



新天绿色能源股份有限公司
China Suntien Green Energy Corporation Limited

(于中华人民共和国注册成立之股份有限公司)

A股证券代码:600956 H股证券代码:00956

2020

Environmental, Social and Governance Report



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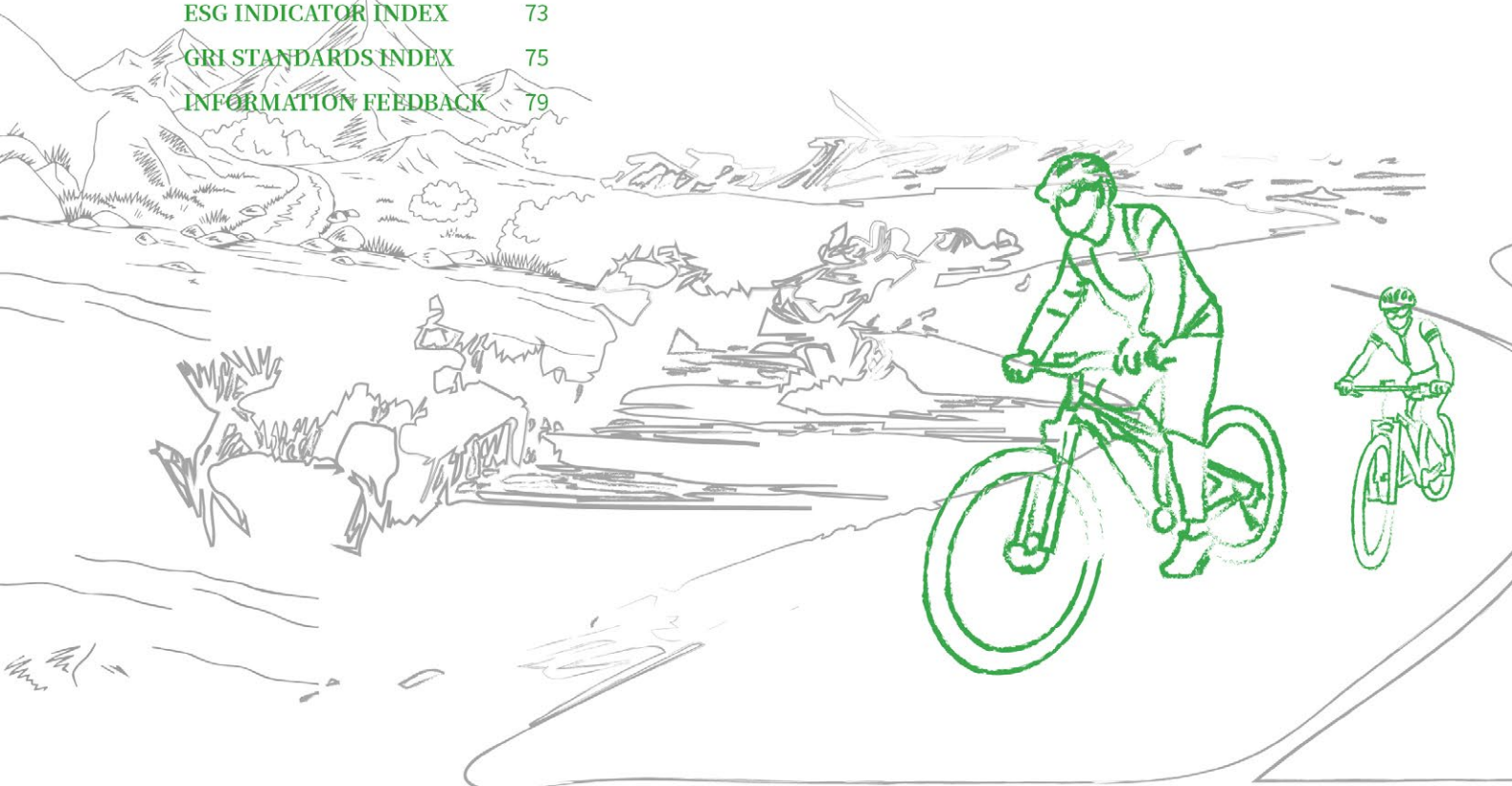
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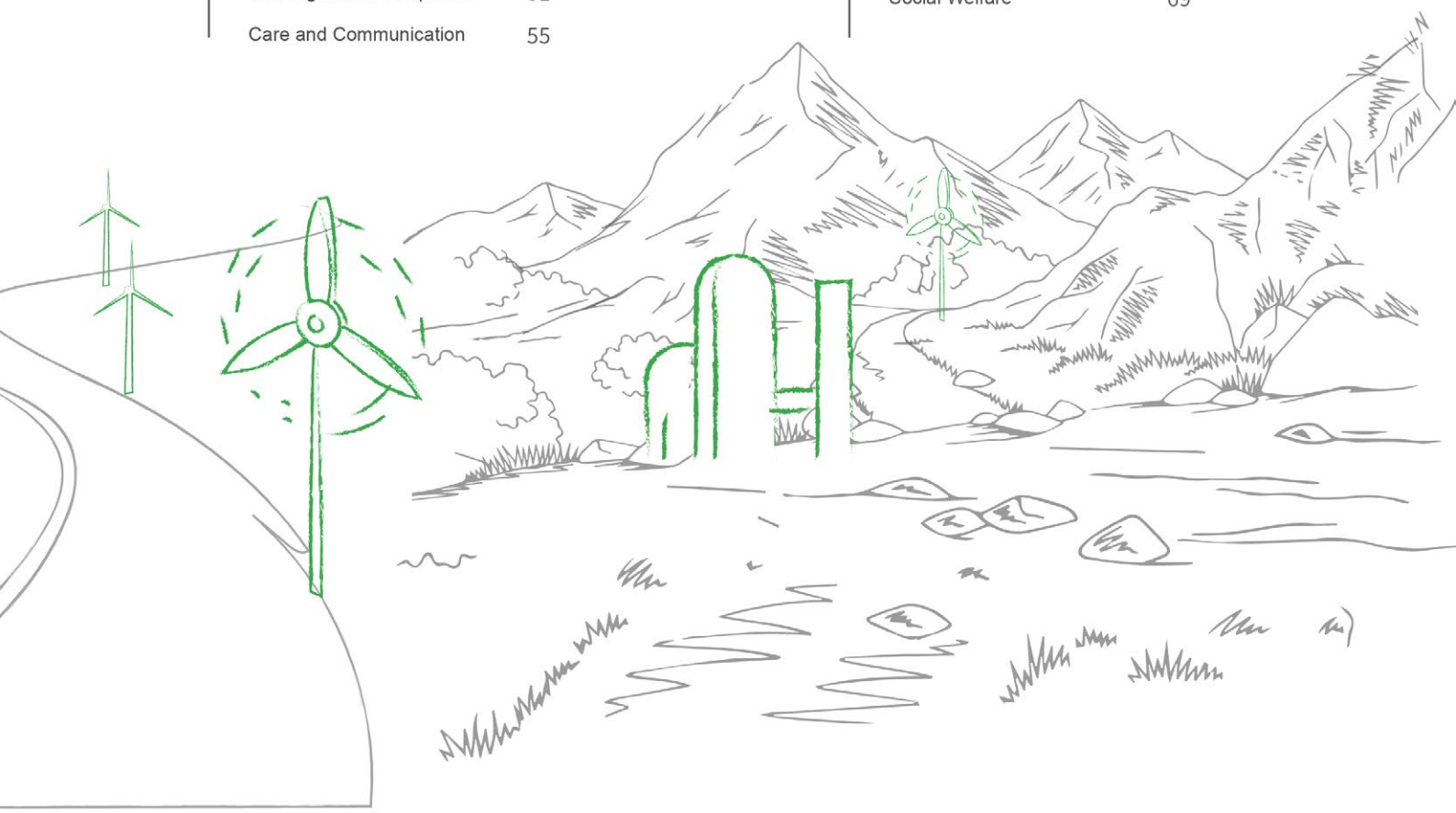
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ABOUT THIS REPORT

This report is a true reflection of China Suntien Green Energy Corporation Limited actively fulfilling its economic, social and environmental responsibilities and achieving comprehensive, coordinated and sustainable development. The forward-looking descriptions of the business plans and development strategies involved in the report do not constitute a substantial commitment of the Company to investors.

SCOPE

- Organisational scope: This report covers China Suntien Green Energy Corporation Limited and organisations under its management.
- Timeframe: 1 January 2020 to 31 December 2020. Certain items mentioned are outside the aforementioned timeframe.
- Publication cycle: This report is published on an annual basis along with the publication of the Company's annual report.

REPORTING STANDARDS

The report was prepared according to the Environmental, Social and Governance Reporting Guide of Rules Governing in Appendix 27 of the Listing of Securities on The Stock Exchange of Hong Kong Limited (the "ESG Reporting Guide"), in compliance with GRI standards "core" plan requirements of Global Sustainability Standards Board (GSSB GRI Standards), and refer to the "Notice on Strengthening Listed Companies' Assumption of Social Responsibility" and the "Guidelines on Listed Companies' Environmental Information Disclosure."

EXPLANATIONS ON DATA

Financial data in the report are extracted from the 2020 annual report. Other data are extracted from the Company's internal management system and statistics, and partly comprise of data from previous years. Unless otherwise stated, RMB is used in this report as its functional currency.

REPORTING FORM

The report is issued in print and electronic versions. Please visit www.suntien.com to download the report. Please call 0311-85278707 if you need a print version.

EXPLANATIONS ON ABBREVIATED NAMES

For convenience, expressions including "China Suntien Green Energy Corporation Limited", "Suntien", the "Company" or "we" are used in the report. Regarding major subsidiaries of the Company, Hebei Natural Gas Limited is referred to as "Hebei Natural Gas" and HECIC Newenergy Co., Ltd. is referred to as "HECIC New-energy".

CONTACTS

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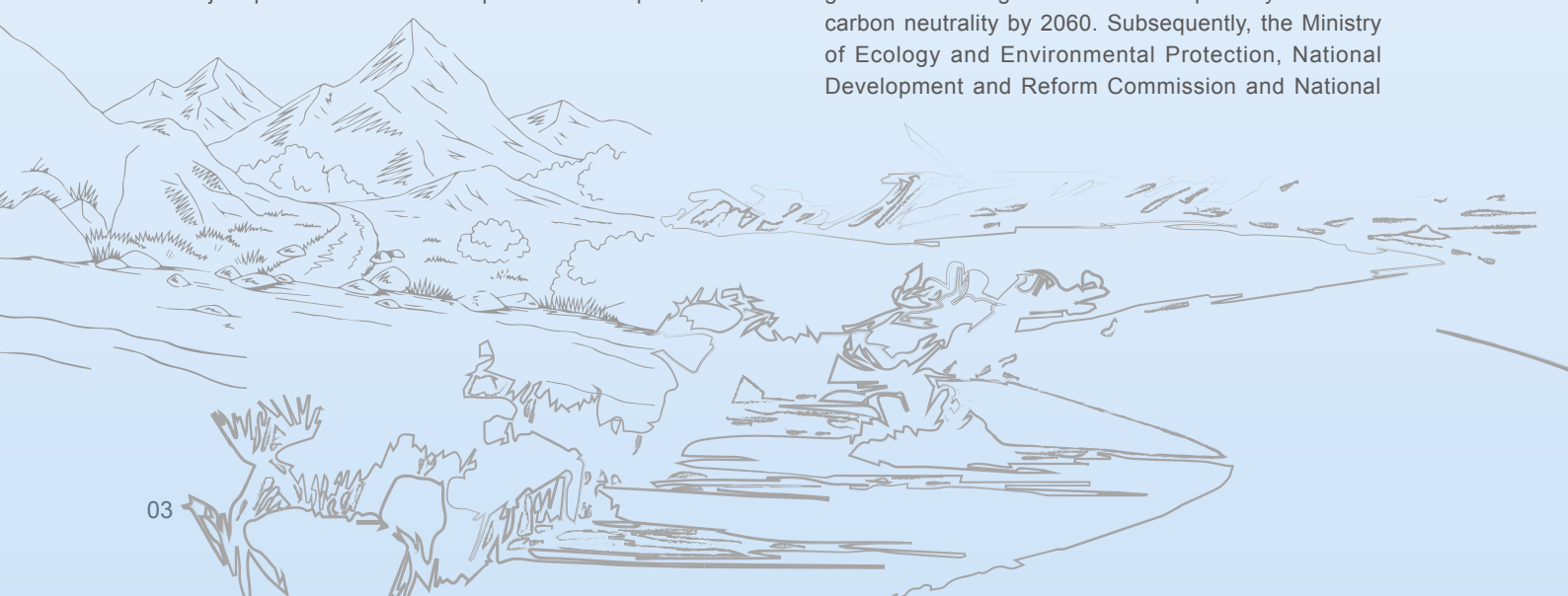
CHAIRMAN'S STATEMENT

Looking back at 2020, we witnessed major changes unfolding in our world, something unseen in a century. We witnessed significant changes in China and even the whole world in 2020. The COVID-19 pandemic began to simmer slowly at the beginning of the year, and spread rapidly across the world beyond everyone's expectation. Up to now, it is the biggest global event in the 21st century, and the uncertainties resulted from the pandemic have caused more people to think about what is important? What can ensure the long-term prosperity and development of a country and the society? What should Suntien as a listed company pay most attention to?

2020 is a new starting point for Suntien. In the middle of the year, Suntien was successfully listed on the Shanghai Stock Exchange, thus becoming the first company engaged in wind power and natural gas and listed on the Shanghai Stock Exchange and HKEX. It is obvious that the new capital market trading platform will inject power into the development of enterprises,

which not only enables Suntien to gain attention from more investors, but also improves our confidence in the long-term stable development of A share market as demonstrated by how the Chinese government to cope with the pandemic. China is the first country that recovered its stability amid the pandemic, demonstrating the country's strong ability to resist sudden risks, which may be attributable to its well-established administration system, or its endogenous culture that allows the Chinese people work together. As a state-owned enterprise based in Hebei, we have reason to believe that Suntien has inherited and even is born with this ability to resist risks. We prepare this report to demonstrate that Suntien is able to achieve sustainable development.

While rapidly restoring the normal operation of the society, China makes a commitment to sustainable development for the future. In September 2020, President Xi Jinping announced China's development goals of achieving carbon emission peak by 2030 and carbon neutrality by 2060. Subsequently, the Ministry of Ecology and Environmental Protection, National Development and Reform Commission and National





Chairman Cao Xin

Energy Administration successively issued supporting policies, and China's coal-fired power plants fell to less than 50 % of its total power generation mix for the first time last year, indicating that China officially entered the low-carbon development route. In fact, Suntien has been serving the national strategic goal for the past ten years, and our rapid development has also benefited from this goal. In 2020, the cumulative installed wind energy and photovoltaic capacity of Suntien reached 5,590.54 MW with the global power generation of 10.051 billion kWh, an increase of 11.72% compared with 2019; and the annual natural gas supply was 3.525 billion cubic metres, with an increase of 8.90%. We continuously explored new forms of utilisation of new energy as progress has been made in such projects as hydrogen production from wind power and pumped-storage hydroelectricity; actively participated in Zhangjiakou carbon trading market by developing 22 projects including clean development mechanism project, international resource certification carbon standard project and international renewable energy certificate, and issued carbon trading emission reduction of 9,325,000 tons of carbon dioxide equivalent. With clean energy being our main business, we made further

efforts to improve our production capability in wind power, photovoltaic power generation and natural gas supply. The holistic low-carbon development climate will bring more new benefits like carbon trading to Suntien in the future.

With the promotion of the grid parity policy, and the increasingly unpredictable weather conditions amid the global climate change, there are many uncertainties in clean energy, but based on the trend of global low-carbon development, we believe that the long-term development opportunities and benefits for Suntien will far outweigh the potential risks. What Suntien needs to do is to keep our own direction, adhere to and implement our philosophy on safe production, protection of employee rights and interests, harmonious community building, and cooperative development with partners. 2021 is not only the beginning of the 14th Five-Year Plan, but also the start of rapid and high-quality development for the next decade.



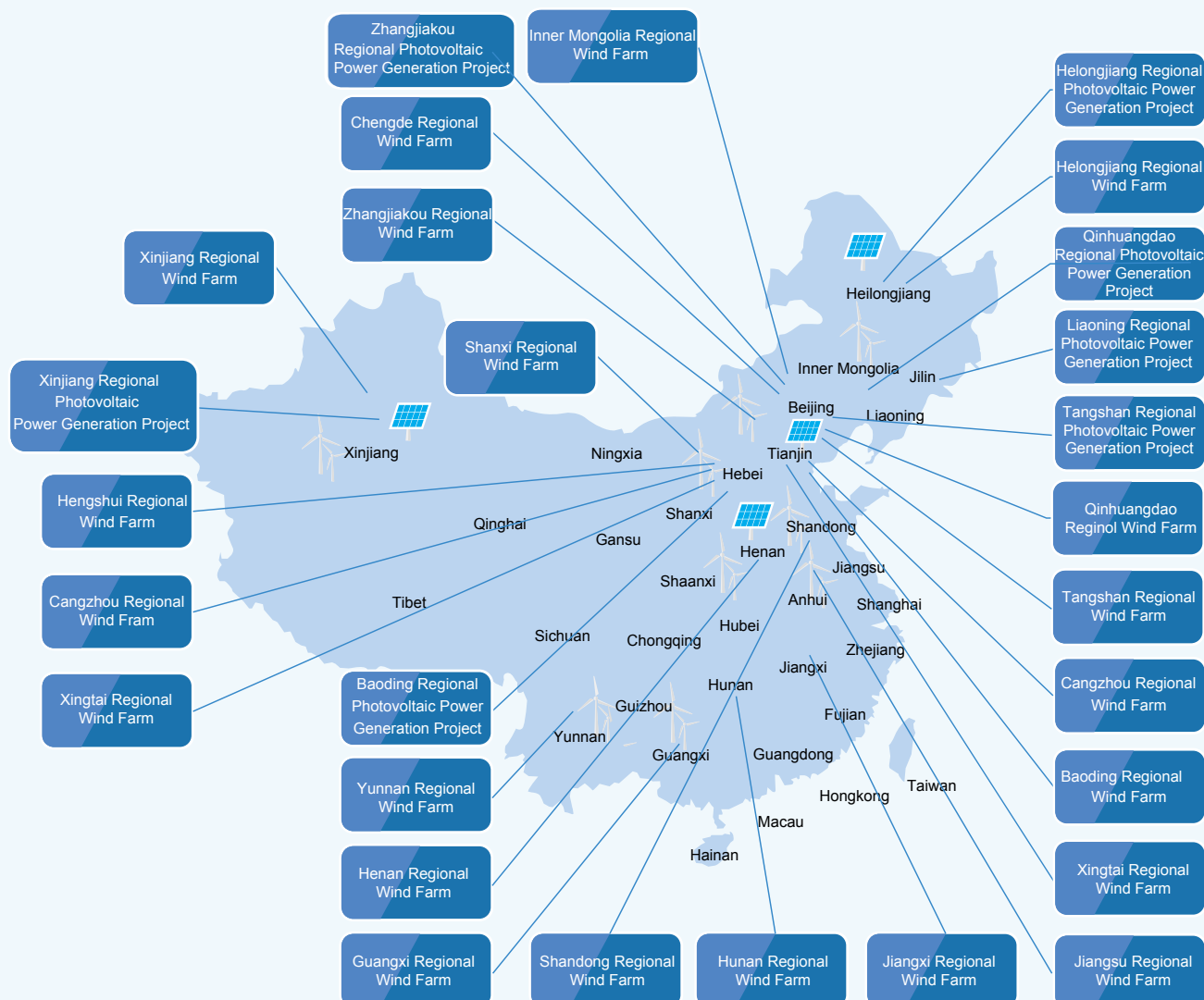
ABOUT US

China Suntien Green Energy Corporation Limited was established on 9 February 2010 with contributions made by the promoter shareholders of Hebei Construction & Investment Group Co., Ltd. and HECIC Water Investment Co., Ltd. The Company was listed on the Main Board of the Hong Kong Stock Exchange on 13 October 2010 (H-share stock code: 00956). The listing of the Company's A Shares was completed on 29 June 2020 (A-share stock code: 600956). The Company is a leader in the development and utilisation of clean energy in northern China. It has two major business segments: wind power and natural gas.

The Company is engaged in the planning, development and operation of wind farms as well as the sale of electricity, and owns wind power projects in Hebei, Shanxi, Xinjiang, Shandong, Yunnan, Inner Mongolia, and other regions. Based in Hebei, the Company has invested and developed wind power projects across the country and seeks suitable investment projects overseas. As at 31 December 2020, the Company had consolidated installed capacity of 5,471.95 MW and attributable installed capacity of 4,965.90 MW. In 2020, the Group's gross wind power generation was 9.881 billion kWh with 2,420

BUSINESS DISTRIBUTION

Wind power and photovoltaic business distribution diagram



utilisation hours.

The Company possesses natural gas transmission and ancillary facilities in Hebei Province, and sells natural gas through natural gas distribution channels. As at 31 December 2020, the Company owned 6 long-distance natural gas transmission pipelines, 18 high-pressure branch pipelines, 30 city gas projects, 22 distribution stations, 18 gate stations, 7 CNG primary filling stations, 7 CNG refilling sub-stations and 3 LNG refilling station. In 2020, the Group's natural gas sales volume was 3.525 billion cubic metres.

