Data Source

The data in this report is mainly from the original records of the company's operations. The information has been reviewed internally by the company and approved by management, and certain 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 greenhouse gas 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.

Designation

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

Currencies

Unless otherwise specified, any monetary amount cited in the report is in RMB.

Report Access

The electronic version of this corporate social responsibility report is available on Trina Solar’s website (http://www.trinasolar.com).

If you have any questions, suggestions or comments on it, please send an email to CSR@trinasolar.com.

Company Profile

Company name

Trina Solar Co., Ltd

Headquarters

Changzhou, Jiangsu, China

Establishment

December 1997

Chairman

Gao Jifan

Listed exchange

Shanghai Stock Exchange

Code of A share

688599

Abbreviation of A share

Trina Solar
**Financial Performance**

<table>
<thead>
<tr>
<th>Year</th>
<th>Operating income (million RMB)</th>
<th>Net profit attributable to parent (million RMB)</th>
<th>Basic earnings per share (RMB/share)</th>
<th>Weighted average return on equity (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>23,322</td>
<td>695</td>
<td>0.36</td>
<td>5.53</td>
</tr>
<tr>
<td>2020</td>
<td>29,418</td>
<td>1,229</td>
<td>0.64</td>
<td>8.94</td>
</tr>
</tbody>
</table>

**Environmental Performance**

<table>
<thead>
<tr>
<th>Year</th>
<th>Global clean energy generation (million kWh)</th>
<th>Material environmental breach (times)</th>
<th>GHG emissions per unit output (tCO₂e/MW)</th>
<th>Power consumption per MW module (MWh/MW)</th>
<th>Energy consumption per 10,000 RMB output value (tce/10,000 RMB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>695</td>
<td>0</td>
<td>98.57</td>
<td>123</td>
<td>0.0594</td>
</tr>
<tr>
<td>2020</td>
<td>1,117</td>
<td>0</td>
<td>57.42</td>
<td>89</td>
<td>0.0607</td>
</tr>
</tbody>
</table>

**Social Performance**

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of employees (p)</th>
<th>Employee training (h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>12,743</td>
<td>7,498</td>
</tr>
<tr>
<td>2020</td>
<td>14,130</td>
<td>21,535</td>
</tr>
</tbody>
</table>

**Note:**
- In December 2020, 99.9% of Trina Solar’s power generation of PV power plants is from China. With the commissioning of newly installed PV power plant in overseas in 2020, Trina Solar’s clean energy power generation is expected to rise rapidly in the coming year.

With 0.0594 tce/10,000 RMB, Trina Solar’s energy consumption per 10,000 RMB output value in 2020 was 0.0607 tce/10,000 RMB.
Dear stakeholders:
2020 was a challenging year for Trina Solar. With the outbreak of COVID-19, all businesses urgently entered a state of pandemic control, and the rapidly spreading pandemic took a heavy toll on the global economy, the new-energy industry being no exception. The company responded quickly and positively to ensure production and other operations could continue with as little disruption as possible.

In any event, 2020 turned out to be extremely fruitful for Trina Solar. It was managed to accelerate its global distribution, increase investment in scientific research and development, and even achieve record sales revenue.

The prevailing trend. On June 10, 2020, Trina Solar became the first issuing entity in the STAR Market, being the only photovoltaic company on the STAR Market, which includes upstream and downstream companies and those who have already been listed.

Trina Solar has established a sound quality management system (ISO 9001), energy management system (ISO 14001), and qualification and reporting of greenhouse gas (ISO 14064). It adheres to the initial dream and implements the Product Stewardship Policy and implement product quality and environmental protection at every stage of its product lifecycle.

In 2020, Trina Solar obtained the EPD: Environmental Protection Declaration in respect of three series of module products issued by UL of the United States and EPD of Italy, and protected our employees, customers and community in a responsible manner. On December 12, 2020, Trina Solar won the Green Development Award for its outstanding contribution to sustainable development at the People’s Corporate Social Responsibility Summit Forum. In 2020, the 25th People’s Corporate Social Responsibility Award Ceremony organized by People’s Daily and people.cn.

To better cope with fierce market competition and contribute to the construction of a carbon-free, energy-efficient and low-carbon society, we need to actively integrate into the tide of carbon neutrality and contribute to the construction of a carbon-free new energy world.

Message from Leadership

Caring for the Earth
Trina Solar, as the world’s leading provider of photovoltaic smart energy solutions, adheres to the concept of green development and protects green hills and deep waters with high-quality, efficient and low-carbon products.

By the end of 2020, the company’s module production capacity was about 25GW, and the trader business shipped 20GW. These products were sold to more than 100 countries and regions, contributing to reducing emissions and protecting the Earth. In the PV power system, the company has won nearly 500 photovoltaic bidding and power project PV power plant construction indications in China. We also signed a foreign power plant construction contract equivalent to 7,000 million yuan, which is the largest project currently under construction by a single entity.

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Caring for Employees
To better cope with fierce market competition and contribute to the construction of a carbon-free, energy-efficient and low-carbon society, we need to actively integrate into the tide of carbon neutrality and contribute to the construction of a carbon-free new energy world.

Caring for the Earth
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Contributing to Society
Trina Solar is keenly aware of its social responsibility as an excellent corporate citizen in all its activities, benefiting the people and the society in various forms.

Trina Solar responded strongly to the national call for a rural revitalization and photovoltaic poverty alleviation policy, and carried out photovoltaic poverty alleviation work in Ganu, Hebei, Shandong and other regions. Combined with local industrial characteristics and resource advantages, it selected poor areas with photovoltaic construction conditions to carry out photovoltaic poverty alleviation projects. For example, in 2020, the company’s photovoltaic power plant in Xianwu, Guizhou province, benefited poor 800 households in Dingshanyi county in the first phase and 3000 poor households in 93 counties and cities in the second phase. By the end of December 2020, 6 million yuan of poverty alleviation funds were paid in the first phase and 14.4 million RMB in the second phase.

In 2020, Trina Solar also applied to China Suzan Engineering Foundation for Povrty by Allocation for 700,000 RMB to build village-level photovoltaic power plants in the villages of Guanzhai and Meishan in Fengning county, Hebei province. It provided collective economic income of the village to rise by more than 30,000 yuan per person. At the same time, this fund was put to use to build household photovoltaic capacity in more than 40 poor families in the townships of Jianfeng county and the township of Tianzhi in Fengning county, producing a rise in household annual income of 1,800 RMB.

Responding to COVID-19
After the outbreak of COVID-19 at the beginning of 2020, the company took advantage of globalization and mobilized global resources to buy anti-pandemic materials and donated them to Jangpur Medical Team in Wuhan, Huashan Hospital of Fudan University Medical Team in Wuhan, FIFTH People’s Hospital Medical Team in Wuhan, and designated hospitals for Treatment of COVID-19 in Nantong, Changzhou, Yangqian and Suzhou through the Jangpur Charity Federation. As the pandemic spread, the company donated masks and other medical materials to Spain, Japan and the Maldives.

Looking ahead, green transformation has become a global consensus. In the era of new energy, the photovoltaic industry, and the construction of a new power system with new energy as the core, will usher in a new era of high growth in new energy. But, new energy will not be a cure-all. On the contrary, it is a necessary complement to fossil energy, and new energy transformation is only possible when fossil energy and new energy complement each other.

We strive to become the leader of the global energy Internet of Things, actively integrate into the tide of carbon neutrality and contribute to the construction of a carbon-free new energy world.

Gao Jifan
Chairman and CEO, Trina Solar
About Trina Solar

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- Stakeholder Communications
- Customer Service
- Shareholder Communications
- Materiality Analysis
- Supporting UN SDGs
- Challenges and Opportunities
About Trina Solar

Trina Solar CO., Ltd was founded in 1997. Its headquarters is in Changzhou, China and its main business focuses on photovoltaic products, photovoltaic systems and smart energy. The company engages in PV products R&D, manufacturing and sales, PV projects development, EPC, O&M, smart micro-grid and multi-energy complementary systems development and sales, as well as energy cloud platform operation. On June 2020, Trina Solar issued the first A-Shares on Shanghai Sci-Tech Innovation Board, becoming the first PV product, PV system and smart energy company listed on the Shanghai Stock Exchange Science and Technology Innovation Board, also known as the STAR MARKET.

Trina Solar has always adhered to the six strategies of Innovation, Branding, Globalization, Platformization, Intellectualization and Industry-Finance Synergy, leading development in terms of innovation level, economic benefits, product quality and environmental safety. With its outstanding technological innovation capability and leading globalization level, it has accumulated excellent brand reputation and public praise, and won numerous domestic and international awards.
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
- Trina Solar launches the Millions of PV Roof Plan and unveils China’s first residential PV brand, Trina Home.
- Gao Jifan is elected Vice-President of the National Energy Internet Industry and Technology Innovation Alliance.

2003
- Trina Solar participates in the Light Project helping to build 40 PV plants in western China.
- Completes China’s first solar PV building, the “Sun Hut,” featured in a promotional video for Beijing’s Olympics bid.

2006
- Lists on NYSE.
- Builds Trina PV industrial park.

2008
- Becomes first “solar industry shaper” at Davos World Economic Forum.

2010
- State Key Laboratory of PV Science & Technology is established in Changzhou headquarters.

2012
- Gao Jifan becomes the first President of the China photovoltaic Industry Association.

2014
- Launches Energy IoT brand-TrinaIoT.

2015
- Gao Jifan serves as Co-Chairman of GSC.

2017
- Launches Vertex 600W+ ultra-high power modules, leading the global PV industry into the era of solar 6.0.

2018
- Recognized as National Center for Enterprise Technology by the five ministries and commissions.

2019
- Trades on the SSE STAR market.

2020
- Milestones

About Trina Solar
Photovoltaic products

The world’s first-class manufacturer of photovoltaic modules

Vertex 210mm Ultra-High Power Modules:

Trina Solar’s Three Major Business Sectors

1. Photovoltaic products
   - The world’s first-class manufacturer of photovoltaic modules
     - Vertex 210mm Ultra-High Power Modules:
       - Trina Solar’s Vertex modules use 210mm cells, featuring high power, high efficiency, high reliability and high energy yield. Since the beginning of 2020, Trina Solar has launched 405W+, 500W+, 550W+ and 670W Vertex 210mm ultra-high power modules on the market, these being suitable in all settings from residential rooftops, commercial and industrial rooftops to large-scale power plants. Whether in terms of supply chain at the manufacturing end, inverter or tracker compatibility at the system end or customer value such as balance of system (BOS) cost and levelized cost of energy (LCOE), Trina Vertex ultra-high power modules have important advantages: non-destructive cutting; + High-density interconnection technology; + multi-busbar (MBB) technology, achieving efficient and reliable features; low voltage, high string power design; significant value in module products and greatly reduced BOS costs, thus bringing more customer value. At present, 600W+ ultra-high power modules have mature technical conditions and are accepted by the industry.

2. Photovoltaic system
   - The world’s leading provider of overall solar solution.
     - Portfolio of photovoltaic power plants
       - Project development of photovoltaic power plant
         - The business system, which focuses on core products such as photovoltaic products and batteries, 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 and O&M. As of December 2020:
         - Connected projects worldwide: 5 GW+.
         - Global pipeline: 7 GW+.

3. Smart energy
   - Intelligent energy storage solution
     - 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 a complete system solution throughout the lifecycle which includes 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.
   - Energy storage applications
     - New energy side energy storage solution: for large-scale photovoltaic power plants and wind farms.
     - User-side energy storage solution: for industrial and commercial premises.
     - Microgrid energy storage solution: for no-power areas and islands.
   - Energy storage industry chain
     - Lithium iron phosphate battery production line (planned annual production capacity of 10GWh)
     - Energy storage module production line (planned annual production capacity of 10GWh)
     - Energy storage container system integration line (planned annual capacity of 20GWh)
     - Supporting BMS/EMS/PCS

Energy Internet of Things (IoT)

In 2018, Trina Solar took the lead in releasing the Trina energy IoT “TrinaloT” 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, and are committed to becoming a first-class overall solution service provider for intelligent IoT application.

Smart distributed energy solution

With the mission of “solar energy for all”, Trina Solar insists on making photovoltaic enter thousands of households through innovation. It was thus that Trina’s smart distributed energy was born. This is a business of Trina Solar 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 has established a complete system integrating product research and development, market and sales, installation and after-sales, and intelligent operation and maintenance. It has built a digital and omni-channel ecological network and is committed to providing the best clean energy experience for end-users.

- Cumulative system shipments in four years: 2 GW+.
Trina Solar has regional headquarters in Switzerland, United States, Japan, Singapore and United Arab Emirates. It has also set up offices and branches in Germany, Spain, Italy, Mexico, Brazil, South Africa, Australia, South Korea, India etc. It has also set up production and manufacturing bases in Thailand and Vietnam, with operations in more than 100 countries and regions. We are committed to working with installers, distributors, utilities and project developers worldwide to build a sustainable solar energy industry, constantly leading the industry in technological innovation, product quality, environmental protection and corporate social responsibility, bringing clean and reliable solar clean energy to households and to commercial and large public facilities.
Milestones in 2019 and 2020

- On January 2, 2019, Trina Solar was recognized as a National Enterprise Technology Center by the National Development and Reform Commission. In the same year, Trina Solar also won the distinguished and advanced enterprise title by the National Development and Reform Commission, and was rated as excellent in the first performance evaluation.

- On June 11, 2019, Trina Solar entered the STAR Market of the Shanghai Stock Exchange, becoming the first company engaged in photovoltaic products, photovoltaic systems and smart energy listed on the STAR Market.

- In 2020, Trina Solar launched new generation products of Vertex ED0+ ultra-high-power modules, leading the global photovoltaic industry into the solar 6.0 era.

Important Awards in 2019 and 2020

- On May 10, 2019, Trina Solar was awarded second place in the top 100 innovative enterprises in Jiangsu province in 2019.

- On July 22, 2020, Trina Solar was selected as one of the top 20 companies in the STAR Market.

- On August 20, 2020, Trina Solar was awarded Bloomberg’s World’s Top Bankable Module Supplier for 3 consecutive years. On September 23, 2020, Trina Solar was once again selected as one of the Top 500 private companies in China (ranked 462) and as one of the Top 500 manufacturing companies in China (ranked 246).

- On November 25, 2020, Trina Solar was selected as one of Munich’s top 50 private companies in China (ranked 528).

- On November 27, 2020, Trina Solar was selected as one of the Top 500 Global New Energy Enterprises in 2020 (ranked 42).

- On December 3, 2020, Trina Solar was recognized as a National Technological Innovation Demonstration Enterprise.

- On December 20, 2020, Trina Solar was included in the top 500 Internet of Things rankings (ranked 238).

Corporate Culture

Core Values

Trina Solar, with a vision of “creating a carbon-free new energy world” and with the mission of “solar energy for all”, has formulated brand-new core values for the company in the 3.0 era. In the following, we will focus on the customer (C), persist in open innovation (O), hard work (H), dedication and hard work (D), excellence (E), share the responsibility and create value together (S).

Stakeholder Communications

Stakeholder Communications

- On December 2, 2019, Trina Solar was invited to attend the 2019 B20 Summit in Japan.

- On March 14-15, 2019, the G20 Business Summit was held in Tokyo. It focused on sustainable development and the new concept of Social 5.0, and those who attended discussed issues such as the state of the world economy, trade and investment, and digitalization. Trina Solar attended this event, representing Chinese companies.

