

SUNLONS

Suntech 2021 Vol.1

NEVER SETTLE

20 YEARS TOGETHER

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Identify our defects and then be brave to gather strength to revitalize the company

I CEO's Letter

President of Suntech Tang Jun

Dear colleagues of Suntech Group, first of all, I wish you all a happy new year!

Suntech has a history of 20 years. After 20 years of ups and downs, what has settled down? Facing the rapid expansion of latecomers, how do we maintain a place in the photovoltaic industry and seek development? Needless to say, although we are in the first echelon, there is a big gap compared with the leading companies. Since 2013, Suntech has made great progress thanks to the efforts of the old and new Suntech people. Many of the peers, especially the leading companies, have made greater progress and their speed of development is amazing, which requires our urgent actions. Meanwhile, the extended scale of production of second-tier companies is also huge.

As an established company, what is the core value we have? Is it the brand? Or is it the team or the team's understanding of the industry? We need to think about how to explore our core competitiveness.

As time has shown, our brand is still strong. But how long can this last? Living off our brand cannot last forever. Not to mention we are shouldering the responsibility of adding value to the brand.

I believe that Suntech people, especially the old Suntech people, are deeply attached to Suntech. How can we best use this affection?

In the year of 2021, if we are not making progress, we will be left behind.

Everything depends on our clear understanding of the internal and external situation, and then the action plan and implementation after we have realized the situation!

First of all, it requires us to have a consensus view. It is not only a consensus opinion of the current situation, but also the desire to change. We must be soberly aware of the brutality of competition in the entire photovoltaic industry in 2021 and in the subsequent years. The leading companies are taking advantage of their scale and resources. Adding to that, the low-price competition of second- and third-tier companies is forcing us to leave our comfort zone. We must adapt our existing thinking mode and behavior to the situation, so as not to fall back. We change maybe because we have to, but we must change for it is also necessary.

Second, we all need to have the same goal. If our Suntech Group wants to survive and even improve itself in the industry, an annual shipment of more than 8 GW and corresponding profitability is necessary for 2021. This goal is a huge leap compared to 2020. It is a bit high. But we need to understand that without this goal, our company will not have a place in the current photovoltaic industry, let alone talking about development. In other words, we have no choice.

Third, the role of the backbone staff and the exploration of the brand value is very important. We need them to break through their thinking. The backbone staff of Suntech, old and new, are the source of corporate wealth and power. It's time for them to jump out of the box and reflect on how to improve the inherent model. The vitality of the backbone determines the vitality of the platform. We will devote ourselves to stimulating the development of excellent backbones on the platform, and only then can Suntech's brand advantage be brought into play.

Fourth, updating the organizational culture and changes in assessment and incentive mechanisms are necessary. If Suntech wants to make progress, it must become a more aggressive company. It must be transformed from a welfare-oriented company into an incentive-oriented company. We cannot be immersed in the past glory and the welfare that Suntech was proud of. For it is just like boiling frogs in warm water. The only way out is to motivate ourselves by having a sense of pressure to march forward.

Dear colleagues, crisis and opportunity are twins. The year of 2021 may become the first year of Suntech's revitalization. It will be an opportunity for those members of the Suntech family who are ambitious!

I am looking forward to working and harvesting together for the revitalization of Suntech!







The ultimate operational performance is reflected in the competitiveness of component costs. Therefore, let us work together to reduce costs to the greatest extent in 2021.

Zhang Wei, Vice President

The new year is a new starting point in our journey. I hope we can keep working hard unremittingly for a wonderful future. Let's keep going in 2021, Suntech!

Li Pei, P3 Manufacturing Production Department – 3rd Production Department

journey for more successes!

Wang Sheng, P3 Manufacturing Production Department – 5th Production Department

In the new year of 2021, all staff in the project management department will closely focus on achieving the company's annual goals. We will coordinate internal work with an open mind and do our jobs well. I have high hopes the company will find more successes starting from the 20th anniversary of establishment!

Yin Xiong, P3 Manufacturing - Project Management Department

Looking back at the industry's striking history, we can see our products have led the industry and now present their new features. At the 20th anniversary of the company's establishment, let us start a new

On the occasion of the 20th anniversary of the establishment of Suntech, I wish the company a prosperous performance and greater glories!

Let's look forward to 2021, which is a new year, a new starting point, a new journey, and a new hope!

Du Yuping, P3 Manufacturing Production Department - SPS

I have been with Suntech all the way to its 20th anniversary. The team and I have always sticked to our original intention and continue to develop into the best of ourselves. The team's goals in the new year are to improve efficiency and reduce costs, select the best production scheduling, deliver precisely, and make sure our customers are satisfied. I wish we all will still be colleagues at Suntech in the next twenty

Qian Xiaolin, Warehousing Department

After experiencing the first 20 years of impulse and confusion, Suntech, who embarks on a new journey, will be more mature and confident. A prosperous future can be expected. Suntech staff will work hard together!

Li Kui, Sales Department

I joined Suntech right after I left school, and have been with it for ten years, which passed quickly. I hope I will continue to grow and progress with the company in the next long journey.

Wu Yuanfang, Sales Support

Suntech has experienced twenty years of down-to-earth development, efforts, and achievements. While looking back on the bits and pieces of these twenty years, we look forward to a more glorious twenty years in the future. All staff of The whole IT department will stand together no matter what.

Cheng Kai, IT Department

In the past twenty years, Suntech has gone through difficulties but kept advancing. Now it is about to start a new journey for a more glorious future. It will climb the new heights of research and development, and leverage legal means to protect intellectual property.

Chen Liping, Research Institute

In the past two decades, history has given Suntech an opportunity to forge a world-class photovoltaic brand. The company's achievements today are inseparable from the hard work of every Suntech employee. We must continue to maintain the spirit of hard work and help each other, all committed to the same cause. As the Chinese New Year is approaching, I wish all Suntech staff a happy Chinese New Year, smooth work, good health and family happiness!

Liu Degao, Administration Department

2021 SUNTECH POWER

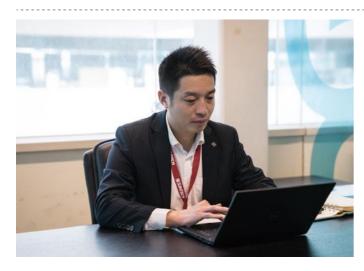
Recalling the past, the company has gone through an extraordinary period of twenty years. Looking forward to the future, I hope Suntech will once again create

In the new year, the internal control department will

identifying risks and controlling processes, to escort Suntech in the next twenty years.

Feng Xuan, Internal Control Department of the Group

Never would shining stars ask why you keep travelling, and never would time fail a determined man



The year of 2020 is past. We shall not wander around, we shall have no regrets.

The year of 2021 has come. We shall be down-to-earth and make great achievements.

A Faithful Record of **Suntech's Pandemic Response**



"Pandemic" is a word that is difficult to avoid when looking back at 2020. It came for all of us, no matter our nationalities or identities, and changed all of our lives, no exceptions. If this is true for individuals, there must have been even more changes and challenges for enterprises.

SunLons



CEO's Letter

Identify our defects and then be brave to gather strength to revitalize the company

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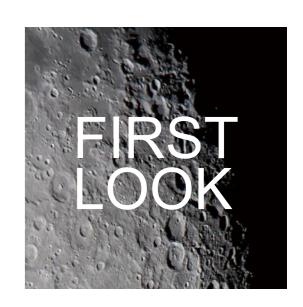
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- Staying Put for Chinese New Year A special Spring Festival with the same festive atmosphere







Higher Energy Density More Reliable Technology



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20 YEARS TOGETHER

Jiao Huihui

Never Settle

From 2001 to 2021,
Finally we can share
The joy of this milestone with you

In the past 20 years

Despite the twists and turns from time to time

We have striven towards the right direction

For 20 years,

The dedication from each of us are like the annual ring Contributes to the success of the company

After 20 years
We still keep going
Step by step
And start a new journey.





WELCOME

www.suntech-power.com

Suntech's Brand New Official Website

Chen Ying

20 years ago today, Suntech was born.

For 20 years on, Suntech has gained its international influence step by step. With our customer's needs as our focus and constant improvement of customer experience and service in mind, we launch the new version of the official website at the juncture of our 20th anniversary.

Let's start a new journey after two decades!

Let's take a look at our new website, composed of Product Center, Download Center, News Center, Tech Center, etc. This is a brand-new official website that better matches users' demands and showcases Suntech's development.

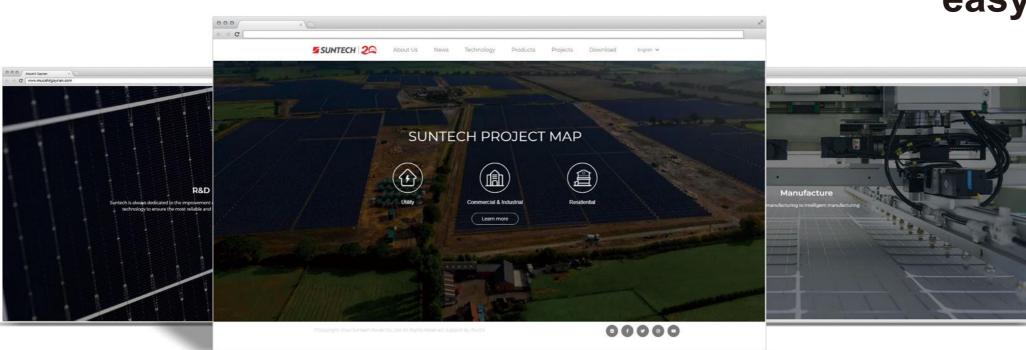
Brand new interface, simple, restrained but enriching

The home page of the website is designed with a simple and restrained style. This is characterized by the steady but dynamic development of the company in the past two decades.

