-9
	SS (mg/L)	8	140
	COD (mg/L)	119	150
	TN (mg/L)	33.7	40
	Fluoride (mg/L)	4.5	8
Trina Solar (Suqian) Optoelectronics Co., Ltd.	PH	6-9	6-9
	SS (mg/L)	17.91	140
	COD (mg/L)	85.53	150
	TN (mg/L)	35.25	40
	Fluoride (mg/L)	5.73	8

Notes: Trina Solar Co., Ltd. (Changzhou headquarters), Trina Solar Technology (Yancheng) Co., Ltd. and Trina Solar (Suqian) Optoelectronics Co., Ltd. are national key wastewater monitoring entities, other production bases and subsidiaries of Trina Solar are not the key pollutant discharging entities specified by the environmental protection department.

Waste Gas up to the Emission Standards

The waste gas from Trina Solar's factories is treated according to the local environmental protection requirements and then discharged up to the standard. The total emissions of Nitrogen oxides and Sulphur oxides in 2021 are 6.525 tons and 0.02 tons respectively.

Compliance Treatment of Solid Waste

Trina Solar factories dispose of solid waste under the law. In 2021, 35,000 tons general industrial solid waste was handled and 5,300 tons hazardous waste was handled and transferred.

2.1.3 Greenhouse Gas Emissions and Intensity

Since 2011, Trina Solar started to quantify greenhouse gas (hereinafter referred to as GHG) emissions from most factories in accordance with the international standard ISO 14064-1 "Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals", including direct greenhouse gas emissions and indirect greenhouse gas emissions from imported energy. The emissions in the past three years are shown in the following table:

Greenhouse Gas Emissions	2019	2020	2021
Category 1 direct GHG emissions （1,000 tons CO_2e）	7.4	13.7	29.4
Category 2 indirect GHG emissions from imported energy（1,000 tons CO_2e）	520.2	570.0	850.2

Total GHG Emissions（1,000 tons CO_2e ）	527.6	583.7	879.6

As shown in the above table, the total GHG emissions of Trina Solar is 879,600 tCO_2e in 2021, an increase of 50.69% over 2020, which is mainly attribute to fast business expanding and getting more factories under operational control.

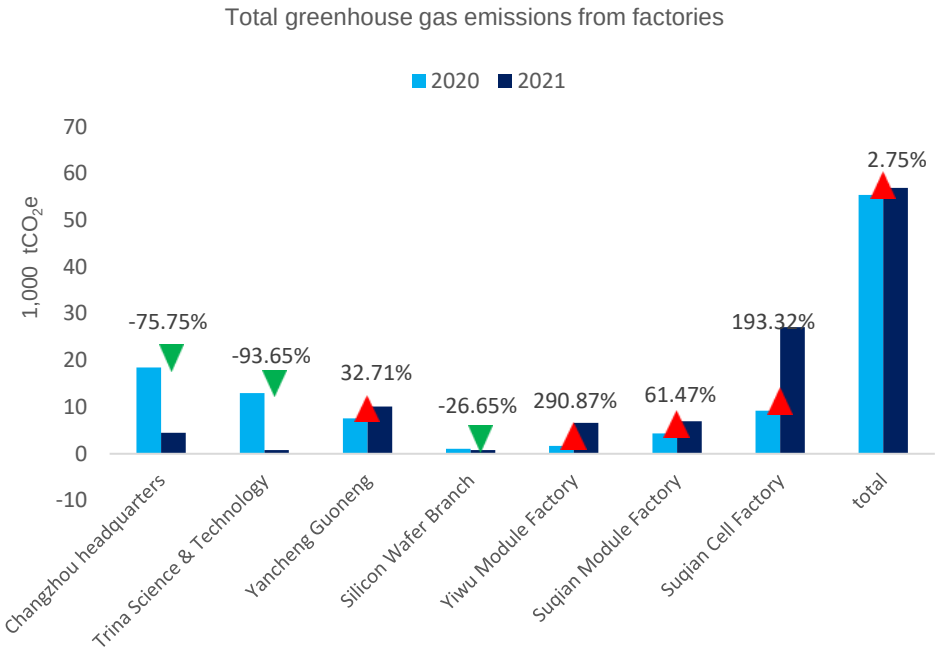
In 2020 GHG emissions of ten factories were reported: Trina Solar (Changzhou headquarters), Trina Solar (Changzhou) Science & Technology, Wafer Branch of Trina Solar, Yancheng Guoneng, Changzhou Yabang Plant, Hefei Plant, Hubei Plant, Suqian Module Factory, Yiwu Module Factory, Suqian Cell Factory.

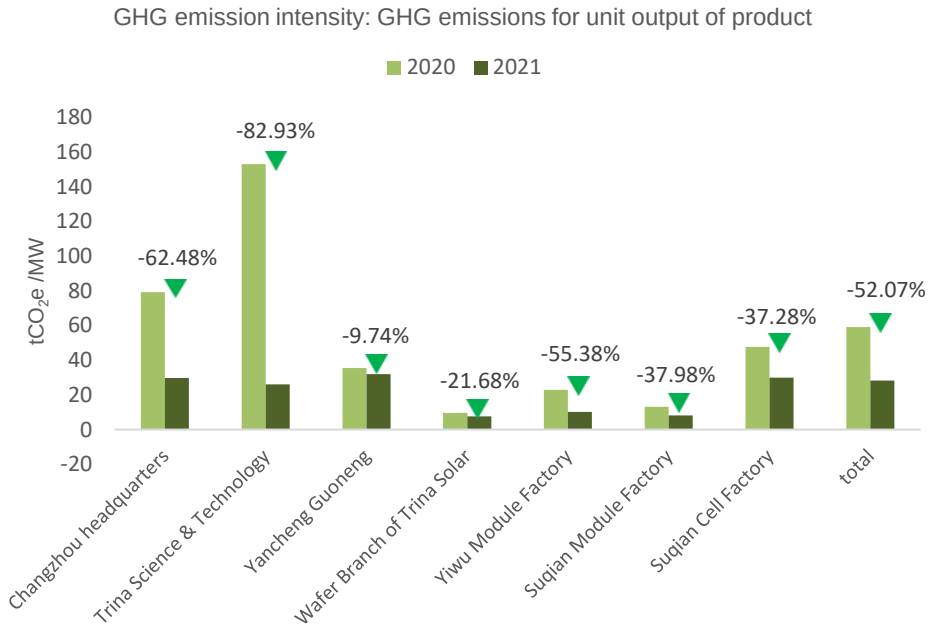
In 2021 GHG emissions of twelve factories were reported: Trina Solar (Changzhou headquarters), Trina Solar (Changzhou) Science & Technology, Wafer Branch of Trina Solar, Yancheng Guoneng, Trina Solar Technology (Yancheng), Trina Solar (Yancheng Dafeng), Suqian Module Factory, Suqian Cell Factory, Yiwu Module Factory, Trina Solar Science & Technology (Thailand), Trina Solar Science & Technology (Vietnam), Trina Solar Energy Development.

By further analysis of GHG emission performance of the factories jointly reported in 2020 and 2021, we find that the GHG emission intensity of all factories present an annual downward trend, which proved the effectiveness of Trina Solar's energy-saving and emission reduction measures.

The total GHG emissions and intensity are shown in the table below.

Factory	Year	Emissions（tCO_2e）	The Proportion of Changes in GHG Emission Intensity in 2021, Compared to 2020
Trina Solar Co., Ltd. (Changzhou headquarters)	2020	184,814.17	-62.48%
	2021	44,808.25	
Trina Solar (Changzhou) Science & Technology Co., Ltd.	2020	129,693.02	-82.93%
	2021	8,241.61	
Yancheng Trina Solar Guoneng Science & Technology Co., Ltd.	2020	75,996.78	-9.74%
	2021	100,856.59	
Wafer Branch of Trina Solar Co., Ltd.	2020	10,944.03	-21.68%
	2021	8,027.69	
Trina Solar Yiwu Technology Co., Ltd	2020	16,961.49	-55.38%
	2021	66,297.45	
Trina Solar (Suqian) Technology Co., Ltd	2020	43,315.50	-37.98%
	2021	69,942.03	
Trina Solar (Suqian) Optoelectronics Co., Ltd.	2020	92,472.50	-37.28%
	2021	271,238.21	
Total Emissions (7 factories)	2020	554,197.49	-52.07%
	2021	569,411.82	





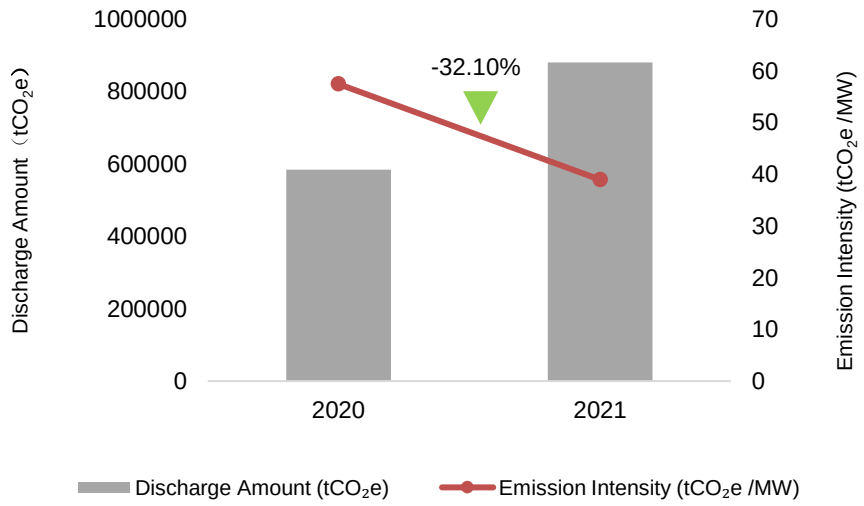
The GHG emissions of Trina Solar Yiwu Technology Co., Ltd and Trina Solar (Suqian) Optoelectronics Co., Ltd in 2021 were significantly higher than those in 2020 because both factories started operation in mid-2020. According to the operational control requirement by ISO 14064-1, in 2020 Trina Solar Yiwu Technology Co., Ltd was reported GHG emissions of only 6 months (July to December) and Trina Solar (Suqian) Optoelectronics Co., Ltd was reported GHG emissions of only 5 months (August to December). In 2021 both factories were reported GHG emissions of 12 months in the whole year.

Trina Solar's GHG emissions per unit output of product is 38.93 tCO_2e. The GHG emissions for unit output of product are shown in the following table：

Factory	GHG Emissions in 2021（tCO_2e）
Trina Solar Co., Ltd. (Changzhou Headquarters)	44,808.25
Trina Solar (Changzhou) Science & Technology Co., Ltd.	8,241.61
Yancheng Trina Solar Guoneng Science & Technology Co., Ltd.	100,856.59
Wafer Branch Of Trina Solar Co., Ltd.	8,027.69
Trina Solar Yiwu Technology Co., Ltd	66,297.45
Trina Solar (Suqian) Technology Co., Ltd	69,942.03
Trina Solar (Suqian) Optoelectronics Co., Ltd.	271,238.21
Trina Solar Technology (Yancheng) Co., Ltd.	136,118.95
Trina Solar (Yancheng Dafeng) Co., Ltd.	13,879.07
Trina Solar (Vietnam) Science & Technology company Limited	49,471.77
Trina Solar Energy Development Company Limited	73,345.44
Trina Solar Science & Technology (Thailand) Co., Ltd.	37,380.48
Total Emission	879,607.54

The total GHG emissions of Trina Solar Co., Ltd. in 2020 and 2021 are shown in the following table:

Year	Total Emission（tCO_2e）	Emission Intensity (tCO_2e /MW)
2020	583,741.46	57.42
2021	879,607.54	38.93



As shown in the above chart, according to operational control method of ISO 14064-1, the total GHG emission of Trina Solar (category 1 direct GHG emissions and category 2 indirect emissions from imported energy) was 879,607.54 tCO_2e in 2021, an increase of 50.69% over 2020. This was mainly because the operation boundary changed in 2021 from 2020. Changzhou Yabang Plant, Hubei Plant and Hefei Plant no longer be operational in 2021, five new factories started operation in 2021, including Trina Solar (Yancheng Dafeng), Trina Solar Technology (Yancheng), Trina Solar Science & Technology (Vietnam), Trina Solar Energy Development and Trina Solar Science & Technology (Thailand). The increased number of factories led to an increase in GHG emissions. GHG Emission Intensity in 2021 was 38.93 tCO_2e/MW, which was **32.20% lower** than that in 2020, which proved Trina Solar's effort on GHG emission reduction.