- As the world’s leading photovoltaic company, Trina Solar, while advocating clean energy and promoting photovoltaic applications, also strives to convey the philosophies of innovation, inclusiveness, openness and symbiosis. Trina Solar’s businesses cover more than 100 countries and regions, creating employment for locals and enabling them to enjoy the fruits of solar energy technology innovation.

- Trina Solar will continue to regard innovation as its driving force, develop clean energy and energy IoT, regard promoting sustainable development as its responsibility, and explore markets in G20 countries.

Communication of corporate culture

To integrate the core values of Codes into every Trina employee’s daily behavior, and transform them from words to actions, we hope to ensure that core values are linked to all aspects of our business, to ensure that we maintain unified thoughts and actions in our daily operations, and to provide effective services to our customers in a consistent way.

Trina Solar represented at Boao Forum

From March 26 to 29, 2019, Gao Jifan, Chairman and CEO of Trina Solar CO., LTD, attended the Boao Forum for Asia Annual Conference. The group was again determined to demonstrate its commitment to drive development with innovation, accelerate the pace of energy transformation and use solar energy to benefit all mankind.

In sub-forums and discussion groups such as those titled “Energy Resources Leaders Roundtable,” “Changing Energy Industry,” “China-Japan CEO Dialogue” and “China-ASEAN Provincial Governors and Mayors Dialogue,” Gao Jifan said that the installed capacity of solar photovoltaic rose 104 GW in the world in 2018, and photovoltaics became the largest newly installed power in the world. In some countries, the price of photovoltaic power generation was close to or even lower than that of thermal power. According to a forecast of the International Renewable Energy Agency, the proportion of photovoltaic power generation would rise from 2% to more than 30% by 2050. The reconstruction of energy has begun, and the new energy era with solar photovoltaics as the main driving force has come. Having become a pace-setter, China’s photovoltaic industry will contribute more Chinese wisdom and Chinese solutions to the global low-carbon transformation with greater responsibility.

In the future, energy will build a sharing mechanism based on data sharing and intelligent interconnection to form a new energy system as part of energy marketization and the sharing economy. This new system is characterized by clean, low carbon, safety, autonomy and low costs. Eventually, photovoltaic will bring about the integration of solar energy, energy storage and hydrogen energy based on digital and intelligent technologies.
**Stakeholders**

- **Customer**
  - Product launch
  - Customer satisfaction survey
  - Customer audit
  - Meeting, exhibition and expo
  - Website

- **Employee**
  - Communication meeting
  - Roundtable and lunch meeting
  - HR hotline
  - Mailing for rationalization suggestions
  - WeChat platform
  - Employee training

- **Shareholders and investors**
  - General meeting of shareholders
  - Advisory and reverse roadshow
  - Performance briefing
  - Field investigation
  - Hotline

- **Communication Methods**
  - Website
  - Meeting, exhibition and expo

- **Communication Activities**
  - In 2019, Trina Solar held employee meetings yearly. Thousands of people, including executives, manufacturing employees and overseas employees are invited to gather and take part in the meeting online and offline.
  - In 2019 and 2020, more than 20 kinds of diversified cultural and sports activities were organized, and there were hundreds of diversified cultural and sports activities each year, including interest activities, traditional culture activities, reading activities and traditional festivals, including Women's Day, Youth Day, Mother's Day, Children's Day, Father's Day, Dragon Boat Festival, Mid-Autumn Festival, National Day, Christmas and other holiday-type online and offline activities.
  - In 2020, Trina Solar displayed leading products and business, including Vertex 210mm series ultra-high power modules, Trino and Trina Energy Storage to global customers on SNEC. Since 2014, the center has worked with independent third-party organizations to conduct independent global customer satisfaction surveys. According to surveys over the years, Trina Solar has been in a leading position in the competition ranking, especially in terms of customer referrals.
  - In 2019 and 2020, the company specially set up projects to improve customer satisfaction, made targeted improvements on matters with high customer attentiveness, set up a new customer service portal and mobile service platform, and set up a number of convenient service functions to improve customer feedback efficiency.

- **Government**
  - Sign cooperation memorandum
  - Participate in policy research
  - Participate in government's project

- **Business partners**
  - Sign strategic partnership agreement
  - Supplier meeting
  - Supplier research/audit
  - Supplier contractor training

- **Non-governmental organizations and community**
  - Participate in community activities
  - Employee volunteer activities
  - Participate in charity activities
  - Collect feedback from community
  - The local employees to improve profits and pay tax in accordance with law

- **About Trina Solar**
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  - Meeting, exhibition and expo

- **Communication Methods**
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  - Hotline
Customer service

Customer satisfaction and user experience are the utmost concern to Trina Solar Group, and its cultural values also put customers first. Over the past two years, the company has set up projects to improve customer satisfaction, made targeted improvements on matters that preoccupy many customers, set up a new customer service portal and mobile service platform, as well as a number of convenient service functions to improve the efficiency of customer feedback. Internally, the company also set up a product information management system to optimize packaging and improve product quality, effectively supporting the delivery of high-quality products and services.

Since 2014, Trina Solar has worked with independent third-party organizations to conduct independent global customer satisfaction surveys. According to the surveys over the years, Trina Solar has been a leader in competition rankings, especially in terms of customer referral rate. The company has signed an information confidentiality agreement with a third party. Independent third-party methodology and optional anonymity are adopted in the investigation process to ensure the independence and confidentiality of the investigation information and customer information. A global service hotline was set up in 2015 covering pre-sales and after-sales inquiry and service in respect of the module business. For major distribution markets, independent links and optional anonymity are adopted in the investigation process to ensure the independence and confidentiality of the investigation information and customer information. A global service hotline was set up in 2015 covering pre-sales and after-sales inquiry and service in respect of the module business. For major distribution markets, independent links and optional anonymity are adopted in the investigation process to ensure the independence and confidentiality of the investigation information and customer information.

Shaper ofer Communication

In June 2020, Trina Solar became the first Chinese PV product, PV system and smart energy company to trade on the Shanghai Stock Exchange Science and Technology Innovation Board. This marked the opening of a new chapter in Trina Solar’s innovative development. Trina Solar will maintain the advantages of its photovoltaic module business, based on which it conducts further research and development of commercial applications of ultra-high-power products, and developing photovoltaic systems and smart energy to create higher value for customers, continue to innovate, expand globally, and see out market opportunities, all of this with the aim of increasing returns and benefits to shareholders, investors, customers and society generally.

Materiality Analysis

Trina Solar uses various internal and external resources and channels to identify substantive issues of concern to stakeholders, and confirms the substantive issues of sustainable development covered in this report in accordance with GRI standards and the United Nations Sustainable Development Goals. (The factors to be considered when defining substantive issues and the identification channels of substantive issues are shown below.)

After identifying and listing materiality issues, we assign to them an order of priority in terms of stakeholder assessment and decision-making and their importance to economic, social and environmental impacts, and establish a matrix of these issues. Substantive sustainable development issues management can help us identify areas that need improving including the level of sustainable development management, and respond to the concerns of stakeholders more comprehensively and proactively. In addition, we regularly review and update the matrix of substantive issues with stakeholders to ensure that stakeholder expectations are always met.

### Materiality Analysis

<table>
<thead>
<tr>
<th>Substantive Sustainable Development Issue</th>
<th>Impact on Stakeholders</th>
<th>Materiality Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education and entrepreneurship</td>
<td>Traders</td>
<td>High</td>
</tr>
<tr>
<td>Charity</td>
<td>Employees</td>
<td>Medium</td>
</tr>
<tr>
<td>Protection of the rights and interests of employees</td>
<td>Customers</td>
<td>High</td>
</tr>
<tr>
<td>Environmentally friendly products</td>
<td>Investors</td>
<td>Medium</td>
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<tr>
<td>Sustainable development of supply chain</td>
<td>Stakeholders</td>
<td>Low</td>
</tr>
<tr>
<td>Environmental compliance</td>
<td>Government</td>
<td>High</td>
</tr>
</tbody>
</table>

### Factors Considered

- Reasonably estimable economic, environmental and social impacts
- Main topics and future challenges of solar industry
- Key applicable laws and regulations
- Corporate’s 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 releases, social media channels
- Meetings with customers, suppliers and government officials
- Third-party audit on management system
SDGs

SDG 1: End poverty in all its forms everywhere

- In December 2020, Trina Solar established the Siyuan Sunshine Fund to donate to and build a cultural activity center for Qunyi Village, Ximen town, Qingyun county, Guizhou province, which was completed the same month and can benefit more than 20,000 locals.
- In June 2020, Trina Solar made donations to Suzan Charity Federation for poverty alleviation.
- Trina Solar provided Zhenzhu Temple energy storage microgrid system (200kW solar power + 250kWh energy storage microgrid), with 32 modules, powering from 2019 to 2020.
- In October 2020, Trina Solar carried out a residential solar project to Pengying county for poverty alleviation, to the villages of Gushabu and Heixinshuan in Yangmushai township, each village building a village-level power plant costing 52,000 RMB. It is used for residential photovoltaic construction and donated to 13 households in the town of Heishan, 10 households in the township of Tameji, 10 households in the town of Huamebu and 10 households in the township of Xiaobai, totaling 43 households, each at 12,000 RMB.

SDG 2: End hunger, achieve food security, improve nutrition and promote sustainable agriculture

- Trina Solar set up a project, specialized for employee caring, by providing technology and allowing solar energy to bring benefits to thousands of island residents, hospitals, kindergartens, docks and schools.
- The Solutions for 27 Islands of Maldives was included in the Sustainable Energy Development Report of Chinese Private Enterprises’ “the Belt and Road Initiative” 2019 jointly prepared by the All-China Federation of Industry and Commerce, the Institute of International Trade and Economic Cooperation of the Ministry of Commerce and the Representative Office of the UN Development Programme in China. This project is the largest solar+ storage + firewood microgrid project in the Maldives, and can provide green power resources for 27 island residents and ensure the safety and stability of electricity consumption. The project is expected to save about 2.6 million litres of diesel oil and 8,100 tonnes of carbon dioxide emissions a year, providing the main power source for the lives of more than 11,000 island residents, hospitals, kindergartens, docks and schools.
- A stable project of photovoltaic power generation in the Maldives, and saved about 3.92 million tonnes of water.
- In 2019, as an exemplary case, Trina Solar provides microgrid integration for 27 islands in Maldives, which was included in the Sustainable Energy Development Report of Chinese Private Enterprises’ “the Belt and Road Initiative”.
- In 2019, the clean energy generation capacity of Trina Solar’s solar power plants in China was about 605.5 million kWh, and the power consumption of all manufacturing plants and R&D centers in China was 681 million kWh, exceeding power consumption by 24 million kWh. In 2020, the clean energy generation capacity of solar power plants owned in China was about 1.427 billion kWh, and the power consumption of all manufacturing plants and R&D centers in China was 705 million kWh, exceeding power consumption by 432 million kWh. This means that Trina Solar’s operation activities in China will once again achieve zero emissions and zero carbon production which was a green cycle in 2019 and 2020.

SDG 3: Ensure healthy lives and promote well-being for all at all ages

- Trina Solar’s caring volunteers have supported students from poor families in Liyang Daibu Primary School and Liyang Hengjian Primary School since 2019.
- Trina Solar strictly prohibits employment discrimination to ensure that all employees with a good working environment and welfare benefits, actively promote the localization of overseas employees, and promote the employment of the population where the factory is located.

SDG 4: Ensure inclusive and quality education for all and promote lifelong learning

- We have introduced flexible welfare plans for employees to let them choose for themselves and their families according to their own needs.
- We have increased our investment in education, training and cultural construction, created a good environment for talent growth, perfected the learning and development system of employees, and provided a strong training support system for employees.
- Since Trina University was established two years ago, it has supported Trina Solar to improve organizational capacity building and business model development, providing talent development and empowerment services for Trina Solar’s partners and customers.
- Trina Solar’s caring volunteers have supported students from poor families in Liyang Daibu Primary School and Liyang Hengjian Primary School since 2019.
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SDG 5: Achieve gender equality and empower all women and children

- In 2019, water consumption per MW module of Trina Solar fell by 28% compared with that of 2015. In 2020, water consumption per MW module of Trina Solar fell by 56% compared with that of 2015. The water-saving projects implemented from 2015 to 2020 saved 150 million tones of water.
- We strictly abide by relevant local laws and regulations and international conventions to ensure fair employment for male and female employees. Trina Solar strictly prohibits employment discrimination to ensure that the proportion of female employees in the company remains stable. While promoting the diversity of employees, we see to it to provide employees with a good working environment and welfare benefits, actively promote the localization of overseas employees, and promote the employment of the population where the factory is located.

SDG 6: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and strengthen capabilities of all institutions

- In 2019 and 2020, Trina Solar’s manufacturing operation and R&D process in China continued to contribute to carbon emissions during the whole production and produced clean photovoltaic products with clean energy.

SDG 7: Ensure access to affordable, reliable and modern energy for all

- We have been committed to providing energy efficiency improvement projects, explored and implemented energy-saving projects, and optimized energy use. In 2019, Trina Solar’s power consumption per MW module fell by 44.9% compared with 2015. In 2020, the power consumption per MW module of Trina Solar fell by 56% compared with that of 2015. The energy-saving projects implemented from 2015 to 2020 saved 25.2 million kWh of electricity and reduced carbon dioxide emissions by 20,000 tonnes.

SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

- In 2020, Trina Solar’s power consumption per MW module fell by 44.9% compared with 2015. In 2020, the power consumption per MW module of Trina Solar fell by 56% compared with that of 2015. The energy-saving projects implemented from 2015 to 2020 saved 25.2 million kWh of electricity and reduced carbon dioxide emissions by 20,000 tonnes.
- The development of a 1GW “photovoltaic+storage+hydro” power project leader project in Yangqiao, Shanxi province, and a 1.7GW project in Huaihua, Anhua province, provides green power resources, promotes comprehensive improvement in coal mining subsidence areas, solved the living problems of off-land farmers and ecological environmental governance problems, improved the local environment, promoted local economic development, and boosted the development of local photovoltaic-related industrial chains.

SDG 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and innovation

- In 2020, Trina Solar took part in the work of the Energy, Sustainability and Climate Taskforce of the B20 for the Group of 20 in Saudi Arabia.
- Trina Solar was invited to become a founding member of the Advancing Sustainable Development initiative by the UN Development Programme and signed a declaration on sustainable development, promising to support the implementation of global sustainable development goals and to achieve the UN 17 sustainable development goals in China by 2030.
International Economic Situation

Challenges and Opportunities

According to the International Energy Agency, from 2010 to 2019, the photovoltaic industry accounted for more than half of global investment of $2.6 trillion in renewable energy with $1.3 trillion. Solar will become the leader of renewable energy power generation.

Over the past five years, China’s photovoltaic industry-related companies have been involved in international trade disputes involving China’s photovoltaic cell products such as in the European Union, the United States and India, leading to 29 special tariffs that the US imposed on imported photovoltaic cells and modules. The EU, the US and other countries and regions collected the anti-dumping and countervailing deposits for photovoltaic cells and modules. In 2018, MIP was abolished in Europe, and more photovoltaic companies entered the European market, which squeezed profit margins. The uncertainty brought by the pandemic in energy development, and low-carbon and intelligence have become a critical strategy in reducing costs and continuing to grow. The energy industry thus faces tremendous growth opportunities that call for rapid technological innovation.

Countermeasures

Trina Solar occupies a strategic position in the solar industry through actively participating in global collaboration projects and strived for technological innovation.