The dynamic background shows Suntech as the 20-year PV module manufacturer that ships products to over one hundred countries.



NEW INTERFACE



New column combination, easy to access

Based on extensive user survey, Suntech presents its new website with more functions and easy accessibility. Clear zones and user-friendly design put the user at the center. Texts, pictures, and videos showcase the company from all aspects and different dimensions.

Separate sections of Product Center and Download Center are available. Suntech's all-series products are all accessible here. Users can easily check the product information in Product Center. A simple and concise download interface enables users to search for what they want in the shortest time.

What you want is all accessible here!

Classic projects of the past two decades are demonstrated in a picture flow. Click photos to get more information. These photos record Suntech's global footprint and innovative philosophy.

From manufacturing to smart manufacturing, Tech Center demonstrates the charm of an automated factory perfectly. 52 QA processes ensure the quality of each module. Suntech always values the constant improvement of transformation efficiency, and higher quality, supported by strong research institute and lab teams.

CONVENIENT

SOCIAL MEDIA INTEGRATION

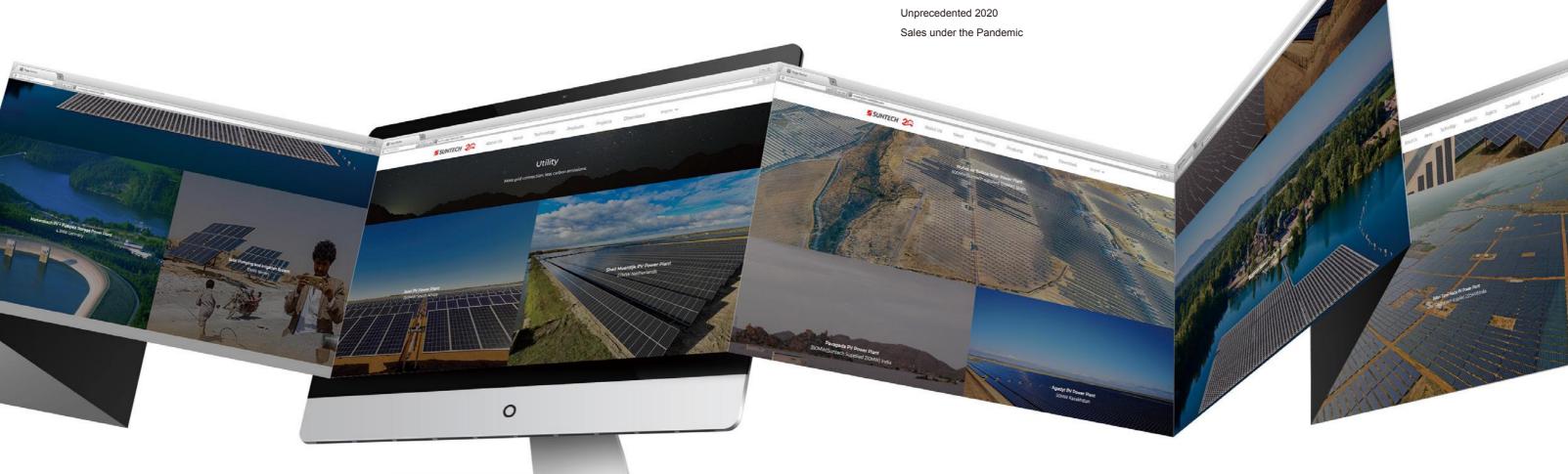
Social media integration for easier interaction

The new website integrates Facebook, Twitter, LinkedIn and other major social media for users to get Suntech information in hand easier and faster! News and information can be shared with one click to update you on Suntech anywhere, in anytime!

The launch of our new official website not only demonstrates a brand upgrade, but also marks that we will continue our original aspiration of sticking to tech innovation and quality service, and march forward with a brand-new attitude.

Restart with us after 20 years!

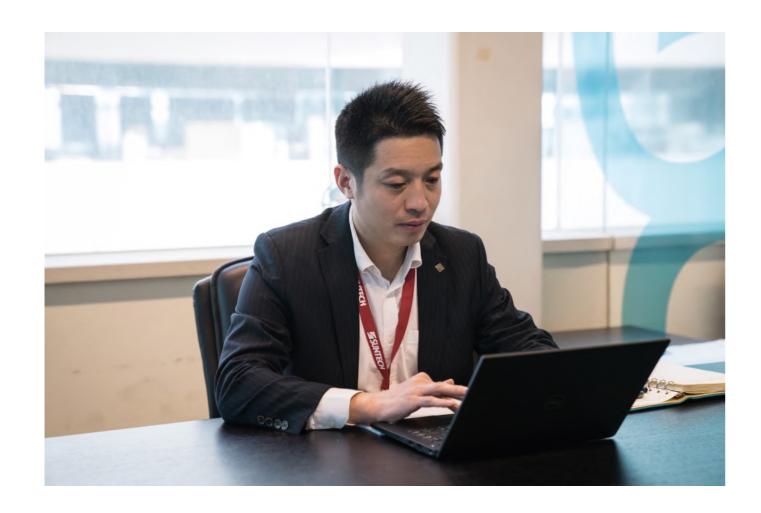
2020 was a special year for sales persons who were often on business trips before. During the pandemic, the overseas travel was restricted. Those who were used to flying back and forth had a different experience in this year.







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Never would shining stars ask why you keep travelling, and never would time fail a determined man

The moment I started writing, 2020 had already passed in the blink of an eye. Impressive memories pass before my inner eye like movies.

Perhaps, for you and me, there have been warmth, parting, anxiety, and moving this year. Or maybe, there was an urge to give up, and then the beauty of having pulled through... No matter what, we will press the Ending button for 2020 without hesitation!

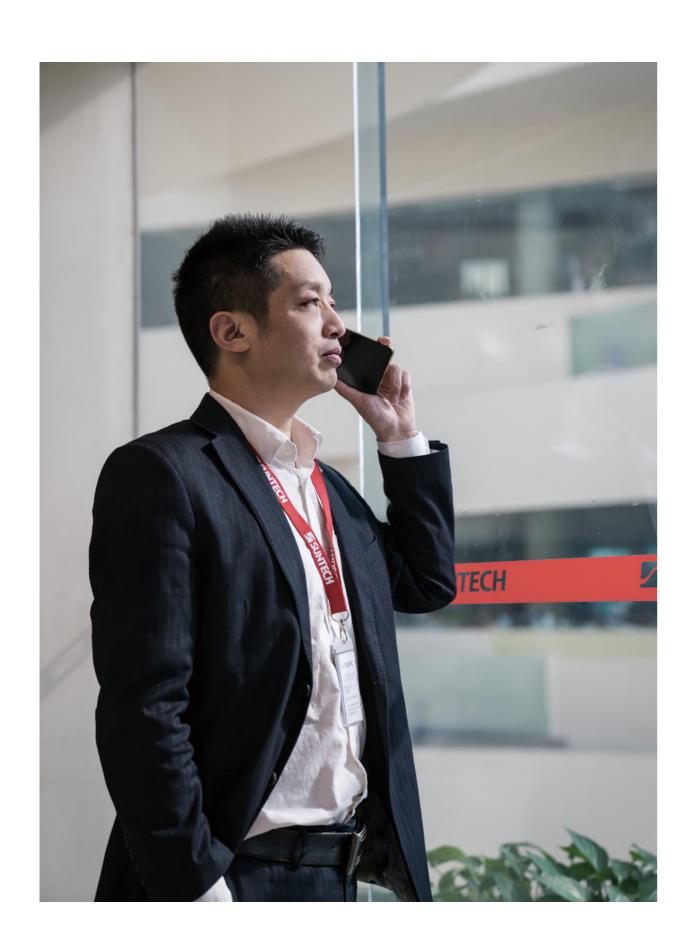
We have managed to withstand so much pressure in 2020!

We have survived market volatility. 2020 was an extraordinary year. It seems very old-fashion to say so, but it is truly how I felt. In 2020, we have seized every opportunity. We have done our best to prepare for each project, to provide each document, to carry out each communication and to deliver each project. Although everyone has undertaken a lot of pressure, suffering, and anxiety in this process, at the end we believe our efforts have not been made in vain for 2020. We should truly and sincerely thank our factory team for their supports. We should thank the company's management for their help. We should also thank clients for their understanding.

We have shouldered the pressure to explore new clients. With the changes in PV policies, the Chinese market is gradually showing a trend of "advancements of state sector, retreats of private sector". Therefore, we need to quickly transform our client base. On one hand, we have been maintaining the existing client relationships. We analyzed the progress of the client's projects in multiple rounds and converted their final demands into actual orders. This process has been extremely

difficult and challenging, because our sales not only need to understand sales, but also the production, while at the same time they have to be familiar with technology. We need to communicate with clients comprehensively, and move our cooperation forward with the best plan, achieving a balance between suppliers and clients. On the other hand, we have worked hard to communicate, negotiate, and select solutions with power companies at all levels. Hard work pays off. We have been directly or indirectly included in the supplier lists of major power companies and have been recognized by all of them. These achievements cannot be made without everyone's efforts, and even more so with the support and help of clients.

We have withstood the pressure from concentrated deliveries. With precise research and coordination with the company, most of our domestic projects were delivered in the fourth quarter. The delivery volume accounted for more than 70% of our annual target. In December, we set a record high. Our sales team communicated with customers comprehensively, fully mobilized internal resources, and received the full support of the company. I believe that at this stage, everyone must be tensing up and working together to achieve this new record. The profession of sales is one of the most challenging and fulfilling professions. It requires us to constantly adjust our mentality, face challenges head-on, and transform each challenge into the driving force for the next step.



Hundreds of boats competing for the flow, the one who strives hardest takes the lead; thousands of sails setting off, the one who advances bravely wins.

We greet 2021 with open arms!