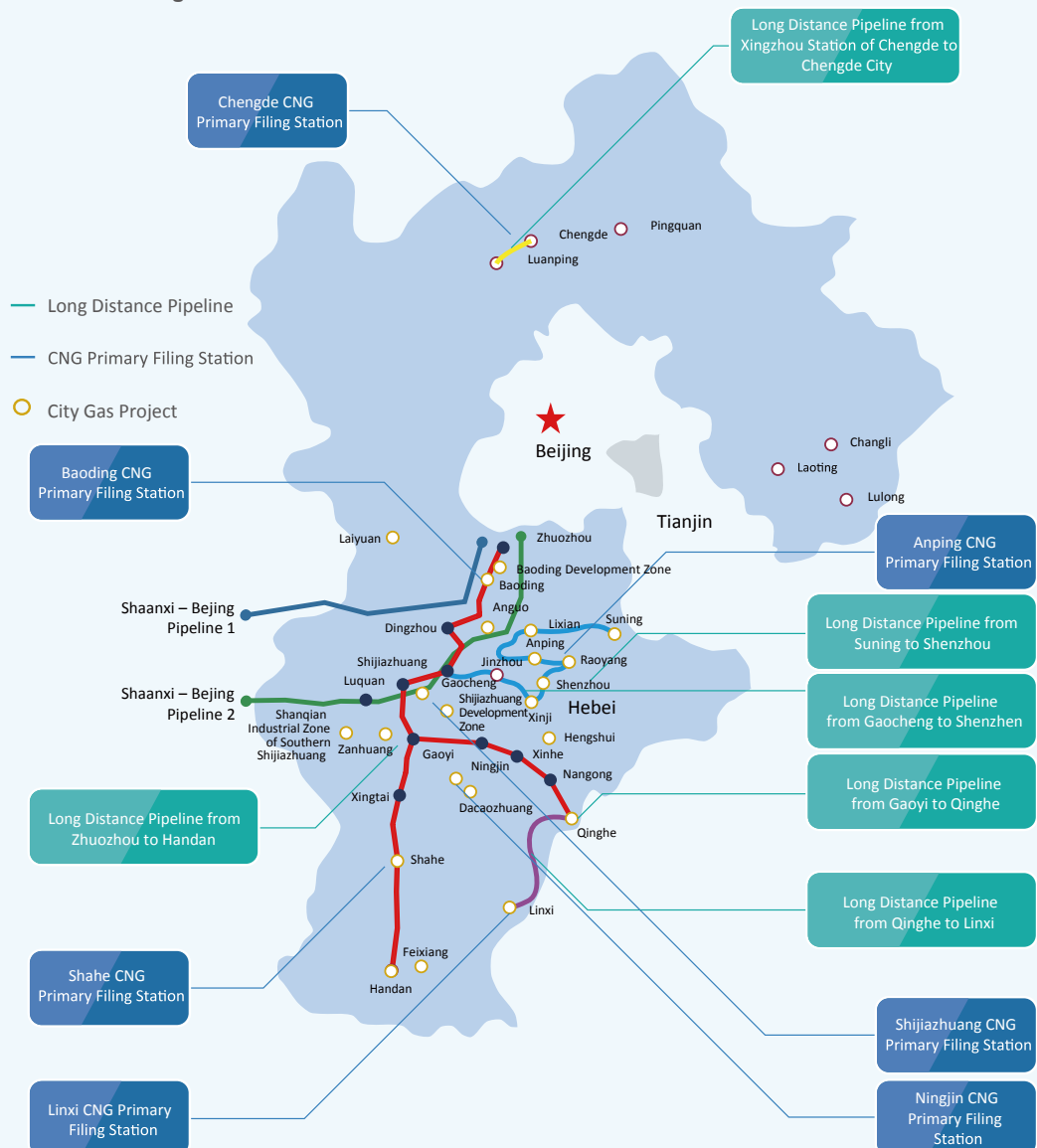
As at 31 December 2020,
the Company had consolidated
installed capacity of

5,471.95 MW

Attributable installed capacity

4,965.90 MW

Natural gas distribution diagram



CORPORATE GOVERNANCE

As the first company engaged in wind power and natural gas and listed on the Shanghai Stock Exchange and HKEX, Suntien was listed on the main board of Shanghai Stock Exchange in June 2020 following its listing in Hong Kong in 2010. As part of its efforts to strictly abide by the *Company Law of the People's Republic of China*, the *Securities Law of the People's Republic of China*, *Guidelines for the Governance of Listed Companies*, and the relevant laws and regulations, as well as the *Articles of Association*, Suntien gradually improved its corporate governance, adopted an effective governance structure, improved the operational efficiency of the Board of Directors, continuously optimised the information disclosure system and process, strengthened communication with investors to ensure investors' equal access to company information, and operated the general meeting of shareholders, the Board of Directors and the Board of Supervisors in strict accordance with the rules of procedure. In 2020, Suntien held 3 shareholders' general meetings, 18 Board of Directors meetings and 8 Board of Supervisors meetings.

Suntien establishes its internal control and governance structure as the Board of Directors has a Strategy and Investment Committee, a Nomination Committee, an Audit Committee, and a Remuneration and Appraisal Committee to supervise and inspect the company's work including strategy, management appointment and incentive measures, as well as risk management and control. The Board of Supervisors supervises the internal controls established and implemented by the Board of Directors and senior management. In 2020, Suntien was awarded the title "Enterprise of Credit in Hebei Province" for the 9th consecutive year.

For the Board's specific responsibilities and composition, those of the professional committees under it, and those of the Board of Supervisors, please refer to the *2020 Annual Report of China Suntien Green Energy Corporation Limited*.

In 2020, Suntien held **3**
shareholders' general meetings

Board of Directors meetings	Board of Supervisors meetings
18 times	8 times



Suntien was awarded the title "Enterprise of Credit in Hebei Province" for the **9th** consecutive year.

Internal Control and Risk Management

With a rational and systematic internal control system, Suntien regulates all risk areas involved in business operations, and the corresponding internal control measures and control processes in strict accordance with the *Internal Control Manual of China Suntien Green Energy Corporation Limited*.

In 2020, Suntien continued to improve its risk system. Suntien refreshed its risk assessment model, and achieved a standard and stable assessment across the company by implementing a unified risk index database throughout the company, establishing a uniform scoring standard, and quantifying all the scoring criteria in connection with risk assessment indicators.

Anti-corruption

Suntien resolutely cracks down on any form of corruption. The Company keeps improving anti-corruption governance and daily publicity work, and addresses the root cause of corruption by imposing more integrity-related restraints on the management and guiding and standardising daily behaviors of employees in compliance with the internal policies and related management measures such as *Administrative Measures for Preventing Commercial Bribery*, *Interim Measures for Implementing the Responsibility System for Party Conduct and Clean Governance*, *Detailed Rules for Investigating Responsibility System for Party Conduct and Clean Governance*, *Interim Measures for Efficiency Supervision*, and *Interim Provisions on the Management of Power Operation Monitoring Mechanism*.

Suntien establishes a complaint reporting channel by placing a report box and an information platform on its premise, and ensures that the reported matters are verified within 30 days. The company also formulates corresponding confidentiality measures to protect the personal information security of the reporter. In 2020, no corruption-related litigation was filed against Suntien.

Suntien made further efforts to carry out anti-corruption education for employees to enhance their awareness of anti-corruption, and carried out various anti-corruption education activities for the management and employees, thus conveying the idea of clean

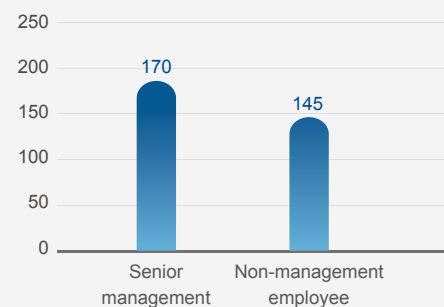
governance to each of employees and requiring each of them to implement the idea. In 2020, the anti-corruption training time per person of Suntien reached 145 hours.

In 2020,
the anti-corruption training time
per person of Suntien reached

145 Hours



**Average anti-corruption training
hours per employee in 2020 (hours)**



Case

Suntien organised clean governance education and training

In 2020, Suntien, on the basis of a special analysis while considering the work plan of "Knowledge of Discipline and Popularisation of Laws at the Grass-roots Level", formulated the learning plan for discipline inspection and supervision cadres. During the two months period, they organised discipline inspection commission secretary, discipline inspection commission members and discipline inspection and supervision-related staff to deeply study the party's internal rules and regulations, national laws and regulations and discipline inspection and supervision expertise either by self-learning or massed learning in order to continuously improve the political competence and discipline quality of discipline inspection and supervision cadres.



"Knowledge of Discipline and Popularisation of Laws at the Grass-roots Level" site

Party Building

Adhering to the party building philosophy of "strengthening grassroots foundation, focusing on key tasks, gathering development energy, and promoting production and operation", the Company adheres to the overall leadership of the party, and formulates management measures such as *Assessment Measures for Party Building in China Suntien Green Energy Corporation Limited to Promote Production and Operation*, *Implementation Measures of China Suntien Green Energy Corporation Limited for Implementing the "Three Major and One Big" Decision-making System*, *Rules of Procedure of Party Committees* to comprehensively build the party building system, and deepen the leadership of the party, thus driving the development of Suntien with high-quality party building.

In 2020, the Company revised the *Implementation Plan of China Suntien Green Energy Corporation Limited for Implementing the National Party Member Education and Training Work Plan from 2019 to 2023* to refine the work system of party building training, organised 47 sessions of party committees and 21 study sessions of theoretical study centre group, and standardised 12 sessions of massed study in branches. To create a beneficial atmosphere for the Company's high-quality development, the Company organised a series of activities such as party members' birthday parties, anti-corruption warning education, selection of outstanding party members, and social volunteer services. By the end of 2020, there were 48 party organisations at all levels in the Company, which involved 553 party members, accounting for 23.2% of the total number of employees. The strength of Party organisations is constantly growing.



Case Suntien held a presentation meeting on the spirit of the Fourth Plenary Session of the 19th CPC Central Committee

In January 2020, Suntien held a presentation meeting to interpret the spirit of the fourth plenary session of the 19th CPC central Committee, in which more than 200 leaders, middle-level management and employees at all levels participated. During the meeting, all party members, cadres and workers of the Company discussed how to further improve their political positions, enhance their sense of responsibility, make overall planning and coordination, systematically study in depth while considering the facts, and persistently promote the study of the spirit of the plenary session in accordance with the unified deployment of the central and provincial CPC committees and the arrangements specified in the learning, publicity and implementation notice of the party committee.



The party committee of Suntien held a presentation meeting on the spirit of the Fourth Plenary Session of the 19th CPC Central Committee

ENVIRONMENTAL, SOCIAL AND GOVERNANCE MANAGEMENT

Suntien gives full play to the role of an important clean energy supplier in North China, actively participates in the coordinated development of Beijing-Tianjin-Hebei region and undertakes corporate social responsibility. In 2020, the Company took the ESG management system as the starting point to improve its sustainable development capability, and respond to the environmental, social and governance requirements of stakeholders from multiple perspectives.

ESG Management System

The focus of Suntien's ESG management system has always been on ESG quantitative performance management. Since its introduction of the HKEX "Environmental, Social and Governance Reporting Guidance" in 2014, Suntien has set strict requirements for itself and complied with the disclosure requirements of the "HKEX ESG Guidance". In 2020, after the completion of its Shanghai Stock Exchange listing, Suntien continuously improved the ESG quantitative index system and strengthened the ESG management system with the office of the Board of Directors as the leading department and coverage of all important business units.

In 2020, Suntien systematically refreshed the internal management mechanism, workflow and information disclosure methods of ESG at the company level to integrate quantitative ESG management into corporate governance and daily control. The ESG management structure determines that the Board of Directors of the Company shall be responsible for the environment, society and governance strategy and report of Suntien; the Office of the Board of Directors and each functional departments form the ESG information review team, and the heads of the Company's headquarters and subordinate units are responsible for reporting ESG information, and each functional department is responsible for collecting and summarising this information and reporting to the Office of the Board of Directors; the Office of the Board of Directors is responsible for reporting environmental and social policies and data to the Board of Directors of the Company.



ESG Management System of Suntien

Stakeholder Communication

Suntien actively maintains close contact and communication with all stakeholders. The decisions and behaviors of stakeholders have a direct bearing on the Company in the process of its sustainable development. At the same time, as a member of the industry chain and society, Suntien can obtain the sustainable development momentum through timely response to the needs of stakeholders. In the operation process, Suntien identifies the types of stakeholders and their participation methods according to the overall requirements of standardisation under the Company's management system, thus maintaining effective communication with stakeholders. On the basis of improving the Company's operational efficiency, Suntien develops cooperation with various stakeholders to jointly contribute to the sustainable development of society.

Channels of stakeholder communications and their focus

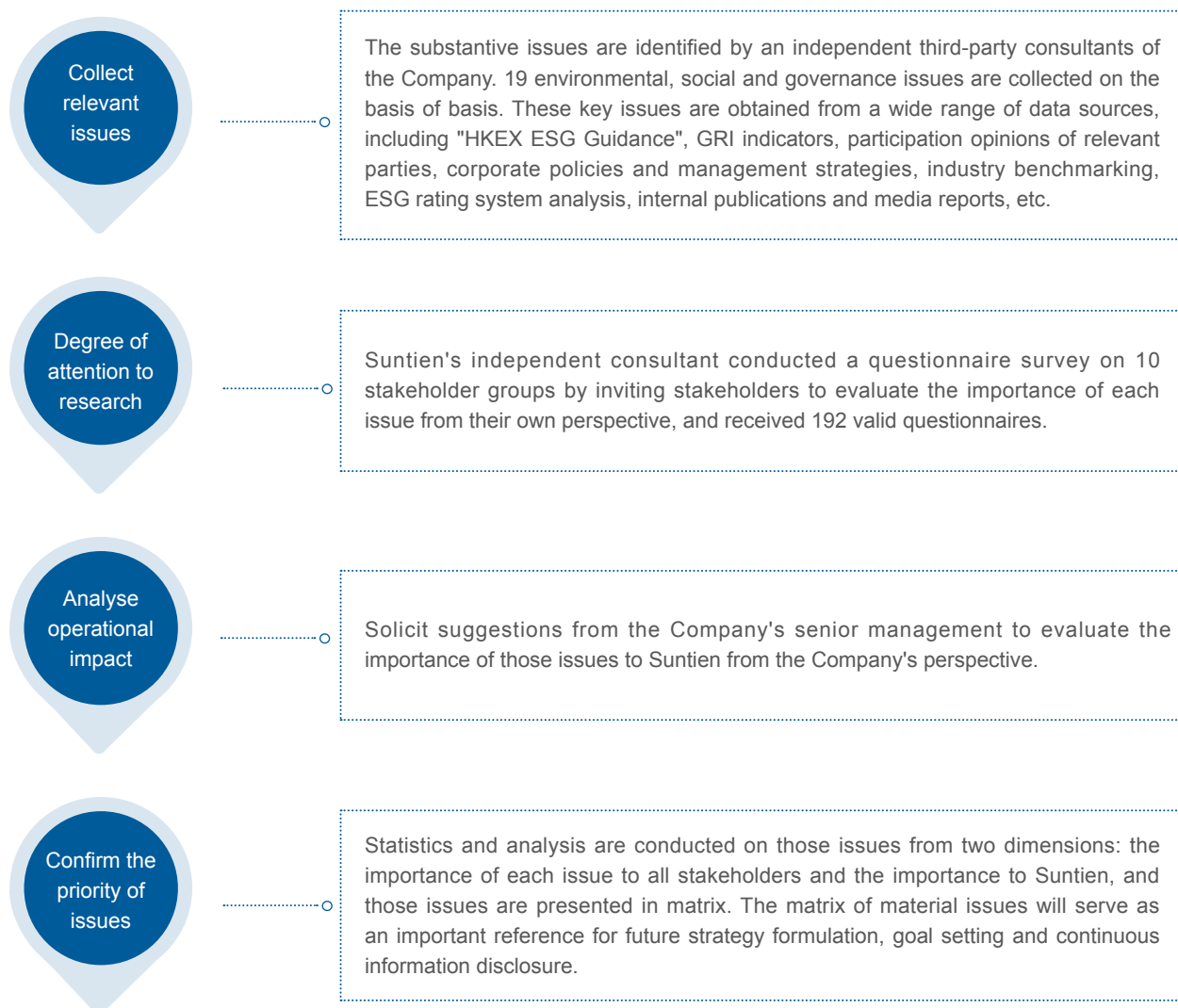
Stakeholder Types	Needs	Responses	Communication Channels
 Shareholders	<ul style="list-style-type: none"> Continuous stable investment returns Timely information disclosure Enterprise operation in compliance with laws and regulations 	<ul style="list-style-type: none"> Improve business diversity Establish a system for regular information disclosure Improve internal compliance system 	<ul style="list-style-type: none"> Annual reports and corporate announcements Information dissemination channels including roadshows
 Employees	<ul style="list-style-type: none"> Decent working environment Ample opportunities for career development Competitive remuneration packages Health and safety protection 	<ul style="list-style-type: none"> Improve internal management systems such as staff recruitment and promotion Enriched daily life Provide diverse work and life security for employees 	<ul style="list-style-type: none"> Internal website Internal corporate publication Suntien WeChat subscription account
 Suppliers	<ul style="list-style-type: none"> Fair, just and open procurement process Punctual fulfilment of contractual obligations 	<ul style="list-style-type: none"> Ensure transparency in procurement process and receive internal and external supervision Reasonable management and control of cash to ensure timely payment 	<ul style="list-style-type: none"> Announcements and notices for procurement and tender on governmental websites Corporate corruption reporting hotline
 Customers	<ul style="list-style-type: none"> Continuous, reliable and safe supply of natural gas Timely response to customer demands Service quality improvements 	<ul style="list-style-type: none"> Establish a comprehensive safety supervision and response system Improve customer complaint handling process, establish a responsibility identification system for customer complaints Compile a standardised service manual 	<ul style="list-style-type: none"> Regular community promotions for safe use of gas Visiting dissatisfied customers Conduct customer satisfaction surveys
 Government	<ul style="list-style-type: none"> Drive local and surrounding industry development Enterprise operation in compliance with laws and regulations 	<ul style="list-style-type: none"> Provide job opportunities and pay taxes at the location of operations Cooperate with government supervision and improve internal compliance monitoring Ensure compliance with laws and regulations regarding environment, safety and integrity 	<ul style="list-style-type: none"> Participate in government meetings and regularly visit the government Receive governmental supervision
 Community	<ul style="list-style-type: none"> Contribute to community development Participation in community activities and maintain good communication 	<ul style="list-style-type: none"> Improve local infrastructure in terms of road and power grid construction Aid rural development in terms of assistance provided to designated persons Maintain good communication with local residents and herdsmen 	<ul style="list-style-type: none"> Survey of community representatives Visits in daily operation
 Banks	<ul style="list-style-type: none"> Good creditworthiness and strong ability to pay debts Stable business development 	<ul style="list-style-type: none"> Pay debts on time to maintain creditworthiness Strengthen cooperation with domestic and foreign banks 	<ul style="list-style-type: none"> Regular direct communication
 Academic Institutions	<ul style="list-style-type: none"> Continuous investment in innovation Strengthen cooperation with academic institutions to improve ability to apply research results 	<ul style="list-style-type: none"> Increase internal R&D investment, improve intellectual property and innovation management Increase cooperation and exchanges with universities, colleges and other research institutions 	<ul style="list-style-type: none"> Cooperation fairs

ESG Reporting Principle Response

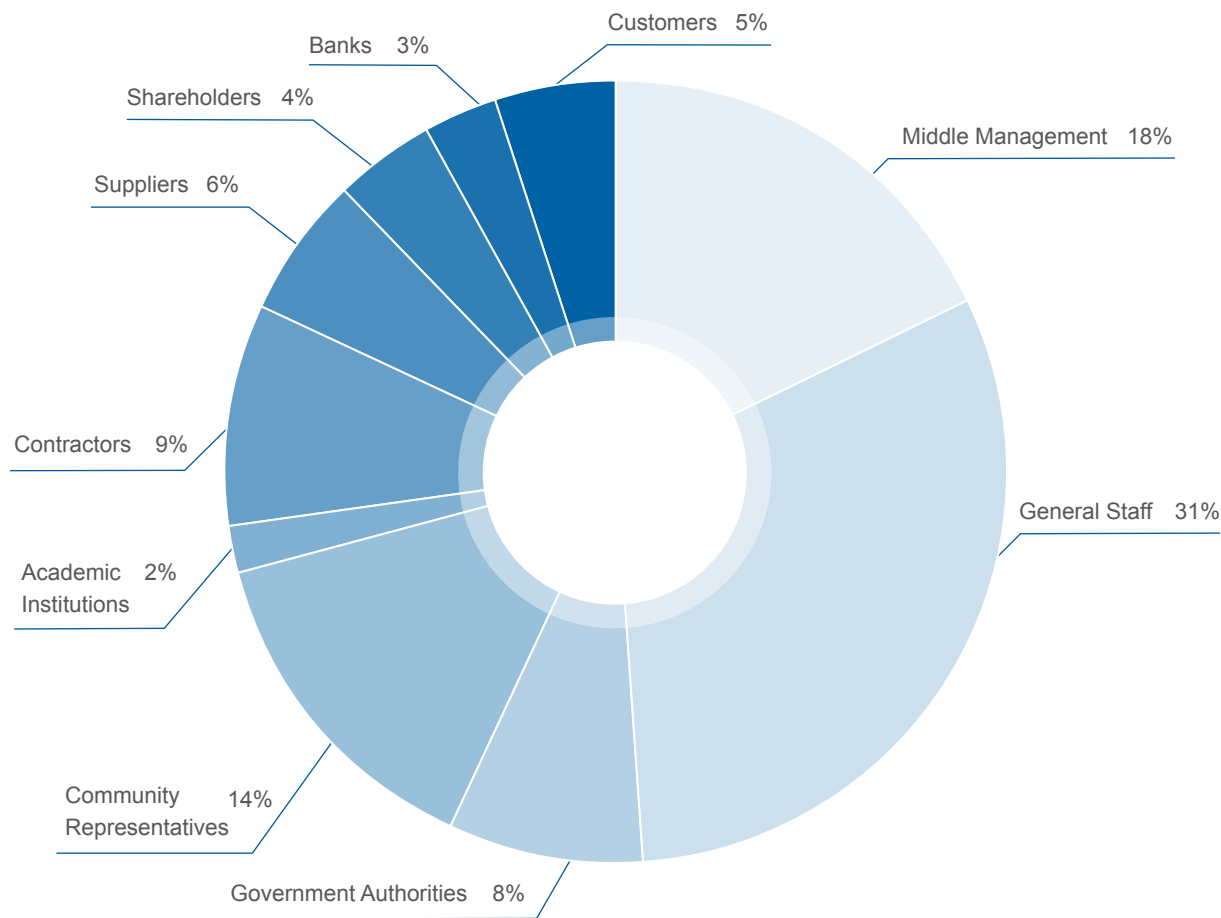
Principle of Materiality

In order to clarify the key areas of ESG practise and information disclosure and improve the pertinence of the reporting, Suntien identified ESG issues and made material judgments in accordance with the requirements of the "Environmental, Social and Governance Reporting Guidelines of Hong Kong Stock Exchange" to ensure the information disclosed in the report fully covers the key issues of concern to the Suntien and stakeholders. In 2020, based on the results of the questionnaire survey in the previous year, Suntien actively listened to the stakeholders' views on the Company's environmental, social and governance issues and their evaluation and suggestions on the relevant work, and continued to conduct stakeholder questionnaire survey. Through various forms such as employee interviews, site visits, and questionnaire surveys, Suntien understands the sustainable development topics concerned by internal and external stakeholders of the Company, and finally determines the extent and boundary of disclosure of major topics on the basis of its identification and judgment of topics concerned by stakeholders so as to ensure the accuracy.

