

Yunnan Energy New Material Co., Ltd.  
2020 Environment, Social and Governance Report



IV. Achieving prosperity.....	38
5.1 Product responsibility.....	38
5.1.1 Quality management in pursuit of excellence .....	38
5.1.2 Providing optimised services in a timely manner .....	40
5.1.3 Focusing on innovation to protect property rights .....	41
5.2 Supply chain sustainability.....	42
5.2.1 Prudently selecting suppliers to ensure stable supplies.....	42
5.2.2 Conducting centralised procurement to drive cost effectiveness and efficiency.....	43
5.3 Charity and community participation .....	44
5.3.1 Caring for public welfare and giving back to the society.....	44
5.3.2 Facilitate epidemic prevention and act timely .....	45
Appendix.....	47
Industry Association.....	47
Awards .....	47
Index.....	49
Glossary of terms .....	50
Feedback .....	51

## About this report

### Glossary of the report

Yunnan Energy New Material Co., Ltd. (for better presentation and readability, Company together with its subsidiaries), presenting the management practice and performance in the aspects of environment, social and governance in 2020 .

### Reporting period

This report is an annual report for the period from 1 January to 31 December 2020 an ESG report, to make it a complete report, some of the information presented herein is relevant to facts before the referred period.

### Organisational structure

The organisational structure that is relevant to this report includes entities within Yunnan Energy New Material Co., Ltd. that either control or significantly influence the applicable finance and business policies and measures. The report did not address

Energy New Material Co., Ltd. did the acquisition in December 2020, a time point ver practices in our social responsibility report for the next annual period.

### Data of the report

Data and cases presented herein were extracted from the internal documents, reports and other documentation that keeps track of the progress in satisfying performance obligations of the Group and its subsidiaries.

### Assurance for reliability of the report

The Group guarantees that the report is free of false or misleading statements.

### Key reporting metrics used, including:

- 
- The Corporate Social Responsibility Reporting Guidelines released by the
- 
- Companies; and
-

### **Access to and feedback on the report**

This report is available on Yunnan Energy New Material Co., Ltd. <http://www.cxxcl.cn/> and published in both Chinese and English languages. Where the English content conflicts with the Chinese content, the Chinese one shall prevail. Please share via email ([groupheadquarter@cxxcl.cn](mailto:groupheadquarter@cxxcl.cn)) your thoughts and suggestion on our ESG Report or our environment and social responsibility performance.

## Message from the Chairman and General manager

The COVID-19 pandemic spread around the world in 2020. During this extraordinary year, we worked together to fight against the pandemic, and we took prevention and control measures to ensure the resumption of work and production and prevent the pandemic from recurring. It has been a difficult journey. In navigating the pandemic, the question of how to stay resilient and competitive has become more pressing than ever before. To address this issue, we need to deliver a solid performance on a daily basis, develop agile response capabilities, and engage with our communities in a timely manner, among other tasks.

In 1996, 25 years ago, we decided to return to China to start a business. However, it was not until 2006 that Yunnan Energy New Material was founded. In 2020, almost a decade and a half later, we launched our first overseas production facility. In the beginning, we started out manufacturing cigarette labels and packages in Yunnan. A quarter century later, we have been able to successfully seize other market opportunities, and step by step we have built and operate a network of lithium battery isolation film plants that spans Shanghai, Jiangsu, Jiangxi, Guangdong and Chongqing. Throughout our history, we have focused on delivering a solid performance on a daily basis, developing agile response capabilities, and engaging with our communities across all aspects of our business.