• From 2020 to 2021, Trina Solar joined the Belt and Road Initiative energy collaboration project. As early as 2018, it began to provide microgrid integration solutions for 27 islands in the Maldives. This project is the largest solar + storage + wind microgrid project in the Maldives, and can provide stable green power for the 27 islands and reduce carbon dioxide emissions by about 8,100 tonnes a year.

• In 2019, Trina Solar helped Lister Shopping Centre in Sydney, Australia, to achieve the perfect combination of carbon neutrality and great customer experience.

• In 2019 and 2020, we started planning to take part in global climate change action initiatives such as RE100. We committed to the Science Based Targets initiative (SBTi) in 2018 and taking part in global action to deal with climate change through continuous actions every year.

Energy Transformation and Application of Energy Innovation Technology

Challenges and Opportunities

The demand and supply of energy is a common concern worldwide and the core of almost all major challenges and opportunities. Building a clean and low-carbon global energy system is a basic trend in energy development, and low-carbon and intelligence have become crucial in transforming global energy. For companies everywhere, energy efficiency has become a critical strategy in reducing costs and continuing to grow. The energy industry thus faces tremendous growth opportunities that call for rapid technological innovation.

Countermeasures

Trina Solar supports international and national carbon neutral strategies and has responded to climate change by:

• Passing the ISO 14064 verification of the quantitative system of greenhouse gas emissions and elimination at the organisational level in 2011; beginning the PAS 2060 certification of product carbon footprint in 2012; and achieved the ISO 50001 certification of energy management system in 2015 and taking part in global action to deal with climate change through continuous actions every year.

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Tackling Climate Change

Energy innovation technology has become a new trend and a strategic approach for the global energy industry. By promoting the use of photovoltaic power generation to thousands of households, thus has benefited all mankind in coping with climate change and improving the natural environment.

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Countermeasures

Trina Solar has always wanted to improve its operational efficiency and competitiveness in a responsible and innovative way, grasped the challenges and opportunities of sustainable development with stakeholders, and promoted sustainable social, economic and environmental improvement. When formulating sustainable development strategies and goals, we fully consider the risks and opportunities as important factors in product design, procurement, manufacturing and delivery. As the world’s leading photovoltaic company, we have passed certifications of ISO 14001, OHSAS 18001, ISO 45001 and other standard management systems, and established Trina Solar Risk Control Improvement Tracking System (RCTS), taking coping with climate change and using solar energy to benefit all mankind as our responsibility. The company has always focused on the opportunities and risks faced by the world and the operating location, promoting technological innovation and sustainable development of the photovoltaic industry, and has promoted the use of photovoltaic power generation to thousands of households, thus has benefited all mankind in coping with climate change and improving the natural environment.

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Corporate Governance

- Standardized Governance
- Organizational Structure
- Information Disclosure
- Investor Relations
- Risk Management and Internal Audit
- Legal Compliance, Control, and Ethics Construction
Corporate Governance

Standardized Governance

Being legally compliant does not just guarantee the survival of a company. It also provides the foundation for its very growth. Trina Solar has always adhered to compliance management by strictly abiding by legal, regulatory, and corporate governance systems. 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 the 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, responsible 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, providing an institutional guarantee for the company’s growth. At present, a standardized corporate governance structure is in place. Directors, supervisors and senior management of the company can faithfully and diligently perform their duties and effectively improve corporate governance.

By adhering to the philosophy of trustworthiness above all else and consciously abiding by applicable laws and regulations, international conventions and business ethics of the countries and regions in which its business premises are located, the company conducts itself in good faith throughout the whole process of production and business activities, creating value for stakeholders and striving to create a brand image of standardized operation and trustworthiness.

The company has won many awards by virtue of its well-functioning credit and risk compliance through training, publicity, assessment and accountability. We continue to build a compliance culture and strengthen employees’ awareness of laws and compliance through training, publicity, assessment and accountability.

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Organizational Structure

The company never ceases to evolve, adapting to the times and industry changes, improving its core competitiveness and sprouting new organizational vitality. Since 2017, the company has continuously optimized the way it runs 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. For the functional support teams, the company strengthens their awareness and ability to provide support, service and motivation to the business departments, and responds to the frontlines’ requirements quickly, sharing resources effectively. At the same time, through effective monitoring, it ensures a good balance is kept between business growth and risk management and control. Such optimization reinforces the company’s overall operational awareness, and the way it deals with customers, accelerates the speed of response to the markets, and optimizes the professional capabilities of departments.

The organizational structure of the company is as follows:
Information Disclosure

To further improve the company’s information disclosure system, during the reporting period the board secretary leads the work in establishing the Information Disclosure Working Panel covering business, finance, EHS, purchasing, 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 specifying and coordinating the transmission of significant information in the disclosure period of the report. Since listing in 2020, the company has disclosed 228 interim declarations and three 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.

Investor Relations

As the world-leading PV smart energy solution service provider, Trina Solar always sees its governance as highly ethical, giving its investors confidence as a corporate citizen, and in the past two years it paid a lot of attention to investor relations. In June 2020, the company completed share allocation in a transparent and regularized information disclosure system, with its high-quality declaration, issuance and issuance, with total funds raised of up to 2.5 billion RMB, and a price earnings ratio of 232 times higher than the average in the industry*. On June 12, Trina Solar was honored with the Changzhou National Hi-tech Park Enterprise Listing Award, reflecting investor confidence and the company’s robust health.

Since its listing, Trina Solar has disclosed relevant information in a timely manner according to the CSR’s and Shanghai Stock Exchange’s requirements, and has engaged extensively and closely with investors through roadshows, results meetings, investors’ collective reception days, phone meetings, investors’ communication platforms, online surveys, etc., and has responded to any investor concerns, thus promoting their understanding of the company.

Risk Management and Internal Audit

Risk management and control are essential in ensuring that a company grows in a stable manner. To better deal with internal and external risks and facilitate the company’s sustainable and healthy growth, the company is always looking to improve its risk control mechanisms.

Each year the Risk Management Department identifies strategic, operational, financial, legal and platform transformation risks to the company. It helps management formulate specific risk alleviation measures, thus minimizing the chance of significant losses in the company’s operations. With the impact of the pandemic in 2020, the Risk Management Department formulated a significant operation index risk pre-warning mechanism, so as to realize pre-warning of risks against significant operational indices and reduce the chance of adverse influences from the risks.

In line with the Company Law, the Articles of Association of Trina Solar and other laws and regulations, the company has established and continues to improve the legal representative governance structure, rules of procedure and decision-making procedures, sets up general meetings, the Board of Directors, the Board of Supervisors and operational management, setting out their rights and responsibilities, realizing their balance and operation in a regulated manner, and ensuring to exercise voting rights, decision-making rights, monitoring rights and execution rights. Trina Solar sets up the Board of Directors, formulates a series of systems such as the Working Rules of the General Manager, the Internal Audit Rules, etc. The Board of Directors sets up four special sub-committees internally in order to ensure reasonable, regulated and efficient decisions.

The Board of Directors sets up the Audit Committee and establishes the Internal Audit Department. To ensure that the business is in compliance with the applicable regulations and that risks are under control, the Internal Audit Department strictly follows the Internal Auditing Standards of China and the Articles of Internal Audit of Trina Solar, and conducts internal audit work according to the audit plan as approved by the Audit Committee and management, independent of individual business departments and functional departments. The audit covers various functions such as R&D, purchasing, manufacturing, sales, customer service, HR and finance. The audit scope and focus areas will be adjusted according to the business development of the company.

The company has established the Trina Solar Risk Control Tracking System (RCTS) to ensure it effectively addresses each audit finding. To strengthen synergy of internal monitoring and to solve identified audit issues, in recent years the company has continuously reviewed the way audits are conducted, in conjunction with departments such as finance, quality, purchasing, HR and EHS to comprehensively identify risks to the company and seek to improve operations.

Legal Compliance Control and Ethics

Trina Solar supports the UN Global Compact, always insists on legally compliant operations, and ensures that adherence to ethics and legal requirements is part of the company’s day-to-day operations. The company has formulated a series of rules and regulations, including the Trina Solar Code of Business Conduct and Ethics, Management Measures for Rewarding Whistle-blowing, the Anti-corruption Policies, the Anti-trust Policies, the Regulations on Awards and Punishment of Employees’ Behaviors, and uses these as guidance for employees, managers and suppliers. The Internal Audit Department has also set up a system that allows employees to report violations and helps our company’s investigations, ensuring that the company’s operations and management are always consistent with commercial behavior that is carried out in a way that is legal, fair and in good faith.

Corporate Governance

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Action Items

The open complaint channels, such as email, hotline, Trina Solar Anti-fraud reporting with award Platform, QR code scanning reporting platform, etc., are available in order to protect the legal rights and interests of the reporting parties and give appropriate awards.

New managers study Trina Solar Code of Business Conduct and Ethics to abide by them.

Personnel in key posts are obliged annually to disclose any conflicts of interest.

All employees are required to attend training sessions on the Code of Conduct and anti-corruption. Ethics and legal compliance courses are obligatory for new joiners in the learning platform. Qualified employees are eligible to pass their probation. The ratio of attendees accounts for 100%.

Open Complaint Channels

Ethics and legal compliance hotline:
+86-519-85176933
Anti-fraud reporting email:
IA@trinasolar.com
Product R&D and technology updating are development cornerstones for Trina Solar as it realizes sustainable development and maintains its leading position in the industry. The company continues to increase investment in R&D that allows for the running of high-end laboratories and a testing center. While respecting industrial IP rights, the company is always challenging technical thresholds to show the way with industrial standards.
Trina Solar’s World Records

Since 2011, the company and the SKL PVST have broken 21 world records with respect to solar cell conversion efficiency and PV module output power, becoming the first institute listed in the world’s most authoritative PV cell development map in China.

From 2019 to 2020, Trina Solar broke the world records for the 19th and 20th times.

(2011-2021) 21 world records
Product Innovation

Trina Solar respects others’ IP rights, continuously drives to promote innovation breakthroughs in PV technology, and leads and has taken part in formulating international and domestic standards several times.

We are committed to abiding by international and local IP rules. We have established the IP Rights Management Committee and formulated the General Rules of Management of IP Rights, Patent Management System, Procedures for Management of Business Secrets, etc., to protect Trina Solar’s IP rights.

At the end of 2020, Trina Solar had applied for a total of 1,092 patents, including 872 patents of invention (including 99 PCTs), and 49 international applications, and owned 888 valid patents, including 315 patents of invention (including three in the US, two in Europe, two in Japan and one in South Korea).

Trina Solar was appointed to be the National IP Advancement Enterprise in 2018 and the National IP Pilot Enterprise in 2019. In 2020, the company was granted the IP Strategic Advancement Plan Key Project in Jiaxing. The patent for monocrystalline silicon bifacial solar cell and its preparation method (patent No. ZL201610328025.3) was honored with the 3rd Changzhou Patent Gold Award.

Since 2019, Trina Solar has taken the lead in stating the case for research and development of 210mm modules. In 2020, Trina Solar prepared to launch the Vertex ultra-high power modules worldwide and take the lead to realize its industrialization. The Vertex series, based on a 210mm silicon PERC mono-crystalline cell, adopts an innovative design, and superimposes several industry-leading technologies such as multi-busbar, non-destructive cutting, and high-density interconnection technology. The power of the module is up to 670W, with its efficiency up to 21.6%, leading the industry to formally enter the PV 6.0 era.

In the course of R&D of the Vertex modules, Trina Solar’s R&D team forged into the future and, based on the multi-busbar that was the first for batch production in the industry, integrated the non-destructive technology and high-density interconnection technology into the Vertex module platform technology. This not only further reduces resistance loss and enhances anti-crack and hot spot proof performance of the modules, but also maximizes use of space and improves product performance. The combination of several innovative technologies makes Trina Vertex modules more efficient, and with higher power and reliability. Trina Solar creatively proposed the design philosophy of lower voltage and high string power. According to the assessment of the authoritative institute DNV GL, compared with traditional components, the Vertex series enhances the module string power by 28%-40%, lowers BOS cost 17%, and LCOE costs fell 5%-6%. After going on the market, the products became a huge focus of interest in the industry, drawing acclaim from rival companies and customers alike.

In 2020, Trina Solar put 600W+ ultra-high power components on the market, Trina Solar has creatively perpetuated its philosophy of continuously seeking to produce high-quality products. Since the Vertex modules were launched, they have become available in a range comprising 400W, 500W, 550W, 600W and 670W units. Trina Solar’s 210mm ultra-high power modules and system-integrated new technology platform has pointed to the future for the PV industry. Propelled by a vision of benefiting people and realizing carbon neutral, Trina Solar launched the GROWIN+ PV alliance, joining with others in the industry to drive the standardization of silicon wafer sizes, modules, supply chains and the industry chain.

Scientific Research Results

Aiming to accelerate the advance of the PV industry, in July 2020, companies in the industry chain of silicon wafer, solar cell, PV module, tracker, inverter, materials and equipment manufacturing joined to launch GROWIN+ Photovoltaic Open Innovation Ecological Alliance.

Since 2019, Trina Solar has taken the lead in stating the case for research and development of 210mm modules. In 2020, Trina Solar prepared to launch the Vertex ultra-high power modules worldwide and take the lead to realize its industrialization. The Vertex series, based on a 210mm silicon PERC mono-crystalline cell, adopts an innovative design, and superimposes several industry-leading technologies such as multi-busbar, non-destructive cutting, and high-density interconnection technology. The power of the module is up to 670W, with its efficiency up to 21.6%, leading the industry to formally enter the PV 6.0 era.

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From deploying the 210mm silicon wafer to launching 210mm Vertex ultra-high power modules, Trina Solar has creatively perpetuated its philosophy of continuously seeking to produce high-quality products. Since the Vertex modules were launched, they have become available in a range comprising 400W, 500W, 550W, 600W and 670W units. Trina Solar’s 210mm ultra-high power modules and system-integrated new technology platform has pointed to the future for the PV industry. Propelled by a vision of benefiting people and realizing carbon neutral, Trina Solar launched the GROWIN+ PV alliance, joining with others in the industry to drive the standardization of silicon wafer sizes, modules, supply chains and the industry chain.

Taking Part in Preparing Standards

- The SEMI Test Method for Cell Defects in Crystalline Silicon PV Modules by Electroluminescence (EL) Imaging (standard No. SEMI PV04-0420) determined by Trina Solar was promulgated in April 2020. After this standard was issued, it was to be implemented globally as a unified technical specification.

- The national standard “Acceptance specification of building integrated photovoltaic power systems” (standard No. GB/T 37655-2019) and the rubber components for solar photovoltaic (standard No. GB/T 38391-2019) that Trina Solar took part in preparing were unveiled in June and December 2019 respectively. They were to be implemented globally as a unified technical specification.

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We put our motto “solar for all” into practice throughout our business value chains by harnessing green energy, in this instance solar, and our commitment can clearly be seen in our research, development and production. We are a distributor of green energy as well as a practitioner of green development. We are committed to promoting business growth that goes hand in hand with environmental protection, and doing so through continuous innovation. We are eager not to leave our marks on the planet but to make a big mark in the way we contribute to protecting nature. In all our business operations we identify the environmental effects of our activities, pay attention to how sparingly we use resources as well as the potential for renewability and push ourselves to the limit to mitigate any negative effects caused to the Earth. In setting its 2020 sustainable development goals, Trina Solar is committed to working with its partners to conduct its business in an environmentally friendly, responsible and sustainable manner. Thanks to our global performance in corporate social responsibility and corporate citizenship, we were granted gold recognition level in EcoVadis’ Corporate Social Responsibility (CSR) assessment twice in a row.