Trina Solar officially announced in July 2021 to join the "Science Based Target initiative" (SBTi). We have joined the business ambition for 1.5°C call to action by signing the Business Ambition for 1.5°C Commitment Letter. We continue to optimize the GHG reporting category and accounting methods. According to the requirements of SBTi, we have focused on other indirect GHG emissions within the reporting boundary in 2021. Our reporting

boundary includes but not limited to the following indirect emissions: purchased goods and services, upstream and downstream transportation and distribution, waste generated during operation, employee business travel, employee commuting, etc. Trina Solar plays an industry-leading role in promoting itself and the supply chain to achieve the ambitious 1.5°C temperature limit target.

2.2 Use of Energy and Resources

Trina Solar is committed to improving energy efficiency, continuously promoting energy efficiency, exploring and implementing energy-saving projects, and optimizing energy use. In 2015, we successfully obtained the ISO 50001 energy management system certificate issued by the British Standards Institute (BSI). Trina Solar use systematic management methods to continuously reduce energy consumption and improve energy utilization. Trina Solar is committed to recycling of water resources. We have successfully recovered RO concentrated water, air conditioning condensate, and pretreated wastewater for cleaning, flushing, greening, etc. Trina Solar has constructed a reclaimed water reuse factory. The industrial wastewater generated in the manufacturing process is treated to reclaimed water with advanced technology and reused as a supplement of the raw water supply.

2.2.1 Energy Consumption

The energy consumption of Trina Solar factories in recent three years is shown in the table below:

Energy Type	2019	2020	2021	Change Ratio of 2021 to 2020
Natural gas (1,000 m^3)	990	530	690	+29.43%
Electricity Purchased (MWh)	912,411	1,007,825	1,433,209	+42.21%
Comprehensive Energy Consumption (tce)	137,296	148,086	176,233	+19.01%
Water Consumption (1,000 m^3)	10,078	10,568	14,020	+32.67%
Comprehensive Energy Consumption for Unit Output of Product (tce/MW)	10.85	9.27	7.13	-23.09%
Natural Gas Consumption for Unit Output of Product (1,000m^3/ MW)	0.13	0.05	0.02	-50.92%
Power Consumption for Unit Output of Product (MWh/MW)	123	89	51	-42.40%
Water Consumption of Unit Product (t/MW)	1358	932	502	-46.19%

In 2021, three new factories (Trina Solar Technology (Yancheng) Co., Ltd., Trina Solar (Yancheng Dafeng) Co., Ltd., and Trina Solar Energy Development Company Limited) began to operate, and the production capacity was further expanded. The comprehensive energy consumption in 2021 increased by 19.01% compared with 2020, but the comprehensive energy consumption for unit output of product, natural gas consumption for unit output of product, power consumption for unit output of product, and water consumption for unit output of product decreased compared with 2020.

2.2.2 Water Withdrawal and Discharge

In 2021, the total water withdrawal of Trina Solar factories is 17.0840 million cubic meters, and the total water discharge is 11.7147 million cubic meters. The water withdrawal and discharge of each factory are shown in the table below:

Factory	Water Withdrawal in 2021 (1,000 m^3)	Water Discharge in 2021 (1,000 m^3)
Trina Solar Co., Ltd. (Changzhou Headquarters)	729.6	644.7
Trina Solar (Changzhou) Science & Technology Co., Ltd.	122.5	107.6

Factory	Water Withdrawal in 2021 (1,000 m^3)	Water Discharge in 2021 (1,000 m^3)
Yancheng Trina Solar Guoneng Science & Technology Co., Ltd.	1,113.8	540.9
Trina Solar Technology (Yancheng) Co., Ltd.	2,687.2	1,742.7
Trina Solar (Yancheng Dafeng) Co., Ltd.	31.9	26.8
Trina Solar (Suqian) Technology Co., Ltd	316.9	220.7
Trina Solar (Suqian) Optoelectronics Co., Ltd.	5,085.6	3,659.6
Trina Solar Yiwu Technology Co., Ltd	190.6	70.0
Trina Solar Science & Technology (Thailand) Co., Ltd.	913.2	730.5
Trina Solar (Vietnam) Science & Technology company Limited	4,954.4	3,331.1
Trina Solar Energy Development Company Limited	616.6	366.4
Wafer Branch of Trina Solar Co., Ltd.	321.6	273.7
Total：	17,084.0	11,714.7

2.3 Sustainable Targets and Measures

2.3.1 Targets and Measures of Energy-saving and Emission Reduction

Sustainable energy-saving and emission reduction targets：

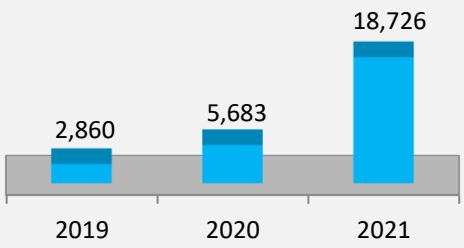
Trina Solar, as a leading PV enterprise dedicated to the development of green energy with global business coverage, has set sustainable development goals for 2025 and 2030:

- Compared with the base year of 2020, the GHG emission intensity (tCO_2e/MW) of Category 1 and Category 2 of solar photovoltaic products will be down 50% in 2025.
- Compared with the base year of 2020, the comprehensive energy consumption (tce/MW) of solar photovoltaic products will drop by 40% in 2025.
- Compared with the base year of 2020, the water consumption intensity (t/MW) of solar photovoltaic products will decrease by 20% in 2025.
- Actively promote and use renewable energy, and aim to achieve 100% renewable energy use in global manufacturing and operation by 2030.
- Establish and improve the waste "3Rs (Reduce, Reuse and Recycle)" policy to achieve the goal of "zero" landfill waste by 2030.
- Carry out energy-saving and consumption-reduction projects, and achieve the goal of saving 100 million kWh of power consumption in global manufacturing and operation from 2021 to 2030.

Trina Solar continuously reduces the GHG emissions through own rooftop photovoltaic power generation, energy-saving and GHG emission reduction projects in our manufacturing bases, etc., to contribute to achieve the goal of carbon peaking and carbon neutrality.

Photovoltaic rooftop power generation projects in our manufacturing bases

From 2019 to 2021, Trina Solar's rooftop photovoltaic power generation was 4,086 MWh, 8,119 MWh and 26,751 MWh respectively, and the GHG emissions reductions were 2,860.07 tCO_2e、5,683.43 tCO_2e、18,725.56 tCO_2e respectively in our manufacturing bases.



Compared with 2020, the emission reduction of rooftop photovoltaic power generation projects of the manufacturing bases in 2021 increased by **229%**

Energy-saving and GHG emission reductions projects in the manufacturing bases

Trina Solar has implemented energy-saving and carbon reduction projects in 2021, saving a total of 9.1250 million kWh, 27,000 tons of steam and 8,400 tons of carbon dioxide emissions per year.

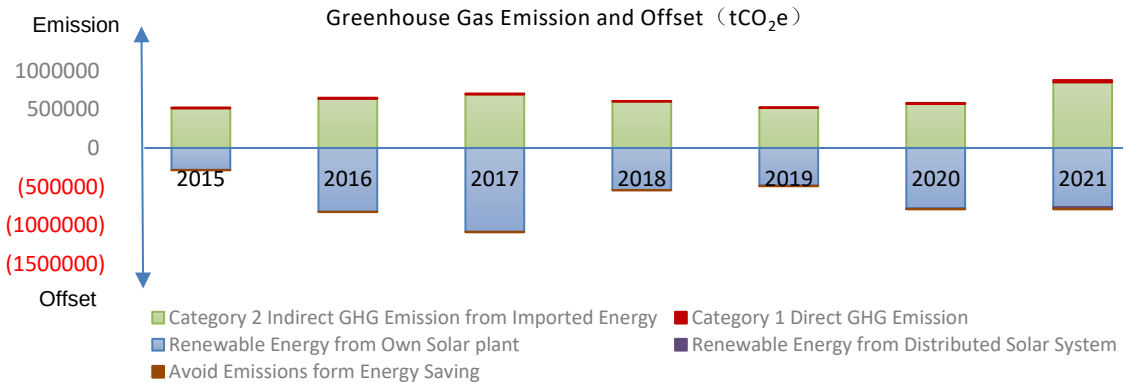
Year	Base / Factory	Brief Description of Main Energy-saving and Carbon-reduction Projects	Energy Saving (MWh / year)	GHG Emission Reductions (tCO_2e / year)
2021	Trina Solar Co., Ltd. (Changzhou headquarters)	Module vacuum pump natural cooling project: The facility department evaluated the use of cooling towers instead of chillers, exchanged heat through plate heat exchangers, and supplied cooling water within 30 degrees to the vacuum pump. When the cooling water temperature is higher than the water temperature required by the vacuum pump, open the chiller water valve to reduce the cooling water temperature (it's expected to be opened only in summer).	560	451
2021	Trina Solar Yiwu Technology Co., Ltd	Phase II project was designed with an openable air tower and posts air supply, increased air convection in the workshop, and reduced air conditioning and refrigeration. Compared with phase I and phase II under the same capacity, phase II consumed 1.35 million kWh less than phase I.	1,350	1,080
2021		The vacuum system has been used in the processes such as feeding machines of module glass and automatic turnover of cost modules to replace the original CDA vacuum generator, so as to reduce the use of CDA.	730	584
2021	Trina Solar (Suqian) Optoelectronics Co., Ltd.	Natural cooling: in winter and part of the transition season, turn off the medium-temperature chiller, make use of the outdoor low-temperature weather to obtain a free cold source, and reduce the power consumption of the chiller.	1,060	852
2021		Natural cooling and medium-temperature chillers were series for cooling. In winter and transition seasons, natural cooling can reduce the chilled water temperature of medium-temperature chillers, so as to reduce the power consumption of the chillers.	240	193
2021		The medium-to-low temperature cold source switching valve group has been added to the RAU of the C3 workshop. The low-temperature chiller and supporting water pump were disabled in winter and transition seasons,	535	430

Year	Base / Factory	Brief Description of Main Energy-saving and Carbon-reduction Projects	Energy Saving (MWh / year)	GHG Emission Reductions (tCO_2e / year)
		and the medium-temperature water was switched to cooling, so as to reduce the power consumption of the chiller.		
2021		All heat exhaust air of oxidation and coating equipment in the workshop was recycled. The heat exhaust air in the workshop has been recycled to the make-up air handling unit to reduce the enthalpy of fresh air in summer and reduce the power consumption of the chiller, increasing the heat and moisture content of fresh air in winter to reduce the consumption of steam.	Electricity: 900,000 kWh/yr Steam: 15,000 tons/yr	1,324
2021		MAU has added high-pressure micro-fog humidification to reduce steam consumption in winter and transition seasons.	Steam: 12,000 tons/yr	480
2021		First-stage No. 6 cooling pump has operated at variable frequency. It was controlled by variable frequency in winter and transition seasons and combined with a power frequency cooling pump in summer to reduce the power consumption of the water pump.	300	241
2021	Trina Solar (Suqian) Technology Co., Ltd	After installing heat shields on both sides of the lamination area, the heat was discharged to the upper roof of the workshop to reduce the heat diffusion to the workshop.	600	495
2021		The vacuum used in the original equipment of workshop No. 5 was converted by compressed air, resulting in a stable supply of compressed air and compressed air serious waste. Now centralized vacuum supply equipment has been used, and the vacuum system has adopted a separate pipeline to separate from the compressed air.	2,550	2,050
2021		First-stage No. 5 cooling pump has operated at variable frequency. It was controlled by variable frequency in winter and transition seasons and combined with a power frequency cooling pump in summer to reduce the power consumption of the water pump.	300	241
The total emission reduction is 8,400 tons of carbon dioxide through energy-saving and GHG emission reductions projects.				