For an enterprise to stay relevant in the long run, it needs to focus on the needs of society and use forward-looking thinking to make wise investments. To this end, we

quality of life. We manufacture high-quality packages that allow people to rest assured that their food and beverages are fresh and clean. In the lithium battery isolation film sector, we have focused on research and development activities and other measures to improve our manufacturing and management processes; and at the same time, we have conducted business acquisitions and consolidation as appropriate to expand our business. As a result of these endeavours, we now hold

are able to make a significant cleaner and develop the electric vehicle industry. In addition, we have adopted an employee-focused management approach. Starting with our first factory, we have ensured that every factory we build is accompanied by a high-quality employee dormitory and canteen. At more recently built factories, we have also provided sports and recreational facilities. When we acquired factories that did not have these facilities, we undertook renovation and expansion projects to add the relevant

have a convenient place to rest and refresh themselves.

While pursuing rapid business expansion, we have continued to improve our understanding and management of ESG practices. In the face of ever-changing environmental and social risks, we have resolutely promoted a sustainable development strategy, and we consider clean waterways and mountains to be as precious as gold. Our efforts in this regard have echoed the call of President Xi

Jinping, who, during inspection tours of Yunnan in 2014 and early 2020, emphasised that the beautiful environment in Yunnan is a great treasure, not only for the province but also for the country as a whole. During these tours, President Xi explicitly said that ecological conservation should be promoted, and he encouraged Yunnan to be the frontrunner in promoting ecological conservation and eco-friendly manufacturing. We have seized this strategic opportunity and taken responsibility for promoting green development. In fact, when the Group was founded, we made it a key element of our production and management philosophy to minimise energy and resource consumption and the negative impact of our operations on the environment while maximising recycling. Furthermore, we have emphasised the importance of our

demand, purchase high-quality raw materials from reliable suppliers, and embed environmental awareness in our R&D and design activities to promote green development.

While achieving higher revenue and better operating efficiency, we have continued to make progress in managing our ESG practices. In this regard, we implemented a group-wide talent management policy to eliminate any prejudice with respect to where employees are from and to make our resource and talent allocation more efficient. In addition, we have provided our employees with competitive compensation packages and the best opportunities possible for career development to retain our talent. We have also launched initiatives that benefit our communities, including regular clothing donation campaigns, as well as fund donation drives during the COVID-19 pandemic and other emergencies. In this way, we have assumed our social responsibility and worked together with our local communities through challenging times.

To meet the challenges of the new era, we will chart a new path forward and work to achieve new progress. In recent years, our business and workforce have grown, and

become more diversified. For this reason, we have decided to prepare the

focus on environmental and social aspects and conduct ESG practices in response

ordinate our efforts to encourage innovative green development while improving our resilience and competitiveness. At the same time, we will work to promote environmental, social

Paul Xiaoming Lee  
Chairman of the Board  
17 March 2021

## General Manager message

2020 was an extraordinary year. At the beginning of the year, the COVID-19 pandemic suddenly changed everyone's life. *During an epidemic, orders need to be followed. In order to prevent and control the epidemic, we have to take responsibility.* This was the COVID-19 battle slogan put forward by President Xi Jinping. The epidemic prevention situation is complex and severe, and the prevention and control work is urgent. During these trying times, we have witnessed the courage of millions of compatriots who have worked together to combat the pandemic. Under these challenging circumstances, the Group formulated an epidemic prevention and control work plan and emergency plan for the first time, implemented the prevention and control measures, resumed work and production in an orderly manner, closely monitored employee trends, and provided help for employees who were experiencing difficulties during the epidemic period. At the same time, we also actively took measures to shoulder the responsibilities of corporate citizenship and promote the -epidemic efforts. In the early 232(w)40 0 1 150 0 1 902 0 1 15.2(f)-50041,0 0 1 to, €

driving force that enables the Group to maintain its leading position. For this reason, we have strictly implemented the intellectual property management system and required intellectual property feasibility studies to be conducted for all of the respect to invention patents. In addition, in order to improve the capabilities of the developed by the Intellectual Property Department. These courses have helped the el become more well-rounded and gain a better understanding of issues related to both R&D and patent protection. At present, we have achieved et developments from the perspective of intellectual property rights, and actively promote cooperation between the Intellectual Property Department and the Research Institute.