Screening Process of Environmental, Social and Governance Issues

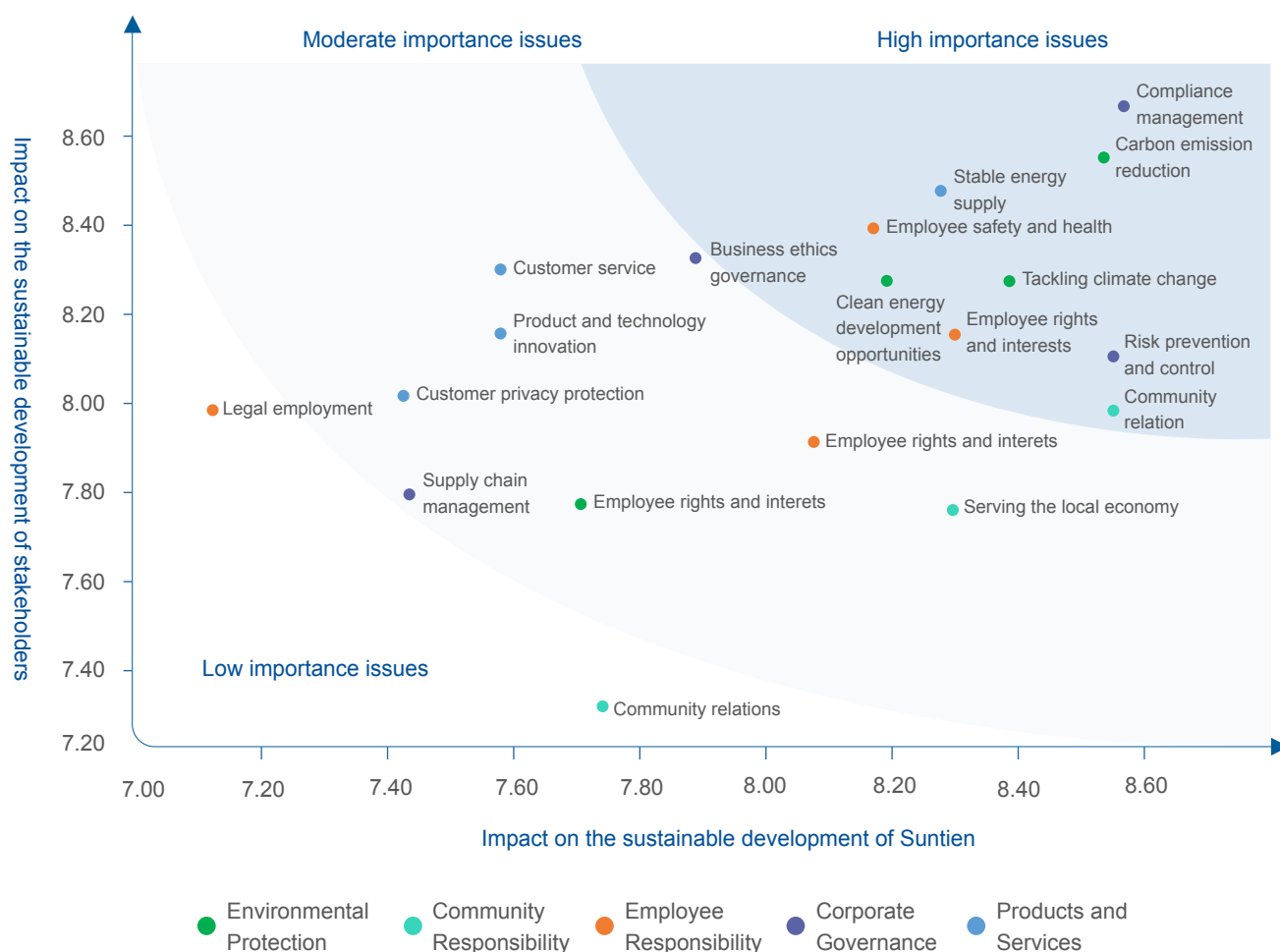


Percentage of stakeholders in the 2020 Survey



The continuous sustainable actions of Suntien have been recognised by more and more interviewees. In 2020, over 86.43% of the respondents have read the *2019 Environmental, Social and Governance Report of Suntien*. Respondents learned about the sustainable development actions of Suntien through multiple channels, and 75% of them obtained information about Suntien's practises in aspects such as the environment, community, employees, governance, and product services.

Matrix of Material ESG Aspects in 2020



Principle of quantification

Suntien established a standardised ESG indicator management tool covering the headquarters and its subsidiaries, regularly quantifies key quantitative indicators including all "environment" categories and part of "social" categories in the ESG report guidelines, and consolidated such indicators during the year to finally prepare this report for external disclosure. ESG quantitative data are detailed in the sections of this report.

Principle of consistency

This report has consistent disclosure scope with that of the previous ESG reports, and adopts consistent disclosure statistical methods, and further details the part of disclosure categories corresponding to the ESG Reporting Guide of SEHK. The multi-year comparative data of ESG is detailed in the sections of this report.





01. ADDRESSING CLIMATE CHANGE

Climate change has become an important and irreversible threat to global sustainable development, and it has a far-reaching impact on global social and economic development. In order to establish a green and sustainable development mode, China will actively respond to climate change by exploring a development path featuring ecology-first. As a clean energy enterprise, Suntien actively respond to the national development strategy, and comprehensively identified the risks and opportunities related to climate change on the basis of its own current situation and needs. Suntien takes the development of clean energy as the main response strategy to help the low-carbon development in the region, thus contributing to the low-carbon reform of the national energy system and the optimization of the ecological environment.

Improving Climate Risk Management

Extreme weather caused by climate change has brought many challenges to water resources, ecological environment and energy development. Facing the urgent climate change situation, Suntien, on the basis of its own situation, integrated climate risk indicators into the existing risk management system. Relevant technical departments were responsible for comprehensively identifying and evaluating the risks and opportunities related to climate change. In 2020, Suntien identified and analysed the climate risks and opportunities that may be affected by the Company's operations from the perspective of transformation risks and physical risks. In the future, the Company will refine the response mechanism on this basis, formulate climate change risk management measures, set carbon emission reduction targets, and comprehensively strengthen the ability to respond to climate change-related risks and opportunities.



Transition risk

China has always attached great importance to addressing climate change as it actively participates in global climate governance, and includes the climate change addressing into its modernisation efforts in the new era as an important goal and a key part. In 2020, China confirmed that it will increase its contribution to national independent emission reduction, and strive to reach the carbon peak by 2030 and achieve carbon neutrality by 2060. With the tightening of relevant policies, Suntien will also be subject to restrictions related to greenhouse gas emissions, which may lead to an increase in compliance costs and operating costs. In order to mitigate the impact of relevant policies on the Company, Suntien fully studied the relevant national policies, strengthened communication with various regulatory authorities, promptly adjusted the Company's risk management measures, rationally arranged project development and project construction, and made the timely information disclosure.

In 2020, the National Development and Reform Commission issued a number of documents, clarifying that from 2022, the Central Government will no longer subsidise new offshore wind power projects to achieve comprehensive grid parity. At the same time, the country has issued a number of green energy industry-related plans, intensified the strategic and guiding role of the national energy development, and strengthened the development of the energy industry market mechanism, therefore, the market demand for clean energy is expected to continue to increase substantially. To this end, Suntien will deeply analyse the resource quality of new projects, make efforts to develop new projects in a refined and planned manner, and will strengthen the operational dimension of completed projects to fully tap the revenue potential of those completed projects. In order to cope with the pressure as a result of the rising demand on public operation, Suntien will actively analyse the market trend, accelerate the technology and equipment innovation, and continuously improve production operation and maintenance to make adequate preparations for development and execution of projects.

In addition, China will implement the *Measures for the Administration of Carbon Emissions Trading (Trial) from 2021*, and will establish the national carbon emissions trading system with a desire for promoting green and low-carbon transformation through the market forces. In order to meet the possible risks and challenges in the clean energy industry after the national carbon market is launched, Suntien actively develops carbon assets and actively participates in green power trading. The Company has signed a carbon trading service contract with Hebei Jiantou Guorong Energy Service Co., Ltd. for numerous years. In 2020, Suntien's wind farms around the country actively participated in the carbon trading market in Zhangjiakou, developed 22 projects such as Clean Development Mechanism Project (CDM¹), Voluntary Carbon Standard Projects (VCS²) and International Renewable Energy Certificate (I-REC), and issued the carbon trading emission reduction of 9,325,000 tons of carbon dioxide equivalent.

¹CDM refers to the clean development mechanism, which is one of the flexible compliance mechanisms introduced in *Kyoto Protocol*. The core of CDM is to allow the parties to CDM to transfer and obtain project-level emission reduction offsets and implement greenhouse gas emission reduction projects.

²VCS refers to the voluntary carbon emission reduction trading standard and it is a global quality assurance standard developed by the Climate Group.



Physical risk



For the wind power business

Extreme weather such as rainstorms, typhoons and sandstorms caused by climate change, rising sea levels and seawater acidification would affect power generation efficiency of wind farms, and destroy and damage the power generation equipment in the wind farms, consequentially increasing the Company's operating costs, and leading to the decline or shutdown of production capacity. In addition, due to the inherent randomness and uncontrollability of wind resources, climate change may also cause annual fluctuation of wind resources, which may lead to obstructed wind farm operation or insufficient production capacity. Therefore, Suntien carries out regional wind resource tests before the development and construction of the wind power projects to comprehensively assess the potential installed capacity of the planned site, and to minimise the impact of climate risks.



For the natural gas business

Extreme weather such as rainstorms, floods and freezing caused by climate change, and natural disasters such as earthquakes would destroy gas transmission and storage equipment, thus threatening the safe and stable gas supply. In addition, the change in gas demand caused by global warming may affect the Company's existing business planning, which further challenges the Company's gas supply capacity. Therefore, Suntien actively forecasts peak gas demand, strengthens the operation and maintenance management of natural gas pipeline network, strengthens the construction and safety guarantee of gas transmission and storage facilities, and coordinates various resource channels to establish a market pattern in which multiple gas sources complement with each other, and to improve peak regulation capacity.

Development of Clean Energy

In order to cope with climate change and achieve carbon neutrality commitments, the state shall establish a low-carbon, clean, efficient, and sustainable energy system to develop and utilise clean energy and continuously optimise the energy structure. With the rapid development of clean energy in scale, Suntien actively seized the industrial opportunities to promote the development of clean energy based on the two major sectors of natural gas and new energy, and worked hard to play its role in addressing climate change and reforming the energy structure.



In the natural gas sector, the Company accelerated the development in vertical industries covering the upstream, midstream and downstream of natural gas to makes full use of the synergy between long-distance natural gas transmission pipelines and the urban gas market, and developed its terminal user base of natural gas leveraging on its newly operating pipelines to effectively expand the scope of natural gas supply, as well as improved the layout of LNG receiving stations to increase natural gas supply.



In the new energy sector, the company closely kept up with the key parity areas across the country and planned large-channels and large base projects to form a joint development force and accelerated the development of new energy in scale, as well as actively expanded the storage of wind resources, thus to improve the power generation efficiency of renewable energy.

In 2020, Suntien continued to increase the power generation of wind and photovoltaic projects and several projects had connected to the grid for power generation successively. Suntien also accelerated the construction of hydrogen refueling stations and promoted the multi-source gas supply patterns of natural gas pipelines.

Major annual performance



Wind power

- New wind power consolidated installed capacity of **1,056.2** MW
- The annual wind power generation of the consolidated wind farm reached **9.881** billion kWh
- a year-on-year increase of **11.72%**



Photovoltaic power

- **1,300** MW of new photovoltaic agreement capacity
- Annual photovoltaic power generation was **170** million kWh, a year-on-year increase of **4.45%**



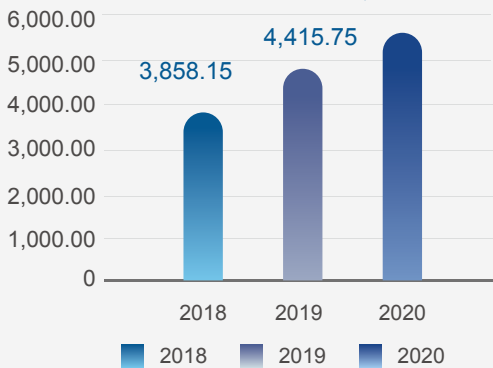
Natural gas

- **1,333.11** kilometres of new operating pipelines, accumulating **6,501.77** kilometres
- **1** CNG refilling sub-stations
- Sales of natural gas reached **3.525** billion cubic metres, a year-on-year increase of **8.90%**

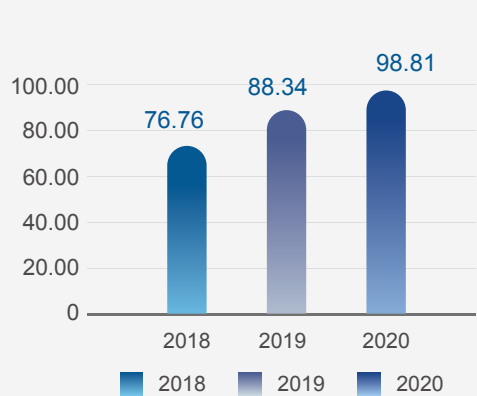
In 2020, the company produced a total of 10.051 billion kilowatt-hours of green power, which is equivalent to avoiding 8,422,700 tons of carbon dioxide emissions (about 838 grams of carbon dioxide per kilowatt-hour of thermal power generation), and 1,879.54 tons of sulfur dioxide emissions (about 0.187 grams of sulfur dioxide emissions per kilowatt-hour of thermal power generation), 1,959.95 tons of nitrogen oxides (about 0.195 grams of nitrogen oxides per kilowatt-hour of thermal power generation), and 381.94 tons of dust (about 0.038 grams of smoke and dust per kilowatt-hour of thermal power generation).

Note: The conversion factor is from the *China Electric Power Industry Annual Development Report 2020*.

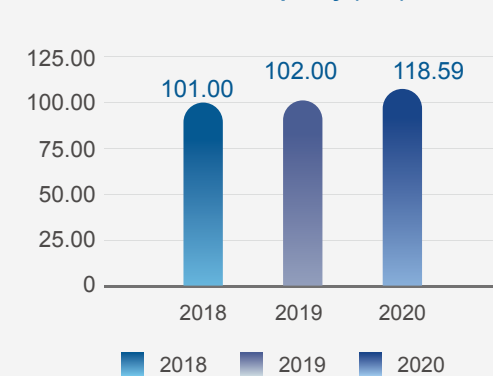
Wind power consolidated installed capacity (MW)



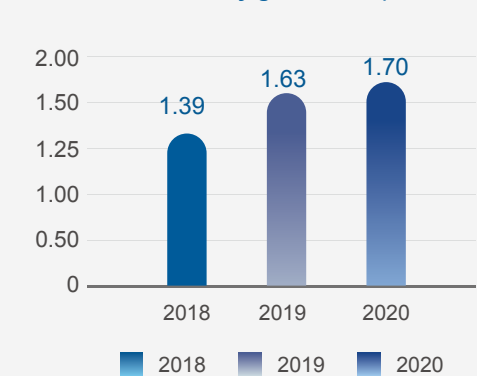
Wind power electricity generation (100 million kWh)



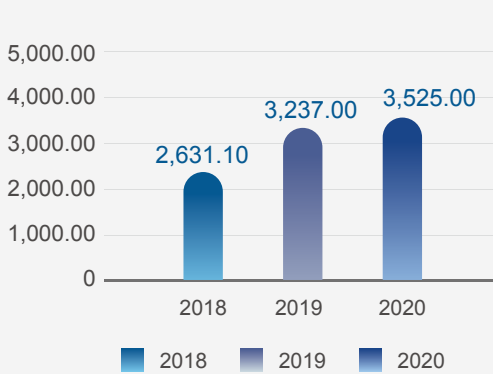
Photovoltaic installed capacity (MW)



Photovoltaic electricity generation (100 million kWh)



Sales volume of natural gas (million m³)



Case**The first wind turbines of several projects in the Chengde region of HECIC New-energy were successfully connected to the grid for power generation**

In December 2020, the first wind turbines of a 48MW wind power project at Da Huanqi, 48MW wind power project at Gao Jiashan and 48MW wind power project at Dong Taizi were successfully connected to the grid for power generation. The whole system operated steadily with various technical parameters meeting requirements.

The project teams of the HECIC New-energy's Chengde regional branch overcame unfavourable factors one-by-one to complete the hoisting, electrical installation and testing, operation and maintenance for multiple projects, which laid a solid foundation for the subsequent commercialisation operation of projects and made preparations for obtaining the power generation business license.



Celebration of a wind turbine of Gao Jiashan Project connected to the grid

Case**The first wind turbine of the Dongliang Wind Power Project in Fengning and the wind power project at LaPaGou Wind Farm were successfully connected to the grid for power generation on the same day**

In November 2020, the first wind turbine of Fengning Jisentu Vanadium Redox Battery Wind Storage Demonstration Project Phase I at Dongliang Wind Farm in Fengning region and the wind power project at LaPaGou wind farms successfully connected to the grid for power generation on the same day.

The total installed capacity of Dongliang Wind Storage Farm was 100MW, and the total installed capacity of LaPaGou Wind Farm Project was 47.6MW. Fengning region overcame various difficulties and made both connections on the same day despite rushing wind turbine installations and maintaining electricity prices.



Wind turbines of Fengning Region Wind Farm Project

Case**Construction of Hebei Fengning Pumped-storage Power Station project carried out orderly**

The Fengning Pumped-storage Power Station, in which the company's shares, has a planned total installed capacity of 3.6 million kW, is currently the world's largest pumped storage power station under construction. The project will be constructed and managed by Hebei Fengning Pumped Storage Company Limited and will be able to be adjusted weekly. Construction is planned to be done in two phases simultaneously. As at the end of 2020, it is still in the engineering construction stage.

Fengning Pumped-storage Power Station is located at the centre of Hebei wind power base. Upon construction completed, it would meet the increased demand for peak shifting generated from rapid growth in wind and photovoltaic power in North China. In addition, the power station can further stimulate local employment, promote tourism development, energy conservation and emission reduction, and cope with climate change, which has significant social, ecological and economic benefits.

Contributing to Regional Low-Carbon Development

As a leading clean energy company in North China, Suntien has been developing in Hebei for many years and is gradually developing its wind power projects across the country. The Company has rich management and technical experience in wind power and natural gas. The two major businesses have gradually formed a positive complementarity. While fully supporting the coordinated development of the "Beijing-Tianjin-Hebei" region, it actively explores opportunities for cooperation in the international community and remote areas.

In 2018, the Action Plan to Promote the *Coordinated Development of Beijing, Tianjin and Hebei 2018-2020* issued by the Development and Reform Commission of Beijing further deepened the joint prevention and control mechanism for air pollution in the Beijing-Tianjin-Hebei region, and proposed the goal of building a green ecological barrier in the Beijing-Tianjin-Hebei region within three years. In 2020, the National Energy Administration issued the *Beijing-Tianjin-Hebei Green Power Market-oriented Trading Rules* document, which plans to promote the wind power clean heating transactions vigorously and the green power liberalisation transactions rationally. For many years, Suntien has been actively following the coordinated development plan for the Beijing-Tianjin-Hebei region and has a deep understanding of the energy needs in Hebei Province and surrounding regions. By expanding its business scope and volume, Suntien has promoted the rapid development of the regional renewable energy industry chain to meet the needs for clean energy during region development. In 2020, Suntien obtained 3 natural gas pipeline network projects approved by Development and Reform Commission in Hebei with about 148 kilometres of total pipeline and up to 4.5 billion cubic metres of gas transmission volume per year.

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Reform Commission in Hebei with about **148** kilometres of total pipeline

Up to **4.5** billion cubic metres of gas transmission volume per year

Case

E'ancang and Beijing-Handan Baoding Southern Linking Pipeline Project and Luquan Gas Station were approved to be connected to Luquan's provincial natural gas station

In 2020, E'ancang and Beijing-Handan Baoding Southern Linkage Pipeline Project and Luquan Gas Station were approved to be connected to the provincial natural gas station in Luquan by the Development and Reform Commission in Hebei.

• **The total length of the E'ancang and Beijing-Handan Baoding Southern Linkage Pipeline Project**

The total length is approximately 53.1 kilometres, with a designed annual gas transmission capacity of 1.6 billion cubic metres. It can transport clean energy along Beijing-Handan Pipeline and is an important part of the "delivering natural gas to each county" project of Hebei Province;

• **The pipeline between E'ancang Luquan Gas Station and the provincial natural gas station in Luquan**

The pipeline has a total length of approximately 4.5 kilometres. Upon construction completed, it will provide emergency gas sources for the completed pipeline network and the pipeline network to be constructed.

Case

Phase IV of the of Natural Gas Company's pipeline projects in Central Hebei Province was approved by Hebei's Development and Reform Commission

In May 2020, Phase IV of the of Natural Gas Company's pipeline projects was audited and officially approved by Hebei's Development and Reform Commission. The pipeline length of the project is approximately 90.4 kilometres with a designed gas transmission capacity of 492 million cubic metres per year.

This project can realise the interconnection of pipelines for 10 counties in central Hebei Province, E'ancang gas pipeline and coastal gas pipeline, and further realise the optimised allocation of resources between regions, and enhance the stability of gas supply in regional pipeline network. In addition, it will provide an alternative pipeline gas source to areas along it, and improve the stability of the gas supply thereof.

Case

All wind turbines of the offshore wind farm at Puti Island in Leting, Tangshan were successfully connected to the grid for power generation

In June 2020, all wind turbines of the offshore wind farm 300 MW demonstration project at Puti Island in Leting were connected to the grid for power generation, which delivers a steady stream of offshore green power to the grid.