As the world's leading developer of photovoltaic power plant, Trina Solar continuously reduce global GHG emissions through the solar power projects developed and held by Trina Solar, making a positive contribution to controlling the global temperature rise within 1.5℃.

Solar power projects developed and held by Trina Solar

Trina Solar's mission is "Solar Energy for All " and we actively promote the use of green energy. From 2015 to 2021, Trina Solar developed and held solar power plants in China with a cumulative power generation of over 6.8 billion kWh of clean energy, equivalent to a **reduction in CO_2 emissions of approximately 4.8 million tonnes**, which exceeded the cumulative power consumption of all manufacturing sites (5.768 billion kWh). In 2021, Trina Solar held solar power plants in China with a cumulative generation of over 1.09 billion kWh of clean energy, equivalent to a reduction in CO_2 emissions of approximately **760,000 tonnes**.



2.3.2 Targets and Measures of Water Saving and Waste Reduction

Sustainable water-saving and waste reduction goals：

- Establish and improve the waste "3Rs (Reduce, Reuse and Recycle)" policy, and realize "zero" landfill waste by 2030.
- Actively promote and use renewable energy, and aim to achieve 100% renewable energy use in global manufacturing and operation by 2030.
- Compared with the base year of 2020, the water consumption intensity (t/MW) of solar photovoltaic products will decreased by 20% in 2025.

In order to achieve the above sustainable water-saving and waste reduction goals, Trina Solar carry out water-saving and waste-reduction actions from the source, continuously optimize the production process, and constantly practice water-saving and waste-reduction.

Wastewater

In 2021, we reduced wastewater discharge by 2,500 tons and saved water by **777,100 tons** through measures of wastewater reuse, optimization of wastewater treatment processes, RO (Reverse Osmosis) concentration water reuse, and condensate recovery.

Solid waste

In 2021, we reduced solid waste by **1,023.18 tons** through process improvement, recycling, energy-saving publicity and other measures.

Water-saving Measures Implemented in 2021			
Factory	Type	Trina Solar's Water-saving Measures in 2021	Water Saving (1,000 m^3/yr)
Trina Solar (Suqian) Optoelectronics Co., Ltd.	Air-Conditioning Condensed Water Reuse	By reusing the air-conditioning condensed water as the make-up water for circulating cooling water, we have reduced the water consumption. According to the results of the water balance test, 164.44 tons of condensed water can be recovered per day. If the workshop air conditioner runs for 100 days, it can recover 16,440 tons per year.	16.44
	Recycle the RO concentrated water	Use RO concentrated water to displace running water for the acid mist tower, silane combustion tower, factory toilet, and wastewater treatment station. After project implementation, the water	433.62

Water-saving Measures Implemented in 2021			
Factory	Type	Trina Solar's Water-saving Measures in 2021	Water Saving (1,000 m^3/yr)
		consumption has been reduced by 433,620 tons every year.	
Yancheng Trina Solar Guoneng Science & Technology Co., Ltd.	Recycle the concentrated water	By transforming the cell pure water system, the daily loss of concentrated water could fully meet the production of the wastewater station, pharmaceutical preparation water, and the circulating water of the waste gas washing tower, which saved water consumption and reduced operating costs.	210
Trina Solar Technology (Yancheng) Co., Ltd.	Air-Conditioning Condensed Water Reuse	Collect condensate water from the air conditioners and use it as the make-up water for the cooling tower	80
Trina Solar (Vietnam) Science & Technology company Limited	Water discharge	Drainage system renovation and reclaimed-water reuse.	1
Trina Solar Energy Development Company Limited	Recycle the concentrated water	Taiyuan factory has used 100 tons of concentrated water every day for dosing devices of wastewater station, make-up water of waste gas tower, landscaping, flushing, etc.	36
In 2021, Trina Solar's factories have saved 777,100 tons of water through measures such as air-conditioning condensate recovery and concentrated water reuse.			

Waste-reduction measures implemented in 2021			
Type of The Measure	Factory	Main Content of the Measures	Annual Waste Reduction
Reduce solid waste	Trina Solar Yiwu Technology Co., Ltd	Since November 2021, each workshop has used extrusion tooling to reduce the amount of residual silica gel, and through process improvement, the 5-gallon silica gel bucket has been removed to reduce the glue-containing waste.	Annual reduction of 10 tons of glue-containing waste
Reduce solid waste	Trina Solar Co., Ltd. (Changzhou Headquarters)	1) The bottom glue of the original line box uses a 5-gallon plastic barrel, and the resulting packaging barrel is also disposed of as hazardous waste. During the new workshop reconstruction, the conveying pipeline was added from the large iron bucket to the gluing place at the bottom to replace the 5-gallon plastic bucket. 2) The residual glue in the silicone iron bucket should be used as much as possible in each shift, and the amount of waste silicone produced each time will be weighed and counted to ensure that it is controlled below 10kg.	Reduce the glue-containing waste by 24.75 tons.
Reduce solid waste	Trina Solar (Suqian) Optoelectronics Co., Ltd.	Classifying solid waste, and collecting resource-based waste, such as waste foam, cardboard boxes, small gaskets and so on, will reduce the total amount of solid waste. In 2021, the comprehensive generation of solid waste was 1,390.034 tons, 934.791 tons of resource-based waste was collected through classification, and the actual solid waste was 455.243 tons.	934.79 tons
Reduce solid waste	Trina Solar (Yancheng Dafeng) Co., Ltd.	The employees recycle and reuse the glue by manually scraping the residual glue in the barrel. Each barrel can be recycled about 4kg, reducing hazardous waste by about 72kg every day.	8.64 tons
Reduce sewage discharge	Trina Solar Co., Ltd. (Changzhou Headquarters)	Due to the shutdown of the silicon wafer workshop, the amount of waste water was reduced.	In implementation
Reduce solid waste	Trina Solar (Vietnam) Science & Technology Company Limited	Advocate the staff to reduce waste, recycle and use all kinds of waste	10 tons

Waste-reduction measures implemented in 2021			
Type of The Measure	Factory	Main Content of the Measures	Annual Waste Reduction
Reduce solid waste	Trina Solar Energy Development Company Limited	Advocate the staff to reduce waste, recycle and use all kinds of waste	35 tons
Reduce sewage discharge	Trina Solar (Vietnam) Science & Technology Company Limited	Drainage system renovation and reclaimed-water reuse.	1,000 tons
Reduce sewage discharge	Trina Solar Energy Development Company Limited	Ammonia nitrogen wastewater is used as fertilizer for greening after removing most of the ammonia nitrogen, reducing wastewater discharge	1,500 tons
In 2021, Trina Solar energy reduced 1,023 tons of solid waste and 2,500 tons of sewage discharge through various effective measures.			

2.4 Environment and Natural Resources

Protecting the biodiversity of nature is our primary concern before we decide to develop new projects or expand existing facilities. When planning new projects or power plants we carry out environmental impact assessments in line with local environmental protection regulations. We assess the positive and negative impacts of the proposed project on the environment of the community and take effective measures to protect the natural environment and biodiversity of the community where the proposed project is located.

Trina Solar has constructed a number of complementary solar power projects on fishing farm and agricultural facilities without changing the original use of the land, which is not only benefit to the protection of the ecological environment and alleviating land-use conflicts, but also renewable energy supply, and create dual value. Our projects provide clean and green energy to the communities.

As of 2021, Trina Solar has continuously assessed the major impact of operational activities to the environment and natural resources, and taken effective protection measures:

Project Type	The Significant Impact of Operational Activities on the Environment and Natural Resources and Actions Taken to Manage the Impact	Year of Implement ation
Multi-energy complementary integration of wind and solar energy storage + wind prevention and sand fixation	By the end of 2021, Trina Solar has completed the Hainan 100MW photovoltaic power plant project in Qinghai Province. The 50MW photovoltaic project under construction in Haixi Prefecture will bring more green productivity to the region. At present, Trina Solar has completed the project reserve of about 3GW in Qinghai Province. This time, together with Guohua Investment Company, we will jointly develop the Haixi Mangya 1GW wind and solar energy storage + wind prevention and sand fixation multi-energy complementary integration project, which will make a positive contribution to the optimization of energy structure and sustainable economic and social development in Qinghai Province.	2021
Construction of photovoltaic power and sand fixation project, and construction of photovoltaic power and mineral management project	Trina Solar won the bid in 2021 in Qinghai, Gansu, Inner Mongolia and other places, accumulating more than 3.7GW, carrying out the construction of photovoltaic power and sand fixation project and photovoltaic power and mineral management project in Tongliao and Alashan. We promote photovoltaic power generation, ecological management, and waste-land reuse, improving comprehensive land utilization, and providing green power resources.	Projects awarded in 2021
Agricultural solar lighting, fishing solar lighting integration	Trina Solar built a solar farm in Dorset, London. We set up bird houses and bat nests near the farm and planted local wildflowers while keeping the solar panels high without affecting the farm's continued grazing. Trina Solar built a 120MW 'PV plus fishery' project in Xiangshui, Jiangsu Province. The lower layer remains as aquaculture while the upper layer is PV panels, thus achieving sustainable economic, ecological and social benefits.	Historical year before 2021

Project Type	The Significant Impact of Operational Activities on the Environment and Natural Resources and Actions Taken to Manage the Impact	Year of Implement ation
	Trina Solar successfully built a 5MW 'PV plus agriculture' project in Menghe, Changzhou. A shed is constructed for ecological agriculture, where the roof is made of double-glass PV modules for clean power generation. The double-glass PV modules have strong permeability, thus keep the required illumination for the growth of crops. Trina Solar built a 51MW 'PV plus agriculture' project in the tea garden in Xishuangbanna, Yunnan. The transparent double-glass PV modules were used above the tea tree for efficient use of the space. The project generates about 80 million kWh/year clean solar energy, which reduces carbon emissions by 60,000 tonnes. In 2020, the 50MW agricultural solar complementary project was connected to the municipal grid in Lingshou, Shijiazhuang, Hebei. The project used the Trina Solar 210mm Vertex series ultra-high-power modules. The layout provided sufficient space for farming, while effectively reducing costs. This project achieved economic benefits both for agriculture and power generation, and opened a new era of ultra-high power photovoltaic in agricultural application in China.	
Reuse of abandoned land, photovoltaic power plant project	• Shanxi Yangquan 50MW leadership project The project made use of indoor wasteland in coal mining subsidence areas, coal gangue hills, mining backfill areas, etc., to build a series of PV power plants. Sticking to the base's ethos of"photovoltaic power generation, ecological governance and waste land reuse" , the operation improved land use efficiency, provided green power resources and consolidated comprehensive land use issues in coal mining subsidence areas. In addition, the project solved the living problems of local farmers and ecological treatment problems, promoting local ecological and economic development. • Anhui 170MW leadership project We built floating power projects above the water surface of mining subsidence areas, which not only provided clean power and improved the renewable energy ratio, but also solved the comprehensive treatment of mining subsidence areas. The reuse of wasteland helped boost local farmers' incomes, adjusted industry structure in this city of coal, and added to local tax revenue, which in turn has promoted the development of the local photovoltaic-related industry chain.	Historical year before 2021

2.5 Climate Change

Trina Solar has been actively playing a leading role in dealing with global climate change. While dedicated in reducing the carbon footprint of our products, we continuously cooperate with all relevant parties to jointly influence and promote the formulation and improvement of public policies to deal with climate change.