The PV market is tremendously huge. Roll up your sleeves and do it. A plan of 1,200 GW new energy, coupled with the absolute advantages of PV-short construction period, fast results, low operation and maintenance costs, strong popularity, etc., the proportion of PV investments is bound to expand. According to the analysis by major media, the ratio of PV installed capacity will exceed that of wind power. The ratio between the two is expected to be 6:4. That is to say, the annual installed capacity from 2021 to 2025 is conservatively estimated to be 60-70 GW, and from 2025 to 2030 it shall reach the level of 100 GW. Coupled with the operation of six UHV projects, the pilot implementation of "selling the electricity next door", and the introduction of stimulus policies by local governments, the PV industry will usher in another major development period. The PV market has great potential. So do Suntech sales people who work so hard.

2021, we look forward to and shall create something beautiful!

At this moment, I think that 2021 will be a time to create brilliance. Just press the Ready button without hesitation, because there are more beautiful things and unexpected surprises in the new year.

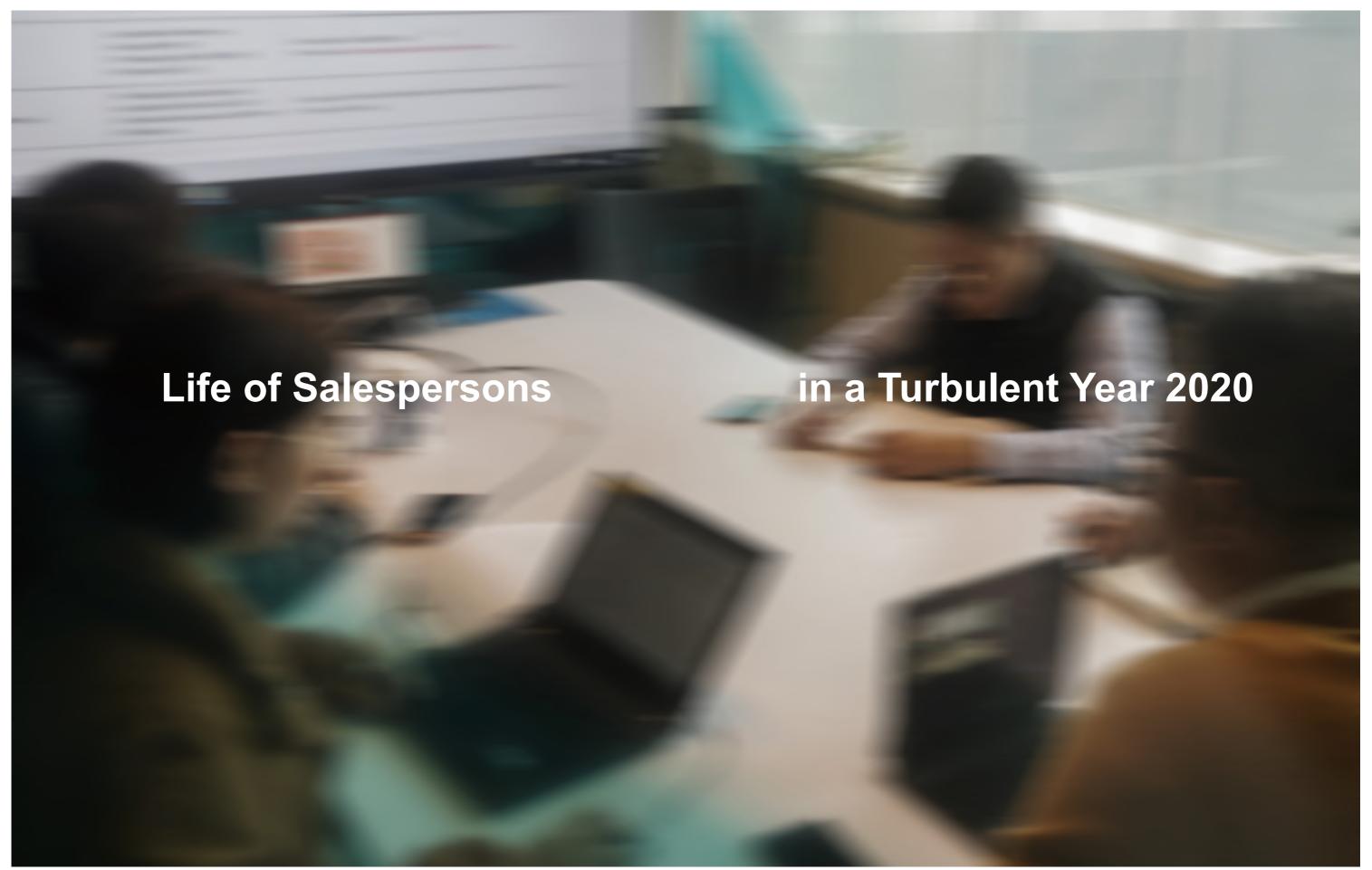
Perhaps, we might face more new challenges, more unpredictable pressure, and more issues to be solved.

Perhaps, we will have more opportunities or challenges in the new year. We need to believe in ourselves, believe in the team, and believe that beautiful things will happen!

The year of 2020 is past. We shall not wander around, we shall have no regrets.

The year of 2021 has come. We shall be down-to-earth and make great achievements.

Liu Fujiong January 18, 2021







2020 was a special year, especially for those salespersons who were always on the go.

The pandemic restricted overseas travel. They used to travel by air all year round, but last year was really different.

To teach clients to use WeChat

Still in contact though not able to travel

Face-to-face communication is replaced by emails, phone calls, and video calls. We often see salespersons talking on the phone and laughing. They recommend WeChat, an easy-to-use app to clients and chat with them like friends. They even share memes, a new Chinese fashion, with clients. More interestingly, both of them use beauty filters when having video calls with each other! The pursuit for beauty is universally acknowledged!







Flying salesman with 0 air mileage

"They are either on the plane, or on the way to the airport."

This would probably be the most appropriate description for a salesperson. They could spend more than 30 hours on a one-way trip to the other side of the earth. Long-distance journeys were no problem at all. Their flight mileage was more than 99.99% of other people's. This used to be their daily routine, but it has undergone tremendous changes in 2020. They have been unable to go abroad since March, and their flight record for the entire year was zero. The pandemic prevented salespersons from meeting clients face-to-face, but it did not affect their determination to serve clients around the world.

Physical distance cannot stop communication from heart to heart. With this client-centric approach, trust is earned. In the year 2020, they had more time with their families and more time to study. We firmly believe that Suntech's salespeople will do even better in the year 2021!





Group photo of Suntech Sales & Marketing Conference 2021

A Faithful Record of Suntech's Pandemic Response



2020 was truly a special year. The shadow of Covid-19 has not disappeared yet. The world is facing unprecedented fragmentation and frictions, and turbulence permeates everyone's daily life. Everyone has experienced their own difficulties, confusions and frustrations, coping and fighting with them, pursuing hope all the way to the present.

"Pandemic" is a word that is difficult to avoid when looking back at 2020. It came for all of us, no matter our nationalities or identities, and changed all of our lives, no exceptions. If this is true for individuals, there must have been even more changes and challenges for enterprises. This time we would like to get a special perspective on that topic and interview people from our Administration Department. What are the difficulties faced by logistics support during the pandemic? How do they protect every Suntecher?

I Article by Luo Yanping

I Photo by Jiao Huihui

I Interviewees: Liu Degao, Chen Weibin, Yan Jun, Chen Ying from Administration Department

Be Quick!

January 20, 2020 @Liu Degao, Administration Manager

The State Council's Joint Prevention and Control Mechanism held a video conference to comprehensively deploy the prevention and control of the Covid-19 pandemic. The National Health Commission has established a leading group for the response of pneumonia caused by the new coronavirus infection to guide local governments' pandemic response efforts. Mr Zhong Nanshan, head of the National Health Commission's high-level expert team, a member of the Chinese Academy of Engineering and a national respiratory disease clinical research expert, said in an interview with the media: "Now it can be said that, for sure, there is human-to-human transmission."

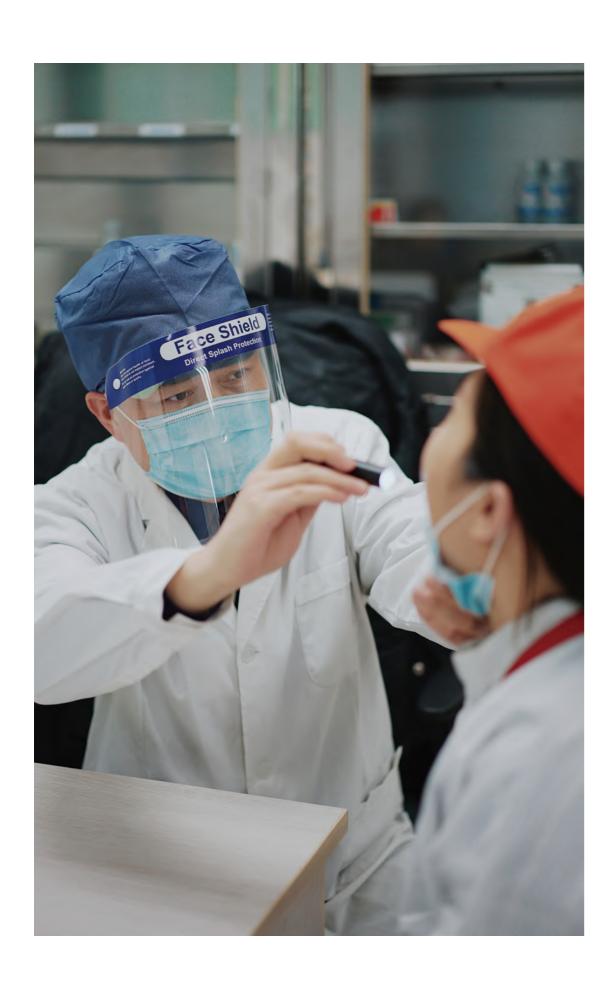
"When I saw this news. I was a little nervous and immediately reported the information to the management." Liu Degao, manager of the Administration Department, quickly asked for permission to set up "a new coronavirus prevention and control WeChat group" to announce work related requirements and real-time information, providing fast and convenient support for scientific and effective epidemic prevention and control. That night, the Suntech Covid-19 Prevention and Control Team, which brought together the company's management and the heads of various departments, was immediately established. And the Administration Department's prevention and control team quickly convened a video conference. In the absence of relevant epidemic prevention standards, the department requested the Warehouse Department, Manufacturing Department and the Security Team to assign personnel to cooperate with medical

personnel to perform body temperature tests before entering the factory, referring to the infectious disease prevention and control plan. At the same time, an emergency order was placed to purchase disinfectants, masks, and other emergency supplies, with delivery made the next day.