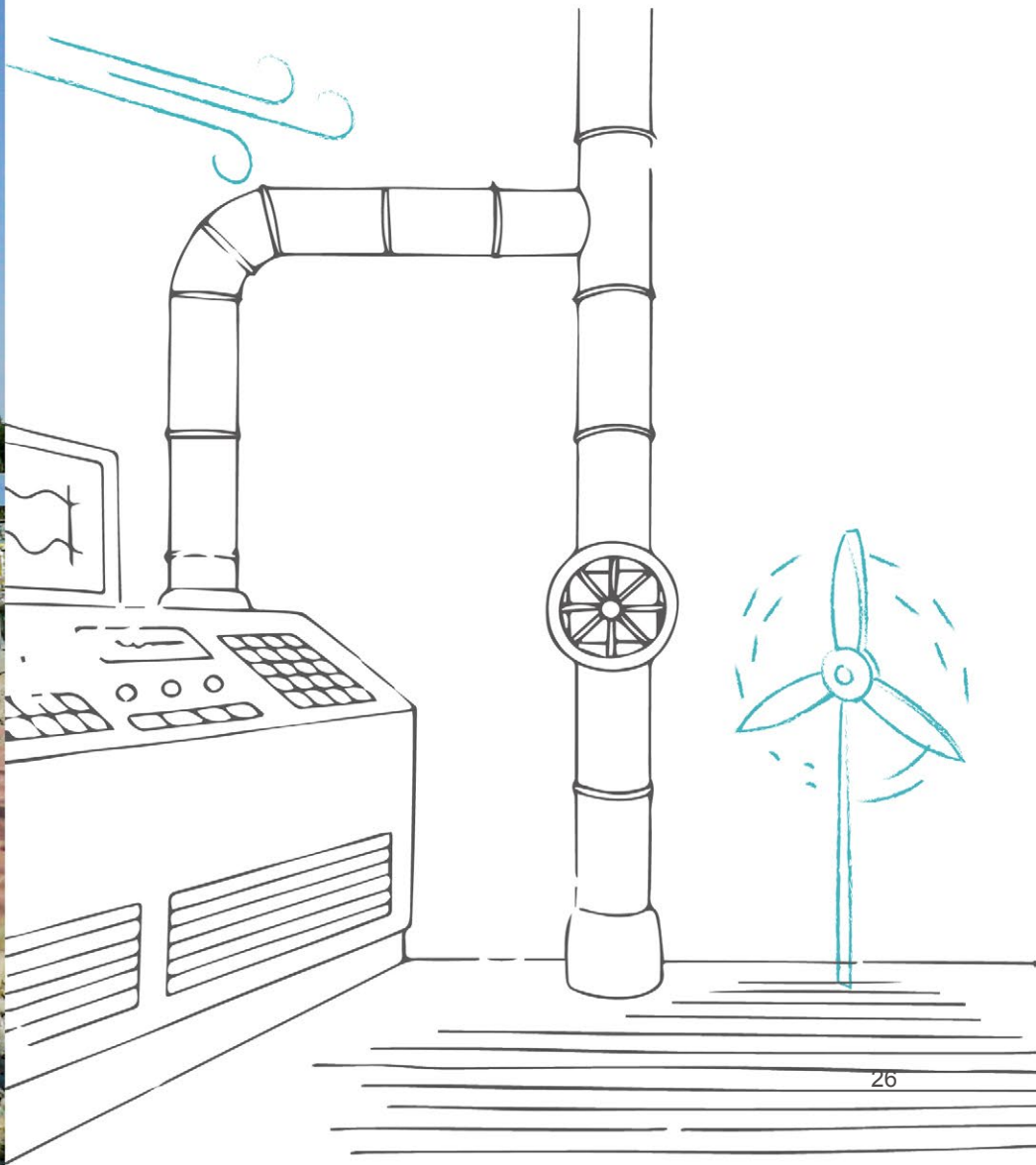
The project is the first offshore wind power project in Hebei Province and the largest in North China. It is estimated that the annual on-grid power generation will be 760 million kWh, which equals to avoid 625,700 tons of carbon dioxide emissions each year, and can meet annual electricity demand of about 500,000 households.





02. STABLE SUPPLY OF ENERGY

Stable and safe clean energy supply is the core competitiveness of Suntien as well as the foundation for its sustainable development. Suntien has been adhering to the concept of "prioritising safety, sharing responsibility, and managing risks before happening" over the years and constantly strengthening safety control and quality audits to improve service quality for customers. Suntien is also committed to providing regions with stable and quality clean energy through technological innovation and development, and contributing to the reform of the national energy system.



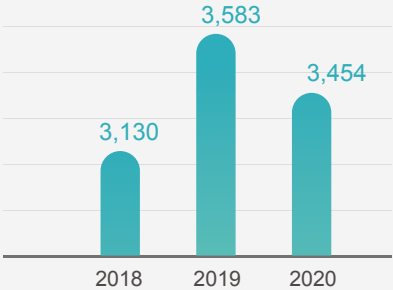
✓ Safety Management



Operational safety is an important foundation for Suntien's development and guarantees the Company's stable energy supply. Suntien attaches great importance to safety management, has established the concept of safety development and red line awareness. It comprehensively promotes safety management through continuous improvement of its safety system construction, inspection of hidden dangers and emergency drills and advancing of safety culture construction to ensure the stable production and operation. In 2020, no casualty accidents occurred in Suntien and the number of employees dead due to work-related injuries was zero for three consecutive years. A total of RMB34.54 million was invested in production safety.

In 2020, the investment in safety production was	The number of deaths due to work for three consecutive years was
RMB 34.54 million	0 person

Investment in operational safety from 2018 to 2020 (RMB 10,000)



Note: Investment in production safety includes headquarters of Suntien, Hebei Natural Gas, and HECIC New-Energy

Construction of Security System

Suntien attaches importance to the construction of security system. Suntien continuously improved the safety system and formulated a number of management measures from safety supervision and inspection, occupational health and safety, emergency response and incident treatment in accordance with the *Production Safety Law of the People's Republic of China*, the *Production Safety Regulation of Hebei Province*, the *Tentative Measures for Removal, Inspection and Rectification of Incidents and Hidden Dangers in Safe Production* and other relevant laws and regulations. In 2020, Suntien established *Fire Prevention Regulation for Wind Turbines* to standardise fire management during the construction and operation of wind turbines. In addition, Suntien updated the *Management Measures for Safe Production Inspection at Each Level and Removal and Rectification of Incidents and Hidden Dangers*, *Dangerous Operations Management Policy*, *Inspection and Treatment Measure*, and *Work Safety Education and Training Assessment Policy* to further improve the management of potential safety hazards, standardise the safety management of dangerous operations and adjust the incident investigation and handling process. The Company has strengthened safety training to ensure production safety.

Occupational health

- Occupational Health Management Measures
- Measures for Safety Management at Sites of Production and Operation with Great Danger and Hazardous Factors;
- Labor Protective Articles Supervision and Management Measures
- Safety Management System for Production and Business Premises with Greater Danger and Hazard Factors
- Occupational Health Management System
- Occupational Health Management Measures
- Measures for the Administration of Work Safety Education and Training Assessment

Emergency response plan

- Emergency Response Plan Management Measures
- Integrated Emergency Response Plan for Safe Production Incidents
- Special Fire Emergency Response Plan
- Long-distance Natural Gas Pipeline Major Hazard Incident Response Plan

Incident treatment

- Incident Reporting, Inspection and Treatment Measures
- Production Incident Inspection Procedures

Monitoring and Inspection

- Safety Inspection Management Measures
- Administrative Measures for the Investigation and Management of Hidden Dangers
- Management Measures for Safe Production Inspection at Each Level and Removal, Inspection and Rectification of Incidents and Hidden Dangers
- Management Measures for Safety Inspection and Monitoring of Major Hazards
- Fire Safety Management Measures
- Labor Protective Articles Supervision and Management Measures
- Provisions on the Issuance and Management of Labor Protective Articles
- Occupational Health Management System
- Measures for the Administration of Work Safety against Violations of Regulations
- Administration Measures for Incentives of Work Safety
- Administration Measures for Penalties of Work Safety
- Administrative Measures for Dangerous Operations
- Measures for Safety Management at Sites of Production and Operation with Great Danger and Hazardous Factors
- Fire Protection Regulations for Fans

In order to implement the safety system and coordinate safety management work, Suntien and its subsidiaries at all levels have established Production Safety Committee ("PSC") to study, review and coordinate significant operational safety issues and supervise the implementation of such work in each unit. The PSC is composed of the president, responsible persons in charge and head of each function and led by the president. The PSC holds operational safety meeting quarterly to analyse the Company's safety production condition to make sure the implement the main responsibilities thereof, and arrange relating work and supervise its implementation. In 2020, the proportion of ordinary employees in the Xintian Safety Committee accounted for 5%.

Suntien has established a "Two Controls"³ mechanism for production safety, and has incorporated it into the responsibility letter of each unit for annual safety production target. In 2020, Suntien formulated the Work Safety "Two Controls" Mechanism Construction Plan and Safety Production "Two Controls" Mechanism Construction Evaluation and Acceptance Criteria based on actual conditions, and held a mobilisation meeting for construction of "Two Controls" mechanism. As at the end of 2020, all subsidiaries of Suntien have completed the construction of the "two controls" mechanism. After conducting a systematic security risk check, a total of 16 major risks have been identified and corresponding management and control measures have been formulated. Through comprehensive promotion and improvement of the "Two Controls" system construction, Suntien had effectively improved its own safety precaution capabilities and established a long-term effective management mechanism for safe production.

³"Two Controls" refer to the dual prevention working mechanism, that is hierarchical safety risk control and hidden hazard investigation and control.



Risk distribution of a wind farm (example)



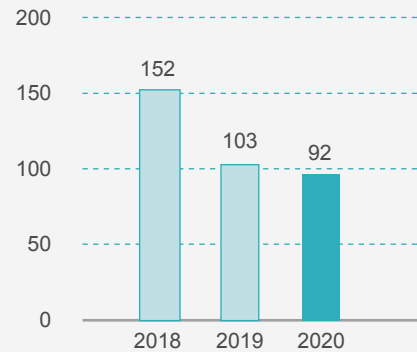
Risk notification of each position in a wind farm (example)

Hidden Danger Investigation and Emergency Drills

In order to effectively prevent and curb all kinds of production safety accidents, Suntien has stepped up efforts to investigate and manage hidden dangers, and regularly conducts joint inspections and special treatments for key areas and risks to guarantee the steady and safe production. In 2020, in order to implement the main responsibility for safety, Suntien compiled *Three-year Plan for Special Remediation of Work Safety*, which specified six key areas in special remediation of production safety and set targets to supervise the implementation of each subsidiary. As at the end of 2020, a total of 92 hidden dangers were identified in headquarters of Suntien, 90 of which had been rectified.

As at the end of 2020, a total of **92** hidden dangers were identified in headquarters of Suntien
90 of which had been rectified

Number of troubleshoot security checks from 2018 to 2020 (item)



Case

Natural Gas Company conducted comprehensive safety production inspections prior to 2020 Mid-Autumn Festival and National Day

In September 2020, in order to strengthen operation and management during the holidays and further implement the main responsibility of enterprise safety production, Natural Gas Company carried out comprehensive safety inspections prior to Mid-Autumn Festival and National Day for the station, compressed gas fleet, construction site, users, etc.

The inspection team carried out special inspections on the standardised management procedure of gas shutdown and re-supply, on-site comprehensive situation, and leakage risk assessment during the inspection. Thereafter, the inspection team summarised the issues identified and put forward feasibility rectification opinions as well as issued rectification notices. The required responsible departments were asked to complete rectification by the following corresponding measures within a limited period.

The inspection improved the safety awareness of personnel at all levels and consolidated the safe production foundation, therefore the production went on safely and steadily during the double festival.



Comprehensive safety production inspections prior to Mid-Autumn Festival and National Day

Case**Caofeidian Suntien Liquefied Natural Gas Co., Ltd. organised a special safety inspection for flood prevention**

In July 2020, to implement relevant requirements for safety work and ensure production safety during the flood season, Caofeidian Suntien Liquefied Natural Gas Co., Ltd. conducted a special flood prevention safety inspection of the gas station and the external transmission pipeline project's construction site.

The inspection team conducted special inspections regarding flood prevention materials, drainage, power distribution and other facilities at the construction site, prefabricated processing plants and other key areas. In addition, they reviewed and enquired about relevant information and specifics relating to flood prevention learning materials, formulation and drills of flood prevention emergency plans, and emergency duties during the flood season. They also conducted inspections and inquiries. Thereafter, the inspection team notified the non-conformities and put forward rectification requirements.

The special inspection clarified the responsibilities of the post, discovered safety risks timely and carried out effective rectification, which improved safety production prevention and ensured the safe and steady operation during flood seasons.



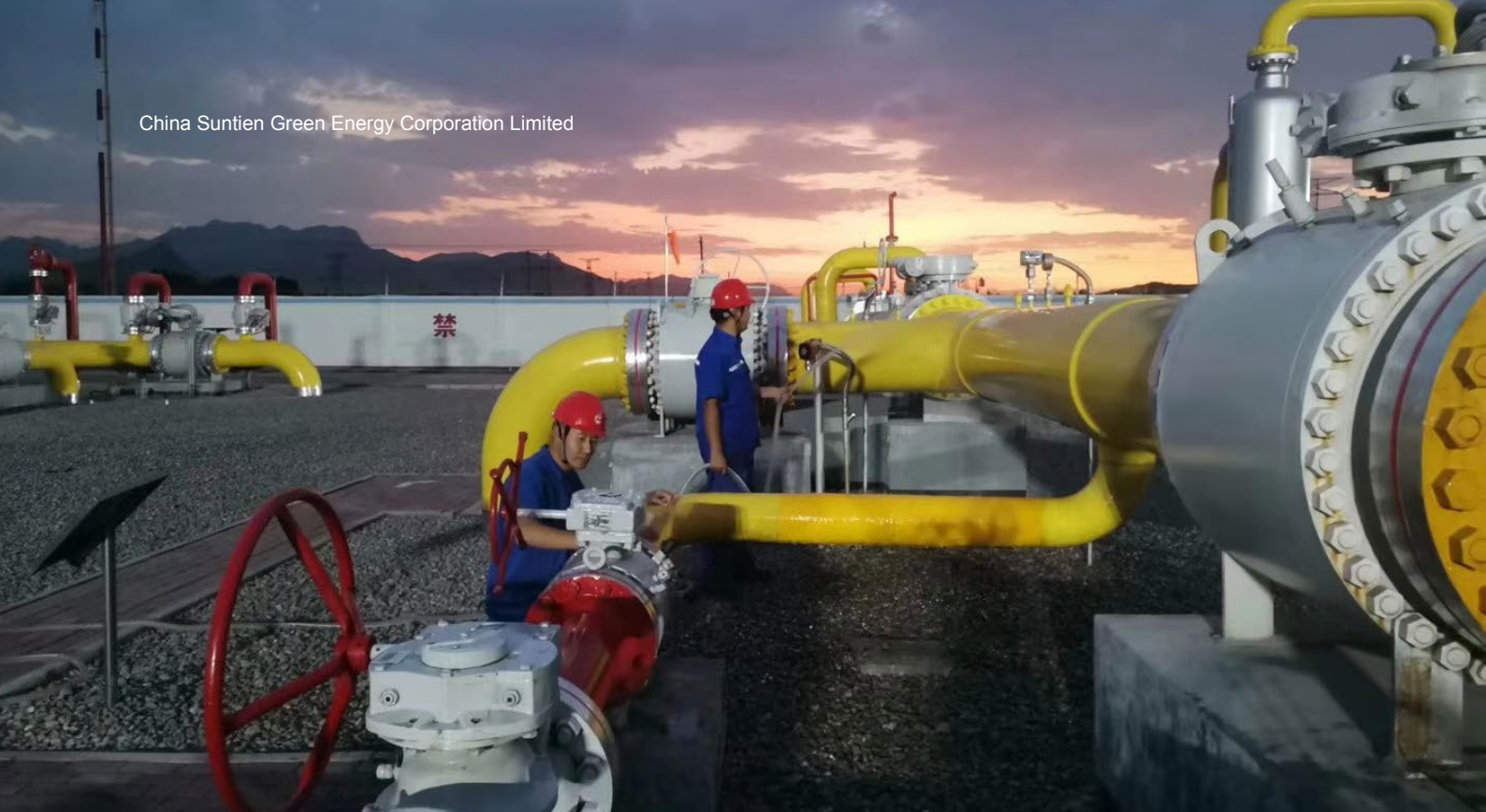
Flood prevention safety inspection

Case**Hebei SASAC inspected the safety production of Natural Gas Company and accepted the guidance thereof**

In March 2020, Hebei SASAC inspected the eastern district of Natural Gas Company and provided guidance on safety production during the pandemic.

The inspection team investigated the control centre, emergency centre, hotline centre and maintenance and repair centre of Natural Gas Company, and inquired in detail about the company's pandemic prevention and control measures, work and production resumption progress and safety operations during the pandemic. Technological innovation in production safety and the unbiased implementation of both pandemic prevention and control and safety production simultaneously were highly recognised by the inspection team.

Based on consistent and effective implementation of pandemic prevention and control measures, Natural Gas Company will comply with the requirements of Hebei SASAC on safe productions thoroughly and learn lessons from production safety accidents to prevent and control various safety risks during the pandemic. Investigations on hidden dangers will also be strengthened to ensure stable and safe operation during the pandemic.



Regarding leakages, fires, explosions and other emergencies that may happen in natural gas businesses, Natural Gas Company carries out emergency drills and training activities every year to test its emergency system effectiveness and the operability of special emergency plans for long-distance pipeline in implementation, as well as the employee's ability to handle emergencies, ultimately to improve its emergency management.

Case

Natural Gas Company held its 2020 Long-distance Pipeline Special Emergency Plan Drill

In November 2020, the Natural Gas Company held its Annual Special Emergency Plan Drill for long-distance pipelines which comprised several parts such as an early-warning start, on-site control, availability and deployment of emergency materials, and network communication transmission.

The teams returned to the emergency control centre thereafter, and Natural Gas Company organised a summary meeting. The teams summarised and discussed problems that occurred during the exercise at the meeting, and put forward comments and suggestions for improvement, so as to continuously improve the level of emergency management.

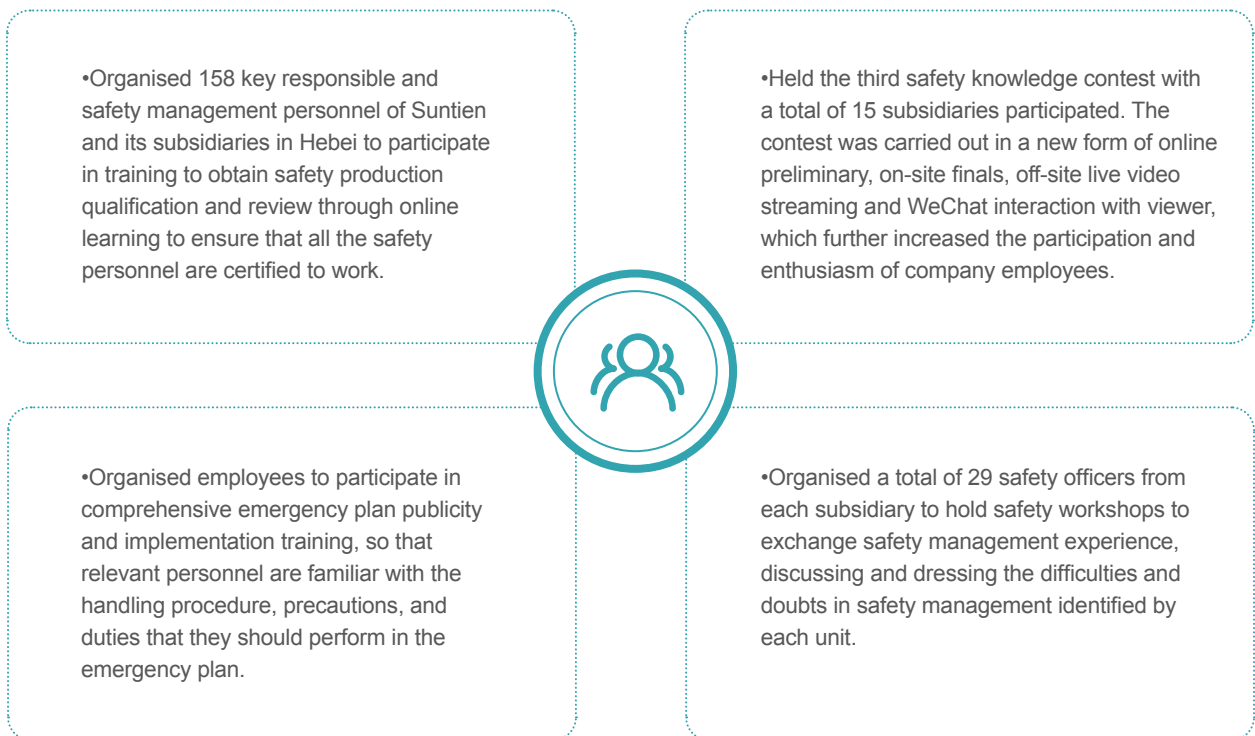


Emergency drills

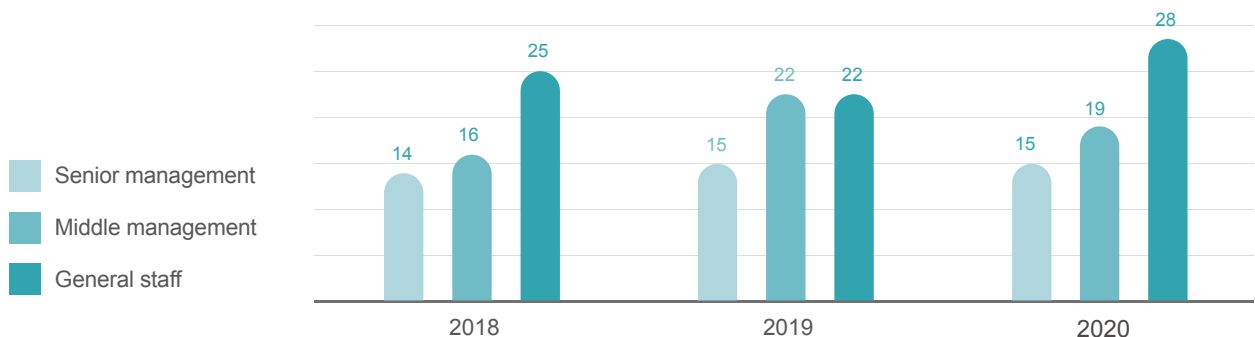
Employee Safety Security

Suntien values the safety and health of employees, therefore, continuously promotes the construction of occupational health and safety management system and strives to provide employees with a healthy and safe working environment and improve their working conditions. For positions with occupational health hazards, Suntien has adopted special protective measures to provide comprehensive working protection materials by purchasing and installing protective equipment such as climbing-free devices, climbing aids in maintenance, etc., posting warning signs for dangers as well as arranging occupational health checkups regularly to protect the health and safety of employees.

Suntien emphasises the construction of safety culture and enhances employees' safety awareness and improves employees' ability for safety emergency prevention and handling through organising safety training and safety production month activities, which together create a good safety production environment. In 2020, Suntien organised various safety culture training activities and achieved satisfied effects.