Field	Measures to Address Climate Change in 2021
Join the Science Based Target initiative (SBTi)	Trina Solar formally joined the global Science Based Targets initiative (SBTi) in July 2021 and signed the Business Ambition for 1.5°C Commitment Letter. This means that our company will use our ambitious emission reduction actions to help control global warming to 1.5 degrees Celsius.
Improved Resource Utilization	In 2021, Trina Solar achieved a reduction of 76.8% and 73.39% in power consumption and water consumption per MW module, and by 42.40% and 46.19% respectively compared with 2020.
Improvement of Environmental Management System	We took the lead in establishing a corporate energy management system in the photovoltaic industry as per the international standard ISO 50001. We also took actions about GHG emissions verification in line with the ISO 14064-1 standard on the organization level. We established a complete product carbon footprint verification system in line with the PAS 2050/ISO 14067 standard, aiming to continuously improve resource utilization, reduce GHG emissions and reduce resource consumption.
	Our company's mission is " Solar Energy for All " and we actively promote the use of green energy. From 2015 to 2021, Trina Solar developed and held solar power plants in China with

Field	Measures to Address Climate Change in 2021
Clean Solar Energy	a cumulative power generation capacity of over 6.8 billion kWh of clean energy, equivalent to a reduction in CO_2 emissions of approximately 4.8 million tonnes, which exceeds the cumulative power consumption of all manufacturing sites (5.768 billion kWh). In 2021, our company held solar power plants in the country with a cumulative generation capacity of over 1.09 billion kWh of clean energy, equivalent to a reduction in CO_2 emissions of approximately 760,000 tones.
	Our company fully implements the concept of clean production and green development. Each manufacturing base makes full use of the roofs of its plants, carports, building walls, etc., and builds and installs small distributed solar photovoltaic power plants to reduce the demand for traditional electricity and provide clean energy to supplement the office and production power of the manufacturing base. 26MW of distributed photovoltaic plants will be built at each manufacturing base in 2021, with a cumulative power generation of 26.75 million kWh, equivalent to a reduction in CO_2 emissions of approximately emissions by 19,000 tones.
Pollution Control Facilities	Trina Solar has established advanced wastewater and waste gas treatment facilities to ensure that the discharge of wastewater and emissions of waste gas stably meets environmental standard limits. The total EHS cost of Trina Solar in 2021 is about 105.4477 million yuan respectively.
Supply chain sustainability	Trina Solar pays attention to the sustainable development of suppliers, through a comprehensive supplier audit and evaluation process and a full range of supplier communication and interaction to continuously improve the overall competitiveness of the supply chain and build a sustainable and win-win supply chain system. Trina Solar not only pays attention to green development but also actively conveys and communicates Trina Solar's vision and goals for sustainable development to global partners. We fully integrate sustainable development into the procurement business and are committed to brainstorming from the actual situation with global partners to contribute inspiration and innovative solutions for the sustainable development of the photovoltaic industry. For example, Trina Solar has signed a strategic alliance agreement with the African Trade Center to tap potential and opportunities in photovoltaic plus solutions, energy storage, smart energy, and energy internet to jointly promote the development and utilization of low-carbon, green and clean energy in Africa. In 2021, Trina Solar was selected as the second batch of typical green supply chain management cases with excellent green supply chain management, together with Schneider, Dell Technology, Samsung, and Red Star Metro.
Green energy product	At the end of 2021, our cumulative shipment of PV modules was about 83GW. The PV modules convert sunlight into electricity, which can reduce carbon dioxide emissions by 111.7139 million tones per year compared to thermal power generation, assuming each panel is operating normally. Trina Solar strives to explore innovative solar energy application models and implement a 'PV plus' strategy. We make our contributions to the construction of ecological civilization and the response to global climate change. At the end of 2021, the cumulative grid-connected of Trina Solar's global solar power plants exceeded 4.6GW (this data does not include domestic distributed power plants). As of the disclosure date of the 2021 annual report, the overall shipment of modules exceeded 100gw, which is about 135 million tons of carbon dioxide emission reduction. Trina Solar strives to explore innovative solar energy application models and implement a 'PV plus' strategy. We make our contributions to the construction of ecological civilization and the response to global climate change. As of December 2021, Trina Solar's domestic power plant system business exceeded the expectation and achieved the target of 3.5GW + photovoltaic power plant, an increase of 200% over last year. The overseas power plant system business has achieved a single point breakthrough in many overseas countries, and many projects have been connected to the grid and put into formal operation.
National / Provincial and Municipal Level Green Factories	Has been appraised as national/provincial and municipal green factory list: Trina Solar Co., Ltd.

03 SOCIAL RESPONSIBILITY

The Company employs employees according to law, and provides equal employment opportunities for job seekers regardless of their gender, nationality, or religious belief and offers promotion opportunities according to their work performance. We promise not to use child labor and not to employ foreign personnel without government approval.

Ten Principles of the UN Global Compact		Our Actions
Society	Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights. Principle 2: make sure that they are not complicit in human rights. Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining. Principle 4: the elimination of all forms of forced and compulsory labor. Principle 5: the effective abolition of child labor. Principle 6: the elimination of discrimination in respect of employment and occupation.	• We strictly abide by relevant local laws and international conventions, ensure the employment equity of male and female employees, and strictly prohibit employment discrimination. • We hire employees according to law, and provide equal employment opportunities for job seekers regardless of their gender, nationality, or religious belief and offer promotion opportunities according to their work performance. We promise not to use child labor and not to employ foreign personnel without government approval.

United Nations Sustainable Development Goals（SDGs）		Our Actions
	Goal 1: End poverty in all its forms everywhere. Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture. Goal 3: Ensure healthy lives and promote well-being for all at all ages. Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. Goal 5: Achieve gender equality and empower all women and girls. Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all. Goal 11: Make cities and human settlements inclusive, safe, resilient and sustainable	• Conduct poverty alleviation with PV projects and care for vulnerable groups. • Fully support the protest work and fulfill social responsibilities. • Care for children in poverty-stricken areas and help poverty alleviation through education • Adhere to the employment principles of anti-gender discrimination and equality. • Be committed to creating a safe and healthy working environment for employees and provide clean energy products worldwide. • Carry out training on employee safety, skills, and human rights policy. • Resolutely not employ child labor and strictly prohibit forced labor. • Insist on the sustainable development of the supply chain and build a cooperative community. • Formulate the system on intellectual property protection and maintenance. • Improve product and service to increase customer satisfaction • Protect consumers' data and privacy

Chapter 3 Social Responsibility

3.1 Employment

We warmly welcome talents to join Trina Solar for our business development. As of December 31, 2021, Trina Solar had **17,586** employees in total (excluding consultants, interns, labor dispatch, outsourced workers, temporary workers, etc.). Trina Solar always focuses on talent cultivation and employee stability. However, due to the impact of the global epidemic and severe economic situation, there is a certain staff turnover.

Our policy is to create a creative and pleasant working atmosphere so that every employee can give full play to his/her potential. According to the *Labor Law of the People's Republic of China*, the *Labor Contract Law of the People's Republic of China* and relevant laws and regulations, we formulated the *Staff Handbook of Trina Solar*. Trina Solar hires employees according to law, provides employees with equal employment and promotion opportunities based on their performance, regardless of their gender, nationality, or religious belief. We promise not to use child labor and not to employ foreign personnel without government approval. No one shall be employed if he/she:

a) takes drugs, drinks to excess, or has other serious bad habits;

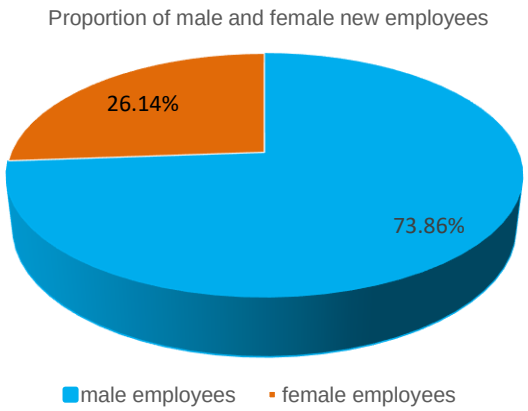
b) Has physical or psychological disease or defect that will affect the normal work of the position;

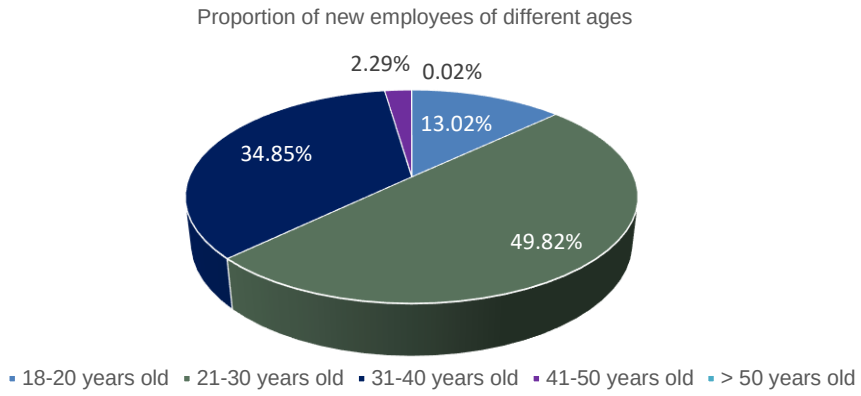
c) Has a record of law-breaking or crime that has not been closed or is being investigated; or

d) was dismissed by the Company due to bad conduct and serious violation of discipline.

Trina Solar always takes talents as the source power for our sustainable development. A flexible talent management mechanism is an important driving core of enterprise energy output. Therefore, we strive to build a dynamic talent ecosystem and create a working environment that allows employees to experience healthier and show more efficient performance. By continuously investing resources in the career development, physical and mental health, and cultural interaction of employees, we can ensure that the diversified and integrated team will create a win-win situation together with the enterprise. Besides, we continue to follow the talent management strategy, aim to attract and retain outstanding talents through performance management, training and education, competitive salary, and efficient talent incentive mechanism, and finally make employees give full play to their value. We are also committed to providing employees with a global development platform that gives them room to learn and grow at work and helps them become more excellent comprehensive management talents.

Trina Solar attracts talents through channels such as internet recruitment, campus recruitment, school-enterprise cooperation projects, directional training classes, and regularly special recruitment fairs of Trina Solar. Trina Solar strictly prohibits gender discrimination in employment to ensure that the proportion of female employees remains stable. In 2021, Trina Solar domestically recruited a total of 24,117 employees, including 17,812 male and 6,305 female, accounting for 73.86% and 26.14% respectively. In terms of age composition, 3,141 new employees are aged 18-20 and below, 12,014 employees aged 21-30, 8,405 employees aged 31-40, 552 employees aged 41-50, and 5 employees over 50, accounting for 13.02%, 49.82%, 34.85%, 2.29% and 0.02% respectively.





3.2 Occupational Health and Safety

3.2.1 Occupational Health and Safety Policy

The passion and commitment of employees is the driving force of our success. We care about employees' growth and development, and treasure their hard work and contributions. We promote their capacity and encourage them to innovate through training, education, performance management, and incentive awards, so as to enable employees to fully display their talents and to achieve the common growth and development together. The employees' safety and health are the foundation of our business. We integrate occupational health and safety (hereinafter referred to OH&S) management requirements into every aspect of the company's operation management. We are committed to creating a safe, healthy, and environmentally-friendly workplace for employees, helping them pursue a better quality of life, for them to grow and develop together with Trina Solar while improving work efficiency.