In terms of environmental management, we are committed to building factories that are modern and green. To this end, we have established a strict sewage and waste discharge management system, and we have equipped each factory with a sewage treatment station. In addition, regular and irregular sampling is conducted both internally and externally to ensure the standard discharge of wastewater and waste gas. We strictly implement the local waste classification system at our factories and actively publicise information regarding waste classification. In this way, we are working to ensure that the classification of harmless waste is accurate and contribute warehouses, and we are actively deploying technology to reduce hazardous waste emissions.

This year marks the first time that Enjie has disclosed its ESG report. We have provided this report to present information about the Group's ESG practices to domestic and foreign investors so that they can have a better understanding of the Group. In the future, we will face challenges stemming from the continuous improvement of regulatory requirements for environmental protection, but at the same time we think our industry we will see opportunities brought about by climate change. Going forward, we will continue to enhance and improve our sustainable development efforts and strive to make greater contributions to our communities, society and the natural environment.

Li Xiaohua  
General Manager  
17 March 2021

# I. About the Group

## 1.1 Group overview

Yunnan Energy New Material Co., Ltd. was established on 5 April 2006, with its headquarters located at No.125 Fuxian Road, High-tech zone, Yuxi City, Yunnan Province. As of the reporting period end, the Group had six second-tier subsidiaries. Among them, Yunnan Hongta Plast

Chuangxin New Material (Hong Kong) Co., Ltd., and Wuxi Energy Trading Co., Ltd. were wholly-owned. The other two, namely Shanghai Energy New Material

*Guidelines on Industry  
Classification of Listed Companies (Revised in 2012)*

Shanghai, Yunnan, Sichuan, Chongqing, Jiangsu, Jiangxi and Guangdong. In addition, we launched our first overseas factory project in Debrecen, Hungary in November 2020. The move was part of our effort to further go global and enhance our impact world-wide by expanding the overseas market for our wet-process lithium battery isolation film product. As of the reporting period end, our factory in Hungary was under construction.

billion, and the total number of employees reached 5,040.

## 1.2 Vision, mission and core values

Our mission is to pursue excellence and become a national brand with global recognition. We are committed to using technological innovation and a refined management approach to provide our customers with high-quality products and services. By following this path, we aim to become a global leader in the new materials market.

Our core values are integrity, perseverance and diligence, and the pursuit of excellence.

polymer materia -class R&D centre and manufacturer in the new -class

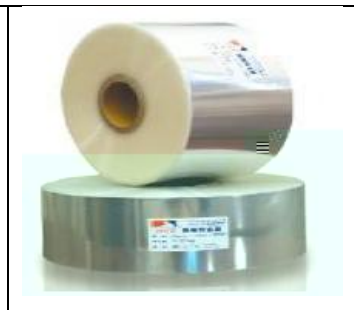
## 1.3 Main products

As of the reporting period end, the Group had three key product types as follows:

- Film products, which include lithium battery isolation film (base film and coating film) and BOPP film (smoke film and ordinary flat film) products as follows:
- Lithium battery isolation film, which is mainly produced by Shanghai Energy and its subsidiaries and used for lithium batteries in new-energy vehicles and high-end digital products. Major global customers include LG

Chemical Ltd., Samsung SDI and Panasonic. Major domestic customers include Ningde New Energy Technology Co., Ltd., Universal A 123 System Co., Ltd., Hefei Guoxuan High-Tech Power Energy Co., Ltd., BYD Company Ltd., Funeng (Ganzhou) Co., Ltd., Tianjin Lishen Battery Co., Ltd. and other new energy industry leading companies.