Average training hours per person from 2018 to 2020 (hour)



Quality Control

With the rapid development of the new energy industry and the continuous updating of wind power and photovoltaic technologies, in order to avoid various risks during the rapid development period, Suntien strictly controlled quality and continuously promoted the construction of quality management system. Due to the special nature of the industry, Suntien did not have the problem of recycling of sold and delivered products.

On the basis of complying with national and industrial standards, Suntien had developed numbers of internal systems, such as *Project Construction Management Measures*, *Project Construction Progress Management Measures*, *Manual on Standards of Wind Farm Projects Construction and Management*, and other documents, to further refine the management contents and responsibilities and do well in quality control and supervision.

In terms of peer exchange, the Company had invited external experts for technical exchange or guidance for valuable project for many times, assisted Suntien to understand the latest developments of the industry, carried out the control and inspection of the excellence process, strengthened the management and control of project quality and safety, and improved the quality of project management.

Case

Caofeidian Suntien Liquefied Natural Gas Co., Ltd. invited experts from CAPEC to guide the work of creating valuable projects

In December 2020, in order to strengthen the process of creating valuable projects and improve management and entity quality, Caofeidian Suntien Liquefied Natural Gas Co., Ltd. invited CAPEC's project excellence expert group to guide project creation work.

The expert group listened to the project progress report and valuable projects creation works at the project construction site, and carried out an inspection of the valuable projects. After the inspection, the expert group held a consultation and evaluation meeting, and summarised and commented on the process inspection and exchanged and discussed relevant issues with participants.

The project excellence inspection strengthened determination to create valuable projects and guided the company on the next step of this work. Caofeidian Suntien Liquefied Natural Gas Co., Ltd. will continue to improve their project management, further strengthen their project quality and safety controls, and strive to create high-quality projects.



On-site guidance for of creating valuable projects by CAPEC experts

Customer Service

Adhering to the philosophy of "Customer Oriented and Quality First", Suntien made every effort to provide high-quality, efficient, and considerate services, strived to help customers solve difficult problems and ensured the long-term and stable development of the Company. New Energy Company maintains timely communication with local power grids so that their demands and needs can be promptly and fully satisfied, while Natural Gas Company needs to serve the vast number of residents and enterprise users and provide customer service. To this end, Natural Gas Company had formulated a number of management systems to continuously optimise service quality and improve customer satisfaction through various measures such as providing convenience services, promoting gas use knowledge and organising service training.

Natural gas company had developed customer services management measures including *Standardised Management Measures for Customer Services*, *Standardised Management Measures for Door-to-Door Services*, *Standardised Management Measures for Hotline Centre* and the *Complaint Handling Process*, and developed *Rules for Customer File Management* to protect customer information and privacy. In 2020, in order to improve the efficiency and standardisation of business handling, Natural Gas Company developed *Detail Rules of for the Use and Management of the Customer Service TCIS System*, revised the *Rules for the Management of Resident Customer File*, and *Rules for the Management of Account Opening and Sending Gas for Residential Customers* and other 10 management systems, improved the gas supply and use agreement for residential users, strengthened the protection of customer privacy, and ensured the standardisation of business management.

Gas safety

In order to ensure the safety of gas consumption for residents, Natural Gas Company organised household security inspection activities several times, conducted investigations and rectifications on potential safety hazards, and carried out appliance maintenance for the households involving gas leaks. During the pandemic when normal on-site security inspections could not be carried out, Natural Gas Company purchased additional laser methane telemetry instruments and organised each unit to carry out supplementary investigations on leakage of civil households and took multiple measures to ensure gas safety. In 2020, 19 branches and subsidiaries of the Company completed a laser methane telemetry test, 221,000 households were actually tested, accounting for 64.33% of all users.

Case

Natural Gas Company's laser methane telemetry assisted in the implementation of mobile screenings

In the first half of 2020, due to the pandemic outbreak, in order to ensure the safety of gas consumption, Natural Gas Company carried out comprehensive leakage inspections by using the laser methane telemetry instrument. The company focused on strengthening the inspection of unregistered users and temporarily registered users of the recent three years.

A total of 36,467 households in 182 buildings in Shijiazhuang City were tested, in which 26,621 households were successfully tested, 9,846 households were not tested, and 14 real leakage users were tested, all of which have been repaired.

The laser methane telemetry is highly sensitive, and the feedback security inspection data it provides is more accurate. The application of this instrument is a new way to check domestic users gas leakage, which further improves the safety management level of Natural Gas Company to private users.



Laser methane telemetry outdoor security inspection

Safety publicity

In order to help users better understand the safe use of natural gas, Natural Gas Company strengthened its campaign and organised employees to propagandise the knowledge of safe use of natural gas through distributing and posting safety leaflets, setting up the courses on gas safety, providing on-site guidance and organising the interactive questions and answers with prizes, to ensure the safe and stable supply of natural gas. In 2020, according to the Management Measures for "Grid" Communities in Hebei Province, Natural Gas Company launched online safety publicity to improve users' safety awareness. During the reporting period, Natural Gas Company carried out 217 safety publicity activities, with an accumulated investment of RMB213,600 and accumulated service hours of 13,382 hours.



Case Natural Gas Company's Shahe Branch carried out a gas safety publicity campaign in rural areas

In response to the lack of safety awareness and lack of knowledge about gas safety by users in rural areas, Natural Gas Company's Shahe Branch placed stainless steel bulletin boards in all "replacing coal by gas" villages in Shahe City and Shahe Town of Xingtai Development Zone.

Shahe Branch placed the bulletin boards at the entrance of village committees where it can easily be viewed at any time and the bulletin boards are replaced quarterly. The stainless steel bulletin boards popularises gas knowledge, and effectively guides gas users in rural areas on how to use gas scientifically and safely.



safety publicity

Case

Hengshui Construction Investment Natural Gas Co., Ltd. safety publicity campaign

According to the Company's safety month activity plan and combined with the theme of safety month, Hengshui Construction Investment Company jointly carried out safety publicity activities in markets along with township governments, safety supervision departments and fire departments.

Hengshui Construction Investment Company conducted safety knowledge discussions in the markets of all "replacing coal by gas" towns under its jurisdiction by distributing colored publicity pages, explaining the treatment methods of common gas problems, and advising people on how to protect gas facilities and the current gas prices. Such market publicity activities covered a great number of users and villages and achieved good safety publicity results.



Promotion of gas safety knowledge in the market

Case

Jinzhou Construction Investment Gas Co., Ltd.'s customer service team promoted gas usage knowledge through a short video

Community activities such as safety gas propagandas were severely affected by the pandemic prevention and control. In order to ensure that users could use gas safely and prevent gas accidents, Jinzhou's customer service team took the lead in May 2020 and launched a gas safety publicity video, domestic gas knowledge theatre, domestic gas minor courses and other contents short-video apps. The video was viewed 3,860 times in just two days.

The short video diversified the ways of gas safety publicity, covered more users, and achieved better publicity results, and also improved the corporate image of Jinzhou Company.



Jinzhou customer service's Tik Tok safety publicity interface

Convenient services

In order to improve the convenience of user payment, Natural Gas Company developed and popularised a project for users to use IC card metres to facilitate payments, and realised the self-service payment method of "online payment + offline deposit". As at the end of 2020, all 19 subsidiaries have started to promote the application. This project not only saves the cost of changing metres in large quantities, but also relieves the problem of shortage of business personnel due to the increase of customers, meets the needs of convenient payment for residents, and improves the service quality of customers. In addition, with the construction and deployment of customer service data backup system, Natural Gas Company realised "cloud storage + local backup" of data, to further ensure the security of customer data.

Case

Success in the joint commissioning test of the User Convenience Payment Project of Natural Gas Company's resident card metres

In July 2020, through preliminary work of multi-level platform docking, system transformation, interface development and integration of measurement tools for metres, the joint commissioning test of the User Convenience Payment Project of Natural Gas Company's resident card metres was successful.

The main mode of the project is "WeChat living payment" + a transfer card used to purchase gas through a deposit machine, which is easy to operate and meets the basic convenient needs of most customers. Another way to purchase gas is through the Company's WeChat programme + a card with Bluetooth function, in which gas is recharged using the programme and customers can make a payment without leaving home. However, this only meets the higher-level needs of a small number of customers.

The project has met the needs of customers, improved the service image of the Company and alleviated the shortage of business personnel due to continuous increase in business.



"WeChat living payment" screens and deposit machine

Improve service capacity

In 2020, Natural Gas Company carried out an unannounced inspection of the customer service comprehensive business, supervised and urged companies to check for leakage and filled in defects, rectified problems found in the inspection, and promoted comprehensive improvement of the customer service business. Furthermore, Natural Gas Company further standardised the outsourcing management of its customer service business, optimised the terms of security inspection in outsourcing contract, and continuously improved relevant management.

In order to optimise and improve the service, Natural Gas Company organised and held an online customer service work visit to publicise and implement the customer service management concept and share the working methods, which further improved customer satisfaction. In 2020, Suntien received and properly handled 89 customer service complaints.

In 2020, Suntien received

and properly handled **89**
customer service complaints



Case

Several window units of Natural Gas Company were awarded the honorary title of "Demonstration Unit of the First Civilisation Window of Hebei Construction & Investment Group"

In 2020, Natural Gas Company actively participated in the creation and competition activity of "improvement of quality and efficiency, civilised service" of Hebei Construction & Investment Group. Through reviewing application materials, self-assessment of window units, on-site inspection and acceptance and other links, four window units including the hotline centre of Natural Gas Company, and customer service centre of Shijiazhuang Jiantou Gas Co., Ltd. were awarded the honorary title of "Demonstration Unit of the First Civilisation Window of Hebei Construction & Investment Group" for the first time.



"Civilised Service Demonstration Window" honorary title plate

Case

Several customer services centres of Natural Gas Company won the "Red Flag of Civilised Window" award

In order to better serve the general public, the customer service centre had increased the number of hotline telephone operators, set up voluntary service posts, and inspected daily window health, public welfare exhibition boards, service facilities, etc., and adjusted internal processes to reduce the waiting time for users and greatly improved citizen satisfaction. In July 2020, the customer service centre of Chengde Jiantou Natural Gas Co., Ltd. and Jinzhou Gas Co., Ltd. participated in the selection activity of local civilised service windows, and were awarded the "Red Flag of Civilised Window" by Urban Management and Law Enforcement of Chengde City and Jinzhou City respectively.



Chengde Customer Service Centre awarded the "Red Flag of Civilisation Window"

Number of customer complaints from 2018 to 2020 (case)

Customer Type	2018	2019	2020
Resident customers	88	91	89
Non-resident customers	0	0	0

Customer Satisfaction Survey Results from 2018 to 2020 (%)

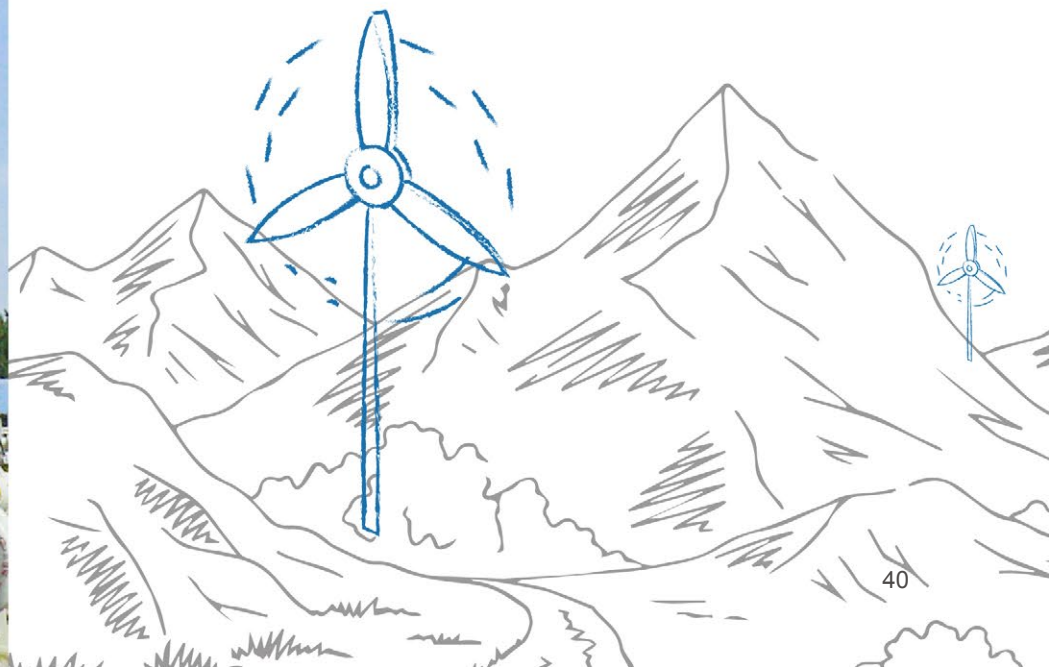
Customer Type	2018	2019	2020
Resident customers	99.3%	99.25%	99.53%
Non-resident customers	94.1%	100%	100%





03. COORDINATED DEVELOPMENT OF INDUSTRY

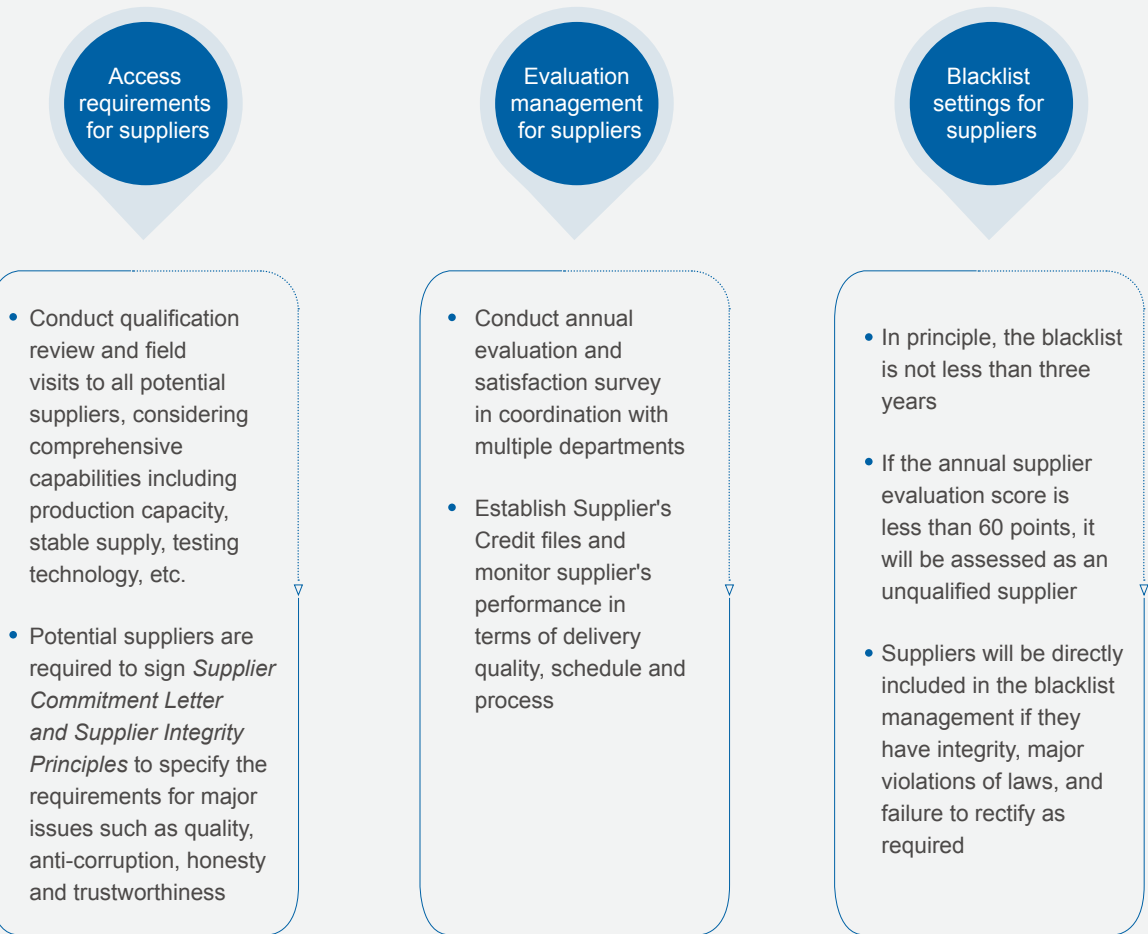
Suntien actively participated in the coordinated development of the industry's upstream and downstream, construction of the green supply chain, and created a sustainable supply chain in an open, transparent and honest manner. In the process of business operation, Suntien attached importance to business reputation, combined its own sustainable values to promote scientific and technological innovation, supplier growth and industry exchange, assisted the construction of high-quality, healthy and coordinated industrial system, and contributes to the stable supply of the whole industrial chain.



Supply Chain Management

In the supply chain management, Suntien strictly abide by the relevant national laws and regulations, refer to the *Law of the People's Republic of China on Tenders and Bids*, *Regulations on the Implementation of the Bidding Law of the People's Republic of China* and other relevant provisions, and formulate the procurement management system including the *Construction Project Tendering Management Measures*, *Construction Project Management Measures*, and *Construction Project Quality Management Measures*, covering the whole process of supplier access, evaluation and withdrawal. While improving the procurement efficiency, the Company strictly implement the fairness and justice of procurement, to avoid compliance risks and ensure the supply of gas source stably.

In 2020, Suntien continuously improved and standardised the procurement process, revised and released the *Management Measures for Suppliers of Engineering Construction*, further defined the management requirements for suppliers, and ensured that all phases of project bidding, project procurement, and project construction were carried out smoothly and in compliance. Suntien defined management responsibilities, checked the relevant qualifications obtained by the supplier, took into consideration the performance of environmental, safety, anti-corruption and other social responsibilities of the supplier, and required the whole system of the Company to strictly implemented relevant regulations to ensure the stability of gas source and make the system implement.




In 2020, New Energy Company refined the contents of *Management System for Construction Project* and the requirements on the safety of suppliers, coordinated with suppliers to focus on safety management, and promoted suppliers to assume more strict management responsibilities; Natural Gas Company signed "Commitment Letter for Integrity" with suppliers to put an end to any improper transactions such as bribery and acceptance of bribes in the procurement process, and conduct supplier review with higher anti-corruption and integrity requirements.

In 2020, Suntien has

543

suppliers in total



Distribution of Xintian suppliers in 2020

China (within Hebei Province)	China (outside of Hebei Province)	America	Europe
183	357	1	2



In 2020, within Suntien's suppliers,

353 suppliers have obtained quality management system certification (ISO 9000)

346 suppliers have obtained environmental management system certification (ISO 14000)

346 suppliers have obtained occupational health and safety management system certification (OHSAS 18000)



In 2020, 30 contractors, accounting for **100%**, obtained the quality management system certification (ISO 9000), environmental management system certification (ISO 14000) and occupational health and safety management system certification (OHSAS 18000)

Suntien attaches great importance to growing together with suppliers. On the basis of continuously improving its product quality and management level, the Company carries out diversified cooperation with the mentality of open cooperation, equality and reciprocity. The Company established strategic partnership with excellent suppliers, broke through technical bottleneck, launched technical, professional and industrial cooperation projects, and provided suggestions for industry development. In 2020, Suntien actively opened up cooperation between upstream and downstream enterprises in the industry, carried out the whole process of product development, transportation and sales and other whole-process exchanges, and accelerated the implementation of research and development of new technology and new model; Natural Gas Company actively reached a willingness to cooperate with suppliers on intellectual property, and signed intellectual property cooperation agreements with suppliers such as Hebei Jixing Electric Power Equipment Co., Ltd. and Shijiazhuang Heping Electromechanical Equipment Co., Ltd.

Innovative Technologies

The proposal of China's carbon neutrality goal has accelerated the pace of energy structure transformation and has also increased the demand for energy efficiency improvement, and for technological innovations in renewable energy, hydrogen energy, energy storage and other fields. Suntien attached great importance to scientific research and technological innovation, carried out multi-party cooperation and exchanges, stimulated the Company's innovation potential and promoted technological change.

In accordance with the relevant provisions of the *Law of the People's Republic of China on the Advancement of Science and Technology* and the *Law of the People's Republic of China on Promoting the Transformation of Scientific and Technological Achievements*, and in combination with the actual situation of the Company, Suntien has formulated the Management Measures for the *Cooperation of Production, Education and Research*, to strengthen the cooperation between the Company and research institutions in production, education and research, and strive to improve the core competitiveness of the Company. Suntien actively applied for and studied innovative R&D projects, reasonably allocated R&D expenses, inspired employees' enthusiasm for scientific and technological innovation, and helped employees develop innovative thinking and innovation ability. In 2020, Suntien invested about RMB36,417,584 in R&D, and a total of 21 scientific and technological projects and informatisation projects were reported.



Suntien's R&D investment
was about RMB

36,417,584

Case

In 2020, Suntien held a special training class about scientific and technological innovation

In December 2020, to further improve the management level of scientific and technological innovation, Suntien held a two-day special training on scientific and technological innovation, with a total of 36 participants. Outstanding innovation experts were invited to give lectures and experts formulated training plans on the management and evaluation of scientific and technological achievements, transformation, award application, etc., and analysed and discussed in combination with actual cases.

This centralised training successfully completed the scheduled learning tasks. Suntien will effectively enhance the sense of urgency and responsibility to accelerate scientific and technological innovation, and further develop and innovate to promote the company's development to a new level.

Case

Successful wind farm implementation of four scientific and technology projects led by Shanghai Technical Innovation Office

In December 2020, four scientific and technological projects, including "research and development of assembly and disassembly of a blade without a large crane blade" and "research and development of the independent control system of Dongqi Wind Turbine", led by Shanghai Technical Innovation Office were successfully implemented in Haixing Wind Farm. By the end of 2020, the project had completed four invention patents and eight utility model patent applications.

The "research and development of assembly and disassembly of a blade without a large crane blade" is the first in China, and is of great significance to the disassembly and assembly of blades of wind farms in remote areas, high-tower wind farms and offshore wind farms. The research and development of blade partial lengthening technology of wind motors successfully solves two problems of the traditional air implementation mode, and greatly improves the wind energy capture capacity of the blades, and further improve the economic benefit of wind turbine.

Based on strict compliance with *Patent Law of the People's Republic of China and the Implementation Rules of the Patent Law of the People's Republic of China*, Suntien formulated a number of internal systems such as *Management Measures for Production Suppliers*, *the Measures for the Management of Safe Production Procurement*, *the Measures for the Management of Project Entrusted Operations*, and *the Measures for the Management of Intellectual Property Rights*, etc., systematically managed the patents obtained, promoted active innovation research and development within the enterprise, and established an innovation system with enterprise-based, market-oriented and deep integration of production, education and research. In 2020, Suntien obtained 35 authorised patents, and a total of 69 authorised patents, with rich innovation achievements.