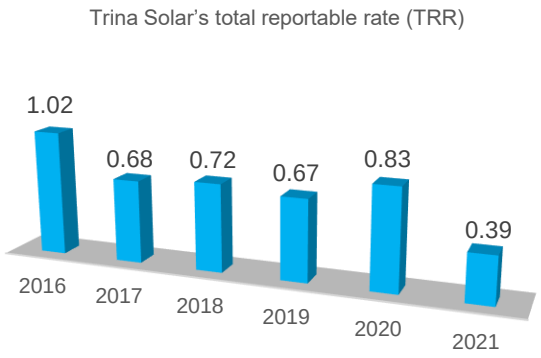
We believe that a sound OH&S management system can continuously help us improve OH&S performance. Our domestic and overseas factories have all established OH&S Management System – ISO 45001. We implement OH&S improvement programs in every stage, including plant design, construction, research and development, manufacturing, and packaging. We do our utmost to protect the safety of our employees, contractors, customers, and other stakeholders.

While providing clean energy products to the world, Trina Solar is committed to creating a safe, healthy, and environmentally friendly workplace for employees. Employees are our greatest asset. We have put EHS incidents/accidents management procedures in place to ensure that all incidents/accidents in the factories are reported and communicated promptly, effective and practical remedial measures are taken, and persons in charge who cause any serious accident are liable for the accident, so as to promote the factories' self-management and self-improvement.

We strictly abide by the national laws and regulations, industry standards, and procedures on providing a safe working environment and protecting employees from occupational hazards, which have a significant impact on the Group, including but not limited to the *Law of the People's Republic of China on the Prevention and Control of Occupational Diseases*, and the *Provisions on the Supervision and Administration of Occupational Health in Industrial Places*. Thus, we formulate and implement the enterprise standards for occupational health management and the policies on supervision and administration of occupational health, etc. To implement the above laws and regulations, strengthen the management of occupational disease prevention and control, and effectively ensure the health and safety of workers in the process of work, all subsidiaries and branches in the Group not only timely publicize and implement relevant laws, regulations, and policies but also regularly review and update the occupational health management system and policies to achieve the objectives of occupational disease hazard prevention and control. During the reporting period, the Group **did not** violate the above laws and regulations.

The Group always regards safety production as a top priority, strictly abiding by national laws and regulations on production safety and safe working environment, such as the *Safety Production Law of the People's Republic of China*, which have a significant impact on the Group. Thus, we formulate and implement relevant safety management policies, including the Safety Production Responsibility Policy, the Regulations on Hidden

Danger Investigation and Treatment, the Regulations on Safety Management of Major Hazard Sources, the Regulations on Safety Management of Contracting Projects, the Traffic Safety Management Measures, and the Safety Training Management, etc. To continuously strengthen the implementation of the safety management policies, the Group is equipped with **83** professional safety officers. During the reporting period, the Group **did not** violate the above laws and regulations. The safety production conditions were generally stable, and there were **no** equipment or fire accidents at a general level or above. Trina Solar's total reportable rate (TRR) in 2021 was 0.389, **lower than** the level in the past five years, indicating that Trina Solar always continued to strengthen the implementation of safety management policies.



In 2021, the number of working days lost due to industrial injury was 3,388 days (a total time of 9,208 h) in domestic production plants.

3.2.2 Occupational Health and Safety Measures

Trina Solar's EHS department formulated the Occupational Health Management Procedure, the Labor Protection Articles Management Procedure, and other relevant policies. Besides, the EHS department also took a series of measures on occupational health and safety, and tried to provide a safe and healthy production environment and workplace for all employees and contractors.

Production site:

- For new projects, design, construct, put into production, and use occupational health facilities in strict accordance with the "three Simultaneities" regulations on occupational health of national construction projects, which are approved by relevant qualified institutions upon evaluation and review;
- Continuously strengthen the management of occupational health facilities in operation to ensure their perfection and standardization;
- Set bulletin boards and notification cards at the entrance of the site, and warning signs of occupational hazards at eye-catching positions in the area;
- Formulate monitoring and evaluation of occupational disease inductive factors, occupational health monitoring, and file management. Meanwhile, we regularly monitor the occupational disease inductive factors, such as dust, lead smoke, noise, and power frequency electric field, on the production site.

Personal health and safety of employees:

- Continuously strengthen the inspection and maintenance of occupational health equipment and facilities to ensure them a good effective state;
- Provide the employee with necessary protective goods such as work clothes, insulating shoes, protective glasses, earplugs, dust masks, gas protective equipment, etc., so as to implement employee protection measures;
- Apply the policy of "prevention first", carry out occupational health knowledge training, and strengthen the publicity of occupational safety and health knowledge;
- Orderly organize employees to have regular occupational disease physical examinations, and constantly improve medical and health protection measures.

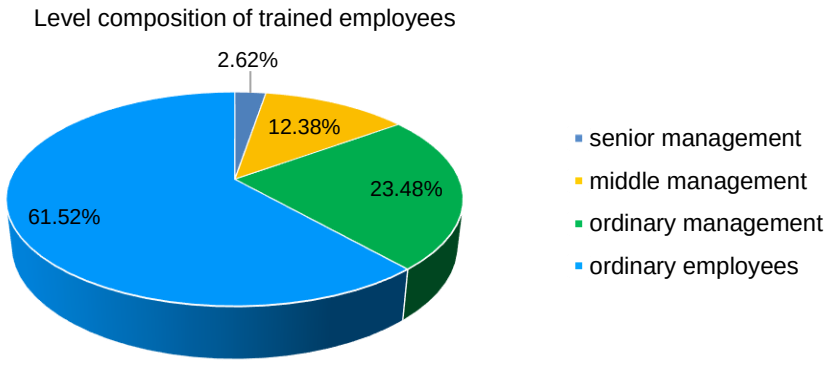
3.3 Staff Development and Training

The key to the success of the company and its employees lies in a mutual aid relationship of continuous learning and growth. The company provides development and training plans for the growth of employees, and organizes and manages relevant training programs, including skill and non-skill training, and makes employee training more reasonable and efficient.

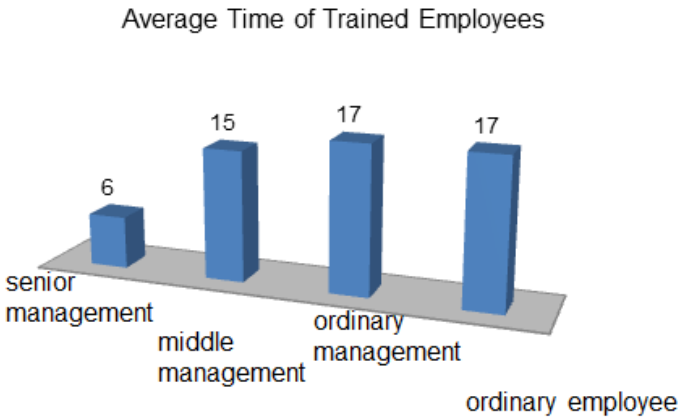
We provide training of safety, skills, and human rights policy, etc. Training is conducted online or offline, and employees may choose specific training modes according to their needs, including in growth and promotion. The offline training gives the energization experience to employees at different levels, including but not limited to:

- Echelon talent and starlight and cradle training programs;
- Pressure and emotion management;
- EQ management and other soft strength improvement;
- New manager growth courses, and industry competence improvement courses, for example, frontier energy internet technology.

The improved training system provides employees with dynamic growth space. In 2021, the total length of employee training in domestic companies was **92,605** hours, which greatly upgraded employees' skills. Trina Solar always helps to improve the knowledge and skills of all employees by providing training for personnel in different positions every year. In 2021, 140 senior managers, 660 middle managers, 1,425 ordinary managers and 3,733 ordinary employees received the above training, accounting for 2.35%, 11.08%, 23.92% and 62.66% of the trainees respectively.



In 2021, the average training time of senior management, middle management, ordinary management, and ordinary employees was 6, 15, 17, and 17 hours respectively in Trina Solar domestically.



Ordinary management training

Ordinary employee training

New employee induction training

Middle management training

3.4 Labor Rules

Trina Solar recruits employees by the open, fair, and equitable talent competition and selection mechanism, during the recruitment we strictly abide by the *Labor Law of the People's Republic of China*, the *Labor Contract Law of the People's Republic of China,* and the *Trade Union Law of the People's Republic of China*. Meanwhile, we resolutely do not employ minors under the age of 16 by strictly reviewing the information of candidates in the recruitment process, to prevent child labor. By law, we sign labor contracts with employees that clarify employees' salary, position, and termination reasons, and advocate equal and diversified employment policies, under which employees will not be discriminated against due to race, nationality, skin color, gender, and other factors. We establish a humanized leave system that ensures employees are entitled to paid holidays and other statutory holidays according to law, forbid forced labor, and give appropriate subsidies for labor beyond normal working hours according to relevant regulations. During the reporting period, **no** such phenomenon occurs that the Group violated relevant laws and regulations in preventing the use of child labor and forced labor.

Trina Solar shall take immediate measures in case of any violations foregoing-mentioned, mainly including:

- Stop child labor immediately;
- Report to the local labor bureau, and arrange health examination as soon as possible; In case of any disease, arrange medical treatment until recovery, and bear the medical expenses;
- Immediately contact the child's parents or legal guardians and arrange to return the child to his / her original place of residence as soon as possible; meanwhile, we are responsible for the transportation, accommodation, and other related expenses required for sending the child back, properly keep the expense vouchers to be used to verify whether the rule stated in this paragraph is abided by.

3.5 Supply Chain Management

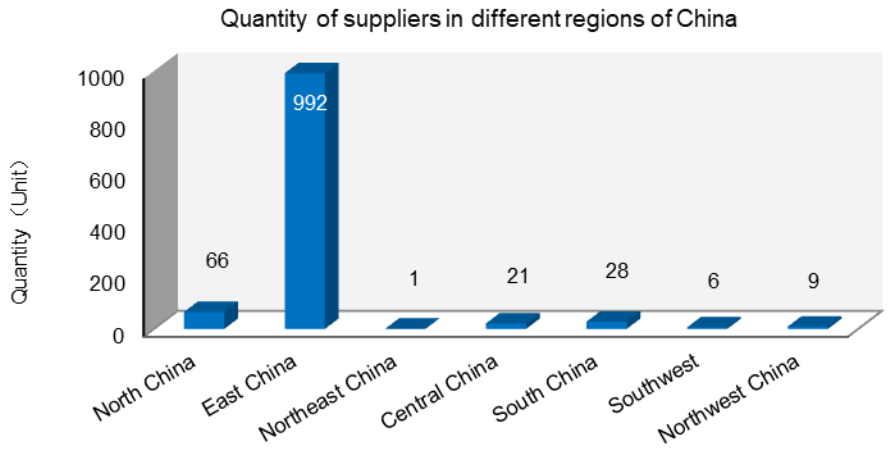
3.5.1 Environmental and Social Risk Policy of Supply Chain Management

Trina Solar implements dynamic management of suppliers. We dynamically manage all supplier information, status, and performance appraisal, to promote supplier improvement. We also establish a supplier performance

evaluation system so that regular evaluation can be conducted on the aspects of quality, cost, delivery, service, and innovation, whether to implement the commitment of legal employment and no conflict minerals, etc. Importantly, based on the evaluation results, we conduct communication and guidance, to promote their improvement. However, for suppliers who have not improved for a long time, we will gradually implement restricted procurement, freezing, and elimination. In the process of supplier development and dynamic performance evaluation, any supplier who does not provide the commitment letter of legal employment, conflict minerals, etc., will not be listed as our cooperative supplier.