Caring for the Planet

- Green Sustainable Development
- Tackling Climate Change
  - Reduction of GHG emission
  - Enhancement of Energy Efficiency
  - Environment-friendly Products
  - Innovation & Sustainable Development
  - Recycling and Disposing of Scrapped PV Modules
- Environment-friendly Operation
  - Sustainable Use of Water
  - Wastewater-Discharge
  - Reduction of Exhaust Gas Emission
  - Solid Waste Management
  - Green Office
- Biodiversity Management
- Sustainable Purchasing
  - Sustainable Development of Supply Chain
  - Conflict-free Minerals
  - Mutually Beneficial Collaboration with Suppliers

Electricity from clean energy sources exceeds electricity consumption

<table>
<thead>
<tr>
<th>Year</th>
<th>kWh 2019</th>
<th>kWh 2020</th>
<th>Decline in greenhouse gas emissions 2019-2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>14</td>
<td>412</td>
<td>68.6%</td>
</tr>
</tbody>
</table>

Reduction of consolidated energy consumption per MW module

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage 2019</th>
<th>Percentage 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>17.5%</td>
<td>29.5%</td>
</tr>
<tr>
<td>2020</td>
<td>85.6%</td>
<td>94.4%</td>
</tr>
</tbody>
</table>

Reduction of natural gas consumption per MW module

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage 2019</th>
<th>Percentage 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>44.3%</td>
<td>59.7%</td>
</tr>
</tbody>
</table>

Reduction of electricity consumption per MW module

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage 2019</th>
<th>Percentage 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>27.96%</td>
<td>50.56%</td>
</tr>
</tbody>
</table>

Decline in greenhouse gas emissions

<table>
<thead>
<tr>
<th>Year</th>
<th>Percentage 2019</th>
<th>Percentage 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>46.0%</td>
<td>68.6%</td>
</tr>
</tbody>
</table>
Trina Solar is dedicated to the development of solar energy in the global market. Since 2018, we have been honored as "Green Factor" by the Ministry of Industry and Information Technology of the People’s Republic of China. We strive to provide our customers with high-quality products and system solutions that are cost-effective with less environmental impacts. By responding to ever-increasing energy demand through the use of clean energy, we make sure to offer affordable and sustainable solutions in the face of challenges, which climate change and energy crises present with us.

We implement policies and procedures of green management in our production. In line with the ISO 14001 environmental management system and the ISO 50001 energy management system, we have formulated strict regimes on environmental emissions, resource use and energy management systems. The goals, focusing on conserving energy and reducing emissions in its business operations, includes both intensified energy use and the extent of variability in the decision-making process, and is committed to reducing any adverse environmental impacts that our own business activities may cause. We have conducted carbon emissions verification covering manufacturing sites in compliance with ISO 14064:2015. Our 2020 sustainable development goals have been fulfilled in response to our promises made for China’s 13th Five-year Plan (2016-2020). Compared with the base year 2015, for every production unit of each electricity power produced (MW), we pledging to reduce greenhouse gas emissions by 25%, comprehensive energy use by 10%, electricity use by 15% and water use by 10%. We are engaging in collaboration with global partners, academic institutions, governments and NGOs to promote the purchase of solar power. Trina Solar will accelerate green development by maximizing the use of solar power in dealing with climate change. Trina Solar has been planning to take part in the REDD climate change action initiative since 2020. We committed to the Science-Based Targets (SBT) in March 2022. Trina Solar supports the organization the United Nations Global Compact. Our mission is "solar for all". We firmly believe in sustainable development and are striving to contribute more economically, socially and environmentally to achieve the UN 2030 sustainable development goals.

Caring for the Planet

Our mission is to build a green and low-carbon planet. 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 responsibily and efficiently. Hereunder we pledge the following:

• Be committed to prevention of occupational injury and illness. Provide 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. Hereunder we pledge the following:

Our mission is "solar for all". We firmly believe in sustainable development and are striving to contribute more economically, socially and environmentally to achieve the UN 2030 sustainable development goals.

We encourage our downstream clients to join the Glass Recycling Committee of Japan.

We optimize the way of transportation.

Except incorporate the concept of environmental protection into R&D and improve the product conversion rate;

• Strictly limit material selection by including environmental concerns in product design. Minimize the environmental impact at the end of the product life cycle.

• Ensure sustainable use of resources.

• Improve energy efficiency continuously.

• Water and wastewater are treated in compliance with regulations and discharged in compliance with standards.

• 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

The group has always adhered to the highest standards of environmental protection principles in its operations. With a full coverage of our manufacturing plants in both China and abroad, we established a set of standard management process in compliance with the ISO 14001 environmental management system. We integrate concerns of ecological protection and environmental impact into the whole life cycle of our business value chains. The environment management policy and process are implemented effectively in our products, activities and services, covering site selection of manufacturing sites and PV power plant, designing and construction, to plant operation, taking local ecological protection and biodiversity conservation into account. Our care for the environment is embedded in the overall management process, which involves various departments in our process of sustainable management. Engineering department and global project development are responsible for local ecological protection and biodiversity conservation. The R&D department is responsible for developing products for higher conversion rate; the production department is responsible for improving the efficiency of energy using and resource using. The EHS and facility departments are responsible for treatment and discharge of wastewater, exhaust gas and solid waste in compliance with standards. Logistics and warehouse are in charge of finding solutions to reduce the environmental impacts of transportation.

Green Sustainable Development

Trina Solar has environmental, occupational health and safety, and energy management policies that are used as guidelines for our operations. We urge every employee to take personal responsibility for observing our guidelines and policies and promoting them.

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Tackling Climate Change

Trina Solar has long been active in responding to global climate change. Internally, we reduce the carbon footprint of our products and optimize the efficiency of resource utilization in production activities. Externally, we work with others to meet the needs of technological innovation. With the ever-increasing demand for clean energy, we will adopt energy-saving and emissions-reduction measures to cut greenhouse gas emissions, promote green development and jointly build an ecologically conscious society.

<table>
<thead>
<tr>
<th>Aspects</th>
<th>Countermeasures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set up 2020 Green Sustainable Development Goals</td>
<td>Trina Solar formulated the 2020 Sustainable Development Goal: Compared to that of 2015, reducing 30% of GHG emissions per MW module (tCO2e/MW), 30% of comprehensive energy consumption per MW module (tce/MW), 15% of electricity consumption per MW module and 10% of water consumption per MW module (t/MW). Since April 2020, we have paid keen attention to RE100 and Science-Based Targets (SBTs). We carried out work to prepare to join the RE100 global renewable energy initiative.</td>
</tr>
<tr>
<td>Improved Resource Utilization</td>
<td>In 2020, Trina Solar achieved a reduction of 44.0% and 90% in power consumption and water consumption per MW module compared to 2015. In 2020, Trina Solar achieved a reduction of 58.7% and 33.6% in power and water consumption per MW module compared to 2015. It is far beyond the goal of reducing power consumption by 15% and water consumption by 10% in 2020.</td>
</tr>
<tr>
<td>Improvement of Environmental Management System</td>
<td>We took the lead in establishing a corporate energy management system among photovoltaic industry in accordance with the international standard ISO 50001. We also took actions about GHG emissions verification in line with the ISO 14064 standard on 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.</td>
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Clean Solar Energy

Since 2016, Trina Solar has achieved “zero” carbon emissions for operations in China. In 2020, Trina Solar consumed 601 million kWh of power for all factories and R&D centers’ operations in China. The solar power plants owned by Trina Solar in China generated 605 million kWh of clean solar power. In 2020, the power consumption for all operations in China was 705 million kWh, and the clean solar power generation reached 11.2 billion kWh.

Pollution Control Facilities

In recent years, Trina Solar has established sophisticated wastewater and exhaust gas treatment facilities to ensure that discharge of wastewater and emissions of exhaust gas strictly meets environmental standard limits. In 2019, Trina Solar’s total environmental protection inputs reached RMB 44 million (about US$ 6.5 million). In 2020, Trina Solar’s total environmental protection inputs reached RMB 61.3 million (about US$ 9.6 million).

Internal Carbon Trading Scheme

Trina Solar actively participates in global GHG emissions reduction activities and programs to improve employee awareness of emissions reduction. We establish an internal carbon trading scheme. We setup an annual integrated energy consumption target for each department and carry out assessments monthly. We award carbon emissions bonuses for those departments who have achieved their targets, and impose carbon emissions penalties for those who have not fulfilled their carbon emissions targets.

Supply chain sustainability

Trina Solar has always been both a clean energy advocate and a carbon free practitioner. We actively participate in global emissions reduction initiatives. In 2021, Trina Solar took part in the GRI Council, C40-U.S Sustainable Urbanization of Paulson Foundation. This provides advantage for us to promote the development of clean energy technologies and make our contributions to worldwide emissions reduction campaign. We pay attention to the social responsibility of our global suppliers and partners. We continuously reduce carbon emissions in supply chain by promoting the optimization of the packaging methods, transportation modes, and increasing local supply of products and raw materials, so as to jointly promote the sustainable development of photovoltaic industry.

Green energy product

At the end of 2020, the cumulative shipment of PV modules was about 66GW. The PV modules convert sunlight into electricity, which can reduce carbon dioxide emissions by 88.83 million tonnes per year compared to thermal power generation, assuming each panel is operating normally. Trina Solar strives to explore innovative solar energy application model and implement PV+ strategy. We make our contributions to the construction of ecological civilization and the response to global climate change. At the end of 2020, the cumulative grid-connected of Trina Solar’s global solar power plants exceeded 50GW.
Reduction of GHG Emission
Trina Solar has been paying attention to sustainable development. We have conducted ISO 14064 GHG emissions verification and have disclosed our carbon emissions annually since 2016. We always look for opportunities to reduce GHG emissions in product design, production, and packaging processes. We continuously identify potential energy-saving projects, aiming for fulfillment of our commitment to sustainable development. Trina Solar conducts GHG verification annually in accordance with international standard ISO 14064 requirements. The scope of verification includes scope 1 - direct GHG emissions and scope 2 - indirect GHG emissions. We continuously monitor and improve our GHG management performance. Total GHG emissions for Trina Solar’s China operations in 2020 and 2019 were 5276 thousand tonnes and 5197 thousand tonnes of CO₂e, which was approximately 1.14% and 0.95% lower than that of 2018. Based on the requirements of “The Vienna Convention for the Protection of the Ozone Layer”, all the refrigerants and fire extinguishing agents used in Trina Solar plants do not contain ozone-depleting substances (ODS).

Enhancement of Energy Efficiency
Sustainable development requires not only clean energy, but also higher energy efficiency. Trina Solar focuses on reducing environmental impact from its operations. We strive to enhance our energy use efficiency while using our energy in a responsible manner. Trina Solar continuously reduces CO₂ emissions and makes our best efforts to produce more cost-competitive products and contribute to climate change mitigation.

Internal Carbon Trading Scheme
The primary energy mainly used in our company is natural gas. The secondary energy includes electricity and diesel. The energy-consumed media include water, nitrogen, oxygen and argon. We record and analyze the consumption of primary and secondary energy. Meanwhile, we calculate the consumption of indirect energy consumed media. We report them in the form of standard coal equivalent (SCE) consumption per MW module production on a monthly basis, i.e., integrated energy consumption (106kWh).

We implemented an internal carbon trading scheme for all domestic and overseas plants. We setup an annual integrated energy consumption target for each department and then performed monthly assessments. Based on the average carbon price in the domestic carbon trade market, we awarded carbon emissions bonuses for those departments who have achieved their targets, and imposed carbon emissions penalties for those who have not fulfilled their carbon emissions targets.

Green Factory
As a leader in the global solar industry, Trina Solar is committed to green manufacturing in terms of plant construction, raw material selection, production processes, waste utilization, and energy consumption, and strives to build a green factory with intensified plants, harmless raw materials, clean production, waste recycling and low carbon emissions. In the future, Trina Solar will actively play a demonstration role in green manufacturing, actively implement green strategies, green standards, green management and green production, and strive to build a green manufacturing system that is efficient, clean, low-carbon, and ecological. Trina Solar will lead the green culture.
In 2020, because of the addition of new factories and the expansion of production capacity, electricity purchased and integrated energy consumption has increased compared with 2019.


Compared to 2019, the reason for the decrease in natural gas consumption in 2020 is the suspension of boiler use at Changzhou plant.

### Energy Conservation Project Statistics

#### Trina Solar 2020 Energy Conservation Project Statistics

<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Energy Saved</th>
<th>Reduced Carbon Emissions (tCO2e/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yancheng plant</td>
<td>Updated chiller and CDA system, integrate control central system.</td>
<td>500 MWh/year</td>
<td>400</td>
</tr>
<tr>
<td>Changzhou plant (east)</td>
<td>Increased operative COP of chillers by adjusting water temperature, COP changed from 4.15 to 4.65.</td>
<td>875 MWh/year, cost saving of 566,000 RMB</td>
<td>700.8</td>
</tr>
<tr>
<td>Changzhou plant (east)</td>
<td>Added split air conditioner in some areas in PV module plant and solar cell plant, resulting in fewer chillers and operational hours.</td>
<td>2,154 MWh/year, cost saving of 1,464 million RMB</td>
<td>1,723.2</td>
</tr>
<tr>
<td>Changzhou plant (west)</td>
<td>Replacement of lighting system with energy-saving lamps.</td>
<td>547,700 MWh/year</td>
<td>41,312</td>
</tr>
<tr>
<td>Changzhou plant (north)</td>
<td>Facility room upgrade with a group control module. The control module will make precise adjustments based on the efficiency of all main equipment under various operating conditions, conduct comprehensive analysis and decide on the optimal economic operation strategy of equipment, system and overall energy station.</td>
<td>Cost saving of 1,398 million RMB</td>
<td>-</td>
</tr>
</tbody>
</table>

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<th>Reduced Carbon Emissions (tCO2e/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ywei plant</td>
<td>Reduced energy consumption of lighting.</td>
<td>530 MWh/year</td>
<td>400</td>
</tr>
<tr>
<td>Ywei plant</td>
<td>Air compressor heat recovery.</td>
<td>300 MWh/year</td>
<td>240</td>
</tr>
<tr>
<td>Yancheng plant</td>
<td>PCW free cooling retrofit.</td>
<td>400 MWh/year</td>
<td>320</td>
</tr>
<tr>
<td>Suzhou plant</td>
<td>Heat recovery from exhaust air to preheat supply air resulted in less steam use in preheating and lower frequency of filter alteration.</td>
<td>350,000 RMB/year</td>
<td>-</td>
</tr>
<tr>
<td>Changzhou plant (east)</td>
<td>Replacement of lamps and changes of operational hours to reduce the electricity consumption.</td>
<td>462 MWh/year</td>
<td>3373</td>
</tr>
<tr>
<td>Changzhou plant (north)</td>
<td>Replaced traditional chiller with high COP Maglev solution, which reduced energy consumption, resulting in the better and more stable system performance.</td>
<td>1,351 million RMB</td>
<td>-</td>
</tr>
<tr>
<td>Changzhou plant (north)</td>
<td>Replacement of lighting system with energy-saving lamps.</td>
<td>448 MWh/year</td>
<td>350</td>
</tr>
</tbody>
</table>

### 2019 energy conservation projects

- **Caring for the Planet**
  - **Electricity Consumption per MW** decreased by 17.5%
  - **Natural Gas Consumption per MW** decreased by 9.2%

### 2020 energy consumption

- **Natural Gas Consumption per MW** decreased by 94.4%
- **Electricity Consumption per MW** decreased by 59.7%
- **Integrated Energy Consumption per MW** decreased by 29.5%

### Notes
*Compared with base year 2015

*Compared with base year 2015
Environment-friendly Products

Creating a sustainable future requires cleaner energy. As the world's population continues to increase, dealing with this population's demand for energy has become an unprecedented challenge. We not only conduct our operation in a responsible manner but also contribute to meeting the growing demand for clean energy by establishing Product Stewardship Policy, technological innovations, efficiency improvement, and appropriate disposal of end-of-life PV products, so as to actively respond to global climate change.