The number of authorised

patents **35**

The number of accumulated

authorised patents **69**



Case

Ten software copyrights of Natural Gas Company were evaluated as scientific and technological achievements of Hebei Province

In December 2020, 10 software copyrights of Natural Gas Company were selected as scientific and technological achievements of Hebei Province and obtained the related certificates. In the future, the company will continue to promote the popularisation and application of scientific and technological achievements and the transformation of results, and accelerate the informatisation and intelligent construction of production and operation.



Technical Achievement Certificate

Case

Natural Gas Company obtained the Intellectual Property Management System Certificate

In December 2020, Natural Gas Company successfully passed an on-site audit of the intellectual property management system and obtained certification of the intellectual property management system. The certification promotes the standardisation of Natural Gas Company's intellectual property management and prevents operation risks caused by intellectual property disputes. In addition, it has laid a good foundation for Natural Gas Company to carry out the transformation of intellectual property achievements and application of scientific and technological projects.



Intellectual Property Management System Certification

Industry Communication

The proposal of carbon neutrality had promoted the development of wind power, photovoltaic and other new energy industries in all aspects. In 2020, the country increased the installed capacity of wind power by 71.67 million kilowatts and solar power by 48.2 million kilowatts, and the new installed capacity of wind and scenery by 120 million kilowatts, far exceeding market expectation. As a key energy enterprise in Hebei Province, Suntien actively participates in industry exchange and school-enterprise cooperation, promotes the development and progress of the industry in the way of self-development and win-win cooperation, and promotes the conversion process of clean energy from supplementary energy to alternative energy.

In 2020, Suntien actively researched and participated in the planning of industrial policies, and cooperated with Nanjing Tech University and other scientific research institutions, Pobo Financial, Provincial Development and Reform Commission and other external units to jointly develop and construct a number of key projects, effectively promoted the technical exchange and knowledge exchange among all parties in the industry, and further promoted the progress and development of the new energy industry.



Case

New Energy Company continues to promote a multi-energy and complementary thermoelectric storage coupled energy supply project for fully renewable energy

New Energy Company has signed a tripartite cooperation framework agreement with the Economic Development Zone of Guyuan County and Nanjing Tech University to accelerate the promotion of a multi-energy and complementary thermoelectric storage coupled energy supply project for fully renewable energy.

In 2020, the Economic Development Zone of Guyuan County preliminarily defined the project site plot, and New Energy Company completed the collection of relevant information on power consumption and heating of users on the energy supply side, and conducted research on the biomass raw materials in Guyuan County. Based on the collected data, the research team of Nanjing Tech University carried out preparation of the preliminary feasibility study report.

This project is the first national-level project of New Energy Company, which would solve the bottleneck problem of renewable energy development in China. New Energy Company attaches great importance to the project, plans to complete the adjustment of the plan as soon as possible and accelerate the project establishment, approval, design and construction.

Case

Suntien Smart Warehouse and SKF (China) carried out a technical exchange

In September 2020, SKF (China) visited the Suntien Smart Warehouse to conduct a technical exchange on issues such as application of smart operation and maintenance mode and post-market cooperation.

At the meeting, SKF (China) team introduced solutions such as condition monitoring and artificial intelligence of wind turbine equipment, and Suntien Smart Warehouse shared its application experience in data service-driven management innovation in the wind power industry. The two sides reached an agreement on the intent to strengthen scientific and technological innovation cooperation in subsequent scientific research and technological transformation projects.

In the future, Suntien Smart Warehouse will continue to base itself in the clean energy business, continue to deepen the science and technology fields by combining the production and operation and digitalisation, and actively explore the innovative management models for smart operation in the post-wind power market.

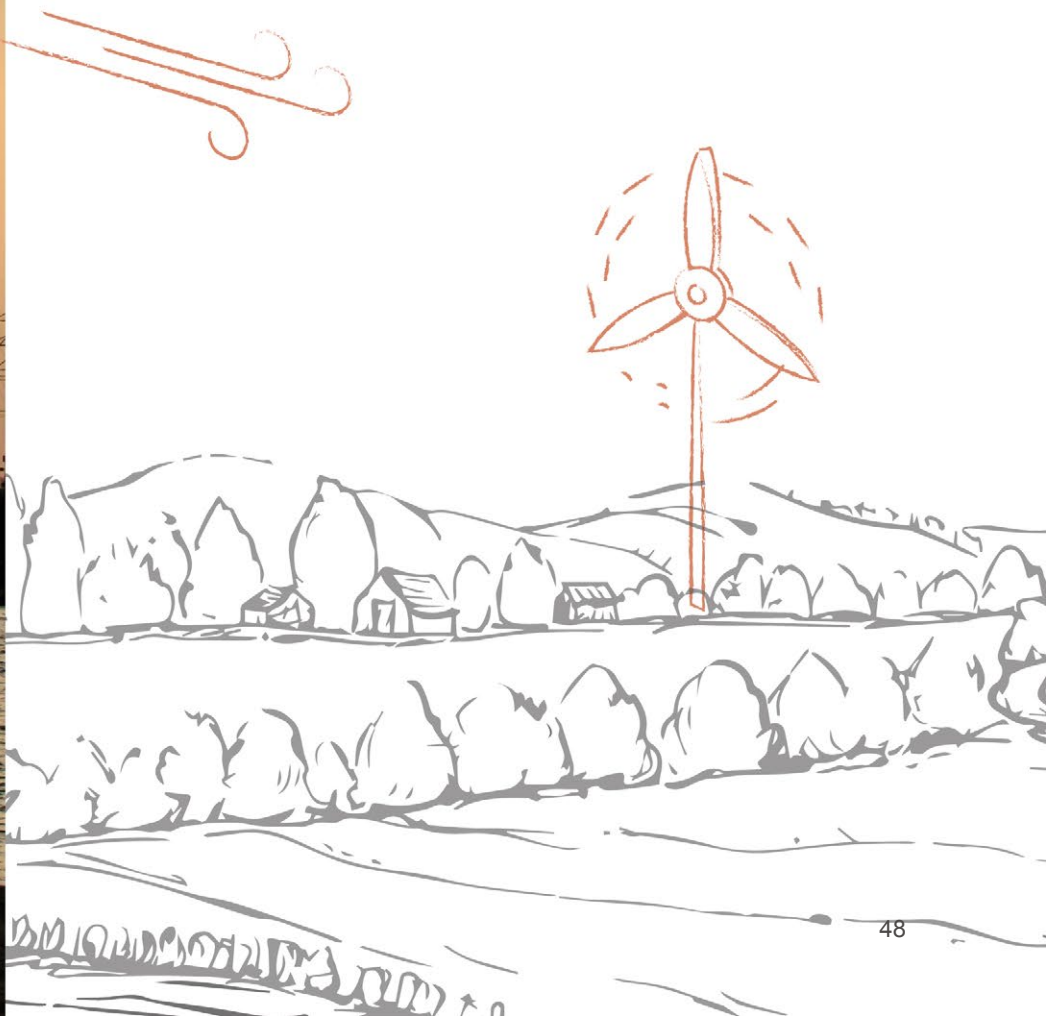


Site of the technical exchange between Suntien Smart Warehouse and SKF (China)



04. BUILDING A DEVELOPMENT PLATFORM

Suntien regards employees as the cornerstone of the enterprise's long-term development, always adheres to the talent concept of "people-oriented and harmonious development", focuses on building the talent management system and perfect talent training mechanism, continuously cultivates industry-leading talents and business talents, creates a fair, open, harmonious and inclusive working environment for employees, practically guarantees the rights and interests of employees, integrates the care of employees into the enterprise culture, strives to create a cohesive spiritual home for employees, and works hand in hand with employees to create a better future.



Employment and Welfare

Suntien has a complete and standard personnel and labour management system, and strictly complies with the *Labour Law of the People's Republic of China*, *Employment Contract Law of the People's Republic of China*, *Employment Promotion Law of the People's Republic of China*, and *Protection of Minors Law of the People's Republic of China* and other relevant laws and regulations to protect the lawful rights and interests of employees. Suntien strictly follows the *Measures for Staff Management of China Suntien Green Energy Corporation Limited*, insists on legal and compliant employment, forbids and boycotts any form of child labour and forced labour, treats employees of different genders, ages, ethnicities and cultural backgrounds fairly, and provides all employees with equal work opportunities. In 2020, no child labour and forced labour cases occurred in Suntien.

In 2020, Suntien continued to promote the personnel and labour management system, optimised the organisational structure according to the needs of business development, adjusted management responsibilities of the company's functional departments, improved 38 human resources systems, and studied and prepared the *Report on Human Resources Planning in the 14th Five-Year for Suntien*, so that employment, remuneration, promotion and social insurance personnel work of the Company have rules to follow. In 2020, the percentage of collective bargaining agreements covered by employees of Suntien Mainland reached 100%.

In 2020, Suntien had 0 cases of child labor and forced labor

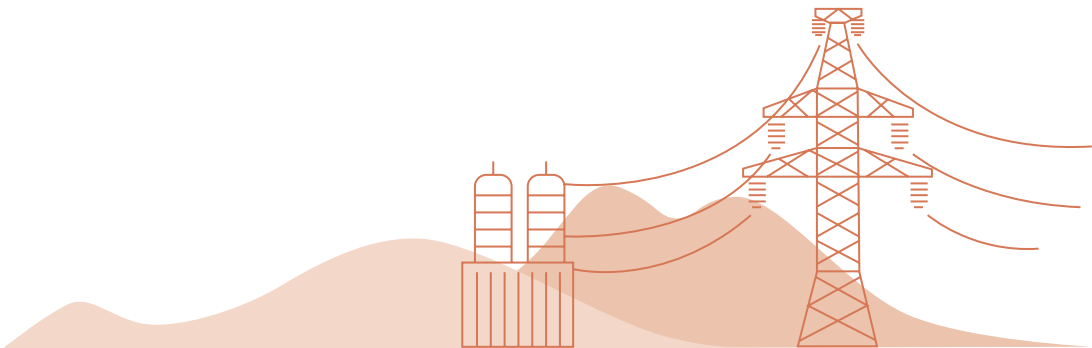


In 2020, the percentage of collective bargaining agreements covered by employees of Suntien

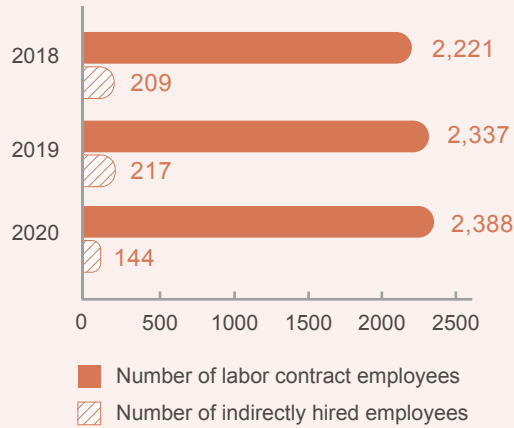
Mainland reached 100%



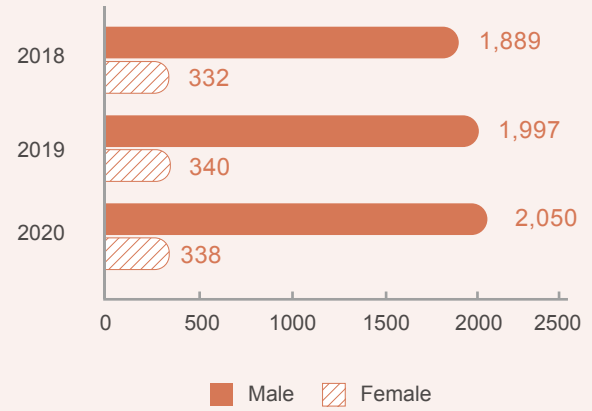
Suntien resolutely protected the rights and interests of employees' labour remuneration. In accordance with the *Compensation Management Measures of China Suntien Green Energy Corporation Limited*, the employee's salary composition and adjustment mechanism were stipulated, the performance guidance was strengthened to ensure fair and reasonable management remuneration. In 2020, Suntien continuously deepened the reform of employees' remuneration, newly-released the *Management Measures for Employee Appointment and Departmental Remuneration Distribution*, implemented departmental independent management for the employees' appointment and remuneration distribution of the Company, promoted the construction of a remuneration performance evaluation system focusing on performance and contribution, and further optimised the employee's welfare management, improved the insurance coverage for critical illness on the basis of ensuring the holidays, five social insurance and one housing fund enjoyed by employees according to law, and improved the employee's medical welfare security system.



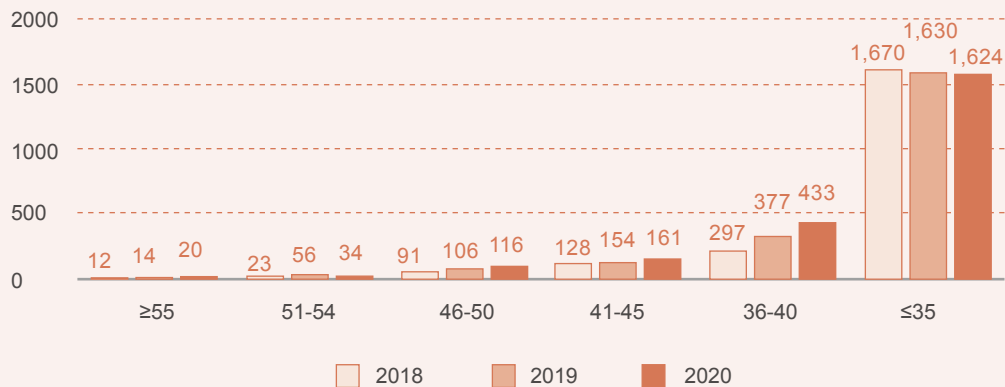
Distribution of employees by employment type from 2018 to 2020 (person)



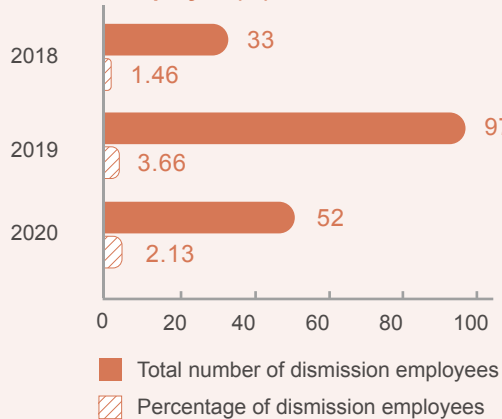
Distribution of employees by gender from 2018 to 2020 (person)



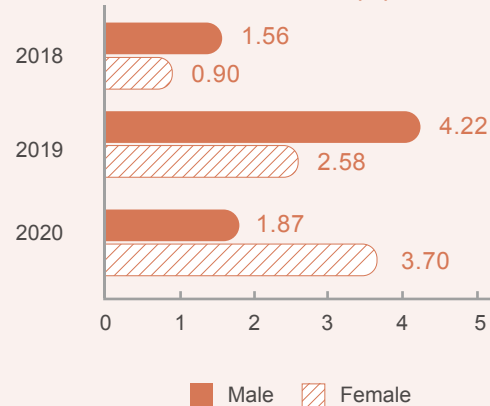
Distribution of employees by age from 2018 to 2020 (person)



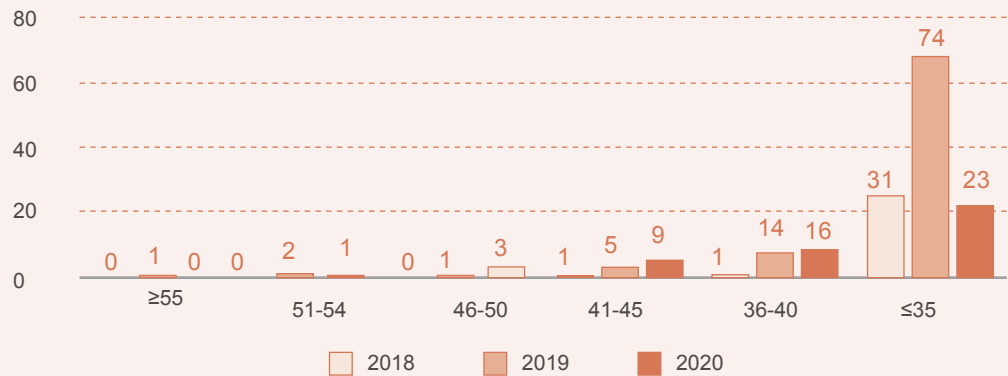
Total number (person) and turnover rate of employee (%) from 2018 to 2020



Turnover rate of employees by gender from 2018 to 2020 (%)



Number of employee turnover by age from 2018 to 2020 (person)



Training and Development

Suntien attaches great importance to the personal growth of employees and is committed to cultivating talents at multiple levels, in all aspects and across fields. It has formulated relevant management measures such as the *Employee Training Management Measures of China Suntien Green Energy Corporation Limited*, *Management Measures for Induction Training of New Employees of China Suntien Green Energy Corporation Limited* and *Management Measures for Internal Training Team of China Suntien Green Energy Corporation Limited*., and established a perfect talent management process and talent development system. In 2020, Suntien comprehensively revised and refined the system documents, guided by the overall improvement of the Company's overall human resources management level, systematised and differentiated training strategies, deepened salary reform, strengthened the performance-driven, realised systematic innovation from cultivating talents, encouraged talents, evaluated talents to achieving talents, and provided organisational guarantee for the high-quality development of the Company. In 2020, 100% of Suntien employees receive training.

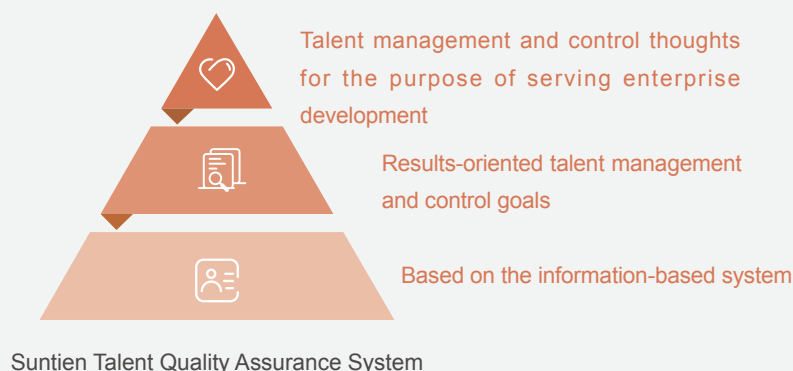
Case

Special research on human resource management in Suntien

In 2020, Suntien carried out special research on the human resource management business with the goal of building a research-oriented and learning-oriented headquarters. In terms of the talents quality assurance system, Suntien carried out special research from the angle of the construction and implementation of the talent quality assurance system, summarised the main measures and implementation effects of the Company in all aspects of talent selection and training, put forward the idea and plan of realising the Company's high-quality development talent, wrote and released a special report of the *Construction and Implementation of the Talent Assurance System for Green Energy Enterprises Oriented by High-quality Development*, and won first prize of "27th Hebei Enterprise Management Innovation Achievements".



Human resource management award certificate in Suntien



According to the needs of different positions and the demands of employees, the Company adopted a training strategy distinguished by group, level and differentiation, and set up various training courses in a targeted manner. In addition, they built a team of internal trainers to comprehensively support the promotion of various training systems, so as to provide guarantee for the diversity and specialisation of the Company's talent team.

Staff training

The Company has carried out training for new employees and grass-root employees for many years and established a training mechanism of reserve talent tutoring system and foreign language talent pool.

Management Training

The Company further improved the training of managers, continued to carry out the "Three-year Training Plan for Middle-level Managers and System Enterprise Leaders (2019-2021)", and organised the management personnel to carry out learning and training based on various colleges and universities, scientific research institutes and large enterprises and social institutions with strong competitiveness.

Construction of internal trainer team

The Company set up a talent pool for trainers in the system of the Company, excavated the advantages of internal talent resources of the Company, and carried out talent training according to the professional fields and the current situation of the Company, so as to effectively inherit the corporate culture and professional technology, realise knowledge sharing and internalisation of experience, and explore and establish an "enterprise management case pool" with the Suntien characteristics.





Motivation

The Company strengthened the incentive for outstanding talents and high-level talents and improved the appraisal and incentive mechanism of the Company. In 2020, the Company issued and implemented the *Management Measures for Position-linked and Targeted Reward of Middle-level Management*, which linked the annual reward of middle-level management to the job performance and annual profits of the Company; revised and improved the *Management Measures for Annual Appraisal and Selection of the Excellent*, which linked the appraisal and selection of the excellent to the evaluation of cadres.



Appraisal

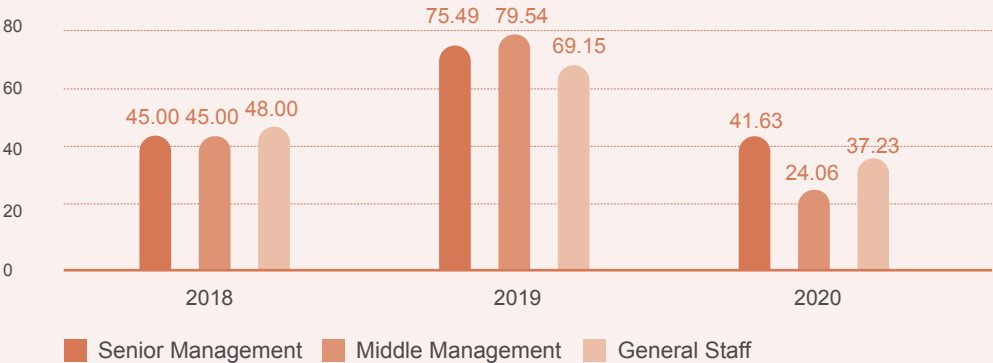
The Company continued to optimise the talent appraisal mechanism, standardised and improved the selection criteria and methods of various talents according to the requirements of different positions, formed a more scientific and reasonable appraisal mechanism, and continuously promoted the quality assessment of management. In 2020, the Company strengthened the inspection on the staff's business skills, and organised the quality evaluation for 29 reserve talents in the form of integration of measurement and training.



Promotion

The Company continuously improved the mechanism of talent promotion and cadre selection and appointment, defined the development path of "occupational dual channel", realised the dual-channel connection of the professional and technical channel and the management channel, and provided the talent growth channel by means of multi-channel promotion such as selecting the best, post-level promotion, employees' work shifts, temporary exercise and cadre exchange. In 2020, the Company revised a *Selection and Appointment Management of Middle-level Management and System Enterprise Leaders* twice, clarified the relevant standards for cadre appraisal and selection & appointment, and completed the designation for 8 middle-level management and system enterprise leaders.