3.5.2 Supply Chain Management Measures

In the business activities of the photovoltaic industry, Trina Solar's procurement chain covers more than 80 supplier types and more than 1,000 suppliers (see the figure below), including production raw materials, auxiliary materials, infrastructure, equipment, and accessories, as well as packaging, logistics and transportation, labor protection supplies, office supplies, and third-party certification services, etc. In 2021, Trina Solar's domestic suppliers are numerous and widely distributed in China and divided, by regions, into: 66 in North China, 992 in East China, 1 in Northeast China, 21 in Central China, 28 in South China, 6 in Southwest China, and 9 in Northwest China.



We are well aware that the sustainable development challenges and risks faced by enterprises are being increasingly affected by the supply chain. We push the continuous improvement of suppliers through the evaluation, audit, and ability training of suppliers, so as to jointly create a sustainable development model. For this, Trina Solar has also formulated supplier employment policies, such as the Supplier EHS Management Procedure, the Supplier Performance Evaluation Management Specification, the Supplier Quality System Audit Report, the Supplier Quality System Audit Checklist, the Module Business New Supplier and New Material Development Management Procedure, etc. In these policies, the evaluation methods of suppliers are clearly defined. Specifically, Trina Solar's suppler audit includes:

- Code of Ethics: Suppliers shall follow the code of ethics of fairness and integrity in all aspects of business conduct, procurement, production, and operation;
- Safety and health: Suppliers shall obtain and update all necessary health and safety permits, provide a safe and healthy workplace, and reduce accidents, injuries, and occupational health hazards;
- Environmental protection: Suppliers shall obtain, update, and abide by relevant requirements of, all necessary environmental protection permits, and adopt environmentally responsible manufacturing processes;
- Energy conservation and low carbon: Suppliers shall set and achieve necessary energy conservation and low carbon index, as well as social responsibility management objectives;
- Anti-discrimination: Suppliers shall maintain a workplace free of discrimination, physical or verbal harassment, and abuse in recruitment and other employment behaviors;
- Prohibition of child labor, forced labor, and abusing labor: Suppliers shall employ workers who reach the legal minimum age for employment and prohibit corporal punishment of employees and any form of forced labor, including prison labor, contract labor, bonded labor, military labor or slave labor;
- Free association and collective bargaining: Suppliers shall respect the right of employees to participate in, form or not to participate in trade unions;

- Integrity commitment: the integrity clause provides suppliers with an open complaint channel through which suppliers are encouraged to report any employee of Trina Solar once found breaching the business ethics to Trina Solar's compliance department, and Trina Solar designates someone to receive the report/complaint.

It is believed that periodic audit is an effective way to promote supplier self-management. So, we conduct a periodic on-site audit on key suppliers through document review, on-site inspection, and employee interview, thus to help suppliers improve their management performance in terms of environment, labor, and business ethics.

For the problems found in the audit, suppliers will be required to rectify them within a time limit. When serious problems are found, we will actively urge suppliers to improve their management systems and processes. If suppliers do not make sufficient progress in improvement, we will reduce procurement share or business cooperation opportunities, or even terminate cooperation.

To support and implement the material recycle strategy, Trina Solar joints supply chain actively so that we can timely track and recycle the use of packaging materials. In 2021, the recovery rate of our packaging materials is about **80%**. The recycling categories of packaging materials mainly include EVA wood lining board, tray, large paper pipe, plastic pipe, empty shaft of welding belt, carton of welding belt, wood tray of welding belt incoming materials, iron tray of glass, wood tray, etc. We count the information and quantity of packaging materials that need to be recycled after daily material release, and sort and pack the packaging materials to be recycled according to the operation specifications. We deliver them to the fixed recycle area at the warehouse site for registration and contact the supplier to timely recycle them. In addition, we also track and supervise the recycling of packaging materials on a monthly basis, to actively practice the material recycling strategy.

3.5.3 Conflict-Free Minerals

"Conflict minerals" refers to the mineral precursors of the metals tin, tantalum, tungsten, gold and cobalt mined in the Democratic Republic of Congo and its neighboring countries, of which the mining and sale may link to serious human rights and environmental problems. Tin-plated copper tape is used in producing PV modules. When we use materials involving tin-coated tape, junction boxes and terminals, or lead-free tin wire, we need suppliers to trace the origin of the minerals. Trina Solar has taken active actions since we realized that conflict minerals may enter our supply chain. Trina Solar attaches great importance to the issue of conflict minerals. We actively formulate the *Management Plan for Conflict Minerals of Trina Solar*, which states that Trina Solar neither purchases nor supports the use of conflict minerals, establish the management system, carry out supply chain conflict mineral investigation and identify mineral sources, and conduct conflict minerals training for key cooperative suppliers.

3.6 Product Liability

3.6.1 Product Stewardship Policy

We have put the Product Stewardship Policy in place to ensure the environmental protection and safety in the whole life cycle of our photovoltaic modules, including research and development (R&D), design, manufacturing, use and final disposal.

Product Stewardship Policy

1. Trina Solar conducts business in a manner that ensures compliance with all applicable laws, regulations and industry standards. We are committed to integrating environment, health and safety responsibilities into all stages of our product life cycle.
2. We believe that ongoing product stewardship, as well as ongoing improvement of products in environmental, health and safety aspects, is one of the cornerstones of sustainable business. We act in a responsible attitude and manner to protect our employees, customers and the communities in which we operate.
3. Trina Solar pledges to fully carry out effective product stewardship, to show our commitment and leadership so as to meet the customers' increasing demands on product safety and environment protection.
4. Trina Solar actively strives to develop new raw materials and products, and assesses their current and future potential risks in a responsible manner. We commit to conflict-free materials and products, and work diligently to promote sustainable development by way of ethical and green sourcing.
5. Trina Solar offers product guidance to customers, distributors and users to make sure that our products are safely transported, stored and used. We voluntarily participate in the product recall and recycling program for defective and/or end-of-life (EOL) solar modules.
6. We pledge to actively engage in coping with climate change by way of continuously enhancing energy efficiency and reducing GHG emissions.
7. We pledge to constantly focus on and protect employees' rights in the global supply chains. That means prohibiting the use of child labor and forced labor, including prison labor, contract labor, bonded labor, and other forms of forced labor.
8. Trina Solar periodically reviews together with stakeholders this policy to ensure that it remains adequate and continues to meet stakeholders' expectations.

3.6.2 Product Quality Complaint and Recall

Trina Solar has the Quality Management Manual in place, making clear requirements for products and services. Specifically, Trina Solar establishes and implements the processes related to customers, to control the determination on the requirements related to products and review such requirements and the communication with customers. Besides, Trina Solar established and maintained the Customer Feedback Procedure to ensure the effective arrangement for communicating with customers to meet customer requirements and expectations and better satisfy customers. Customer satisfaction is surveyed and evaluated annually to analyze customer satisfaction and dissatisfaction factors, make improvements and enhance customer satisfaction. When a customer raises a complaint, the customer satisfaction and global client service team finds out and resolves the complaint timely under the Customer Feedback Procedure, and if necessary, uses 8D to analyze the complaint's root cause and takes actions to give feedback. Furthermore, any return of goods from the customer shall be subject to the Customer Feedback Procedure.

In order to better serve customers, Trina Solar has set up an online customer complaint solution platform (CSP) and mobile app "customer voice". The customer may, after log-in, fill in and submit the necessary information. After receiving any customer complaint, the technical service personnel in any region of the world will check and confirm whether the information submitted by the customer is complete, so as to ensure correct judgment on the complaint and timely make the response within 48 hours; If necessary, the technical service personnel will contact the customer to arrange an on-site inspection at the project site, to further verify the situation and influence of the customer complaint. Finally, based on the judgment results, we will negotiate with the customer on solutions, such as replacement, maintenance, or compensation.

3.6.3 Intellectual Property Maintenance and Protection Policies

In order to further raise the core competitiveness of Trina Solar's intellectual property, raise the level of technological innovation protection and reinforce intellectual property risk control, in 2021, the intellectual property department led to, as empowered by the process management department and upon active participation and communication of relevant functional departments, formulate/revise the end-to-end IP management procedures, i.e. **11 Policies and Procedures** in total, mainly including standardizing the internal application and registration process of patents, trademarks, and copyrights, establishing the IP introduction, maintenance, protection, use, and disposal process, as well as the processes of IP risk early warning management, discovery and handling of infringement clues, and handling of infringement litigation, etc.

(1) Patent Incentive Policy

It defines the types, amount, and award principles of patent incentives, mainly including patent application award, core patent contribution award, annual patent inventor award, and IP right protection award;

(2) Patent Excavation and Application Process

It defines the patent layout planning, patent mining approaches, patent application process, as well as the relevant processes and requirements of patent review and subsequent patents in the review stage;

(3) Trademark Registration Process

It defines the trademark application process and the requirements for submitting important evidence of trademark use;

(4) Copyright Registration Process

It defines the copyright registration process and data requirements;

(5) Intellectual Property Introduction Process

It defines the requirements for IP introduction and the process of approval for the introduction;

(6) Intellectual Property Maintenance Process

It defines the patent value management, patent maintenance and abandonment process, and the trademark maintenance and abandonment process;

(7) Intellectual Property Use Process

It defines the application and management process for the use of IP between companies within the Group or by an external person;

(8) Intellectual Property Disposal Process

It defines the application and management process of pledge, sale or transfer of IP, or capital contribution with IP;

(9) Intellectual Property Risk Early Warning Management Specification

It defines the IP-related risk scenarios, such as general requirements for the R&D project process, early warning requirements for supplier's IP during procurement, and early warning requirements for the company's IP in daily business activities;

(10) Intellectual Property Infringement Clue Finding, Submission, and Handling Process

It defines the requirements for finding clues of intellectual property infringement, the requirements for the integrity and standardization of provided materials, and the process of submission of intellectual property infringement clues;

(11) Intellectual Property Infringement Litigation Handling Process

It defines the handling process of external intellectual property litigation, including the intellectual property negotiation and dispute handling process, and intellectual property division process caused by negotiation or dispute.

3.6.4 Quality Verification Process and Recall Procedure

In order to meet the commitment of quality objectives, quality assurance and customer satisfaction, Trina Solar has formulated the Quality Management Manual that defines Trina Solar's quality policy and also describes the quality management processes and approaches.

Quality Policy: Intellectual Innovation, Excellent Quality, Lean Operation, Customer Centric

Quality Verification Process

We have a strict Quality Inspection Management Procedure in place, which specifies the quality inspection requirements and procedures. Generally speaking, our quality management department shall confirm the testing plan before testing, and sort out and print the original form of this testing. When testing at the project site, testing personnel shall correctly operate the testing instruments and truthfully record the original observation data or phenomena. Reviewers shall double-check test data and data processing. If the test results are reasonable and valid, continue to the next test until all tests are completed. However, in case of abnormal conditions, testing personnel shall first ensure the safety of personnel, instrument, module, and power plant project, then analyze and determine whether to stop the testing. After the instrument and power plant are confirmed normal, analyze the saved test results. If the results are effective and can be used, then continue the test; If the results are invalid, reschedule the recoverable test; If the test cannot be continued, report to the quality management department. Abnormal conditions during the test shall be timely recorded in the original testing records and reported to the quality management department. After the test is completed, the quality management department is responsible for preparing, reviewing, approving, and signing the test report. The quality management department is responsible for issuing the approved report and keeping the test report as well as original test records.

Product Recall Process

In order to standardize the control and management of products delivered to customers with potential safety hazards or quality defects, and to minimize the adverse impact or injury to customer, the comprehensive management and support department has formulated the Product Recall Management Guide to guide each business value unit to deal with product recall. The quality management representative is responsible for the overall work of product recall, and each business quality department leads the product recall process.

We always uphold excellent product quality. In 2021, there was **no** recall of sold or delivered products for safety and health reasons in Trina Solar.