Clean, Green Energy

Global energy system is accelerating the transition to low carbon. The large-scale utilization of renewable energy and the cleanliness & low carbonization of conventional energy will be the basic trend of energy development. Accelerating the development of renewable energy has become the mainstream of global energy transformation. Compared with traditional coal-/fired power generation, solar energy can significantly reduce CO₂ emissions. How we can produce more clean energy which can significantly reduce CO₂ emissions, is regarded as one of the biggest challenges we face. Trina Solar is committed to continuously exploring and applying technologies that increase PV product efficiency and help reduce CO₂ emissions. We strive to use the clean solar energy to promote energy transformation. We are committed to systematically addressing the issues of economic development, environmental protection and energy security and providing the clean solar energy to the public.

Trina Solar's Supreme series modules awarded a CCC first-class i photovoltaic leader certificate. On August 9, 2020, the 14th SNEC international solar photovoltaic and smart energy exhibition was in full swing. Trina Solar, with members of the 660W+ Photovoltaic Open Innovation Ecological Alliance, presented the seminar “system and application advantages of 660W+ high-module strong power output in the era of parity.” At the meeting, China General Certification Center (GCC Jianheng), a well-known third-party testing and certification organization in China issued and awarded officially the new “Standard Basic Certification” and “FrontRunner Frontier Technique Product certification” for Trina Solar Vertex ultra-high power modules. In 2020 the Vertex series modules products adopted an innovative design, and the power can exceed 670W; high string power features can reduce BOS and low LID.

Product life quality assured by reliability test

We set up reliability tests to give our products a longer life. Given that the average life span for the PV module is 25 years, Trina Solar has long been conscious of this challenge and has explored the optimization to extend the life cycle of our products to reduce the amount of discarded modules in the future. We continuously explore technical breakthroughs, knowing that longer-lasting products can reduce exploitation of the Earth’s precious resources. Laboratory reliability test use rigorous testing methods to simulate module performance under real environmental conditions to assess whether it meets the expected quality and reliability:

• Electrical performance test: module performance test under standard illumination and low illumination conditions;
• Safety test: test on grounding, insulation, voltage withstand;
• Mechanical performance test: hail and impact performance test;
• Exposure and hot spot test;
• Environmental aging test: UV test, mold & heat test, moist & freezing test;
• Immersion, salt spray test.

Product Stewardship Policy

Trina Solar is committed to protecting our employees, customers and communities in a responsible manner. We have put a Product Stewardship Policy in place to ensure product safety and environmental protection throughout the product life span, including R&D, manufacturing, transportation, use and end-of-life module disposal.

• Trina Solar conducts business in a manner that ensures compliance with all applicable regulatory requirements and industry standards. We are committed to integrating environmental, health and safety responsibilities into all stages of our product life cycle.

• We believe that product stewardship, the ongoing performance improvement of products in terms of environmental, health and safety aspects, is one of the cornerstones of sustainable business. We act in a responsible manner to protect our employees, customers and the communities in which we operate.

• Trina Solar pledges to implement effective product stewardship management programs, and strive our commitment and leadership to meet the customers’ increasing demands on safe and more environmentally sustainable products.

• Trina Solar actively strives to develop new raw materials and products in a responsible manner by assessing their risks for current and future generations. We commit to conflict-free materials and products, and work diligently to promote sustainable development by way of ethical and green sourcing.

• Trina Solar offers product guidance to customers, distributors and users so that our products are safely transported, stored and used. We voluntarily participate in takeback and recycling program for defective and/or end-of-life (EOL) solar.

• We pledge to actively engage in fighting against climate change by way of continuously enhancing energy efficiency and reducing CO₂ emissions.

• We pledge constantly to assess our global supply chains on the protection of human rights. That means prohibiting the employment of child labor and forced labor, including prison labor, contract labor, bonded labor, or other forms of forced labor.

• Trina Solar engages with stakeholders to periodically review the policy statement to ensure that it remains adequate and continues to meet shareholders’ expectations.

Innovation & Sustainable Development

In an innovation-driven PV industry, Trina Solar always focuses on developing leading-edge PV technologies and products with improved cell efficiency and reduced system cost. Trina Solar insists on technological innovation, and strives to transform the laboratory technology to commercial application as quickly as possible.

In 2019 and 2020, we continued to invest in product R&D. We have established long-term collaboration with the Singapore Solar Energy Research Institute, the Australian National University and other world-class R&D institutions to provide customers with efficient and environmentally friendly products and solutions. Trina Solar’s State Key Laboratory of PV Science and Technology has set 20 world records in terms of conversion efficiency and output power of photovoltaic cells and modules. The 6-inch (with an area of 143.35 cm2) BC full-rail side electrode solar cell independently developed by the laboratory has achieved efficiency of 25.54% (full area), it has been tested and certified by the Japanese third-party JET, and once again set a world record for BC cell efficiency. We believe these innovations not only extend our product variety, but also greatly improve the efficiency of resource use and enhance environmental protection, thus promoting sustainable development.

In July 2020, to create a new collaborative and innovative ecosystem through open collaboration, synergizing the main resources of the industry chain and integrating core processes such as R&D, manufacturing and applications, we jointly initiated and established the 600W+ Photovoltaic Open Innovation Ecological Alliance with many upstream and downstream companies in the industry chain, including silicon wafers, cells, modules, trackers, inverters, raw materials and equipment manufacturers.

Development of global PV power plants accelerates market scale of green power

In 2020, Trina Solar has signed 1.6 GW solar PV projects portfolio with 35 overseas PV power projects in Europe and Latin America to The Blue Fund, a global impact investing fund managed by TPG. Trina Solar will provide project development, design, procurement and EPC services of these projects to TPG. The total scale is about 5GW and amount of the transaction is around $700 million.
Recycling and Disposing of Scrapped PV modules

Many companies have not considered the problem of compliant disposal of scrapped PV modules which end product life cycle. As a responsible company, Trina Solar actively undertakes the responsibility to ensure compliant disposal of waste PV products. Trina Solar strictly abides by the e-waste management laws and regulations of the countries in which it operates, and proactively pushes for the recycling and reuse of waste electronic products.

Waste Electrical and Electronic Equipment Directive (WEEE, 2012/19/EU) specifies that manufacturers of electrical and electronic equipment must guarantee that waste products created in any EU member states must be recycled and reused, in order to ensure that electrical and electronic equipment, including PV modules, is properly managed by means of recycling, reusing, reclamation and regeneration. In 2012, for the first time, the Directive took PV modules and equipment into account. From February 1st, 2014 onwards, all photovoltaic manufacturers, distributors and installation contractors in Europe must fully abide by EU’s rules on waste management, including providing necessary funds and administration. All PV products must be labeled with the same “wheelie bin” LOGO designed by WEEE.

The specific regulations and timetable are listing below:
• Phase I (as of August 14, 2015): Scrapped PV modules recycling rate reached 75%, reuse rate reached 65%;
• Phase II (as of August 15, 2018): Scrapped PV modules recycling rate reached 80%, reuse rate reached 75%;
• Phase III (from August 15, 2018): Scrapped PV modules recycling rate reached 85%, reuse rate reached 80%.

Trina Solar always focuses on extended producer and has become a part of the non-profit organization PV CYCLE (European Photovoltaic Module Take-back and Recycling Organization) founded in 2007. PV CYCLE is committed to centralizing and customizing services for the recycling of global waste photovoltaic products.

• In EU member countries: PV CYCLE has a network consisting of hundreds of certified recycling points, waste transport firms and dedicated recycling facilities. It provides solutions for sustainable PV modules and uses recycled materials for making new products.
• In other areas: PV CYCLE provides customized services, for example, whoever needs an international parcel service can inquire on PV CYCLE’s website (www.pvcycle.com) or send an email to info@pvcycle.org.

Research breakthroughs in PV module recycling

Most of the valuable materials in PV modules, such as silicon, silver, copper and aluminum, can be recycled. The recycling of the materials saves resources and reduces energy consumption. As a leader in the PV industry, Trina Solar firmly believes that the recycling of scrapped PV modules has significant economic and environmental value. Progress made in the field includes:
• Development of a module disassembly device is undergoing prototype debugging.
• Development of backboard plastic material recycling is in the “separation + centrifugal system integration” phase.
• Experiment of recycling of solar cell (silicon) has been completed. The silicon powder purification experiment is in the processing.
Environment-friendly Operation

Trina Solar commits to adopt high-quality measures to utilize water resources and reduce wastewater emissions, exhaust gas emissions and solid waste disposal during production and operations. In order to ensure the realization of the company’s sustainable goals and compliance operations, we have included detailed implementation and supervision procedures in our EHS management procedures. We have established complete management procedures for the identification and evaluation of environmental factors, the prevention and control of water pollution, the prevention and control of air pollution, the management of solid waste and noise, and chemicals, including the monitoring of the entire process. Changzhou headquarters and all factories guarantee continuous and effective recording and monitoring of our water points, drainage points, exhaust gas discharge and waste collection points, every month.

The company has set up EHS management working group and authorized the person in charge to conduct regular inspections. This includes data monitoring, risk identification and diagnosis, and comprehensive water-saving measures and emissions reduction to reach defined targets. During the reporting period, we continued to complete compliance of environmental laws and regulations, ensure that the group and all factories are safety on operations and transportation, no compliance of environmental laws and regulations, ensure that the comprehensive water-saving measures and emissions reduction to reach defined targets. During the reporting period, Suisan solar cell plant managed to save to 150,000 tonnes of water and Yancheng plant up to 250,000 tonnes of water by reusing concentrated water.

Sustainable Use of Water

Efficient utilization of water resources has always been one of the important tasks of Trina Solar. We strive to optimize the operation of the production process and tracking performance data, continue to reduce the consumption of unit components of water resources. A lot of pure water and cooling water is used in the production process of PV modules. Based on our professional expertise in production and process control, we constantly innovate technologies of water use efficiency as we produce solar panels and cells. We have water saving goals for each factory and implement various water saving projects. The water we use comes from the Changjiang River, where we guarantee at each intake point there is no water issue for local residents. To carry out water conservation management, we set up water conservation goals for each workshop and implemented various water-saving projects, such as reuse of RO (Reverse Osmosis) rejected water, treatment and reuse of wastewater, collection of concentrated wastewater from air conditioning system etc. We set up a strict maintenance scheme to clean RO membranes to increase DI (De-ionized) water yield. With business expanding, total amount of water consumption is increasing. However, since we continued innovation technologies of water use efficiency, our water consumption per unit product has decreased since 2014.

2019 water consumption decreased per module production (MW) 27.96%

2020 water consumption decreased per module production (MW) 50.56%

Water Consumption per Module Production (L/MW)

<table>
<thead>
<tr>
<th>Year</th>
<th>Water intake</th>
<th>Water discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>1,897</td>
<td>1,685</td>
</tr>
<tr>
<td>2015</td>
<td>1,744</td>
<td>1,502</td>
</tr>
<tr>
<td>2016</td>
<td>1,736</td>
<td>1,530</td>
</tr>
<tr>
<td>2017</td>
<td>1,360</td>
<td>1,235</td>
</tr>
<tr>
<td>2018</td>
<td>1,358</td>
<td>1,235</td>
</tr>
<tr>
<td>2019</td>
<td>1,081.2</td>
<td>1,164.4</td>
</tr>
<tr>
<td>2020</td>
<td>3,035.2</td>
<td>1,164.4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measures Taken to Save Water</th>
<th>Result of RO Rejected Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>A list of ultra-pure water is needed in the wafering and solar cell manufacturing processes. A lot of RO (Reverse Osmosis) rejected water is discharged from UPW (ultra pure water) plants. We collect those RO rejected water and use it in those processes where high water quality is not required, such as pre-cleaning, alkaline cleaning, surface grinding, angle grinding in wafering workshops.</td>
<td>1.54% increase of DI water yield and reduce RO rejected water.</td>
</tr>
</tbody>
</table>

Water treatment

Trina Solar worked together with Wuxi Desal Water Investment to build a new water recycling plant. The plant was built using advanced dual-membrane (ultrafiltration and reverse osmosis) technology to treat industrial wastewater generated from the manufacturing process. The treated water was directed back to Trina Solar as supplementary raw water supply.

Wastewater Discharge

As a socially responsible company, Trina Solar strictly abide by the national Wastewater quality standards for discharge to municipal sewers (GB11962-2010) and emissions standard of pollutants for print industry (GB8978-2002) in planning and monitoring the production activities of all our Chinese factories. We ensure that wastewater is discharged into the urban sewage network after the required treatment to reach the required standard. The discharge water enters the urban sewage treatment plant for further treatment so that it does not affect surrounding water bodies. Since the factories were put into operation there have been no incidents of chemical leakage or excessive discharge of wastewater. We have made many technology innovations to achieve compliant wastewater discharge by exploiting wastewater denitrification and the phosphorus removal treatment method.

Wastewater denitrification treatment

The manufacturing base of Trina Solar is located in Changzhou, Jiangsu Province, belonging to the Lake Tai basin - one of the most developed areas in China. To meet the stringent requirement of ‘zero’ emission of nitrogen and phosphorus for projects within Taihu reserve regulated in Jiangsu provincial Administration of Lake Taihu Water Pollution Prevention and Treatment, we have completed the wastewater denitrification update project in West Campus and Northeast Campus. We successfully used the organic matter from wastewater generated in the wafering workshops as the necessary carbon source. We also used the small amount of phosphoric acid generated in the diffusion process as the phosphorus source for biological nitrification. Therefore we achieved the goal of ‘treating waste with waste’, and lowering the environmental impact.

Reduction of Exhaust Gas Emission

Trina Solar includes comprehensive air pollution prevention and control management procedures in its EHS management in accordance with laws and regulations. We do not emit ozone-depleting substances (ODS) into the atmosphere. We have a number of measures to control the emissions of exhaust gas within the allowable range of national and local standards. Trina Solar has built a range of scrubbers, such as acidic/calcic scrubbers, organic scrubbers etc., to remove pollutants from air emissions according to relevant laws and regulations, to lower down the concentration of emissions and to avoid or lessen the hazards that arise from air pollution.

In order to meet the on-going stringent emissions requirement, the plants in headquarters, Changzhou invested 7.4 million RMB to upgrade the acidic scrubbers. Trina Solar engaged accredited third parties to carry out annual monitoring of air emissions from exhausts and scrubbers. Results show that air emissions from exhaust and scrubbers are well below the limits of local standard and solar industrial standard.

Based on the different production processes, we monitor the main exhaust gas in different factories: the factories in Changzhou, Yancheng, Thailand and Vietnam mainly produce nitrogen oxides (NOx) while the processes at the Changzhou headquarters and the Yancheng factory produce sulfur oxides (SOx). At the same time, our Suisan solar cell factory, which began operating in 2020, has set up NOx and SOx emissions monitoring.