Average training hours per person by employee type from 2018 to 2020 (hour)



Note: Safety and anti-corruption trainings are not included in the above trainings. Please refer to the "Safety Management" and "Anti-corruption" sections of this report for relevant details.

Case

Suntien held 2020 human resources training courses for middle-level management and system enterprise leaders

In October 2020, in order to actively implement and promote the *Training Plan for Middle-level Management and System Enterprise Leaders*, the Company launched the *Human Resources Training Courses for Middle-level Management and System Enterprise Leaders* in the form of centralised training, with a total of 48 middle-level and human resources management participated. During the training, experts were invited to interpret the latest cadre selections and appointments and management policies, and gave lessons on topics such as human resources planning and job analysis, employee performance and incentive compensation management, interview skills and training plan development. The trainees had further understanding and improvement on the role positioning and necessary abilities of human resources management positions.



Middle-level management and system enterprise leaders attended human resources training courses

Case

Suntien launched the Enterprise Microlecture Empowerment Workshop

In September 2020, the Company promoted construction of the internal trainer system. By organising and carrying out the "Enterprise Microlecture Development Workshop" project, the Company leveraged the experience of excellent and professional technicians to empower internal trainers and started a brainstorming session on internal course development. 31 internal trainers from different departments received offline face-to-face training for 3 days and 2 nights. The internal trainers produced more than 20 excellent course works through the study of concept and software of microlecture and with their own professional knowledge, which effectively expanded the teaching ideas and teaching methods of internal trainers.



Suntien's Enterprise Microlecture Empowerment Workshop award

Care and Communication

Suntien values the physical health and spiritual civilisation of employees, actively helps employees to solve difficulties, and strives to create a warm and harmonious working environment and improve the happiness of employees.

In order to help employees in difficulty, the Company had formulated the *Assistance Measures for Employees in Difficulty* and *Management Measures for the Charity Fund of the Company*, which stipulate the conditions, amount and management process of various subsidies and assistance, aiming at timely providing assistance to employees in difficulty. Besides, Suntien actively protects the rights and interests of female employees, and guarantees holidays and maternity leave they are entitled to according to law and regulations, and creates an equal and caring working atmosphere. In order to balance life and work, Suntien has organised a series of activities to enrich the staff's spare time life and promote the cultural and sports activities of the spiritual civilisation construction of the Group.

After the outbreak of COVID-19 in 2020, in consideration of the health of employees, the Company immediately established a leading group of pandemic prevention and control, formulated the "Work Plan for the Prevention and Control of the Epidemic" in a timely manner and deployed the pandemic prevention and control work. The Company conducted systemwide pandemic monitoring, daily report and data collection, established an information reporting group, timely updated and collected relevant information of employees, actively propagandised the latest information and implemented the latest policies related to the pandemic, and provided employees with quantitative pandemic prevention supplies. In 2020, party members of the Company made voluntary contributions of RMB76,000 to support pandemic prevention and control, and purchased and distributed protective materials. The Company strictly implemented measures such as a pandemic report and inspection report, completed 12 large-scale inspections for all employees that involved more than 30,000 personnel, maintained a "daily report" for 328 consecutive days, and achieved zero infections.

In January 2021, during the pandemic period in Shijiazhuang, the Company allocated RMB145,000 from the special funds of party membership dues to support the enterprise to carry out pandemic prevention and control. In order to reduce the frequency of going out without affecting the resumption of work and production, the labour union distributed daily necessities to employees and visited the families of employees involved in the frontline of fighting against the pandemic.



Employees stayed on the frontline to fight against the pandemic

Case

Suntien carried out activities on Women's Day

During the 2020 International Women's Day, Suntien organised activities for their female employees such as oil painting in order to relieve them from the stress of work and mental pressures brought on by the pandemic. Such activities were well received by the female employees.



A female employee attended activities on International Women's Day

Case

Suntien's offline reading club

In August 2020, the Company launched its first offline reading meeting after the resumption of work. In order to encourage employees' to actively fight against the pandemic and commemorate the selfless dedication of front-line workers during the pandemic, the Company named the reading meeting "Perseverance". During the meeting, colleagues discussed the pandemic and discussed how the spirit of perseverance should be exerted in both work and life.



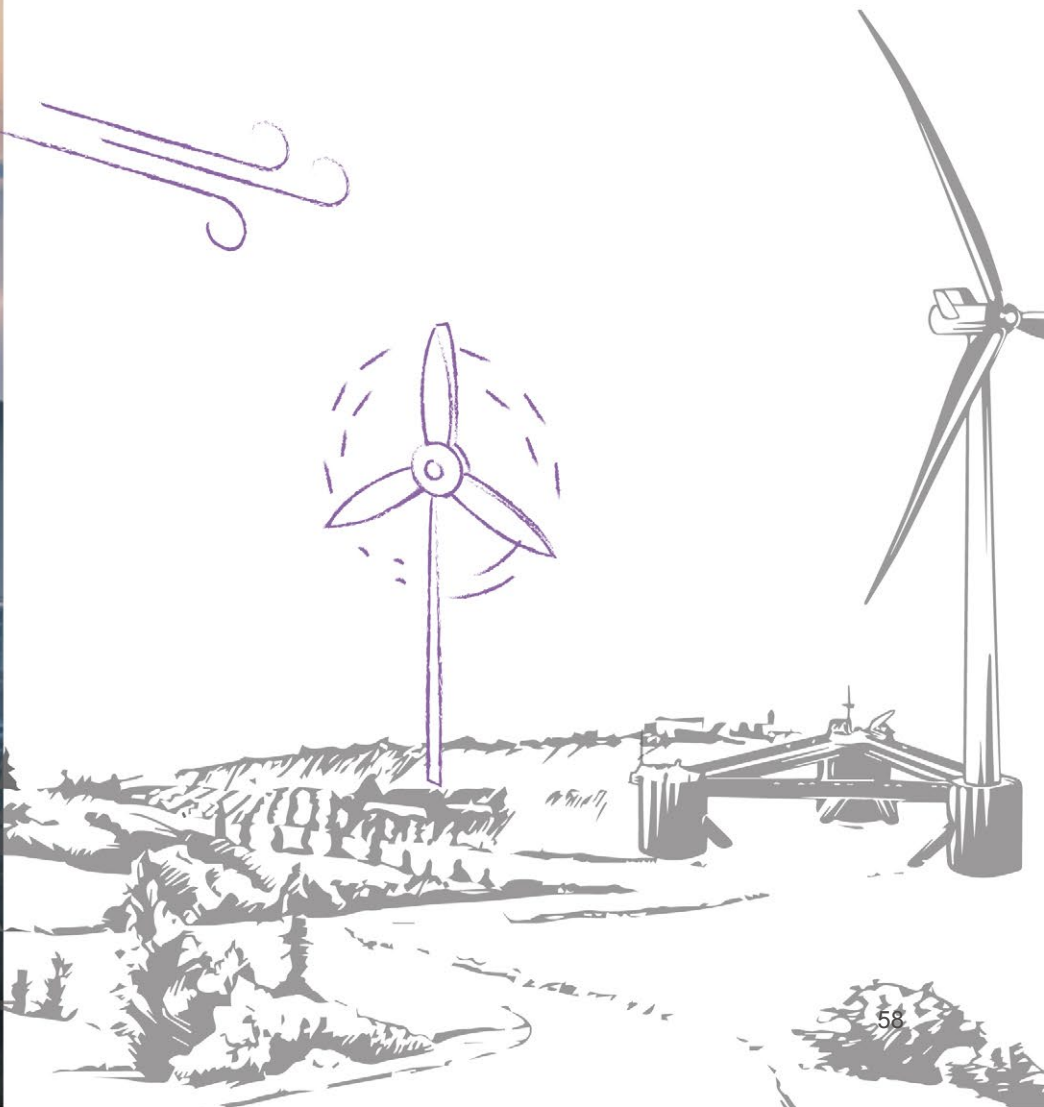
Employees attended an offline reading meeting

Suntien values the interaction and exchange with employees, and formulated the Measures for the Implementation and Management of Congress of the Workers and Staff, which clearly stipulates that the staff and workers' representatives shall be elected by democratic voting, and the rights and obligations of the staff and workers' representatives shall be regulated. The Company regularly communicates with such representatives to collect proposals, understand the needs of employees, learn about the situation of difficult employees, and solve employee problems in a timely, efficient and accurate manner, and continuously followed up the progress to ensure that employees can get feedback and solutions completely.



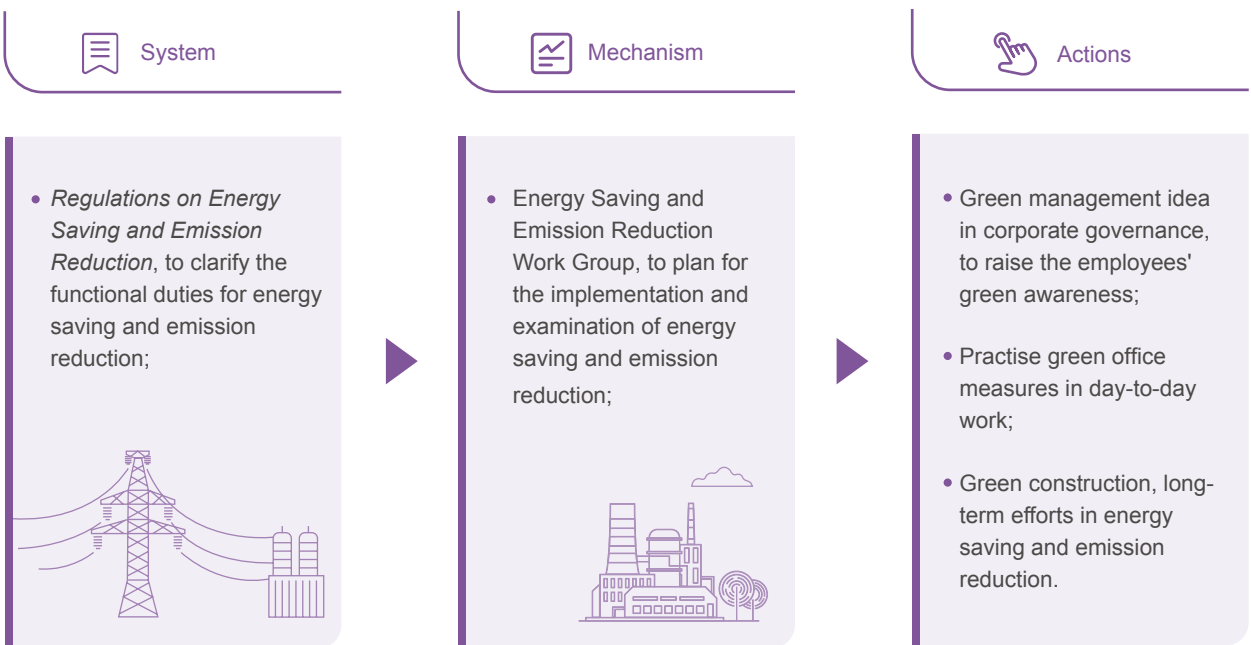
05. PROMOTION OF GREEN OPERATION

Suntien actively responds to national strategic ideas of ecological civilisation and environmental protection, pays great attention to energy saving, and works with the community to build a harmonious homeland. In day-to-day management, Suntien is highly self-disciplined, continuously implements an environmental control system, minimises environmental impacts, promotes energy saving and consumption reduction, and carries out the green philosophy into every aspect of office operation.

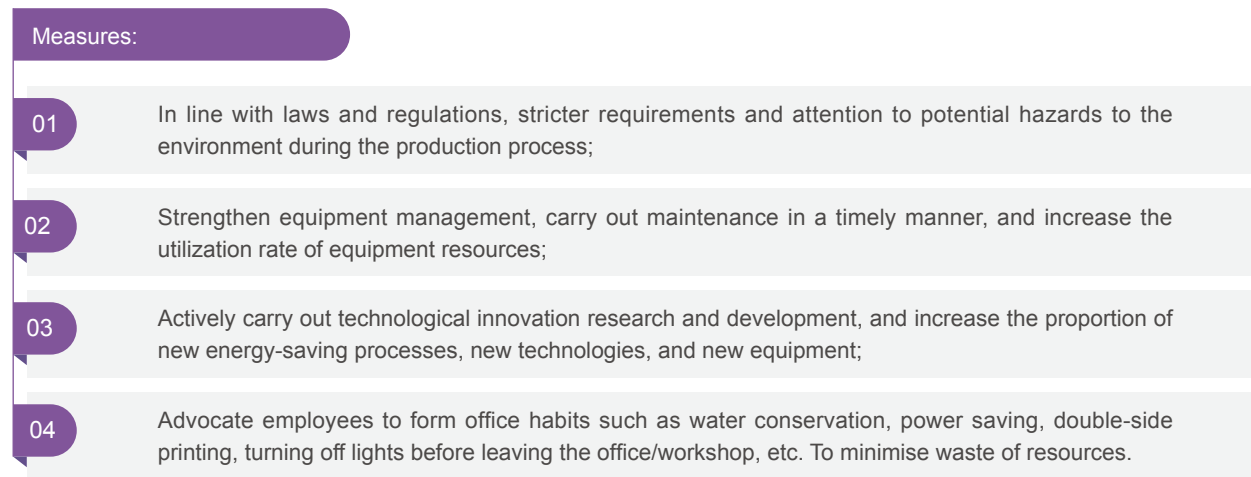


Use of Resources

Suntien follows the requirements of the *Environmental Protection Law of the PRC*, the *Energy Saving Law of the PRC* and other related laws, regulations and statutes, and integrate the awareness of energy saving and resource expansion fully into the environmental governance of the Company. Suntien aiming to be an energy-saving, environment-friendly modern green enterprise has developed the HQ and subsidiary level *Regulations on Energy Saving and Emission Reduction*, to continuously clarify the rules of implementation and examination.



Suntien promotes energy saving and natural protection in various ways. For example, Suntien has zero tolerance for non-compliant production or pollutant emission, promotes green sustainable values, and keeps tapping the engineering potential of energy saving and emission reduction.



Suntien operation does not involve any use of packing materials, the project operation does not involve any water intake and consumption, and during construction or business operation there is hardly any waste water, waste gas or other emissions. With rapid growth, Suntien industrial scale has higher requirements for resources utilisation. To better conserve energy and reduce emissions, Suntien limits energy consumption to no more than 69kg of standard coal equivalent per RMB10,000 value added, combines the targets of energy saving and output value growth, and dynamically monitors the resources consumption of Suntien. In 2020, due to the substantial increase in projects under construction, the use of gasoline and diesel will increase significantly.

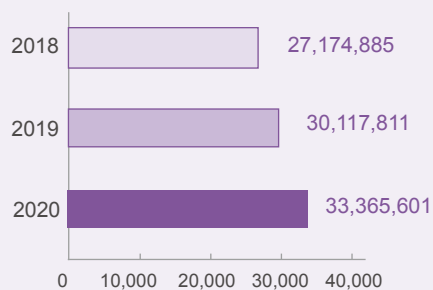
Greenhouse gas emissions of Suntien in 2020

Greenhouse gas emissions (tCO ₂ e)	Data
Total emissions	33,682.69
Scope I	10,970.72
Scope II	22,711.96

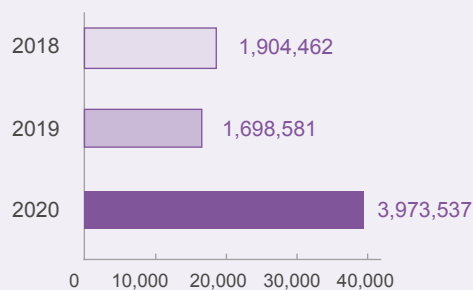
Note: Greenhouse gas emissions in scope one are derived from the consumption of gasoline, diesel, liquefied petroleum gas and natural gas in accordance with the *Guidelines for Accounting and Reporting of GHG Emissions of Other Industrial Enterprises*. In scope two, we adjusted the greenhouse gas conversion factor for electricity consumption, and converted electricity consumption with reference to the *2012 China Regional Grid Average Carbon Dioxide Factor*.

Energy consumption of Suntien from 2018 to 2020

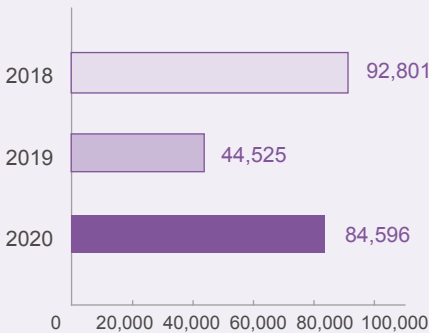
Electricity consumption from 2018 to 2020 (kWh)



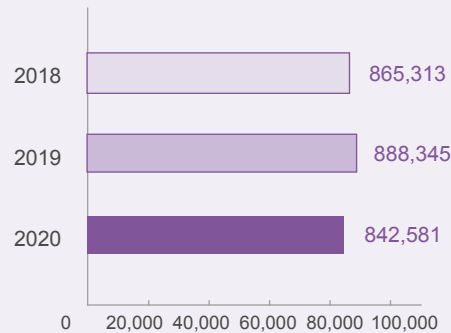
Gasoline consumption from 2018 to 2020 (L)



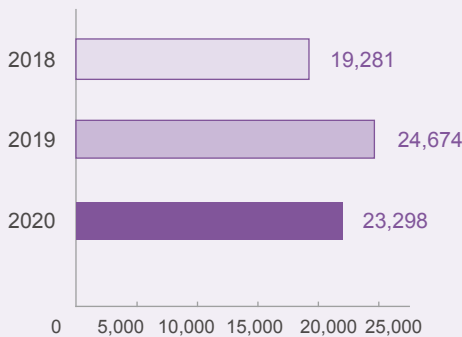
Diesel consumption from 2018 to 2020 (L)



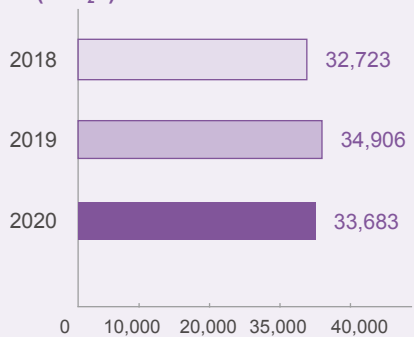
Natural gas consumption from 2018 to 2020 (m³)



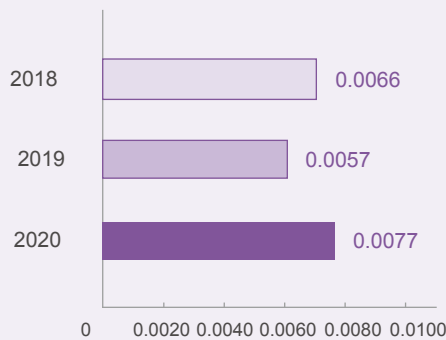
Liquefied gas consumption from 2018 to 2020 (m³)



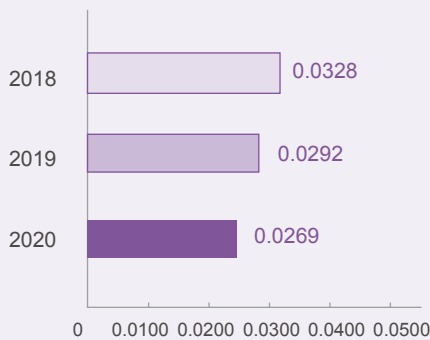
Greenhouse gas emissions from 2018 to 2020 (tCO₂e)



Energy consumption per RMB 10,000 revenue (tce/RMB 10,000)



Carbon dioxide emissions per RMB 10,000 revenue (tCO₂e/RMB 10,000)



Note: The comprehensive energy consumption is calculated according to the *General Principles for Calculation of Comprehensive Energy Consumption GB-T2589-2008*.

Case

Suntien blades with vortex generators that has improved the power generation efficiency of wind turbines

In 2020, Suntien worked with Shanghai Electric and other entities to establish a professional technical team, which by adding devices to blades, improved the aerodynamic performance of the blades to increase overall power generation capacity of the wind turbines, more efficiently realising low-carbon and energy-saving. The team, by reference to international and domestic mainstream vortex generator technologies, worked hard to simulate the blade aerodynamic performance and optimise the control strategy, and improved the wind turbines with vortex generators. The follow-up team will further carry out the follow-up evaluation and promotion, effectively improve the wind turbine power generation efficiency, and practise low-carbon and energy-saving.

Waste Management

Suntien reinforces waste management and develops the *Regulations on Wastes Disposal*, to regulate the wastes disposal in the full process of production and operation. Natural Gas segment's *Equipment Management Methods* and *New Energy segment's Wastes Disposal Management Methods* ensure the harmlessness, reduction and resource utilisation of waste materials and minimise potential environmental impacts.

In 2020, the *Solid Wastes Pollution Prevention and Control Law of the PRC* was revised, under which, Suntien issued the updated *Regulations on the Disposal of Productive Wastes*, further clarifying the definitions of dangerous wastes during production, around the principle of "collective governance, priority recycling, regular disposal", itemising the solutions and reference standards.

Suntien's harmless wastes typically include building waste, earthwork, packing waste and office waste. The company classifies and manages all kinds of non-hazardous waste and recycles the recyclable waste. In 2020, due to the increase in projects under construction, the amount of packaging waste generated from non-hazardous waste will increase. Therefore, compared with 2019, the total amount of non-hazardous waste generated will increase significantly.