January 21, 2020 @Yan Jun, Supervisor of Medical Office

Suntech had prepared necessary medical supplies for disease prevention and control, even before the fight against the pandemic started. "At 7 o'clock that night, our head nurse Jie Lurong hurried to several pharmacies and medical device companies in Wuxi, and urgently purchased 5 infrared electronic thermometers and 1,000 disposable medical masks to be fully prepared for the pandemic response."

Under emergency response, all our employees began to take temperature checks before entering the factory.



"I'll be back soon!"

January 23, 2020, Chinese New Year's Eve. At that time, the atmosphere of the Spring Festival was getting stronger and stronger, but everyone was nervous because of the epidemic. Confirmed cases had been notified in various places. Most of the employees of our factory had gone home for the Chinese New Year holiday, but the important task of epidemic prevention and control had not become any easier at all. How can we ensure the safety of employees who remain on duty? Issues about their food, accommodation and transportation were the concern of every administrative staff member.

Without even thinking about it, Chen Ying, the head of the Administration Department, immediately returned to the front line she was in charge of, and strictly enforced the disinfection of the shuttle bus, catering, and office environment. They implemented daily high-temperature disinfection of canteen tableware, continuous elimination of dining spaces, strict food hygiene and safety control, and guaranteed fresh canteen food supply. They disinfected the shuttle bus at least twice a day, morning and evening, and opened windows for ventilation after the operation. They sprayed and disinfected the public passages, toilets, offices, meeting rooms, changing rooms, pantry, elevators and other areas of the factory twice a day, covering an area of more than 38,000 square meters. They went to various government agencies as soon as possible to handle more than 300 residential quarter passes and related procedures for employees. They worked overtime to prepare emergency lounges for employees... Under her leadership, all tasks continue to be carried out in an orderly manner, and they have been doing that for a whole year.

"I'll be back soon". all Suntech medical staff refunded the tickets for going home and returned to their posts. Looking back on the pandemic response during the past year, the Medical Office has always been carrying out their work with high tension. During the year, Dr. Yan led members of the Medical Office to timely update everyone on the latest epidemic prevention and control guidelines by the government and health and epidemic prevention department, coordinating and providing guidance for the preparation of disinfection materials like 84 disinfectant, masks and other protective equipment for ensuring more timely and effective pandemic response. According to rough statistics, in 2020, the Medical Office received 8,462 visits to doctors, 122 cases of fever were ruled out of infection with coronavirus, 18 health education, training and guidance activities related to the prevention and treatment of Covid-19 pneumonia and a total of 726 hours of air disinfections and 52 periodic disinfections were performed. Behind this huge number is the tremendous effort we have made together.



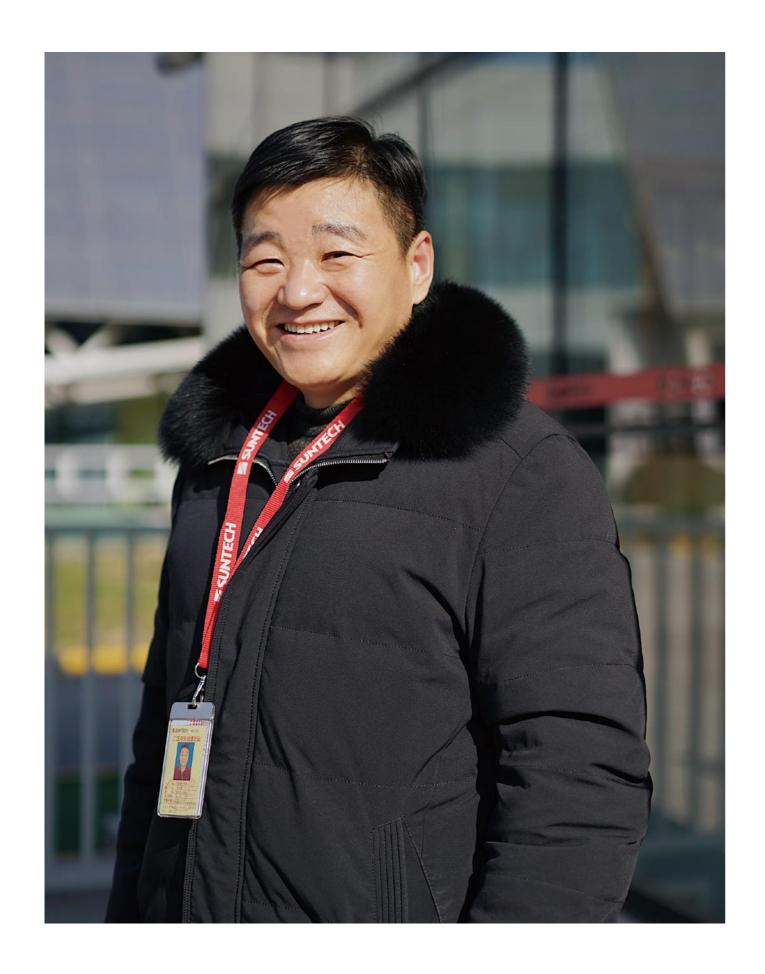
It's okay to do it once, but they have done it for 22,180 times

"For pandemic response, what we have done better is we acted quickly." When the Security Director Chen Weibin was interviewed, he was somewhat emotional and somewhat proud. Chen Weibin has not returned home for a whole year since he rushed back to his job from his hometown in Shandong on the first day of the Chinese New Year last year. He still chose to stay on duty this Spring Festival just to ensure our security.

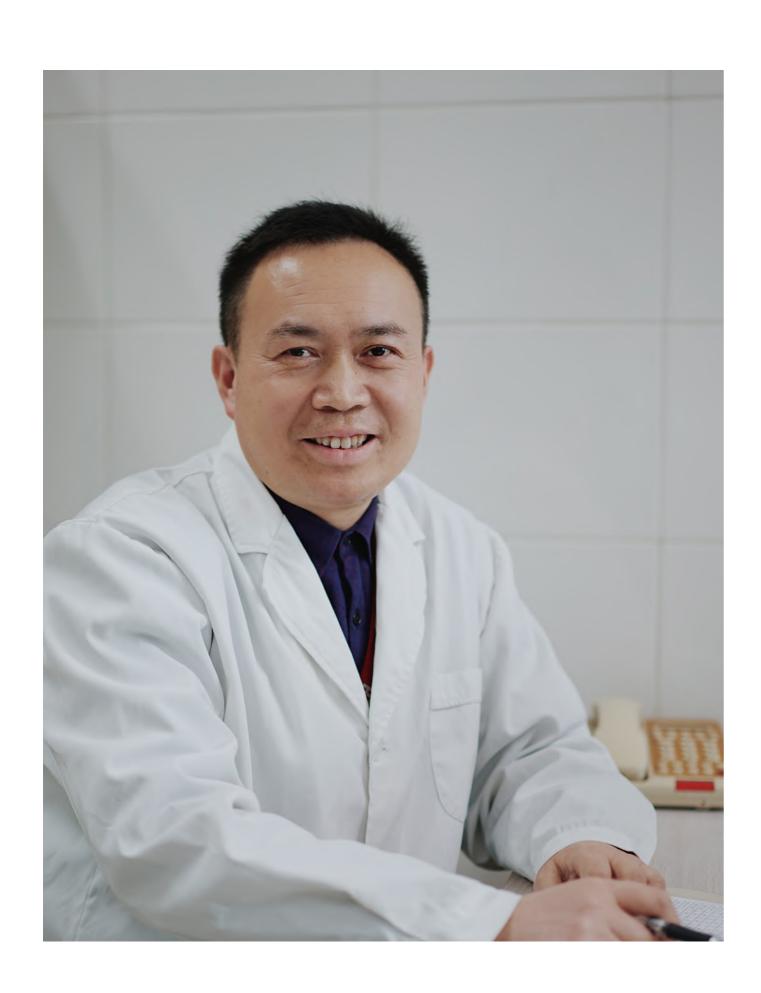
In this year's epidemic prevention and control work, Chen Weibin took advantage of his years of security work experience and formulated, at the fastest speed, SOP for all types of personnel and vehicles entering the factory, making the on-site security duties more in line with actual requirements, with better operability and more effective. During the interview, Chen Weibin was deeply moved when he talked about the security guards, "in the early stage of the pandemic, they did not have any protective clothing, only the most common masks, and they were also heroes in harm's way. The outbreak of the epidemic came suddenly. They have to face so many people with uncertainties every day. They have been moving forward courageously and fighting on duty to maintain safety and assist in the epidemic prevention and control."

It is easy to perform disinfection and temperature test once, but it takes a lot of willpower to fight a prolonged battle. In 2020, the security team carried out a total of 22,180 disinfections on all vehicles entering the factory, checked 6,899 times on construction personnel and made 6,601 visits. There had never been an exception in the factory entering/leaving inspections. "Zero error" was achieved in the verification and control of more than 5,900 batches of items to ensure compliance. Throughout the year, all the company's personnel had been tested for body temperature when entering the factory, which is expected to reach 400,000 times. "Although there were many difficulties in the implementation process, some people did not understand why we need such strict control, but we are the first line of defense to ensure the safety of Suntech, and we must defend it!"