<table>
<thead>
<tr>
<th>Year</th>
<th>NOx emission (tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>12</td>
</tr>
<tr>
<td>2020</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>SOx emission (tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>13</td>
</tr>
<tr>
<td>2020</td>
<td>13</td>
</tr>
</tbody>
</table>

Measures Taken to Save Water

• Implementation of internal water recycling for wafer cleaning baths – water used in the post-cleaning bath was diverted and reused in the pre-cleaning bath.
• Collection of condensate water from the air conditioners and use it as supplementary water supply for cooling tower and emissions scrubber.
• Circulating water of vacuum pump as supplement water for cooling tower in cell workshop.
• Regularly clean RO (Reverse Osmosis) membrane so as to raise DI water yield and reduce RO rejected water.

During the reporting period, Suisan solar cell plant managed to save up to 150,000 tonnes of water and Yancheng plant up to 250,000 tonnes of water by reusing concentrated water. Yancheng plant saved 70% of tonnes of water daily.
Solid Waste Management

Trina Solar adheres to international principles in managing waste reduction, reuse and recycling to sort and store it. We conduct high-precision and high-frequency quantitative monitoring and management over waste generated in the production process. The total amount of waste generated by factories in 2019 and 2020 is disclosed as follows categorized in the table below:

<table>
<thead>
<tr>
<th>Year</th>
<th>Disposed Solid Waste (tonnes)</th>
<th>Disposed Hazardous Waste (tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>456,702</td>
<td>6,315</td>
</tr>
<tr>
<td>2020</td>
<td>447,889</td>
<td>8,334</td>
</tr>
</tbody>
</table>

We take measures in stages including product design, production and packaging

<table>
<thead>
<tr>
<th>Stage</th>
<th>Treatment Measures</th>
</tr>
</thead>
</table>
| Design      | • Improve Waste Management Procedure. Categorize different wastes into general waste, reusable waste and toxic waste, and manage them in different ways.  
             • Setup and implement a recycle scheme for resource wastes, such as cartoon boxes, paper, plastics, metal scraps and woods.  
             • Setup and implement an annual toxic waste disposal plan, and maintain a disposal inventory according to regulatory requirements.  
             • Conduct environment awareness training for employees on waste minimization and segregation.  
| Production  | • Use the recyclable materials for packaging. Under the condition of not jeopardizing product safety, try to use light-weighted materials.  
             • Substitute or minimize those toxic materials with less toxic or non-toxic materials.  
| Packaging   | • Conduct waste minimization into consideration at product design stage. Substitute or minimize those toxic materials with less toxic or non-toxic materials.  
             • Use the recyclable materials for packaging. Under the condition of not jeopardizing product safety, try to use light-weighted materials.  

Biodiversity Management

When we consider developing new projects or expanding existing facilities, protecting the biodiversity of nature is our primary concern. Therefore, when planning new projects or power plants, we carry out environmental impact assessments in line with local environmental protection requirements. We assess the positive and negative impacts of the proposed project on the environment of the community, and protect the natural environment and biodiversity of the community where the proposed project is located.

To protect the natural environment we have carried out a number of complementary projects for agricultural solar projects and fishery solar projects. Without changing the original use of the land, the construction of power plants is conducive to the protection of the ecological environment and alleviating land-use conflicts. They also promote clean power, expanding the proportion of renewable energy in the power supply and realizing two-way benefits. Our projects provide clean and green energy to the communities including:

- Trina Solar built a solar farm in Dorset, London. We set up bird houses and bat nets near the farmland and planted local wildflowers while keeping the solar panels high without affecting the farms continued grazing.
- Trina Solar built a 51MW '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.
- Trina Solar successfully built a 2MW ‘PV plus agriculture’ project in Menghe, Changzhou. A greenhouse 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 and thus keep the required illumination for the growth of crops.
- Trina Solar built a 51MW ‘PV plus agriculture’ project in Xiantao, Hubei. The transparent double-glass PV modules were used above the tea trees 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 Trina Solar agricultural solar complementary project was connected to the municipal grid in Linzhou, Shijiazhuang, Hebei. The project used the Trina Solar 200Rem. 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 applications in China.

Our factories also reserve a certain percentage of land to benefit local biology distribution. We continuously improve the living environment and promote the development of biodiversity wherever factories are located through activities such as public events and environmental awareness training.

Waste land reuse: PV power project development

- China 170MW ‘PV plus agricultural use’ 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 ban on the use of ‘photovoltaics 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.

- Vietnam 120MW leadership project
  - We build 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.
Sustainable Purchasing
Our supply chain covers more than 80 procurement items, including raw materials, auxiliary materials, infrastructure, equipment, spare parts, packaging, logistics services, personal protective equipment, office supplies, certification services, etc. We are well aware of the challenges and risks that are increasingly being influenced by the supply chain. We continuously improve the continuous improvement of suppliers through supplier evaluations, audit and ability training to jointly build a sustainable development model.

2020 was an extraordinary year for China and the world, and the PV industry was not immune from the challenges faced. At the beginning of the year, due to the impact of the COVID-19 pandemic, power plants construction had to be suspended. In the middle of the year, the industry generally faced a severe supply shortage of raw materials. However, we overcome the obstacles and delivered the power project to the customer on time. Our team overcame the obstacles and communicated with our customers, always putting their interests first.

Suppliers' CSR Assessment
We believe that periodic audits are an effective approach to promote suppliers’ self-management. We carry out on-site audits on our key suppliers on a regular basis via document review, site inspection and employee interviews. In case of any problem encountered, we request the supplier rectify it within a reasonable time frame. In case of a major non-conformity during audit, Trina Solar will request the supplier to take corrective actions within a time frame. The supplier is also required to establish its management system and procedure to prevent the similar non-conformity from happening again. In the event that the supplier fails to fulfill our requirements, we may reduce the purchasing volume gradually or even discontinue the supplier permanently.

The Environmental and Social Assessment Principle in the Selection Process
We require suppliers to comply with ISO 14001, as well as an occupational health and safety management system in line with OHSAS 18001.

We require the suppliers to conduct environmental and social assessments, including the assessment of construction, pollutant discharge, water drainage and intake permit, environmental tax payment, occupational health and safety management systems, environmental permits, safety permits, fire protection, daily operation requirements, and social responsibility management goals, including carbon and energy indicators. We require suppliers to establish a complete business code of conduct and procedures.

The suppliers need to undertake to stakeholders to sign an anti-corruption commitment.

The clause provides suppliers with transparent channels for complaints. Once suppliers discover that Trina Solar employees have violated the business ethics, including bribery, extortion etc., they can report to Trina Solar's Ethics and Compliance Department.

The Environmental and Social Assessment Principle in the Selection Process
We require suppliers to comply with ISO 14001 and establish an environmental management system in line with ISO 14001, as well as an occupational health and safety management system in line with OHSAS 18001.

We review the supplier's documents including environmental permits (such as the complete acceptance of construction, pollutant discharge, water drainage and intake permit, environmental tax payment, hazardous waste disposal and transfer), occupational health documents, safety permits, fire protection, daily operation requirements, and social responsibility management goals, including carbon and energy indicators.

We require suppliers to establish a complete business code of conduct and procedures.

The suppliers need to undertake to stakeholders to sign an anti-corruption commitment.

The clause provides suppliers with transparent channels for complaints. Once suppliers discover that Trina Solar employees have violated business ethics, including bribery, extortion etc., they can report to Trina Solar’s Ethics and Compliance Department.

Supplier Procurement Framework “Legal Employment Commitment Letter”

The Seller promises and guarantees that the company and the employees, raw materials and components, and production processes and final products do not involve financial fraud, money laundering, corruption and bribery, terrorism, military use, child labor, forced labor, or sanctioned nations, regions, entities, and personal, and are in line with relevant laws and regulations of the UK. In case of any change to the above situations, the Seller should immediately inform the Buyer in writing. Upon receiving notice, learning about such change through other open channels, or finding that our statement is false, the Buyer has the right to immediately terminate the contract without assuming any responsibility. The Seller shall compensate for any loss sustained to the Buyer due to failure to fulfill the obligation of disclosure, representa-
Caring for the Planet

Collaboration with Suppliers

Trina Solar not only pays attention to its own green development, but also takes initiatives to convey its vision and goal of sustainable development to its global partners. Trina Solar is committed to working with global partners to gather ideas and contribute inspiration and innovative solutions for the sustainable development of the photovoltaic industry.

Trina Solar conducts audits on suppliers once a year in accordance with AEO certification standards to ensure the safety of the import and export trade customs clearance process. The World Customs Organization or the corresponding supply chain, whether in the Global Trade Security and Convenience Standard Framework or as those who participate in the international circulation of goods in any way and whoever the party identified as meeting the safety standards of the World Customs Organization or the corresponding supply chain, including manufacturers, exporters, customs brokers, carriers, forwarders, intermediaries, ports and airports, cargo terminal operators, general operators, warehousing operators and distributors. A new article 13 was added to the import and export cargo transportation operators, general operators, warehousing operators and distributors. A new article 13 was added to the import and export cargo transportation operators, general operators, warehousing operators and distributors. A new article 13 was added to the import and export cargo transportation operators, general operators, warehousing operators and distributors. A new article 13 was added to the import and export cargo transportation operators, general operators, warehousing operators and distributors.

The Global Trade Security and Convenience Standard Framework was established by the World Customs Organization de/f_ines AEO Authorized Economic Operator as formulated for the purposes of implementing a strategic cooperation agreement concerning “600W+Ultra-high-power modules”. The signatories agreed to strengthen technical exchanges in product and system adaptation and carry out in-depth collaboration and corresponding technical research and product development on “ultra-high-power photovoltaic modules”. The action promotes technological innovations in the photovoltaic industry and encourages the ultra-high power module industry to be standardized. In addition, it will integrate the resources of global market promotion, expand the influence and the application scope of advanced technologies in the photovoltaic industry.

TBP is one of the largest alternative asset firms with more than 570 billion assets under management worldwide. Ed Beckley, a Partner at TBP who leads the Firm’s infrastructure investing efforts said, “We are very excited to partner with Trina Solar, who has a history of developing very talented and vigorous local teams in each of our regional markets. Trina Solar and TPG Group’s Rise Fund, a global impact investing fund managed by TPG. Trina Solar will provide project development, design, procurement and EPCM services of these projects to TBP. The total amount of the transaction is around US$1.8 billion.

Affected by the pandemic, the 2020 Trina Solar Global Supplier Conference was held in the online form of live broadcast for the /f_irst time, with the theme of “Building a New Development Pat tern and Achieving Mutual Bene/f_it and Win-win”. It was held in the Trina Solar Vision and Innovation Exhibition Center. More than 500 suppliers from all over the world took part online. Gao Jifan, Chairman and CEO of Trina Solar, spoke of developments in the photovoltaic industry, the company’s strategy and brand positioning, and of prospects for collaboration with all participating supplier representatives. Trina Solar has always adhered to the principle of ‘customer-centric, adherence to open innovation, long-term hard work, full pursuit of excellence, shared responsibility and co-creation and sharing’, he said, as well as transparency, visualization, digitization and standardized procurement and multi-dimensional collaboration with partners. The Supplier Conference established four awards: Excellent Supplier, Joint Innovation, Best Collaboration, and Excellent Quality, commending suppliers who have had long-term strategic collaboration with Trina Solar.

A strategic cooperation agreement with suppliers

On November 4, 2020, the 12th China (Wuhan) International New Energy Conference and Exhibition opened. Trina Solar Co., Ltd. signed a strategic cooperation agreement concerning “600W+Ultra-high-power modules”. The signatories agreed to strengthen technical exchanges in product and system adaptation and carry out in-depth collaboration and corresponding technical research and product development on “ultra-high-power photovoltaic modules”. The action promotes technological innovations in the photovoltaic industry and encourages the ultra-high power module industry to be standardized. In addition, it will integrate the resources of global market promotion, expand the influence and the application scope of advanced technologies in the photovoltaic industry.

Trina Solar and TPG Group’s Rise Fund signed a project contract with a total transaction value of approximately US$1.8 billion.

On July 1, 2020, Trina Solar announced the transaction of nearly 1 GW solar PV projects portfolios in Europe and Latin America to The Rise Fund, a global impact investing fund managed by TBP. Trina Solar will provide project development, design, procurement and EPCM services of these projects to TBP. The total amount of the transaction is around US$1.8 billion.

Trina Solar conducts audits on suppliers once a year in accordance with AEO certification standards to ensure the safety of the import and export trade customs clearance process. The World Customs Organization or the corresponding supply chain, whether in the Global Trade Security and Convenience Standard Framework or as those who participate in the international circulation of goods in any way and whoever the party identified as meeting the safety standards of the World Customs Organization or the corresponding supply chain, including manufacturers, exporters, customs brokers, carriers, forwarders, intermediaries, ports and airports, cargo terminal operators, general operators, warehousing operators and distributors. A new article 13 was added to the import and export cargo transportation operators, general operators, warehousing operators and distributors.

Collaboration with Tongwei Group

On November 12, 2020, Trina Solar Co., Ltd. announced that its cooperation with Tongwei Co., Ltd. has reached a new level. The cooperation involves three investments and a long-term procurement cooperation framework agreement. Gao Jifan, Chairman of Trina Solar, said that the two leading companies focused on 210 products and cooperated to make the 210 industrial ecosystem stronger and bigger, joint ventures and cooperation among strong players, who complement each other, have bigger advantages than simple vertical integrations within themselves.

In terms of investments, Trina Solar signed a ‘joint venture agreement’ with Tongwei’s Sichuan Yongxiang Co., Ltd. and Tongwei Solar Co., Ltd. respectively, to jointly establish a project company and jointly invest in a high-purity crystalline silicon project with an annual output of 40,000 tonnes, an ingot project of an annual output of 15GW, a wafer cutting project of an annual output of 15GW, and a high-efficiency crystalline silicon roll project with an annual output of 35GW. The total investment is about 15 billion RMB. Trina Solar’s shareholding ratio in each project company is 45%.

These major project investments were part of Trina Solar’s strategic development plan. Trina Solar and Tongwei both have outstanding advantages in their roles for the industrial chain. They have reached the consensus on 210 series modules, and these cooperations will further strengthen their strategic partnership. Through joint efforts of all industry partners, the 210 product industry chain has matured, which is now more competitive for deeper integration.
Care For Employees

- Sustainable Development of Talent
- Employees’ Rights
- Occupational Health and Safety
- Employees’ Health
- Listening to Employees’ Views
Sustainable Development of Talent

Trina Solar regards talent as the force for our sustainable development. We have adopted the flexible talent management mechanism as the significant driving core for energy output, and endeavor to build a vital talent eco-system, and attentively innovate to allow employees to have a healthier and highly efficient working environment. By investing resources in employees’ career development, physical and mental health and cultural interaction, we know that we have a diversified and empowered team to create and win together as the company grows. We fiercely adhere to a talent management strategy, attracting and retaining highly skilled people by focusing on performance management, training, education, competitive remuneration and highly efficient talent incentive mechanisms, ensuring that employees fully play their roles. We are committed to providing a globalized development platform for our employees and to give them space to work and study. We are keen to help them become more excellent all-round individuals.