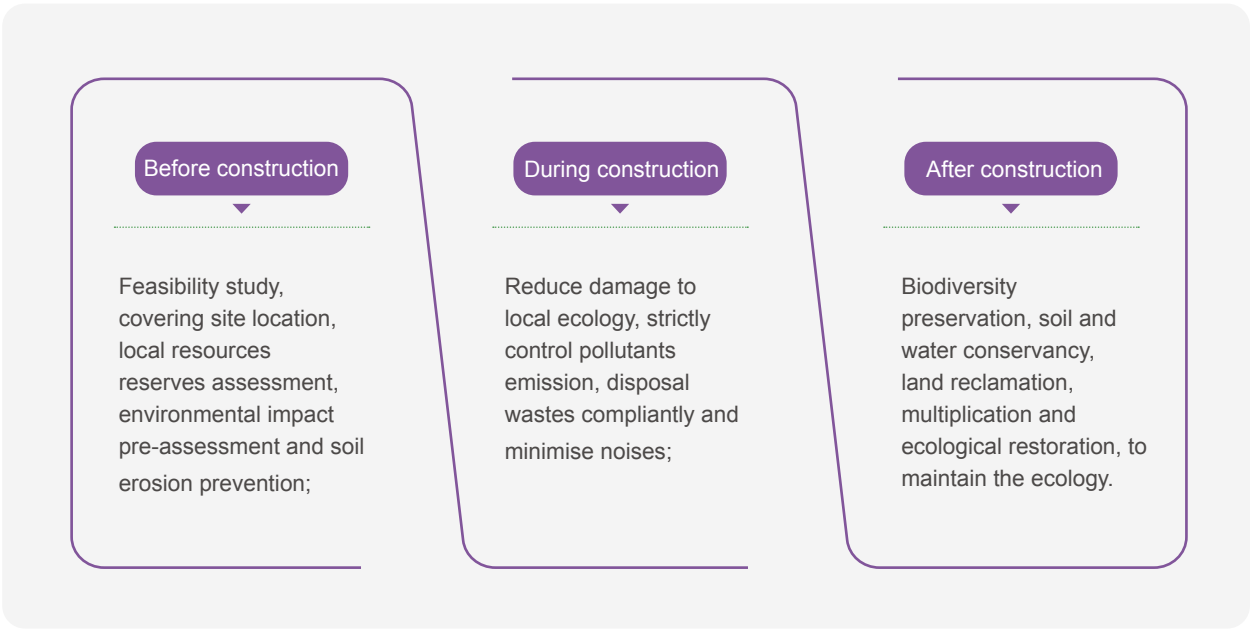
Suntien's harmful wastes mainly include used batteries, old appliances and waste oils. According to the internal management system, Suntien will uniformly store the hazardous waste generated in the hazardous waste room, entrust the disposal of used batteries and waste components to professional institutions, and realize 100% recycling and reuse of the waste oil generated in operation through its own oil filter. And entrust a third-party organization to conduct regular inspections. In 2020, no hazardous waste was produced during the year.

Non-hazardous Waste treatment and Intensity of Suntien from 2019 to 2020

Waste type	2019	2020
Non-hazardous waste (tons)	79.89	202.25
Intensity of non-hazardous waste (tons/RMB 10,000)	0.00007	0.00016

Ecological Preservation

Suntien follows the philosophy "Green mountains and clear water are equal to mountains of gold and silver", and strictly adheres to the "red line of ecological preservation" in production and operation. As a responsible green enterprise, Suntien complies with the *Notice on Regulating the Use of Forest Lands in Wind Farm Project Construction* issued by the National Forestry and Grassland Administration, to avoid damage and impact on forest vegetation, habitats, ecological environment and species diversity. In 2020, Suntien developed the *Regulations on Ecological Environmental Protection* to encourage environment-friendly technologies, improve corporate capabilities in ecological protection, further clarify the environmental supervisory responsibility, and ensure the effectuation of environmental protection.



Suntien strengthens the awareness of risk control and environmental protection, directing relevant workers to be ready for emergency responses to environmental protection. Before construction, the Company will make a per-assessment on emergency environmental impacts, and develop specific prevention and responses depending on the project reality, industrial features and regional landform. During long-term project management, the Company will continuously make annual environmental safety inspection, to effectively prevent emergency accident. In 2020, the Company was not subject to any punishment for environmental pollution or non-compliant emission.

In 2020, Suntien invested totally RMB30.38 million in environmental protection, mainly used in environmental protection and restoration of the additional land projects in 2020 and the wind farms built before 2019.

In 2020, the Company was not subject to any punishment for environmental pollution or non-compliant

0 case



The investment in environmental

protection was RMB 30.38 million



Case

Suntien Kechuang promotes oil collection reconstruction to help environmental protection

In 2020, Suntien Kechuang promoted the innovation of fan technologies, took harmful waste management into consideration in R&D products, and reduced oil/grease impacts to the ecosystem. One such way was to solve the issue of fan yaw caliper grease pollution in engine rooms. From the perspective of wind power operation and maintenance, the project designed a plan of custom oil collectors by measuring the inner dimensions of related fan models to reduce oil/grease pollution in the engine room, tower and the environment during the operation of the wind turbine.

Case

The Natural Gas segment promotes World Environment Day ("WED")

In June 2020, the Natural Gas segment promoted World Environment Day, calling for all employees to fully understand environmental protection knowledge, practise the ideology of "ecology = economy", and become real advocates, promoters and practitioners of environmental protection.

- Posted 128 posters to promote ecologic protection and to strengthen environmental protection publicity;
- Publicised the WED slogan and created a strong atmosphere of caring for nature and protecting the environment;
- Through WeChat groups, pushed employees to deepen expertise learning, improved understanding of environmental laws and regulations, enhanced workers awareness of environmental laws, and promoted environmental protection;
- The WED 2020 initiative was published in the corporate office system, clarifying the requirements for energy conservation and environmental protection, and increased employees' awareness of energy saving based on corporate reality.



World Environment Day poster





06. CONTRIBUTING TO SOCIAL DEVELOPMENT

Suntien maintains its identity as a corporate citizen by providing long-term attention to and support the development of its communities and even wider region, actively participates in targeted poverty alleviation and social welfare activities, fulfills its own corporate social responsibility, and contributes to the healthy development of society.



Targeted Poverty Alleviation

Suntien actively upholds the initiative of "in-depth precision poverty relief and targeted poverty alleviation", resolutely arranges and deploys for poverty alleviation, focuses on shortcomings, and follows the "unchanged responsibility, policy, help and supervision even after poverty relief", carries out key reliefs at the requirements of Hebei Province to promote local villagers' poverty alleviation and income increase. For example, in 2018 Leguo Village, Huangqi Town, Fengning Manchu Autonomous County of Hebei Province was lifted out of poverty in accordance with the poor village-poor villager criteria, and there is no remaining poor population.

There are 156 families (337 villagers) registered as poor in Leguo Village. In 2020, the Company sent Suntien's relief team to be stationed in Leguo village to prevent the return to poverty and increase of poor villagers, and relieve poverty scientifically by means of industrial help and pair support. During the pandemic, the Company set up a disease control team in Leguo Village. The stationing first chairman of the village acted as the team leader, directing the disease control jointly with village administrations promptly at the requirements of provincial communist committee and organisation department, helping poor villagers to obtain jobs, developed agricultural production, promoted agricultural products marketing, and early reopening and consolidating the outcomes of power relief.

In 2020, Suntien invested about RMB 248,952 in power relief, and assisted eight households in Leguo Village to lift anti-poverty monitoring and complete stable poverty alleviation through policies and measures such as industrial employment achieving the target of stable power eradication.



Targeted poverty relief actions

Industrial support

- Planted non-staple grains and the Company signed planting agreements in the form of "enterprise + villagers", which increased the income of 68 poor families in Leguo Village by RMB10,000 through consumption and governmental subsidies;
- Built greenhouses. By the end of 2020, 30 greenhouses were built to form a village-level planting industry park with county-level infrastructure. Upon completion and operation, the village increased income by RMB88,000 every year.

Pair support

- During holidays, Suntien supporters visited corresponding poor families, and delivered daily necessities;
- Carried out field survey, planted trees, discussed policies, solved problems, and paired supporters with poor villagers.

Cooperative support

- Share of cooperative profits. 42 poor families contributed to Helin Cooperative, and gained RMB600 per family per year, and 43 poor families participated in Xuyuan Livestock, and gained RMB600 dividend per family per year.
- Collaborative industry. 23 poor families driven by Huangqihuang industry increased their income by RMB850 per year, and 124 poor families driven by Dafengshou industry increased their annual income by RMB875.

Infrastructure support

- Coordinated village-level photovoltaic revenue. Set up 32 public welfare positions to cover poor families so that each poor family could obtain an annual salary of RMB6,840, and 59 physically incapable poor families have secured income growth through photovoltaic rewards.

Assurance support

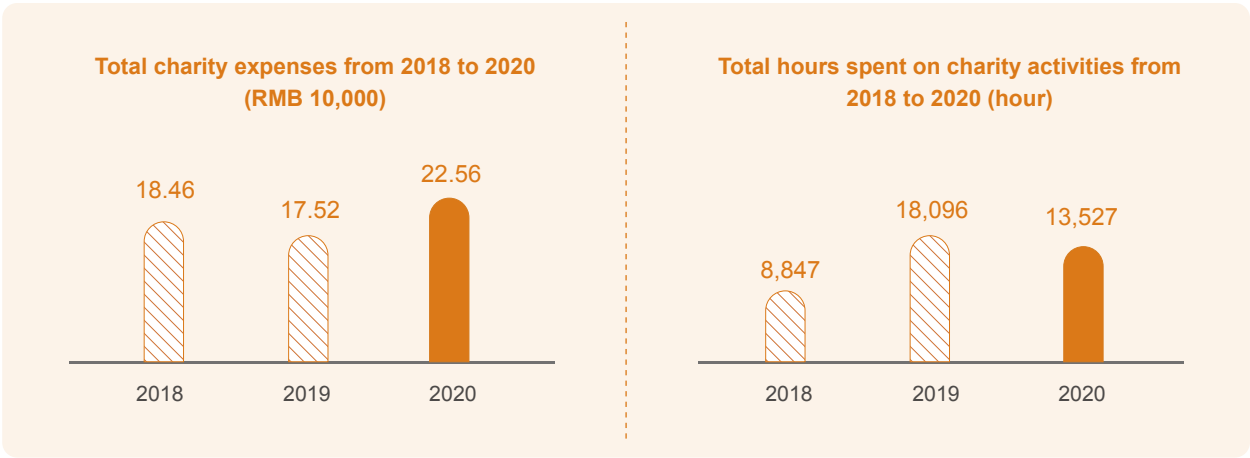
- Donated more than 1,000 clothes to the target villages



Donation in Fengning County

Social Welfare

Suntien adheres to the charity philosophy "doing from small to big" and contributes to society. Suntien performs its corporate social responsibilities by taking an active part in charity undertakings, and encourages employees to practise charity, visit and cares for single seniors, donate blood, etc. In 2020, Suntien volunteer service time exceeded 13,527 hours, charity donations amounted to RMB 225,600 yuan, social contribution value was RMB 1.01 per share. During disease control in Shijiazhuang City in 2021, Suntien sent 24 volunteers to help subdistrict offices and medical centres in disease screening and life supplies.



Case

HECIC New Energy Shanxi Branch visited single seniors

In October 2020, HECIC New Energy Shanxi Branch organised volunteers to visit Lingqiu County Glory Nursing Home, to take care of single seniors and disabled veterans. They sent festival gifts, listened to stories about the seniors life difficulties, cleaned their rooms and yards, and improved their living conditions.



HECIC New Energy Shanxi Branch volunteers visited single seniors

Case

The blood donation of Suntien volunteers

In May 2020, to alleviate the blood shortage during the pandemic, Suntien volunteers donated blood at Hebei Blood Centre. Employees who participated in the blood drive all said that ensuring blood supply during the pandemic was a small contribution to society.



Blood donation

Case

Offshore Wind Power fishery ecologic restoration (fry reproduction)

Offshore Wind Power for the sake of ecologic preservation carried out fishery ecologic restoration (fry reproduction and release) to maintain biodiversity and natural water fish restoration. In June 2020, Hebei Tangshan Putidao Offshore Wind Farm 300MW National Demonstrative Project was completed and all wind turbines were connected to the power grid. In July 2020, Offshore Wind Power carried out fishery ecological restoration work in accordance with the construction regulations of sea-related projects and the requirements of environmental assessment and acceptance. A total of RMB2.8 million was invested in the designated release waters for release of more than 2.5 million fry.



Offshore Wind Power restoring ecology at Tangshan Putidao Offshore Wind Farm

OUTLOOK FOR 2021

China put forward a carbon neutral plan in 2020, aiming to achieve peak carbon emission by 2030 and carbon neutrality by 2060. 2021 is the first year of the "14th Five-Year Plan", which is also significant for the implementation of carbon neutral plan. In this context, wind power, photovoltaic and natural gas as green clean energy, will continue to be the main strategic energy for a period of time. As a leading energy development and utilisation company in North China, Suntien will continuously focus on the demand of national energy reform, extend the resources and technical advantages based on its own development, actively layout the future strategic investment and development direction, and make contributions to the low-carbon and green construction of energy structure.

In terms of business development, Suntien will solidly promote the project construction, expand wind resources reserve, make long-term layout and planning of multi-source gas supply pattern, apply the technological innovative technologies, lead the enterprise development and boost the industry progress. In terms of corporate governance, Suntien will continue to promote the construction of ESG management system, formulate ESG management measures and special management system, determine the management functions of the Board of Directors and ESG at all levels, establish a unified and efficient ESG management mechanism, and promote Suntien to make steady progress on the path of high-quality development. In terms of daily operation, Suntien will strengthen the risk identification, prevention and control, carry out industrial collaboration, improve customer service level, ensure stable and safe supply of clean energy, continue to improve talent management system and talent training mechanism, constantly cultivate industry leaders and business talents, and exert greater social value.

In 2021, Suntien will seize the strategic opportunity of "carbon neutrality", promote the high-quality development of its business, drive the rapid development of regional renewable energy industry chain, and contribute to the low-carbon reform of national energy structure.



ESG INDICATOR INDEX

Indicator for disclosure		Page
Scope: Environmental		
A1: Emissions		
General Disclosure		P59, P62
A1.1	The types of emissions and respective emissions data.	P60, P62
A1.2	Greenhouse gas emissions in total (tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	P60
A1.3	Total hazardous waste produced (tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	P62
A1.4	Total non-hazardous waste produced (tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	P62
A1.5	Description of measures to mitigate emissions and results achieved.	P59-62
A1.6	Description of how hazardous and non-hazardous wastes are handled, reduction initiatives and results achieved.	P62
A2: Use of Resources		
General Disclosure		P59
A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility).	P60-61
A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).	P60
A2.3	Description of energy efficiency initiatives and results achieved.	P59-60, P62
A2.4	Description of whether there is any issues in sourcing water that is fit for purpose, water efficiency initiatives and results achieved.	P60
A2.5	Total packaging material used for finished products (tonnes) and, if applicable, with reference to per unit produced.	P60
A3: The Environment and Natural Resources		
General Disclosure		P63
A3.1	Description of significant impacts of activities on the environment and natural resources and the actions taken to manage them.	P63-64
Scope: Social		
Employment and Labour Practises		
B1: Employment		
General Disclosure		P49
B1.1	Total workforce by gender, employment type, age group and geographical region.	P50
B1.2	Employee turnover rate by gender, age group and geographical region.	P50-51
B2: Health and Safety		
General Disclosure		P27-28, P32
B2.1	Number and rate of work-related fatalities.	P27
B2.2	Lost days due to work injury.	P27
B2.3	Description of occupational health and safety measures adopted, how they are implemented and monitored.	P27-32

Indicator for disclosure		Page
B3: Development and Training		
General Disclosure		P51
B3.1	The percentage of employees trained by gender and employee category (e.g. senior management and middle management).	P51
B3.2	The average training hours completed per employee by gender and employee category.	P53
B4: Labour Standards		
General Disclosure		P49
B4.1	Description of measures to review employment practices to avoid child and forced labour.	P49
B4.2	Description of steps taken to eliminate such practises when discovered.	P49
Operating Practises		
B5: Supply Chain Management		
General Disclosure		P41
B5.1	Number of suppliers by geographical region.	P42
B5.2	Description of practises relating to engaging suppliers, number of suppliers where the practises are being implemented, and how they are implemented and monitored.	P41-42
B6: Product Responsibility		
General Disclosure		P33
B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	Not applicable
B6.2	Number of product and service-related complaints received and how they are dealt with.	P37-38
B6.3	Description of practises relating to observing and protecting intellectual property rights.	P42, P44
B6.4	Description of quality assurance process and recall procedures.	P33
B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored.	P34
B7: Anti-corruption		
General Disclosure		P08
B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.	P08
B7.2	Description of preventive measures and whistle-blowing procedures, how they are implemented and monitored.	P08
Community		
B8: Community Investment		
General Disclosure		P67, P69
B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture and sport).	P67-70
B8.2	Resources contributed (e.g. money or time) to the focus area.	P67, P69

GRI STANDARDS INDEX

Indicators		Pages
GRI 101		
2.1-2.7		
GRI 102		
102-1	Name of the organisation	P01
102-2	Activities, brands, products, and services	P05-06
102-3	Location of headquarters	P02
102-4	Location of operations	P05-06
102-5	Ownership and legal form	P07
102-6	Markets served	P05-06
102-7	Scale of the organisation	P05-06
102-8	Information on employees and other workers	P50-51
102-9	Supply chain	P41-42
102-10	Significant changes to the organisation and its supply chain	P05-06, P41-42
102-11	Precautionary Principle or approach	P07
102-12	External initiatives	P07, P17-24
102-13	Membership of associations	P45
102-14	Statement from senior decision-maker	P03-04
102-16	Values, principles, standards, and norms of behavior	P08-09
102-18	Governance structure	P07, P10
102-40	List of stakeholder groups	P11
102-41	Collective bargaining agreements	P49
102-42	Identifying and selecting stakeholders	P11-14
102-43	Approach to stakeholder engagement	P11-14
102-44	Key topics and concerns raised	P11-14
102-45	Entities included in the consolidated financial statements	P01

Indicators		Pages	
102-46	Defining report content and topic Boundaries	P01	
102-47	List of material topics	P12-14	
102-48	Restatements of information	None	
102-49	Changes in reporting	P01	
102-50	Reporting period	P01	
102-51	Date of most recent report	P01	
102-52	Reporting cycle	P01	
102-53	Contact point for questions regarding the report	P02	
102-54	Claims of reporting in accordance with the GRI Standards	P01	
102-55	GRI content index	P75-78	
102-56	External assurance	None	
Indicators		Pages	Omission
GRI 201: Economic Performance			
	Management Approach	P19, P23	None
201-1	Direct economic value generated and distributed	P20-21, P23	None
201-2	Financial implications and other risks and opportunities due to climate change	P17-18	None
GRI 203: Indirect Economic Impacts			
	Management Approach	P67	None
203-1	Infrastructure investments and services supported	P67-69	None
203-2	Significant indirect economic impacts	P67-69	None
GRI 204: Procurement Practices			
	Management Approach	P41-42	None
204-1	Proportion of spending on local suppliers	P41-42	None
GRI 205: Anti-corruption			
	Management Approach	P08	None
302-1	Energy consumption within the organization	P08	None
302-2	Energy consumption outside of the organization	P08	None

Indicators		Pages	Omission
205-3	Confirmed incidents of corruption and actions taken	P08	None
GRI 302: Energy			
	Management Approach	P59-62	None
302-1	Energy consumption within the organization	P59-62	None
302-2	Energy consumption outside of the organization	P59-62	None
302-3	Energy intensity	P59-62	None
302-4	Reduction of energy consumption	P59-62	None
302-5	Reduction in energy requirements of products and services	P59-62	None
GRI 304: Biodiversity			
	Management Approach	P63-64	None
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	P63-64	None
304-2	Significant impacts of activities, products, and services on biodiversity	P63-64	None
304-3	Habitats protected or restored	None	None
304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	None	None
GRI 305: Emissions			
	Management Approach	P59	None
305-1	Direct (Scope 1) GHG emissions	P60	None
305-2	Energy indirect (Scope 2) GHG emissions	P60	None
305-4	GHG emissions intensity	P61	None
305-6	Emissions of ozone-depleting substances (ODS)	None	None
305-7	Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions	None	None
GRI 306: Effluents and Waste			
	Management Approach	P62	None
306-1	Water discharge by quality and destination	None	Not applicable
306-2	Waste by type and disposal method	P62	None
306-3	Significant spills	P63	None
306-4	Transport of hazardous waste	P62	None

Indicators		Pages	Omission
306-5	Water bodies affected by water discharges and/or runoff	None	Not applicable
GRI 307: Environmental Compliance			
	Management Approach	P59, P62, P63	None
307-1	Non-compliance with environmental laws and regulations	P63	None
GRI 401: Employment			
	Management Approach	P49	None
401-1	New employee hires and employee turnover	P50-51	None
GRI 403: Occupational Health and Safety			
	Management Approach	P32	None
403-1	Workers representation in formal joint management-worker health and safety committees	P28	None
403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	P27	None
403-3	Workers with high incidence or high risk of diseases related to their occupation	P32	None
403-4	Health and safety topics covered in formal agreements with trade unions	None	None
GRI 404: Training and Education			
	Management Approach	P51-53	None
404-1	Average hours of training per year per employee	P53	None
404-2	Programs for upgrading employee skills and transition assistance programs	P51-54	None
GRI 405: Diversity and Equal Opportunity			
	Management Approach	P49	None
405-1	Diversity of governance bodies and employees	P49	None
GRI 413: Local Communities			
	Management Approach	P34-36, P63	None
413-2	Operations with significant actual and potential negative impacts on local communities	P34-36, P63	None
GRI 416: Customer Health and Safety			
	Management Approach	P34-36	None
416-1	Assessment of the health and safety impacts of product and service categories	None	Not applicable
416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	None	None

INFORMATION FEEDBACK

Dear readers,

Thank you for taking the time to read China Suntien Green Energy's 2020 Environmental, Social and Governance Report. We look forward to your feedback. Please send us your completed questionnaire by mail, e-mail after scanning, or by fax, or call us directly to offer your opinions.

Address: Block A, Yu Yuan Plaza, No. 9 Yuhua West Road, Shijiazhuang City, Hebei Province, PRC

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Email: esg@suntien.com

1. Which type of stakeholders is your institution in relation to Suntien?

☐ Shareholder ☐ Employee ☐ Supplier ☐ User ☐ Government ☐ Community ☐ Bank
☐ Academic institution ☐ Other (please specify)

2. Have you read the Environmental, Social and Governance Report of China Suntien Green Energy? (If your answer is no, please ignore items 3, 4 and 5)

☐ Yes ☐ No

3. If yes, did you read the print version or the electronic version?

☐ Print ☐ Electronic

4. Which version do you prefer?

☐ Print ☐ Electronic

5. Your evaluation of the 2020 ESG Report:

Readability (easy to understand, well designed, intriguing, easy to locate the information required)

☐ 3 points (good) ☐ 2 points (mediocre) ☐ 1 point (poor)

Credibility (whether the information in the report is true and reliable)

☐ 3 points (good) ☐ 2 points (mediocre) ☐ 1 point (poor)

Information integrity (taking into account both positive and negative aspects of performance, whether it meets your information needs)

☐ 3 points (good) ☐ 2 points (mediocre) ☐ 1 point (poor)

In addition to the disclosures already made in the report, what else would you like to see?

The reporting team of the 2020 ESG Report of China Suntien Green Energy

March 2021



新天绿色能源股份有限公司
China Suntien Green Energy Corporation Limited