3.6.5 Consumer Data Protection and Privacy Policy

Trina Solar collects consumers' personal information strictly under the principles of openness, legality, legitimacy, and necessity. Thus, before the collection, Trina Solar must get consumers' authorization or consent. Consumers' authorization or consent may be sought by inserting the terms of consumers' authorization or consent to the enterprise's collection and use of their personal information in the user agreement, or through a separate privacy agreement or statement or other written manners.

Trina Solar's channels for collecting consumers' personal information mainly include its official website, official social media advertising, online conference, questionnaire, etc. Any channel collecting information will, through the information collection form page, inform consumers and get their authorization and consent before collecting their personal information.

3.7 Community

Throughout 25 years of development, Trina Solar has come to understand that apart from profit-making and commitment to shareholders and employees, the company has another important responsibility – for consumers and society. Trina Solar's development is inseparable from the support and recognition of customers, partners, and people from all walks of life. We always aim to stay true to our original mission "Solar Energy for All" and fulfill our social responsibilities. Contributing to society is an extension of the corporate citizenship concept and is in line with our long-term interests and the needs of social development. Bearing in mind the principle of "teaching one to fish is better than giving one a fish", Trina Solar draws on its core technology advantages and reliable product applications to support the construction and development of communities, improve local infrastructure and prove its worth in PV poverty alleviation, ecological protection, and social and economic benefits.

○ Social Welfare, Precise Assistance

On July 27, 2021, Trina Solar announced that we donated RMB 5 million for emergency relief and post-disaster reconstruction in Henan Province. This donation will be given through the local charity department of Henan to help the disaster areas to resume production and life as soon as possible. The rainstorm was ruthless, and stroke the heart of every person of Trina Solar! Trina Solar wasted no time to send warmth and aid to the people affected by the disaster.

In December 2021, in order to implement the decisions and arrangements of the CPC Central Committee and the State Council on rural revitalization, consolidate and expand poverty alleviation efforts and effectively link them with rural vitalization during the transition period, Siyuan·Sunshine Venture Fund attached great importance to the support and assistance to Hanbin District, Ankang, Shaanxi, thus donating RMB 500,000 to Ankang Charity Association for it to carry out the related support work in this district. The donation will be used for the industrial development of rural revitalization and the construction of public welfare assistance projects.

Xinjiang Urho 50MWp photovoltaic power generation project conducted by Trina Solar was connected to the grid at the end of last year and has been running well so far. On March 18, 2021, Trina Solar donated 350 sets of household appliances (1,050 pieces) to 350 villagers who chose to buy houses in the "Western Wuzhen" project where the project is located, including 80L electric water heaters, range hoods, and gas stoves, with a total value of nearly **RMB 1.8 million**. At the donation ceremony, the People's Government of Urho District

expressed its thanks to Trina Solar for helping the "Western Wuzhen" project and said that Trina Solar free of charge assistance demonstrated corporate accountability with practical actions and made the villagers feel care.

○ Educational Assistance, Resource Allocation

In February 2021, Trina Solar completed an off-grid photovoltaic power generation project at Sitagu International Buddhist Academy, Yangon, Myanmar, enabling the Academy to have a stable supply of electricity. The project is a part of the "Green benefits – Mekong-Lancang Cooperation (MLC) photovoltaic off-grid power generation project" sponsored by the Overseas Charity Foundation of China (OCFC), in which Trina Solar provides technical and partial financial support to the power development in Myanmar, Cambodia, and Laos. Considering the environmental conditions of Sitagu International Buddhist Academy, Trina Solar customized the solutions of a 50KW photovoltaic and 200kwh energy storage system which can generate 225 kWh and store 200 kWh of electric energy every day, addressing the Academy's power shortage.

In March 2021, assistance continued. The Laos campus project of Trina Solar's "Green benefits – Mekong-Lancang Cooperation (MLC) photovoltaic off-grid power generation project" was completed to provide power for the newly-built Pak Ngum vocational training school in Vientiane. The campus covers an area of thousand acres and can accommodate 160 students. As the school is located in remote mountainous areas with imperfect infrastructure, it is faced with the problem of long-term shortage of power supply. Thus, Trina Solar installed a newly-built solar energy storage off-grid power generation system composed of 50kW photovoltaic and 200 kWh energy storage module on the open space of campus by adopting a high-efficiency single crystal module, which can generate 225 kWh and store 200 kWh of electrical energy per day meeting the school's daily power demand.

In August 2021, the Cambodian project of "Green benefits – Mekong-Lancang Cooperation (MLC) photovoltaic off-grid power generation project" was completed to provide clean power for a local school. Specifically, Trina Solar APBU designed a solar energy storage off-grid power generation system composed of 50kW photovoltaic and 200 kWh energy storage module, which could generate 200 kWh of electrical energy per day meeting the school's daily power demand.

Myanmar photovoltaic off-grid power generation project

Green benefits – Mekong-Lancang Cooperation (MLC) photovoltaic off-grid power generation project

In February 2021, New China Research, the think tank of Xinhua News Agency, released a great documentary – "Chinese Poverty Alleviation Studies" to the world. In the documentary, nine vivid cases show China's poverty relief experience of realizing the miracle in the history of world poverty reduction that all 832 poverty-stricken counties and all absolutely poor people have been lifted out of poverty. One of the cases is the photovoltaic poverty alleviation project of Trina Solar's overseas factory that has attracted the attention and research of overseas think tanks, illustrating how China's photovoltaic industry converts the light into wealth on the ground and recording the footprints left by the "clean poverty alleviation" model in the history of poverty alleviation.

○ Labor Demand, Care Employees

Trina Solar provides a healthy community environment and regularly arranges moxibustion classes, etc. Since March 2020, we have vigorously promoted the concept of moxibustion health and spread moxibustion health knowledge. By the end of November 2021, more than 40 series of moxibustion training courses have been held to protect the health of employees and raise their morale.

Public welfare activities of Moxibustion in 2021

As the Belt and Road Initiative has been further promoted, more and more Chinese enterprises have explored business opportunities in Thailand. Trina Solar is one of them and has set up manufacturing factory in Thailand. It has 1,300 employees that 90% of them are Thai people, bringing strong employment growth for the local area.

Thailand factory and staff

PV Helps Community and Social Development

In January 2021, the second phase of the "Bosques de Los Llanos" photovoltaic power plant project developed and managed by Trina Solar in Colombia was connected to the grid, and the business launch was officially announced!

In April 2021, Trina Solar Investment PTE. Ltd. signed a memorandum of understanding with SUMEC Complete Equipment & Engineering Co., Ltd. for strategic collaboration to co-develop renewable energy projects across "the Belt and Road" countries.

In July 2021, Walk with The Light | Trina Solar's agricultural solar lighting projects were under construction in the Nangong City of Southern Hebei!

In July 2021, 210 Vertex Modules over the world | "Trina Blue" in for steel giants by use of 9MW distributed modules.

In July 2021, higher power generation! Grid connection of an agricultural - solar project built with Trina Solar's 100MW 210 Vertex Modules!

In August 2021, grid-connection of a Singapore 60MW photovoltaic project built with Trina Solar 210 Vertex Modules!

In September 2021, Trina Solar helps the successful grid-connection of Uzbekistan's largest photovoltaic power plant!

In September 2021, 670 Vertex Modules | grid connection of a 112MW PV power plant was successfully completed in Dachaidan, Qinghai, painting the northwest green landscape as a gift for the Mid-Autumn Festival!

TrinaTrackers perform excellent in the operation of the PV plant project in Huelva, Spain!

In November 2021, giving support to the "zero carbon wharf" model project of the World Expo in Osaka, Japan, Trina Solar's distributed optical storage solution was on the stage!

In December 2021, a large number of new 600W + distributed projects were carried out, and 210 ultra-high-power modules were installed on the roof. Trina Solar grandly released the Vertex 600W + ultra-high-power module distributed solutions. Besides, Trina Solar signed a strategic contract with 11 industry-leading photovoltaic module and inverter enterprises, and announced to jointly promote the distributed application of 600W + ultra-high-power modules.

Enterprise Honors

Scientific and Research Awards in the last three years

No.	Year Granted	Description of Award/ Qualification	Issuing Organization
1	2021.12	The First Prize of the 28th Jiangsu Enterprise Management Modernization Innovation Achievement	Jiangsu Enterprise Management Modernization Innovation Achievement Examination and Approval Committee
2	2021.11	National Technological Invention Award (Second Prize)	State Council of the PRC
3	2021.7	The 1st Jiangsu Science and Technology Innovation and Development Award (Outstanding Enterprise)	People's Government of Jiangsu Province
4	2021.5	Top 10 Scientific and Technological Innovation Brands	Jiangsu Brand Association
5	2021.3	Trina Solar 210 Supreme Technology Platform: Annual Technology Award	Optical Energy Cup Selection Committee
6	2021.3	2020 Jiangsu Top 100 Innovative Enterprises (the 5th Place)	Jiangsu S&T Development Strategy Research Institute
7	2021.1	2020 Jiangsu S&T Award (Second Prize)	People's Government of Jiangsu Province
8	2020.12	National Technical Innovation Demonstration Enterprise	Ministry of Industry and Information Technology of the PRC
9	2020.12	2020 Jiangsu Photovoltaic Industry Association PV S&T Award – First Prize	Jiangsu Photovoltaic Industry Association
10	2020.9	2020 China Renewable Energy Society Scientific Technology Advancement Award – First Prize	China Renewable Energy Society
11	2020.9	2020 Jiangsu Top 100 Innovative Private Enterprises (2nd Place)	Jiangsu Federation of Industry and Commerce
12	2020.7	The 21st China Patent Award 2019 (Excellent Award)	China National Intellectual Property Administration
13	2020.7	2019 Jiangsu Top 100 Innovative Enterprises (2nd Place)	Jiangsu S&T Development Strategy Research Institute
14	2020.4	2019 Jiangsu Photovoltaic Industry Association PV S&T Award – Third Prize	Jiangsu Photovoltaic Industry Association
15	2020.4	The 3rd Changzhou Patent Gold Award 2019	Changzhou People's Government
16	2020.4	The 2nd Changzhou Patent Gold Award 2018	Changzhou People's Government
17	2020.3	2019 Jiangsu S&T Award (Second Prize)	Jiangsu Provincial Department of Science and Technology
18	2019	2019 China Electrical Engineering Scientific Technology Advancement Award – First Prize	Chinese Society for Electrical Engineering, Chinese Office for Electricity Science and Technology Awards
19	2019	2019 China Electrical Engineering Scientific Technology Advancement Award – Second Prize	Chinese Society for Electrical Engineering, Chinese Office for Electricity Science & Technology Awards

No.	Year Granted	Description of Award/ Qualification	Issuing Organization
20	2019.12	National IP Rights Demonstration Enterprise	China National Intellectual Property Administration
21	2019.12	2019 Higher Education Scientific Research Excellent Results Award (Scientific Technology Advancement Award) – First Prize	Ministry of Education of the PRC
22	2019.11	2019 Electrical Innovation Award	China Electricity Council
23	2019.11	State Grid Corporation of China Scientific Technology Advancement Award – Second Prize	State Grid Corporation of China
24	2019.7	2019 The 11th Provincial Patent Award (Excellence Award)	Jiangsu Intellectual Property Office
25	2019.5	2018 Jiangsu Top 100 Innovative Enterprises (Top 3)	Jiangsu Provincial Scientific and Technological Development Strategy Research Institute, Jiangsu Provincial Scientific and Technological Intelligence Research Institute
26	2019.3	2018 Jiangsu S&T Award (Second Prize)	People's Government of Jiangsu province
27	2019.1	2018 Shanghai S&T Award (Second Prize)	Shanghai Municipal People's Government

Key Historical Honours

No	Time	Description of Award
1	2021.12	Trina Smart Distributed Energy won the "Top Ten Distributed Photovoltaic Brands in China".
2	2021.12	Trina Smart Distributed Energy won awards of "2021 Influential Outstanding Photovoltaic Innovation Enterprise" and "2021 Influential BIPV Solution Enterprise".
3	2021.11	Trina Smart Distributed Energy won the "2021 Outstanding Photovoltaic Enterprise Award".
4	2021.10	Trina Smart Distributed Energy won the "2021 China Distributed Photovoltaic Innovation Brand Award".
5	2021.10	Trina Solar was the only module manufacturer to be rated as 100% bankable for six consecutive years rating by Bloomberg New Energy Finance.
6	2021.9	Trina Solar was on the list of "2021 China's Top 500 Manufacturing Enterprises", "2021 Top 100 Leading Enterprises in China's Strategic Emerging Industries" and "2021 China's Top 500 Private Enterprises".
7	2021.9	China Energy News and China Institute of Energy Economics Research jointly released the "2021 Global Top 500 New Energy Enterprises", and Trina Solar was successfully selected.
8	2021.8	Trina Solar was awarded a silver medal of 2021 EcoVadis Sustainability Rating, for its persistent pushing sustainable development.
9	2021.7	Trina Solar was selected as a typical case of national green supply chain management.
10	2021.7	Trina Solar won the first Jiangsu Science and Technology Innovation and Development Award (outstanding enterprise).
11	2021.6	Trina Solar was listed in the CCTV's "Top 50 Value of the Science and Technology Innovation Board".