Diversified and Fair Employment Environment

Trina Solar’s employees come from 40 countries and regions. We strictly adhere to relevant international conventions, local laws and regulations, to ensure gender equality and prohibit employment discrimination. On the basis of promoting diversity and fair employment for male and female employees, the proportion of female employees in Trina Solar remains stable over the past three years. We encourage and promote employee localization, implement local employment, help relieve local employment pressure, and provide a number of employment opportunities and talent trainings. Moreover, local employees’ cultural interaction helps us better understand local commercial atmospheres and culture abroad. Distribution structure of employees (by gender, nationality and percentage of local employees assuming offices in the management [director and above]):

Gender Distribution

<table>
<thead>
<tr>
<th>Year</th>
<th>Gender Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>Female 35.4%</td>
</tr>
<tr>
<td>2020</td>
<td>Female 35.2%</td>
</tr>
</tbody>
</table>

Foreign Employee: 16.8% | Chinese Employee: 83.2% |
| Foreign Employee: 15.2% | Chinese Employee: 84.8% |

Nationality Distribution

<table>
<thead>
<tr>
<th>Year</th>
<th>Nationality Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>Male 63.6%</td>
</tr>
<tr>
<td>2020</td>
<td>Male 64.8%</td>
</tr>
</tbody>
</table>

Senior Management Team Distribution (China)

<table>
<thead>
<tr>
<th>Year</th>
<th>Senior Management Team Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>Male 63.6%</td>
</tr>
<tr>
<td>2020</td>
<td>Male 64.8%</td>
</tr>
</tbody>
</table>

Foreign Employee: 4.9% | Local Employee: 95.1% |
| Foreign Employee: 4.6% | Local Employee: 95.5% |

Senior Management Team Distribution (Abroad)

<table>
<thead>
<tr>
<th>Year</th>
<th>Senior Management Team Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>Male 63.6%</td>
</tr>
<tr>
<td>2020</td>
<td>Male 64.8%</td>
</tr>
</tbody>
</table>

Foreign Employee: 4.9% | Local Employee: 95.1% |
| Foreign Employee: 4.6% | Local Employee: 95.5% |

Comprehensive and Diversified Training Systems

Our training covers several sectors, such as safety, skills and human rights policy. Training is conducted online or offline, helping employees choose specific training modes according to their needs, including in growth and promotion. The offline classes cover the experiential experience of the employees at different levels, specifically including: soft strength improvement such as executive talent and star light and cradle training programs, pressure and emotion management, IQ management, new manager growth courses and industrial ability improvement courses, for example, leading energy internet technology. An improved training system provides employees with dynamic growth space. The following gives an insight into the schedules and activities of training for employees in all domestic factories and operating organizations.

High-end Talent Training Model

We continuously increase the input in the education training and cultural construction, continuously improve the all-employee training system, enrich training modes and content, and build the atmosphere for talent. The group has also established its own tertiary institution, Trina University. Since it was founded three years ago, it has provided knowledge input and energization for Trina’s staff and its partners and clients. Trina University has 10 different types of professional classrooms and open spaces in order to meet different learning and communication needs. Trina University has six colleges: Leadership Institute, Business School, Photonics Institute, Future College, Energy IT, Academy, and International College.

We recruit employees through Internet and campus-oriented channels. Moreover, we cooperate with domestic and overseas colleges, establish professional training courses, and organize Trina Solar exclusive job fairs.

2019 Annual average training hours for employees: 2.5 h

2020 Annual average training hours for employees: 3 h

2019 Total training hours: 7,498 h

2020 Total training hours: 21,535 h

Objective of Learning

Strategic implementation
Performance improvement
Capability development
Cultural construction

Positioning of Trina University

Active learning
Daring to practice
Good at summarizing
Willing to share
Employees’ Motivation and Performance Management

Trina Solar has established an effective performance management mechanism. Employees are required to set personal development plans (PDP) every half year and their leaders will evaluate and rate their performances. PDP is composed of three aspects of appraisal, including business objectives and key tasks, employee management objectives and personal development goals to achieve balance among individual growth, team development and organizational goals. Employees who enter the company can make their choices to take a technical or a managerial position for career development.

In 2020, 4,986 people from Trina Solar global management team were evaluated for performance. In 2020, the evaluation has been increased to 5,397 people; 100% non-management people were evaluated for performance.

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Employees’ Rights

Improving the sense of belonging and happiness of employees is a key concern for Trina Solar. We continuously raise employees’ salary and improve the welfare guarantee system, and enhance employees’ satisfaction in respect of health insurance, allowance welfare, work-life balance, learning and growth, living care and holidays. The group is committed to fostering an outstanding team of talent and strictly abiding by domestic and regulations such as the Labor Law and the Labor Contract Law of the PRC and local applicable laws and regulations abroad. We strictly prohibit the use of child labor or young labor (under 18 years old) in dangerous work.

I - International conventions on human rights and labor standards

- To comply with international conventions on human rights and labor standards and to be an attractive and legitimate employer
- We respect employees’ rights to exercise freedom of association and collective bargaining and establish labor unions in every plant at home and abroad.

II - Open, fair and equal recruitment policy

- Actively promote the harmony and stability of labor relations, never interfere with employees’ freedom of belief or discriminate against any employee on the basis of nationality, ethnicity, religion, gender, age, disability or marital status.
- No instances of discrimination related to gender and health status were reported in Trina Solar during its operation in this disclosure period.

II - Health insurance

- Provide all employees with medical insurance for work-related injuries, unemployment, medical care, maternity, housing provident funds, physical examination and supplementary commercial insurance. The supplementary commercial insurance covers supplementary medical treatment, accidental injury, serious illness, term life insurance and business travel insurance, and part of the protection covers employees’ family members, providing supplementary security for employees and their family members.

IV - Vacation benefits

- Formulate the regulation of “Management of Paid Leave” to allow employees to take public holidays, annual leave, sick leave, lactation leave, maternity leave, accompanying leave and other holidays. In addition, employees have an extra paid health day as a flexible holiday.

V - Allowances and welfare

- Provide all kinds of allowances and benefits for employees, such as housing allowance, annual merit allowance, communication allowance, foreign office allowance, accommodation allowance, travel allowance, health expenses, marriage gift, etc. Working meals and working buses are provided for employees, too.

VI - Employee rights

- Comply with local laws in the region where our factories or offices are located, implement equal pay for equal work for male and female employees. No child labor. In the process of production or service provision, it is forbidden to use forced, debt paying or contract labor; and it is absolutely forbidden to use all forms of forced and compulsory labor. No forced labor event was reported in Trina Solar during its operation in this disclosure period.

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Trina Solar encourage employees to be struggle value oriented with remuneration policies. We have improved remuneration policies to ensure that our employees’ compensation is higher than the lowest level of the regions our plants/offices located in. By connecting employees’ remuneration with their personal performance, value group performance and corporate performance, we can effectively attract, encourage and retain those outperforming employees and support Trina Solar’s high speed development and global expansion strategy. The performance evaluation system can ensure that employees’ remuneration is paid based on the reasonable references. Trina Solar conveys information about operational changes to employees in a timely manner through the labor union, internal communication mechanism, etc.

In 2019 and 2020, Trina Solar committed to covering 100% of its employees with medical insurance and commercial insurance. In China, 1,890 managerial personnel were arranged to take a physical examination (1,560 participated as result) in 2020. The occupational disease examination covers 100% of positions which involve occupational hazard factors, including pre-employment physical examination, annual physical examination and post-employment physical examination. In 2020, there were 1,441 employees enjoying maternity leave and paternity leave, 134 employees returned to work after maternity leave with the rate of 96%. In 2020, there were 98 and 101 employees taking maternity leave and paternity leave. 52 employees returned to work after maternity leave with the rate of 94%.
Trina Solar is committed to creating a safe, healthy and environmentally friendly workplace for its employees. Employees are our greatest asset. We have put EHS management into every aspect of the company's operations to ensure a healthy working environment for employees.

Safety in the Workplace

Trina Solar is committed to creating and maintaining a safe and healthy workplace for all employees and contractors. We are committed to minimizing the risk of occupational injury in the workplace, prevention measures and their responsibilities.

Identifying risk

We have formulated the Procedures for Identification of Risk Sources and Risk Evaluation based on what we identify as risk sources relating to Trina Solar’s production, products, services and evaluate their risks annually. Control measures such as elimination/replacement, engineering control, management measures, PPE, are taken to reduce risks. We are also continuously improving the emergency management mechanism and conducting emergency response drills.

Risk control

• Safe production responsibility system: Based on the principle of “those who are in charge shall have responsibilities” and “double responsibilities for one post”, safe production responsibility letters are signed level by level, thus ensuring that safety awareness and safety prevention measures are implemented by individual departments and levels.

• EHS training: We conduct a wide range of EHS training for employees, contractors and suppliers, such as for new employees, post training and special safety training (chemicals, electricity and fire safety, etc), making employees and contractors aware of potential safety issues in the workplace, workplace, prevention measures and their responsibilities.

• Management of hazardous work: To ensure work safety of our contractors and employees, we have an area working permit system in place, and all contracts and contractors are required to obtain the appropriate operational permit before work begins. We strictly control hazardous work such as that in elevated places, confined spaces, or that involves fire that poses serious risks to persons or property. Those in charge of the projects are required to complete a hazardous-work permit and begin work only after obtaining approval from management and ensuring that all preventive measures are taken.

• Management of chemicals: We strictly comply with international and local laws and regulations, and do not use prohibited or restricted chemicals. The Procedures for Management of Chemicals are formulated to ensure that the processes from introduction, purchase, storage, use and disposal of chemicals are rigorously supervised and are subject to risk control.

• MOC (management of change): This is a very effective means of guaranteeing operational integration and preventing significant accidents. Under the EHS Change Management Procedure, any changes in processes, equipment, technology and materials that may affect employees, the environment, safety and product quality are required to be in line with the change management regulations. Such changes may be implemented only after being approved by the appropriate authorities.

• Occupational health risk announcement: An occupational health hazard announcement card is made available in the workplace, alerting employees to occupational health risks, including fires, chemical leakage, burns and power outages, etc, to ensure timely and effective response to various safety and environmental incidents. We organize periodic emergency drills for each area to enhance our response capabilities and ensure that our emergency response plans are effective. We regularly carry out the evacuation drills in conjunction with local fire authorities to ensure our emergency response plans are effective.

• Occupational medical examination: We arrange annual occupational medical examinations for all employees exposed to occupational hazards and in a timely manner adjust duties for those suffering from occupational contraindications. All employees in the manufacturing base received a medical examination in 2019-2020.

Managing emergencies

- Establishing emergency management mechanism: We believe that effective emergency plans and periodic drills play a vital role in stabilizing post-incident situations. Therefore, we have formulated comprehensive emergency response plans based on the identified major and moderate risks, including fires, chemical leakage, burns and power outages, etc, to ensure timely and effective response to various safety and environmental incidents. We organize periodic emergency drills for each area to ensure our emergency response plans are effective.

- Green channel for medical care: Trina Solar coordinates with local hospitals to have an unimpeded channel for medical care for employees injured at work. Such employees can receive immediate medical care by presenting the Trina Solar Employee Assistance Green Channel Card to the hospital, and Trina Solar will advance all medical expenses, ensuring worry-free recuperation.
Employees’ Health

While creating business value, Trina Solar continuously pays attention to employees’ mental and physical health. We strive to create an efficient, relaxed and caring work environment for our employees, helping them make a good balance between work and life. Trina Solar organizes rich cultural activities to enhance team cohesion, reduce psychological pressures, release negative emotions and enrich employees spiritually so as to improve their engagement and general wellbeing.

The company hosts activities to provide a workplace and spiritual space for its employees. During the 2019 annual meeting, we organized a garden party for employees’ families, inviting them to visit the company and join in a series of interactive activities. We are well aware that the support of employees’ family members is a key motivation for employees to move forward. In addition, the company has established a series of sports and hobby clubs, such as soccer, basketball, badminton, table tennis, swimming and fishing. We hold various sports competitions every year to offer employees with different interests. Trina Solar persists in conducting parents-children activities to benefit children’s physical and mental health, such as Trina children summer camp, art training class, painting and calligraphy show, parent-child reading club, Mother’s Day activities, etc. The activities are both fun and entertaining. The activities not only help promote emotional communication between parents and children, but also allow employees to pay more attention to their children’s healthy growth. We also provide travel opportunities for employees to facilitate exchanges across platforms and among different business units, at the same time enhancing organizational vitality.

The Workspace is Also a Spiritual Home

In order to popularize local cultures and enrich employees’ cultural life outside of work, we prepare various activities to celebrate local traditional festivals. Moreover, during the report release period, we held a variety of festive activities with Chinese and Western cultural themes, such as Women’s Day, Youth Day, Mother’s Day, Children’s Day, Father’s Day, Dragon Boat Festival, Mid-Autumn Festival, National Day, Christmas in addition to other online and offline celebrations.

In order to build a healthy community, the company organizes classes such as yoga and moxibustion, as well as summer camps, art classes and book sharing activities for employees’ children. On August 7, 2020, the company held a free moxibustion program for employees, to introduce the health effects of mugwort and allow employees to experience it. The event, named “Spread Love with Moxibustion”, was designed as a reward for charity activities.

Listening to Employees’ Views

We value the communication and participation of employees, and encourage them to join the Labor Union. We have established a variety of efficient and transparent communication channels within the company to build multi-channel and multi-level employee communication. To encourage employees to voice their ideas and suggestions to management, and establish a culture of communication in which various views are equally respected. We respond to the questions raised by employees and try to resolve them promptly. For the problems that cannot be resolved temporarily, we will acknowledge the problems and admit that the company will try to find a way to address them, so as to win employees’ recognition and forgiveness.

Trina Solar’s employees can choose their own welfare items for themselves and their families according to their own needs, such as telephone-doctor, physical examination, critical illness insurance, accident insurance and other self-paying programs, to meet their different health-care needs. Employees are given their own decision-making rights to guarantee their welfare so that they can fully be engaged in enjoyment of work and life.
Throughout its more than 20 years development, Trina Solar has come to understand that apart from creating profits and value for shareholders and employees, companies have 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 and fulfill our social responsibilities. Contributing to society is an extension of the corporate citizenship concept and is inline 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 achieve multiple results in terms of PV poverty alleviation, ecological protection and social and economic benefits. We also provide financial support in the forms of education funding and entrepreneurship funding to alleviate local poverty, and promote children and community education.

Contributing to Society

- Education and Entrepreneurship
- Charity
- Photovoltaic Poverty Alleviation
Contributing to Society

Education and Entrepreneurship

One of the core foundations of the sustainable and comprehensive development of society is the quality of education for all. Trina Solar upgrades innovative technologies of green technology and improves educational facilities in impoverished areas through educational donations and the establishment of entrepreneurial funds. Knowing that the industrial technology revolution requires continuous breakthroughs in basic technology research and development, Trina Solar set up the State Key Laboratory of Photovoltaic Science and Technology, the New Energy Internet of Things Industry Innovation Center and the National Enterprise Technology Center in its headquarters. Their research in cutting-edge technology has always been at the leading level in the industry, and constantly generating technological output in the development of green energy.

In 2020, Trina Solar’s Siyuan Sunshine Fund donated a cultural center to Qunyi village in Xinren township, Qunyi county, Guizhou, which was officially completed in December 2019, benefiting more than 20,000 people in the surrounding area and creating more jobs there.

In July 2019, Trina Solar took part in the World on Wheels charity event in India by renovating a bus roof to install solar modules to power on-board computers, thus popularizing computer knowledge for remote rural children in India.