2020 has passed.

Everyone in 2020 has stood at the center of history at a certain moment. As an individual and as a group of people, they have witnessed and experienced a very turbulent time. Perhaps this is also a kind of greatness. But what we have to face now is a brand new 2021.

In the Spring Festival of 2021, staying put for the Chinese New Year has become the mainstream. Those in the Administration Department who silently guard the safety of everyone still willingly choose to stay on duty. How shall we provide food, accommodation and transportation for the staff on duty during the festival? How do we verify people's travel records when they are returning to work after the holiday? These tedious questions have been

circling in their minds for months. At the end of the interview, they held an emergency meeting to arrange for ensuring the supply during Spring Festival.

This team has been serving the company for an average of 12 years, safeguarding all the Suntechers with calmness, carefulness, patience and high execution ability.

I hope that when spring comes, they will all have a sweet smile on their face.

Suntech the First PV Enterprise to Certify PV Module Operator In Jiangsu

Recently, Suntech became the first PV enterprise that has the qualification to certify Photovoltaic Module Operator in Jiangsu Province, after the self-compiled Specifications for Professional Skills Certification of Photovoltaic Module Operator had been successfully approved.

In recent years, China has vigorously advocated the cultivation of skilled talents. On January 7, the Ministry of Human Resources and Social Security issued the Opinions on Further Strengthening the Connection between the Career Development of Highly Skilled Talents and Professional and Technical talents in the hope to further open up career development channels for highly skilled and professional and technical personnel, and strengthen the training of innovative, practical and skilled talents. The Opinion encourages professional and technical personnel to participate in the evaluation of vocational skills, strengthen the connection between the evaluation system and the employment system, and explore the establishment of internal skill post levels in enterprises compared with the sequence of management and technical posts. The Opinion also calls for establishing the mechanism to connect professional and technical posts, operation and management posts, and skilled posts. The Opinion points out that senior workers, technicians and senior technicians shall enjoy the same treatment compared with the professional and technical personnel at the corresponding level in the aspects of further study, post appointment, promotion, evaluation and awards, declaration of scientific research

In this technology-intensive industry, PV companies need to ensure that personnel skills training is the foundation of the sustainable development of a company that employs a large number of front-line staff. Through systematic research, the Suntech Human Resources Department has come to the conclusion that the training of PV module operators should not be limited to internal training, but also requires a set of norms to standardize and describe in detail the professional activities of

front-line operators, and clearly define the skill level and theoretical knowledge level of practitioners at all levels. Through on-the-job skills training and assessment, they can meet the company standards. Against this background, in June 2020, Suntech HR Department, collaborated with Production Department, Module Technology Department, Module Quality Department initiated the compilation of the Enterprise Evaluation Norms on PV Module Operator, under the guidance of experts from Wuxi Vocational Skills Evaluation and Guidance Center, and Human Resources and Social Security of Xinwu District, Wuxi City. These standardized norms provide the foundation for professional skills certification in the PV industry and motivate Suntech staff to learn more and improve their skills. Thanks to the efforts in the past half year, the skill certification was successfully put on records after being verified at the district, city and provincial levels. Now the company is working hard to apply for a larger applied scope of the norms to Jiangsu PV Industry Association.

Ms. Wang Ning, vice president of Suntech said, "over the past two decades, Suntech has been devoted to PV modules R&D and production. For each piece of module production, we seriously control the quality. Therefore it is a must that the front-line Suntech staff are equipped with the leading production skill level." As the first photovoltaic enterprise in Jiangsu Province with the qualification to certify PV module operators, Suntech will try its best to provide employees with both theory and practice training opportunities. In the future, Suntech employees can complete the professional skills certification of PV module operators within the enterprise and become more professional within the PV industry. "Suntech responds to the government's call on putting more emphasis on professional skills and takes special care of career development of each employee. We will take concrete action to develop the company as a high-tech and sustainable one that cares about its employees." Ms. Wang added.





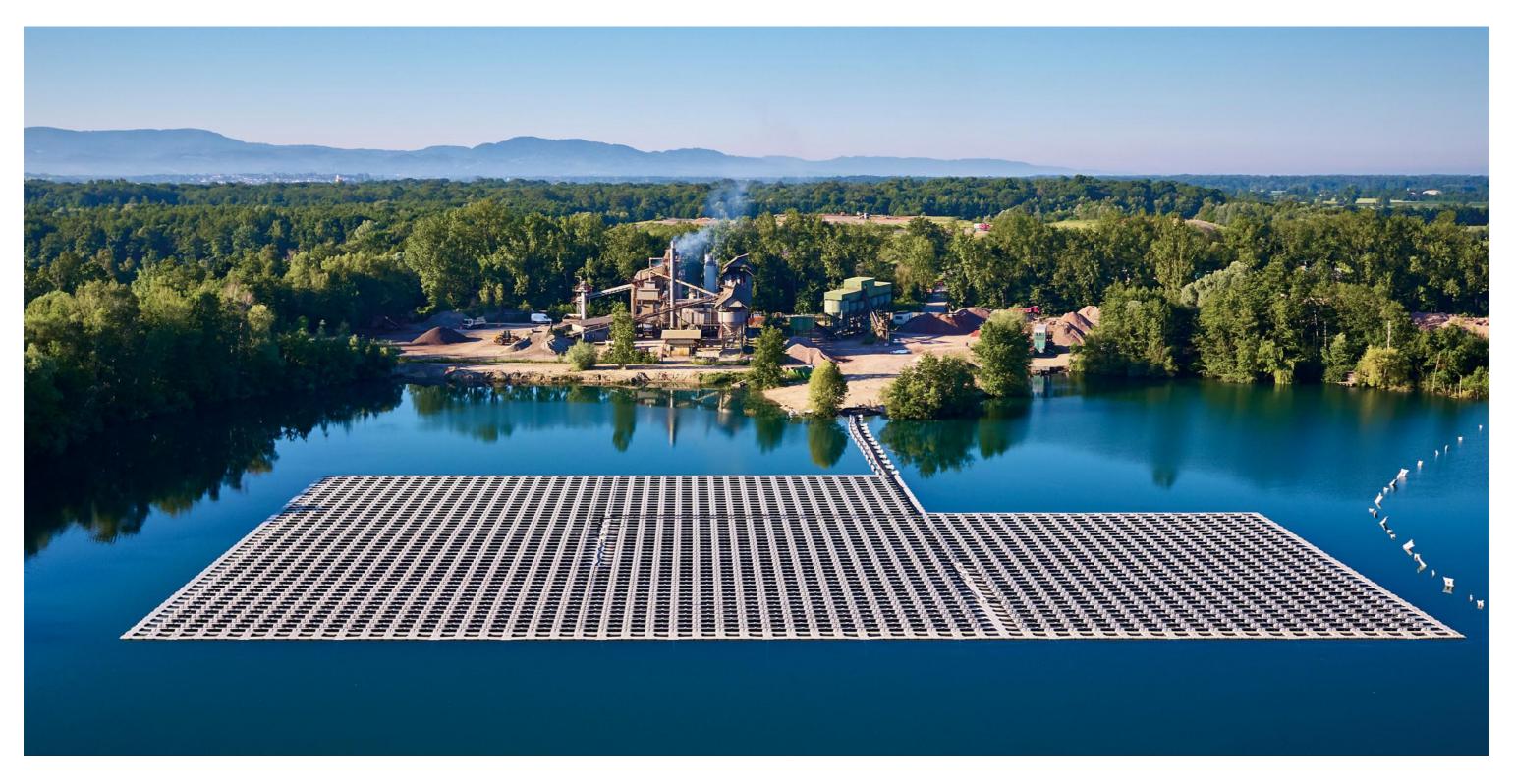








- 41 GLOBAL SUNTECH
- 49 Suntech Ultra V series 182 modules debut in Egypt



Project name: Baggersee Maiwald Floating Solar Power Plant in Baden-Württemberg, Germany **Project capacity:** 750 kW

Back in July 2019, in Renchen, a southern town of Germany, Suntech's 750 kW efficient PV modules were installed in the floating solar PV power plant on the Baggersee Maiwald lake. Today, this project is still Germany's largest aquatic floating solar power plant.

An August 2020 report from Erdgas Südwest, a natural gas company and the developer of the power plant project, showed that the 2300 pieces of Suntech PV modules on the lake generated 860 MWh of solar power in total, beating the predicted 800 MWh target. Ossola, a century-old company in the quarry sector, whose heavy equipment works in basically the same period when the power plant generated power, had used two thirds of the produced solar power. Thanks to this, Ossola's power bill was cut by 10%. The remaining one third of the produced solar power was connected to the public electric gird, and distributed by Erdgas Südwest directly from there.



Project name: Largest On-Ground Solar Power

Plant in Baden-Württemberg, Germany

Project capacity: 58.3 MW



Project name: Rooftop Solar Power Plant of

Kuwait Energy Administration (PAI)

Project capacity: 400 kW



Project name: Solar Power Plant in Oberwesterwaldbahn, Germany **Project capacity:** 10 MW

与传统光伏电站相比,德国Oberwesterwaldbahn光伏电站项目选址特殊。项目地属于德国黑森州,是中欧东西交通要道必经之地。从巴黎通向华沙,甚至莫斯科的高速公路和铁路都会经过这里,从德国西部通向首都柏林的高速ICE铁路也通过这里。该电站建设地距离高速公路仅110米,为公路行驶车辆的安全考虑,对电站使用组件的光线反射有极其严格的要求。根据项目特性,尚德提供了高效防眩光组件。该组件使用高质量低反射率玻璃,可将常规玻璃上的典型直接光反射率从10%降低到小于3%,有效减少光伏组件产生的光学反射和光学污染,可适用于机场、铁路、公路等有严格防眩光需求的环境。



Project name: Solar Power Plant in Sierra

Nevada, Spain

Project capacity: 7.5 MW

Sierra Nevada in Spain is covered with snow all year long, and snow fall here is particularly heavy every winter. This sets high requirements on the ability of PV modules to resist low temperature and high snow load. Field surveys show that 100 kg snow deposits on every square meter of the site of the power plant. Suntech's efficient PV modules do well in bearing high snow load. According to the VDE test results of Suntech's own PV lab and a third-party lab, Suntech's PV modules can resist 550 kg/m² (or 3.7 m thick) snow, so they can comfortably handle the snow fall on the plant site.