No	Time	Description of Award
12	2021.6	In the “Top Ten Highlights Selection” activity of the 15th SNEC exhibition, Trina Solar won all awards with excellent product and technical experience sharing.
13	2021.6	Trina Solar won “2020 PV Module Brand Value Award”, “2020 PV Power Plant EPC Brand Value Award", "2020 Outstanding PV Brand Capital Operation Award" and "2020 Global PV Storage Technology Innovation award".
14	2021.5	Trina Solar won the "2021 Top Ten Green Brands with Outstanding Contributions to Carbon Neutralization".
15	2021.5	Trina Solar won its seventh consecutive “Top Performer” certified by PVEL for the high-reliability modules.
16	2021.3	Trina Solar won the fifth place in the list of "2020 Jiangsu Top 100 Innovative Enterprises" released by Jiangsu Academy of Science and Technology for Development.
17	2020.12	Trina Solar was listed in the "Hurun China 500 Most Valuable Private Companies 2020, in association with Shimao Haixia", ranking 318.
18	2020.12	The 2020 World Internet of Things Convention (WIOTC) was held in Beijing and the summit of the world's top 500 WIOTC enterprises was held at the same time. Trina Solar was selected as the world's top 500 WIOTC by virtue of excellent scenario solutions and rich successful application cases, ranking 238, an increase of 104 over the previous year.
19	2020.9	Trina Solar was on the list of "2020 China’s Top 500 Manufacturing Enterprises".
20	2020.9	Trina Solar was on the list of "2020 Jiangsu Top 500 Private Enterprises", "2020 Jiangsu Top 100 Private Manufacturing Enterprises", and "2020 Jiangsu Top 100 Private Enterprises Innovation".
21	2020.9	Trina Solar was on the list of "2020 China’s Top 500 Private Enterprises” and "2020 China’s Top 500 Private Manufacturing Enterprises".
22	2020.7	Trina Solar was selected into the top 20 enterprises and top 10 high-end equipment enterprises on the science and innovation board. It is the only photovoltaic enterprise on the list.
23	2019.1	Trina Solar was awarded the "Landmark Brand in China's Photovoltaic Industry".
24	2018.12	Trina Solar won the “Enterprise Award of China Industrial Grand Prize”.
25	2018.8	Trina Solar won 2018 Global Challengers Awarded by the Boston Consulting Group at the 3rd time.
26	2016.2	Trina Solar was awarded the title of “Global Module Brand with the Most Financing Value" by BNEF.
27	2014.6	Trina Solar won 2014 “BlueSky Award - Global Top Investment Scenarios to Apply New Technologies for Renewable Energy Utilization".

Appendix 1: ESG Index

In order to enable stakeholders to understand the ESG information of Trina Solar, this report is compiled based on the Shanghai Stock Exchange's Guidelines for Environmental Information Disclosure of Listed Companies, the HKEX's Environmental, Social and Governance Reporting Guide, and the Shenzhen Stock Exchange's Guidelines on Social Responsibility of Listed Companies. The index is in the table below.

Note: ● Full Disclosure ◗ Partial Disclosure ○ Not Applicable or Not Disclosed

Index			Status	Section
ESG Disclosure Requirements —— A. Environmental				
Aspect A1: Emissions	General Disclosure, Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.		●	Emission Related Policies and Standards
	KPI A1.1	The types of emissions and respective emissions data.	●	Emission Related Indicators
	KPI A1.2	Direct (Scope 1) and energy indirect (Scope 2) greenhouse gas emissions (in tonnes) and, where appropriate, intensity (e.g., per unit of production volume, per facility).	●	Greenhouse Gas Emission and Intensity
	KPI A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g., per unit of production volume, per facility).	●	Emission Related Indicators
	KPI A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g., per unit of production volume, per facility).	●	Emission Related Indicators
	KPI A1.5	Description of emissions target(s) set and steps taken to achieve them.	●	Sustainable Targets and Actions
	KPI A1.6	Description of how hazardous and non-hazardous wastes are handled, and a description of reduction target(s) set and steps taken to achieve them.	●	Targets and Measures Of Water Saving And Waste Reduction
Aspect A2: Use of Resources	General Disclosure Policies on the efficient use of resources, including energy, water and other raw materials.		●	Use Of Energy and Resources
	KPI A2.1	Direct and/or indirect energy consumption by type (e.g., electricity, gas or oil) in total (kWh in '000s) and intensity (e.g., per unit of production volume, per facility).	●	Energy Consumption
	KPI A2.2	Water consumption in total and intensity (e.g., per unit of production volume, per facility).	●	Energy Consumption
	KPI A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them.	●	Targets and Measures of Energy-saving and Emission Reduction; Targets and Measures of Water Saving and Waste Reduction
	KPI A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency target(s) set and steps taken to achieve them.	●	Targets and Measures of Water Saving and Waste Reduction
	KPI A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	●	Supply Chain Management Measures
Aspect A3: The Environment	General Disclosure Policies on minimizing the issuer's significant impacts on the environment and natural resources.		●	Environment And Natural Resources

Index			Status	Section
and Natural Resources	KPI A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	●	Environment And Natural Resources
Aspect A4: Climate Change	General Disclosure Policies on identification and mitigation of significant climate-related issues which have impacted, and those which may impact, the issuer.		●	Climate Change
	KPI A4.1	Description of the significant climate-related issues which have impacted, and those which may impact, the issuer, and the actions taken to manage them.	●	Climate Change
ESG Disclosure Requirements —— B. Social				
Employment and Labour Practices				
Aspect B1: Employment	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.		●	Employment
	KPI B1.1	Total workforce by gender, employment type (for example, full-time or part-time), age group and geographical region.	●	Employment
	KPI B1.2	Employee turnover rate by gender, age group and geographical region.	○	Employment
Aspect B2: Health and Safety	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards.		●	Occupational Health and Safety
	KPI B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year.	●	Occupational Health and Safety Policy
	KPI B2.2	Lost days due to work injury.	●	Occupational Health and Safety Policy
	KPI B2.3	Description of occupational health and safety measures adopted, and how they are implemented and monitored.	●	Occupational Health and Safety Measures
Aspect B3: Development and Training	General Disclosure Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities. Note: Training refers to vocational training. It may include internal and external courses paid by the employer.		●	Staff Development and Training
	KPI B3.1	The percentage of employees trained by gender and employee category (eg: senior management, middle management).	●	Staff Development and Training
	KPI B3.2	The average training hours completed per employee by gender and employee category.	●	Staff Development and Training
Aspect B4: Labour Standards	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.		●	Labor Standards
	KPI B4.1	Description of measures to review employment practices to avoid child and forced labour.	●	Labor Standards

Index			Status	Section
	KPI B4.2	Description of steps taken to eliminate such practices when discovered.	●	Labor Standards
Operating Practices				
Aspect B5: Supply Chain Management	General Disclosure Policies on managing environmental and social risks of the supply chain.		●	Environmental and Social Risk Policy of Supply Chain Management
	KPI B5.1	Number of suppliers by geographical region.	●	Supply Chain Management Measures
	KPI B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored.	●	Supply Chain Management Measures
	KPI B5.3	Description of practices used to identify environmental and social risks along the supply chain, and how they are implemented and monitored.	●	Supply Chain Management Measures Conflict-Free Minerals
	KPI B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored.	●	Supply Chain Management Measures Conflict-Free Minerals
Aspect B6: Product Responsibility	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.		●	Product Stewardship Policy
	KPI B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	●	Product Quality Complaint and Recall
	KPI B6.2	Number of products and service-related complaints received and how they are dealt with.	●	Product Quality Complaint and Recall
	KPI B6.3	Description of practices relating to observing and protecting intellectual property rights.	●	Intellectual Property Protection and Guarantee System
	KPI B6.4	Description of quality assurance process and recall procedures.	●	Quality Verification Process and Recall Procedure
	KPI B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored.	●	Consumer Data Protection and Privacy Policy
Aspect B7: Anti-corruption	General Disclosure Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering.		●	Anti-corruption and Anti-Bribery Policy
	KPI B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.	●	Anti-corruption Training
	KPI B7.2	Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored.	●	Measures to Prevent Corruption and Bribery and Reporting Procedures
	KPI B7.3	Description of anti-corruption training provided to directors and staff.	●	Anti-corruption Training

Index			Status	Section
Community			●	Community
Aspect B8: Community Investment	General Disclosure Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests.		●	Community
	KPI B8.1	Focus areas of contribution (e.g., education, environmental concerns, labour needs, health, culture, sport).	●	Community
	KPI B8.2	Resources contributed (eg. money or time) to the focus area.	●	Community
ESG Disclosure Requirements —— C. Governance				
Appendix 27 - Mandatory Disclosure Requirements				
Governance Structure	A statement from the board containing the following elements: (i) a disclosure of the board's oversight of ESG issues. (ii) the board's ESG management approach and strategy, including the process used to evaluate, priorities and manage material ESG-related issues (including risks to the Issuer's businesses); and (iii) how the board reviews progress made against ESG-related goals and targets with an explanation of how they relate to the issuer's businesses.		●	Board Statement
	Corporate governance structure chart (including the Committee of the supreme governing body and the committee responsible for decision-making on economic, environmental, and social issues) and functions.		●	Governance Structure
Board	Composition and functions of the board and its committees.		●	Standardized Board Management
Stakeholder Engagement	List of stakeholder groups		●	Improve Information Disclosure Stakeholder Communications
	Percentage of the total number of employees covered by collective bargaining.		●	Stakeholder Groups and Materiality
	Stakeholder approach		●	Stakeholder Policy
	Main issues and concerns raised by stakeholders		●	Stakeholder Groups and Materiality

Appendix 2: Feedback

Dear readers:

Thank you for reading this report. In order to continuously improve the preparation of Trina Solar's environmental, social, and Governance (ESG) report, we sincerely hope to listen to your opinions and suggestions.

Please help complete the relevant questions raised in the following feedback form and choose the following methods to give us feedback:

Email: ESG@trinasolar.com

Thank you very much for your support!

Multiple choice questions (Please tick √ in the corresponding position)

Options	Excellent	Good	Average	Bad	Very bad
Overall evaluation of this report					
Do you think our company's implementation of sustainable development is full disclosure?					
Through the information disclosed in this report, what is your evaluation of the enterprise's performance in sustainable development?					
Please rate the readability of this report.					

Open questions:

Please put forward your other opinions and suggestions on Trina Solar's sustainable development work and this report:

Thank you!

Power Beyond Solar

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