Charity

Trina Solar's combination of poverty alleviation and clean energy popularization to achieve targeted poverty alleviation is one of the main ways for Trina to fulfill its corporate social responsibilities. We carried out public welfare activities with our core technologies and product advantages. Practicing social welfare for nearly a decade, we have poverty alleviation projects in many provinces and cities such as Guizhou, Jiangsu, Xinjiang, Henan, and other countries or regions such as Nepal, India and Tanzania, making contributions in modules and power plants. For example, Trina Solar’s poverty alleviation power plant projects in five counties in Henan province, help poor households earn money and help poor counties to shake off poverty. Among them, the 8,400kW poverty alleviation project in Rucheng county has enabled each poor village to steadily increase its collective income by more than 50,000 RMB a year, making outstanding contributions to the county’s success in lifting itself out of poverty.

According to figures released by the International Energy Agency at the end of 2013, there are still more than 200 million people in India and more than half of those in Myanmar are in a situation where electricity is not available. The reason is the construction of infrastructure such as power plants and transmission lines in these countries cannot keep up with the needs of social and economic development. ‘Siyuan Ayudana Hospital’, a general charity hospital in Sagaing, a city in central Myanmar, was established in 1989 to provide medical assistance to poor residents in remote areas. The infrastructure of the area where the hospital is located is weak and the power supply is insufficient, which has caused great troubles to the normal operation of the hospital. In November 2019, Trina Solar donated a 200kW photovoltaic power generation system to the hospital, which alleviated the hospital’s power shortage problem, and reduced the hospital’s electricity costs, allowing it to invest in more medical projects and medical services that benefit local residents.

Situagu Ayudana Hospital in Myanmar

Trina Solar Frontier Science Foundation provides funds to Nanjing University

In October 2020, Trina Solar donated 1 million RMB to Nanjing University to establish the Trina Solar Frontier Science Fund. It aimed to support international academic research and university-enterprise innovation collaboration in the School of Chemistry and Chemical Engineering of Nanjing University and helped the school to invite internationally renowned academic experts to carry out academic exchanges and seminars in the field of new energy. With the rapid development of industrial technology, the collaboration between enterprises and universities must be closer, and the scientific research of universities should be closely integrated with the needs of enterprises for industrial development, the mutual joint development and continuous improvement should be made. Trina Solar has established a good partnership with Nanjing University. We look forward to working together with alumni and people from all walks of life to create a bright future.

During the report released period Trina Solar ran many philanthropic donation projects worldwide, making a social and economic impact on local communities with green energy.

<table>
<thead>
<tr>
<th>Time</th>
<th>Charity projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 2019</td>
<td>A 300kW PV system donated to a hospital in Hungary for electricity upgrades.</td>
</tr>
<tr>
<td>June 2019</td>
<td>Sixty modules (37.5kW) donated to Grid Alternatives, a non-profit organisation in the United States.</td>
</tr>
<tr>
<td>July 2019</td>
<td>We took part in the World on Wheels charity event in India by renovating a bus roof to install solar modules to power the PC computers on board, thus popularizing computer knowledge for remote rural children in India.</td>
</tr>
<tr>
<td>June 2020</td>
<td>We donated to Suzan Charity Federation for poverty alleviation.</td>
</tr>
<tr>
<td>June 2020</td>
<td>We donated 50 modules to PCYC, an Australian non-profit organization, for PV rooftop construction.</td>
</tr>
<tr>
<td>October 2020</td>
<td>Residential photovoltaic poverty alleviation project in Fengping county. We built a 50,400kW village level power plant for the villages of Guogan and Handan in Fengping county and provided financial support for 50 households to shake off poverty.</td>
</tr>
<tr>
<td>October 2020</td>
<td>We donated 83 modules to PCYC, an Australian non-profit organization, for PV rooftop construction.</td>
</tr>
</tbody>
</table>

100kW system donated to Situagu Ayudana General Charity Hospital in Myanmar

100kW system donated to Situagu Ayudana General Charity Hospital in Myanmar

Photovoltaic Poverty Alleviation

As one of the top 10 targeted poverty alleviation projects in China, photovoltaic poverty alleviation plays an irreplaceable role in fighting against poverty. Drawing on the advantages of solar energy, it has not only developed green and clean energy but also achieved precise and pragmatic poverty alleviation, delivering multiple ecological, social and economic benefits. As a leader in the photovoltaic industry, Trina Solar has responded to the national call for targeted poverty alleviation and industrial poverty alleviation. With its strong technical strength and reliable product applications, Trina Solar has carried out in-depth photovoltaic poverty alleviation by building village power plants, large scale centralised power plants, residential rooftops PV power plants and other projects. In October 2020, a residential photovoltaic poverty alleviation project was launched in Fengping county. We built a 40,000kW grand village level power plant for the villages of Guogan and Handan in Yangmucui township for residential rooftop PV project construction photovoltaic, including 13 households in Heiniushan in Yangmucui township, 10 households in Gaogazi and handan township, 13 households in Heiniushan in Yangmucui township, 10 households in Xiaobazi township with a total of 43 households; 12,000 RMB per household.

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<table>
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<tr>
<td>May 6, 2020</td>
<td>China Central Television reported on Trina Solar’s construction of photovoltaic power plants for poverty alleviation in Yajiang county, Garze prefecture, Sichuan province. We used high-efficiency monocrystalline half-cut modules and state-of-the-art production technologies to lift local poor villages out of poverty, helping villagers gain collective economic dividends and earn stable income.</td>
</tr>
<tr>
<td>June 2020</td>
<td>We donated to Suqian Charity Federation for poverty alleviation.</td>
</tr>
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</table>

In May 6, 2020, China Central Television reported on Trina Solar’s construction of photovoltaic power plants for poverty alleviation in Yajiang county, Garze prefecture, Sichuan province. We used high-efficiency monocrystalline half-cut modules and state-of-the-art production technologies to lift local poor villages out of poverty, helping villagers gain collective economic dividends and earn stable income. The China Siyuan Project Poverty Alleviation Foundation awarded Trina Solar the honorary title of Poverty Alleviation Lending Group at the 2020 Poverty Alleviation Summary Commendation Conference to recognize its outstanding contributions in supporting employment and entrepreneurship, improving the quality of education for poor students in western China.

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In response to the outbreak of COVID-19 in 2020, Trina Solar mobilized its global resources to purchase medical supplies for targeted donations, and donated to Japan, the Maldives and Spain when the pandemic spread overseas.

Responding to COVID-19

- Charities and Donations
- Internal Emergency Response Mechanism
- Employee Care
Responding to COVID-19

Charities and Donations
At the height of the pandemic, Trina Solar’s Siyuan Sunshine Fund donated 200,000 RMB to Yinian County Traditional Chinese Medicine Hospital in Shannxi province for pandemic prevention and treatment work. Meanwhile, it donated pandemic prevention and treatment supplies, including medical masks, goggles, protective clothing, respirators, gas masks and medical gloves, to the Jangju Commission of Health, Nanjing Drum Tower Hospital, Jiangsu Province Hospital, Changzhou Third People’s Hospital, Yancheng No. 3 People’s Hospital, Xiantao First People’s Hospital, Shanghai Fifth People’s Hospital, Fudan University, Huaishan Hospital affiliated to Fudan University and Nanjing Second Hospital.

Since the outbreak of the pandemic, Trina Solar paid close attention to pandemic developments. On learning of the shortage of medical supplies in designated hospitals in various cities, Gao Jifan, chairman of Trina Solar, immediately organized the company’s global resources mobilization, utilized its global network and regional office resources to purchase anti-pandemic supplies from inside and outside China. Especially at the beginning of the pandemic, it was extremely difficult to procure globally medical supplies because of a shortage of materials and obstacles in cargo handling, customs clearance and freight logistics. Thanks to our experienced operation capability around the world for more than 20 years, our procurement, logistics, customs, finance and capital departments, as well as regional business head, were able to coordinate with each other and react quickly. Members of Trina Solar’s “Anti-COVID-19 Task Force” worked around the clock to coordinate with regional teams in Europe, Latin America and the Asia-Pacific region. At the same time, they communicated closely with frontline medical workers to ensure that the most needed goods were guaranteed and delivered. During the pandemic, transport capacity was stretched. In order to ensure supplies were transported to the front line as rapidly as possible, the task force mobilized the company’s logistics resources and worked with the courier firm SF to bring back Trina Solar’s non-invasive ventilators from 70 trucks in total with 30 tonnes load capacity per truck overnight, after learning the SF’s logistics was stalled in many places. Thanks to the great efforts of Trina Solar and its teams, the first batch of supplies, including non-invasive ventilators, medical protective clothing, goggles, gas masks, medical surgical masks, medical surgical gloves and KF94 masks, were sent to medical teams from Jangju, Huaishan Hospital affiliated to Fudan University, Shanghai Fifth People’s Hospital, as well as designated hospitals in Nanjing, Changzhou, Yancheng and Suqian with the help of Jiangsu Charity Federation.

Internal Emergency Response Mechanism
Facing the pandemic, Trina Solar set up an emergency response task force for pandemic prevention and monitoring, as well as multi-level pandemic prevention working groups for command, government interface, employee pandemic prevention and control, prevention and control coordination supervision, supplies, logistics and administrative pandemic prevention, pandemic prevention and control for logistics and manufacture. The company also established a daily meeting system to implement various initiatives against the pandemic. The company has clarified and improved the emergency provisions of pandemic prevention and control, designated responsible personnel, and established a sound emergency handling process for source control and active prevention.

Employee Care
During the worst time of the COVID-19 outbreak in China, provinces and cities adopted various policies related to city lockdowns, isolation and quarantine policies for inter-provincial and inter-city activities. The company, looking after the needs of its employees, especially non-locals, implemented the DL&IDL Spring Festival Retention Plan to help them, while considering pandemic-related difficulties such as returning home to isolate. To implement the government’s requirements for prevention and control of the virus, the company issued advice to employees on fighting the pandemic. To effectively collect and analyze employees’ COVID-19-related information we quickly developed an online reporting and tracking system to ensure real-time reporting of the pandemic, daily tracking of employees’ health status, real-time reporting of data analysis, and real-time queries on the pandemic.
In order to make stakeholders fully understand the corporate social responsibility of Trina Solar, our corporate social responsibility report in 2019 and 2020 refers to GRI standards 2018 issued by global sustainable development standards committee (GSSB), and discloses relevant information around the comprehensive option.

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<td>102-22</td>
<td>Composition of the highest governance body and its committees; Chair of the highest governance body; Nomination and selecting the highest governance body</td>
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<td>Communication with Stakeholders; Challenges and Opportunities</td>
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### Remuneration policies

**Process for determining remuneration**

- **Stakeholder involvement in remuneration**
- **Annual total compensation ratio**
- **Percentage increase in annual total compensation ratio**

**Communication with Stakeholders**

**Employees' Rights**

### Stakeholder groups

- **Collective bargaining agreements**
- **Identify and select stakeholders**
- **Approach to stakeholder engagement**
- **Key concerns raised**

### Communication with Stakeholders

- **Employees' Rights**

### Entities included in the consolidated financial statement

- **Defined benefit plan obligations**
- **Other retirement plans**

### Financial assistance received from government

- **Ratios of standard entry level wage by gender**
- **Comparison with local minimum wage**

### Market presence

- **Proportion of senior management hired from the local community**
- **Sustainable Development of Talent**

### Indirect economic impacts

- **Photovoltaic Poverty Alleviation**
- **Message from Leadership**

### Environmental topics

- **Significant indirect economic impacts**
- **Message from Leadership**

### Management approach

- **Explanation of the material topic and its limits**
- **Materiality Analysis**

### Materials

- **Materials used by weight or volume**
- **Sustainable Purchasing**

### Energy

- **Energy consumption within the organization**
- **Tackling Climate Change**

### Economic topics

- **Direct economic value generated and distributed**
- **Financial Performance; Shareholder Communication**

### General disclosure: reporting practice

- **List of material topics**
- **Materiality Analysis**

### General disclosure: stakeholder engagement

- **Communication with Stakeholders**
- **Employees' Rights**

### Economic performance

- **Challenges and Opportunities; Tackling Climate Change**
- **Sustainable Development of Supply Chain**
### Appendix and GRI index

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<td><strong>303-5</strong></td>
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</table>

### Biodiversity

| **304-1** | Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas | None |
| **304-2** | Significant impacts of activities, products, and services on biodiversity | Biodiversity Management |
| **304-3** | Habitats protected or restored | None |

### Emissions

| **305-1 – 305-2** | Direct (Scope 1) GHG emissions; Energy indirect (Scope 2) GHG emissions | Reduction of GHG Emission |
| **305-3** | Other indirect (Scope 3) GHG emissions | None |
| **305-4** | GHG emissions intensity | Reduction of GHG Emission |
| **305-5** | Reduction of GHG emissions | Reduction of GHG Emission |
| **305-6** | Emissions of ozone-depleting substances | Tackling Climate Change |
| **305-7** | Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions | Reduction of Exhaust Gas Emission |

### Effluents and waste

| **306-1** | Water discharge by quality and destination | Sustainable Use of Water |
| **306-2** | Waste by type and disposal method | Solid Waste Management |

### Environmental compliance

| **306-3** | Significant spills | Environment-Friendly Operation |
| **306-4** | Transport of hazardous waste | Solid Waste Management |
| **306-5** | Water bodies affected by water discharges and/or runoff | Wastewater Discharge |

### Social topics

| **308-1** | New suppliers screened using environmental criteria | Sustainable Purchasing |
| **308-2** | Negative environmental impacts in the supply chain and actions taken | Sustainable Purchasing |

### Management approach

| **101-1** | Explanation of the material topic and its limits | Materiality Analysis |
| **101-2** | Management approach and its components | Message from Leadership Green Sustainable Development |
| **101-3** | Evaluation of management approach | Risk Management and Internal Audit; Legal Compliance Control and Ethics Construction |

### Employment

| **401-1** | New employee hires and employee turnover | Sustainable Development of Talent |
| **401-2** | Benefits provided to full-time employees that are not provided to temporary or part-time employees | Employees’ Rights |
| **401-3** | Parental leave | Employees’ Rights |

### Labor/management relations

| **402-1** | Minimum notice periods regarding operational changes | Employees’ Rights |
### Occupational Health and Safety

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<td>Worker participation, consultation and communication on occupational health and safety</td>
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<td>Promotion of worker health</td>
<td>Employees' Health</td>
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<td>Prevention and mitigation of occupational health and safety impacts directly linked by business relationships</td>
<td>Occupational Health and Safety</td>
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<td>Workers covered by an occupational health and safety management system</td>
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### Training and education

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<td>Average hours of training per year per employee</td>
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### Diversity and equal opportunity

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### Non-discrimination

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### Freedom of association and collective bargaining

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### Child labor

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### Forced or coercive labor

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### Security practices

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### Rights of indigenous peoples

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### Human rights assessment

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### Local communities

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### Supplier social assessment

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### Public policy

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### No child labor

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<tbody>
<tr>
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### No forced labor

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### None

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## Assessment of health and safety impacts of product and service categories

416-1  Assessment of health and safety impacts of product and service categories  ●  Innovation & Sustainable Development

416-2  Incidents of non-compliance concerning health and safety impacts of products and services  ○  3  None

## Incidents of non-compliance concerning health and safety impacts of products and services

## Requirements for product and service information and labeling

417-1  Requirements for product and service information and labeling  ●  Innovation & Sustainable Development

417-2 – 417-3  Incidents of non-compliance concerning product and service information and labeling. Incidents of non-compliance concerning marketing communications  ○  3  None

## Substantiated complaints concerning breaches of customer privacy and losses of customer data

418-1  Substantiated complaints concerning breaches of customer privacy and losses of customer data  ○  3  None

## Non-compliance with laws and regulations in the social and economic area

419-1  Non-compliance with laws and regulations in the social and economic area  ○  3  None
Power Beyond Solar

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