Project name: Solar Power Water Pumping and Irrigation Project in Yemen

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Project capacity: 10 MW

In March 2020, a water pumping and irrigation system was built up in Yemen, with Suntech supplying the PV modules. After the power supply is switched on, underground water is pumped out and then flows into the cracks of the previously dried-out earth, wetting and revitalizing the land that has long been barren. The solar powered water pumping and irrigating system runs without noise, unlike the conventional system that uses diesel engines with annoying roars. Field survey shows that one such Suntech-supplied solar powered water pumping and irrigation system can pump out 800 tons of water every day, 30 tons for household use and 770 tons for irrigating 65 hectares of orchard.



Project name: Markerbach Pumped Storage Solar Power and Hydropower Plant in Saxony, Germany

Project capacity: 4.3 MW

Sweden-based Vattenfall had planned for the construction of this "solar power + pumped storage power plant". Vattenfall, the fifth largest energy company in Europe, installed about 10710 pieces of PV modules (amounting to a total capacity of 4.3 MW) in the upstream dam, to make full use of solar power as supplement to the hydropower production. All these 10710 efficient multi-bus bar half-cell PV modules were supplied by Suntech. The generated solar power each year is expected to be able to support the annual electricity usage by 1,500 common Germany households.



Project name: Duurkenakker Solar Power + Wind Power Plant in Netherlands

Project capacity: 64 MW



Project name: Setta Solar Power Plant

in Pernambuco, Brazil **Project capacity:** 1.5 MW



Project name: Solar Power Plant in Bhadla, India

Project capacity: 300 MW

(196.25 MW out of Suntech supplies)



Project name: Rooftop Solar Power Plant of Bahrain Central Bank

Project capacity: 40 kW



Project name: Solar Powered Fishery Combination Project in Qingyang County, Chizhou

Project capacity: 10 MW

Qingyang County, Chizhou, Anhui Province is characterized by dense water networks and scattered farm land, which is not friendly to the development of large-scale farming. Naturally, fishery becomes the most important agricultural activity in the county. To promote the development of green agriculture and boost rural economy, the local government made the solar powered fishery combination project a priority in attracting investment. This "one resource, two businesses" development mode does not occupy additional land resources, improves land usage efficiency and land values. It also optimizes local energy structures and develops a new form of economy.



Project name: Solar Power Project of Matougang Sewage Treatment Plant in Zhengzhou,

Henan Province

Project capacity: 27 MW

The project is located in Huiji District, Zhengzhou, Henan Province. A total of 101234 pieces of Suntech PV modules were installed for the project. About 36,740 kWh clean electricity is produced by this project every year. To put that into perspective, it amounts to saving 13,200 tons of coal, reducing 32,900 tons of carbon dioxide emission and 8,976 tons of dust emission. Using clean electricity in treating pollutants in the water supply and discharge business can reduce pollution and lower emissions into both the air and water systems. This is also a boost to local efforts in saving energy and optimizing the energy structure.

Looking back at 2020, we can see from these project photos that Suntech's persistence has never changed.

Into 2021, we are determined to carry the momentum of the 20th anniversary of the company to set off again and continue to power the future with Suntech's PV modules!

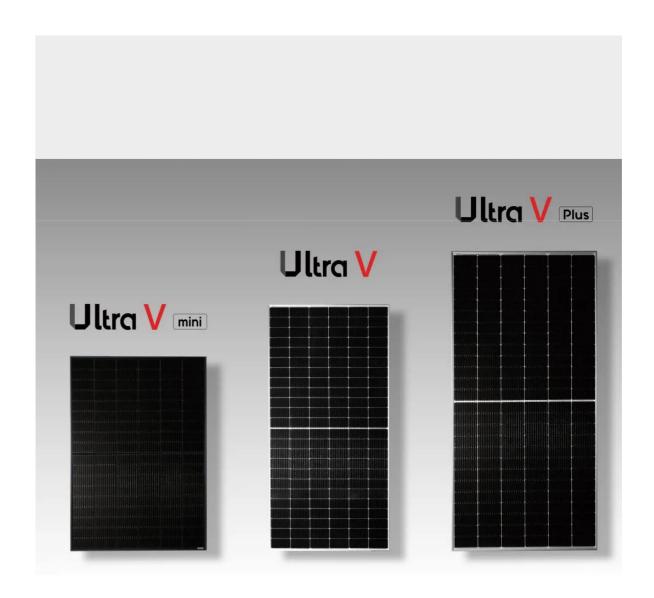
Suntech Ultra V series 182 modules debut in Egypt

On Jan 31, Suntech has delivered the newest Ultra V series solar modules to Egypt. As the first 182mm large-size modules, they will debut in the Egyptian market a month later.



The Ultra V series module, newly released by Suntech in H2 2020, is based on 182mm large-size silicon wafers after repeated tests, comparisons and research by Suntech technical team, while deeply optimizing the module pattern and adopting high-density encapsulation technology, reducing the spacing between cells, increasing the effective power generation area of the module, with module conversion efficiency reaching 21.3%. The combination of half-cut and multi-grid technology, flexible profiled ribbons and high-reflective grid laminate backsheet improves light efficiency and achieves a significant increase in output.





As one of the key developing markets in recent years, Suntech has established a comprehensive local distribution system and after-sales service network in Egypt, and with the close cooperation with local distributor ACO, Suntech products have been in the leading position in the Egyptian distribution market for a long time. With powerful brand influence in Egypt, Suntech has broadened its business scope while branching out to more customers in North Africa and MENA.





- 53 Suntech Awarded The First Prize Of Jiangsu PV Science And Technology Award
- 55 Suntech Honored with Wuxi Leading Enterprise of Key Industrial Clusters 2020
- Wuxi Suntech Listed as a 2020 Pilot Enterprise for the Utilization of Intellectual Property Rights by Industrial Enterprises

Suntech Awarded The First Prize Of Jiangsu PV Science And Technology Award

On December 5, 2020, Suntech Vice President Mr. Zhang Wei was invited to the high-level dialogue on the PV Industry Coordinated Development Conference, held in Nanjing, Jiangsu Province. Suntech was honored with the first prize for the module industrialization technology.

The conference has brought the industry leaders together to facilitate cooperation and exchange ideas on the holistic industry chain and supply chain, the latest trend, technology and achievement and the blueprint of PV industry. In the high-level dialogue, Suntech Vice President Mr. Zhang emphasized that as a world-renowned module supplier, Suntech played a key role in the decades' development of PV industry in Jiangsu. Faced with global supply chain hard hit by the covid-19 and the high quality development of the PV industry in the future, the government and industry organization shall improve the planning and the sound ecosystem of the PV industry.

Since 2019, Jiangsu PV Industry Association has set up the Jiangsu PV Science and Technology Award in a bid to evaluate every sector of the PV industry and honor those individuals, groups and companies that contribute to the R&D, and tech promotion of the PV industry. The award aims to promote the technological development and enhance the competitiveness of PV industry in Jiangsu Province.







This year, Suntech won the first prize with module industrialization technology. This project adopts half-cut mono cell, which is the pioneering design that can enhance module efficiency and reduce module temperature and hot spot. The unique design drastically cuts the industrial equipment investment and enables faster industrialization of high-performance half-cut technology. Coupled with half-chip mono module, Suntech lower the photovoltaic power cost with industrialization of high-performance, high-reliability and low-cost modules.

Suntech has always been a staunch supporter of product R&D and technology upgrading. We strive to enhance product transformation efficiency and improve new technology R&D and technique. With leading technology, we stay committed to providing PV products with higher performance and reliability to our customers and market. In the future, we will continue our efforts in technology transformation and product R&D, and convert technology establishment into productivity and to inject vitality to the global PV industry.

Suntech Honored with Wuxi Leading Enterprise of Key Industrial Clusters 2020

In recent days, Suntech was certified as the new energy leading enterprise, in the list of Wuxi Leading Enterprise of Key Industrial Clusters 2020 by Wuxi Bureau of Industry and Information Technology.

According to the Implementation Opinions on Accelerating the Development of Key Industrial Clusters in Advanced Manufacturing Industry by Wuxi Municipal Committee of the Communist Party of China and Wuxi Municipal People's Government (NO. 2018.84), Wuxi Bureau of Industry and Information Technology conducted the certification work of the Leading Enterprise of Key Industrial Clusters 2020. Based on the prior recommendation and discussion, 56 enterprises were nominated. The certification not only represents the reputation of the enterprise within the industry, but also forges an advanced industrial cluster. Suntech, with its influence and driving force in the renewable energy industry, remarkable business performance, and strong technological foundation, deserves this title.





The year 2020 marks the steady global expansion of Suntech. Through the synergy advantage of the group's vertical integration, it has expanded capacity in Wuxi, Changzhou and Indonesia respectively. At present, it has distributed 10GW + high-efficiency module production capacity around the world. Through pragmatic operation, the company sells modules to more than 100 countries and regions around the world, with more than 1500 high-quality partners in the industry. Suntech's cumulative shipments have exceeded 24GW. The honor of the leading enterprises is an affirmation of Suntech's achievements and influence in the PV industry.

Suntech has long been committed to module transformation efficiency and constant innovation and improvement in new technology and manufacturing technique. 2021 marks the 20th anniversary of Suntech. We will continue to improve the industrial chain cooperation and further meet the global demand for high-quality PV module products with our advantages

in management, technology, capital, sales channels, and brand reputation. We will never forget our initial intention and continue to carry responsibilities to make a greater contribution to the new energy industry.





Wuxi Suntech Listed as a 2020 Pilot Enterprise for the Utilization of Intellectual Property Rights by Industrial Enterprises

A few days ago, the General Office of the Ministry of Industry and Information Technology (MIIT) of China announced the list of 2020 pilot enterprises for the utilization of intellectual property rights (IPRs) by industrial enterprises. Wuxi Suntech Power Co., Ltd. has successfully made the list thanks to the recommendation by the China Photovoltaic Industry Association.

To further implement National IP Strategies, the MIIT organized pilot enterprise recommendations for the utilization of IPRs by industrial enterprises following the requirements of the Manufacturing Industry Intellectual Property Rights Action Plan (2018-2020). The evaluation indicators mainly include the number of IPRs owned by an enterprise, the establishment of the IPRs management system, and the ability and experience to use IPRs. Among the advantageous and distinctive industries of various sectors, priority is given to industrial enterprises that feature a solid foundation, distinctive characteristics, satisfactory results, and industry-wide influence in the utilization of IPRs.



Patents are an important indicator to measure an enterprise's R&D investment and IPRs protection. Suntech attaches great importance to the role of patents in corporate management. It has an organization and full-time staff dedicated to IPRs management. It has also established a sound IPRs management system and is committed to the protection and utilization of technological innovation achievements. Suntech's patents cover various fields such as photovoltaic cells, photovoltaic modules, photovoltaic application systems, and photovoltaic production equipment. By the end of December 2020, Suntech has applied for a total of 896 patents and obtained 555 authorized patents. It leads the domestic photovoltaic industry in terms of the number of patents applied as well as the number of patents authorized. Notably, several patents have won honorary titles such as the China Patent Excellence Award, the Jiangsu Provincial Patent Gold Award, and the Wuxi Municipal Patent Gold Award.

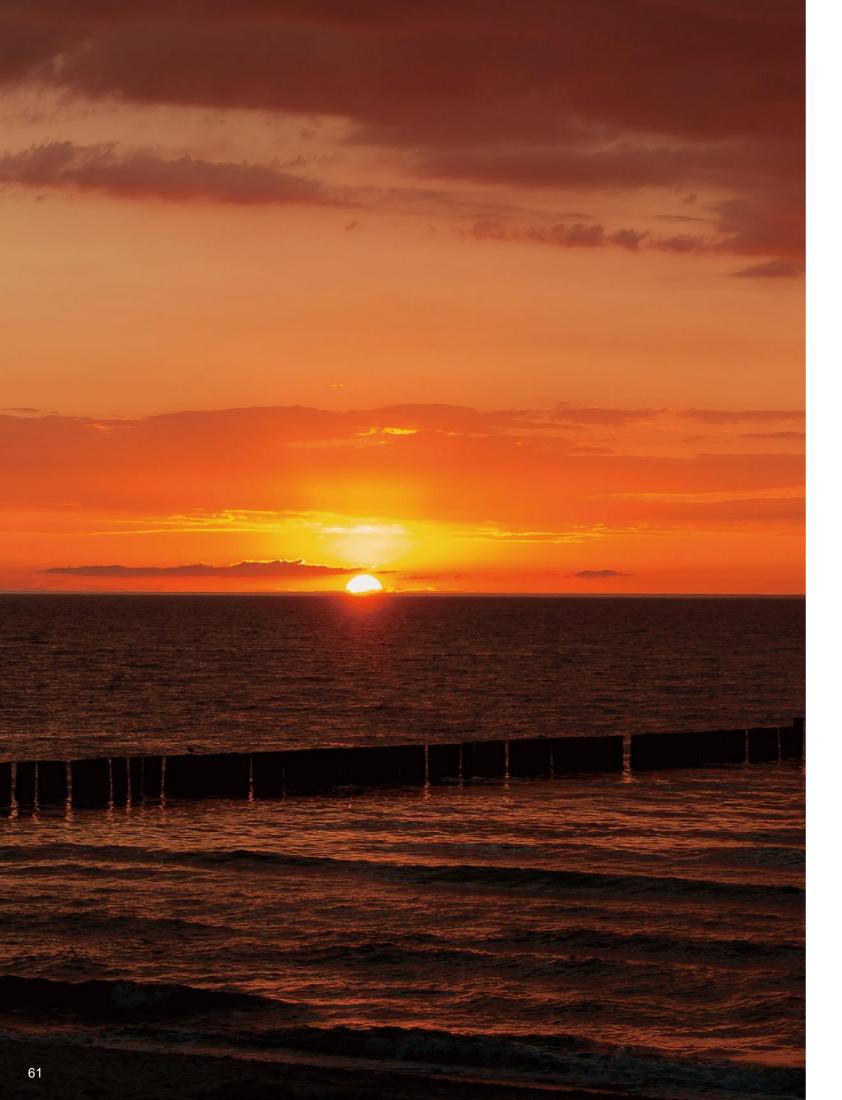
In addition, Suntech has also established a sound management system in terms of intellectual property management. The company formulated the intellectual property management policy of "continuous technological innovation and intellectual property rights empower photovoltaic power generation and secure Suntech's first-class photovoltaic brand". It has established a full set of management manuals and procedure documents to manage the standards systematically, which has comprehensively improved the company's ability to use and protect intellectual property rights. Since the establishment of the intellectual property management system, Suntech has conscientiously implemented the GB/T29490-2013 corporate intellectual property management standards as well as the intellectual property strategy, intensified corporate intellectual property work, and strengthened the popularization and training of intellectual property knowledge as well as patent application and protection, etc.



Relying on its superior technical advantages and manufacturing capacity, Suntech has taken a solid and steady path to protect intellectual property rights.

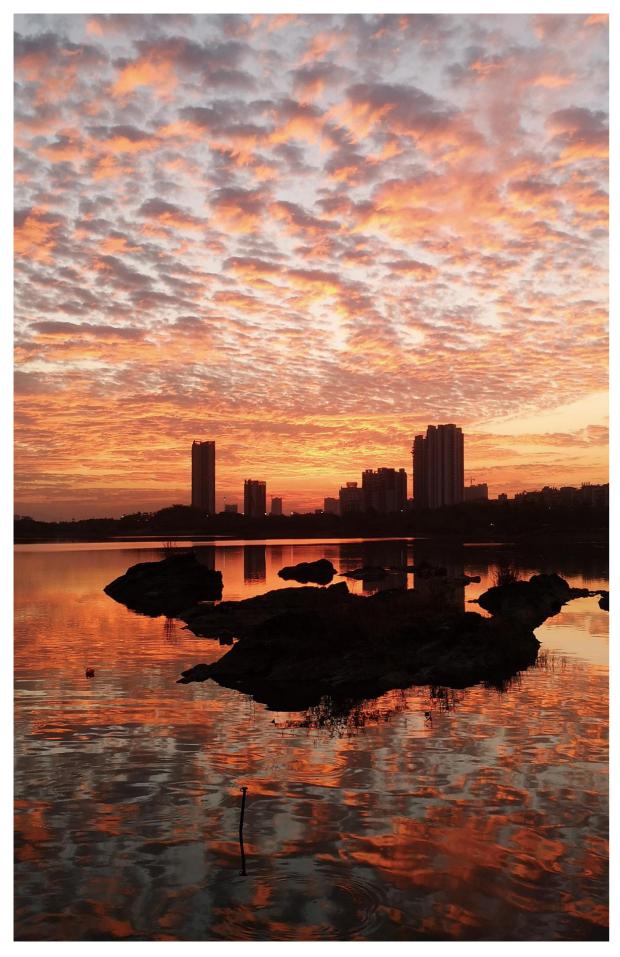
Adhering to the concept of "Persisting in technology and innovation", the Suntech people have gradually cultivated a sense of innovation after a variety of education and trainings, which helps to secure the smooth development of Suntech's intellectual property protection. In the future, Suntech will continue to develop more core technologies, give full play to the advantages of core patents, and turn more patented technologies into real productivity.

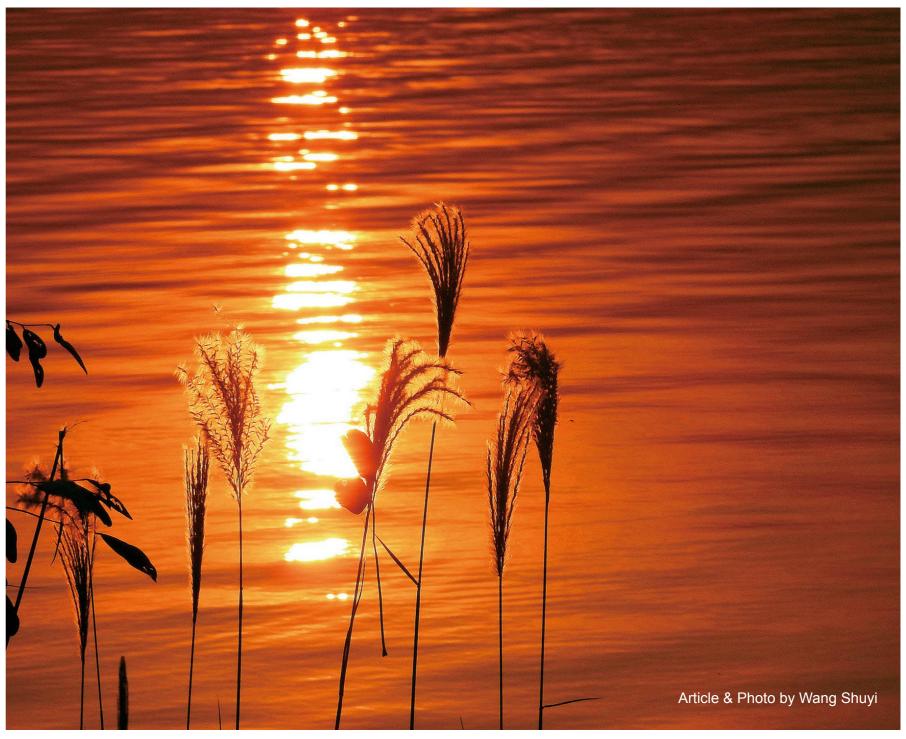
Suntech will provide customers with higher-quality photovoltaic products and innovate for a green future!





- 63 Lakeside Sunset Pick Wuxi Minority Beauty Clock Place
- 65 Staying Put for Chinese New Year A special Spring Festival with the same festive atmosphere





There are many wetland parks by the Taihu Lake. But the Daxigang Wetland Park has become an Internet celebrity check-in point!

Having the unique geographical advantage of the Taihu Lake embankment, the park has beautiful scenery and fresh air. As a hot photography spot, rainbow fences, two-color trails, and sunsets by the lake are all perfect for taking photos and showing life in your social network. Is it the place where you can shoot a blockbuster truly like what it looks like on the photo? Why not go and check it out yourself!

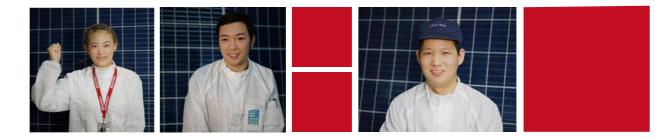


STAYING PUT FOR CHINESE NEW YEAR

A special Spring Festival with the same festive atmosphere

Article by Luo Yanping Photo by Jiao Huihui

We have been staying put for the Chinese New Year of 2021. The Spring Festival of the Year of the Ox came later than usual. Affected by the Covid-19 pandemic, the government vigorously advocates staying put for the Chinese New Year. Suntech's component factory also actively responded to the call, encouraging a large number of employees to stay in Wuxi for the Chinese New Year before holiday, laying a solid foundation for resuming work after Spring Festival. As the old saying goes, "food is the first necessity of the people." We went to the Suntech's P3 component factory and asked what kind of food did the front-line workers staying in Wuxi have for the New Year? And how did they spend this special Spring Festival?



The taste of hometown sent by courier

For the first stop we went to the third production department of Suntech's component factory. When we talk about the third department, the story shall begin with 2020's Spring Festival. They had taken on the responsibility of continuous production during the Spring Festival at that time. The sudden outbreak of the epidemic disrupted their original shift schedule. A large number of non-local employees were unable to return to their posts as planned. The department and other colleagues who came to support withstood the pressure for production. Later, Suntech was among the first batch of enterprises to resume work and production in Wuxi City. They finally breathed a sigh of relief. As a member of the third department, Zhu Haiyang had an unconcealable sense of pride when talking to us about the story. Chinese New Year in Wuxi seems to be something Zhu Haiyang has been accustomed to. Parents marinated chicken, duck, fish and sausage in his hometown early on, and delivered the taste of home to him by courier. "As long as we have the meatballs made in our hometown, it feels the same as celebrating New Year in our hometown in Yancheng, and we would have the flavor of New Year!" Xie Jinyang of the second department also received sweet potato and meat from his grandma. "But the tripe made by my grandpa is what I want most. I hope I can go home and eat it when the situation with the pandemic becomes better."

Zhou Changhai, who is in charge of the maintenance of equipment in the third department, is from Jurong. He planned to go back for this Spring Festival, but after seeing the government advocating staying put for the Chinese New Year, he quietly refunded the ticket for going home. "I would not want to cause trouble to our country," Zhou Changhai said, "I just hope that my parents can take care of their health at home and don't worry about me. I can take care of myself." When asked what he had for the Chinese New Year's Eve dinner, Zhou Changhai became interested instantly, "I cooked myself. I had a meal with my colleagues and I cooked." As it was almost lunch time, we decided to go to the material preparing center nearby. Liu Yang is the leader of the center. He didn't return to his hometown in Huai'an during the Spring Festival last year. "I brought my parents to Wuxi. We had a happy Chinese New Year in Wuxi." Speaking of the customs of the Chinese New Year in his hometown, Liu Yang seemed to have a great say, "In our hometown, the Chinese New Year must have braised foods. We have to make our own braised foods at home. My parents started making braised foods in Wuxi early this year, so we could have the taste of our hometown in Wuxi." Where is the family? Where is the festive atmosphere? In Liu Yang's heart, the safety and health of his family in the new year is the most important thing.

Do it yourself - a bite of hometown during Chinese New Year

Xing Lanlan, also from Yancheng, is the team leader of Department III. She has been having New Year's Eve dinner in the canteen for the past two years. This year, she cooked herself a feast. She hopes that her company Suntech would get more orders so that they could work hard to earn more money. Sun Yunfei is responsible for the equipment maintenance of the stacking process. During the Spring Festival, he took his family to visit a few major scenic spots in Wuxi. To him, happiness is being able to cook some homemade dishes with his family on Chinese New Year. Ma Yan from Anhui made dumplings by herself during the Spring Festival. Pork and celery dumplings are her favorite and she thinks that Chinese New Year is meant for dumplings. Wang Xiaojing's signature dish is stewed chicken with noodles. It is a specialty of his hometown in Henan province. "It takes quite a bit of effort to make this dish," he said," I spent 40 minutes on this single dish but it's definitely worth it. Every bite of the chicken is tender enough that the elderly in the family can enjoy it. The stew smells so good that it boosts your appetite even before it's served..." Everybody knows that Wang can never shut up about food. Geng Yinglan chose to spend 80% of her time at home to rest. She ate sticky rice balls on the morning of New Year's Day and cooked a few of her favorite dishes every day. She loves deep-fried food but her family wouldn't let her eat too much normally, so she had a great time this New Year!

Wuxi is a nice place. Gaohu of Department II is the graduate trainee of 2020, responsible for the pre-lamination equipment maintenance. This is his first year of work, and also the first time he has not gone back home for the Chinese New Year celebration. He said, "My parents were actually very supportive of my job. I went to the Grand Buddha at Mountain Ling in Wuxi and realized that there are many interesting places in Wuxi." Liu Shang, who is sitting aside him agreed. He loves traveling and hopes to go out as soon as possible. Sun Qiangfu from Anhui province also expressed that he hoped the pandemic could end as soon as possible. When it ends, he wants to go home to see his parents and take his daughter and his newborn son to see the world. This Spring Festival is very different, we have seen everyone's contribution to prevent and control the pandemic. Let's wait for the good time, when the spring flowers bloom, the happiness of having tasty food can be enjoyed by everyone.

EDITOR'S NOTE

Luo Yanping

"Leave yourself some time to do what you like"

Editor-in-chief. Editorial department

Perhaps when we look back, we'll find that the year of 2020 is just a short fragment in time. It will eventually become fuzzy and non-particular. We need to stretch the scale of time, and only after 30 or 40 years, will we be able to see the direction that year took us in.

Saying goodbye to the past year and welcoming the new one is a formalistic rhetoric that should be cherished and reflected on every year. Other than sighs and remembrance, the more important things are how we lay our own coordinates for the new year, confront impermanence and boundlessness of the heart, and gain our own power over time.

I have already started looking into life around me since the first day of the 2021 Spring Festival During this period, I intermittently recorded what I saw and heard in words and compiled them into

In the new year, the magazine has undergone a large-scale revision, which had been hard work by only one person in the beginning. But it ended up very well, with a photography team and a design team built. The magazine has changed its name to "SunLens", meaning to use its unique lens to show you a different Suntech. In short, this revision makes the magazine more attractive and interesting, and people will be willing to spend some time on it.

Hope you like it.

Jiao Huihui

Photographer,

"The Warmth of the Heart"

Editorial department

With lighting, composition, zoom, frame, every look in light and shadow has its own temperature.

No matter if wearing uniform, or raising the receiver to say the same opening words, every figure that is working around you, who seems to be occupied by the repeated and dull process, actually has a magnificent, interesting, and vivid world inside of them.

Meanwhile, this is not a cold lens that chases only the beams, but an exchange of feelings and looks. As you open this page at this moment, it is not only the transmission of information, but also the company, the brand, you and me, and the concern for "people". It is just like that

Chen Ying

"In 2021, no more hurry."

Designer, **Editorial Department**

I guess there must be many people like me who have set a bunch of new year's resolutions for themselves at the 2021 New Year's Eve, for example, to make fitness a habit, to read a book a month, to sort out their lives, and to meet with friends more often.

But when looking back, I found that 2020 passed quickly, and most of my goals for 2020 were not achieved. I regret that I had been using the pandemic as an excuse to get away many times.

Graduation came in a hurry, and I only said goodbye casually to my friends before I realized that I might never have a chance to meet them again. My new life also started in a hurry after I found a job and blended into society. With the advent of 2021, those goals regarding sports, books, and friends for 2020 also expired as the year passed.

In 2021, I will not hurry anymore. I will follow the situation, and put hopes in current moments, and in every little detail of life. For example, the pages of this magazine that I have designed are a kind of imprints left by me in life. They can usher you into my world, to feel and understand my design. Things like this are the most feasible goals that I want to achieve



I'M HERE

To enjoy the gorgeous four seasons with you

Requirements

- 1. Style is not limited. Write at least 200 words (except for poetry) with positive contents.
- 2. The article shall be original and will be rewarded according to content and word count, once adopted.
- 3. The article shall be submitted in a digital format with department and name indicated.

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