- BOPP film, a biaxially oriented polypropylene film which has good heat-seal, shrinkage, optical and barrier performances and a high-grade fitting effect. When processed by a special technology, BOPP film can have thinning, ultra-low haze, anti-fog, antibacterial, anti-counterfeiting and other special functions. BOPP film is produced by Hongta Plastics and its subsidiaries. Smoke film is widely used in the cigarette industry, whereas ordinary flat film is widely used in printing, food, cosmetics and other industries; and

		
Lithium battery isolation film	Smoke film	Ordinary flat film

- Packaging and printing products, which include cigarette label and aseptic packaging products as follows:
  - Tobacco label products used for cigarettes, and major customers include China Tobacco (Yunnan), China Tobacco (Sichuan) and China Tobacco (Chongqing). Our tobacco label products are widely used in Marble, Yuxi, Hongta Mountain, Honghe, Yunyan, Ziyun, Longfengchengxiang and other well-known domestic cigarette brands; and
  - produced by Hongchuang Packaging for the packaging of milk and beverage. Major customers include Inner Mongolia Yili Industrial Group Co., Ltd., Inner Mongolia Mengniu Dairy (Group) Co., Ltd., Bright Dairy & Food Co., Ltd. (new customer in 2020), Nanjing Weigang Dairy Co., Ltd. (new customer in 2020), Beijing Sanyuan Foods Co., Ltd., Shenzhen Dongpeng Jiexun Supply Chain Management Co., Ltd., Dali Foods Group Co., Ltd., Heilongjiang Wandashan Sunshine Dairy Co., Ltd., Yunnan Ouya Dairy Products Co., Ltd., Yunnan Huangshi Laisier Dairy Co., Ltd. and other well-known enterprises.

Tobacco labels	Aseptic packaging boxes

- Paper products which are produced by Dexin Paper mainly include speciality paper products (e.g. laser transfer anti-counterfeiting paper, direct plating paper and coated paper products), holographic anti-counterfeiting anodised aluminium, transfer film and other products.
  - Laser transfer anti-counterfeiting paper, a laser transfer paper product which uses special or customised laser patterns. Laser transfer anti-counterfeiting paper is a metallised paper product with a metal texture and laser anti-counterfeiting effect, and it is made by copying the rainbow laser and anti-counterfeiting effect on the coating layer and then plating, laminating and peeling. The product is widely used in cigarette labels, cosmetic boxes, toothpaste boxes, pill boxes, etc.;
  - Aluminised paper, an aluminium plated paper product made by the direct plating method. It is a speciality paper product manufactured by aluminising directly on the coated surface of paper in vacuum, and is mainly used as inner liners for cigarette labels and as packaging papers for chocolates, chewing gums and other foods; and
  - Coated paper, a speciality paper product with a special effect and function and suitable for printing. It is made by either applying a specific coating directly on the paper or adding a coating via PET film coating and paper-

## II Governance principles

### 2.1 Corporate governance

#### 2.1.1 General approach

Decent corporate governance mechanism, conducive to the enhancement of corporate as well as the management and all functional department of which the general manager is responsible for have clear duties and responsibilities with high

for the Company to realize sustainable development. The Group has constantly optimized its corporate governance system and constantly improved its management level during the long-term corporate governance practice. General meetings, the Board and its special committees, the Supervisory Committee.

#### 2.1.2 Disclosures

The Group followed their duties pursuant to *the Company Law of the People's Republic of China, Securities Law of the People's Republic of China ,the Articles of Association , Guiding Opinions on Establishing Independent Director System for Listed Companies*, as well as relevant provisions such as *Shenzhen Stock Exchange Listing Rules* and the other regulations of the Company. In 2020, the department of business affairs in debentures are response for works on disclosures the information, obedience to the idea of insisting reality, accurate, complete, duly, compliance, announcements and journals. In 2020, according to the requirements of the Law of A stocks disclosures, the Company finished the periodic reports and temporary reports, especially the big and urgent events that shareholders and investors care about, make sure that the investors could duly, fairly, equally, accurately, fully understand the conditions that the Company faced. In 2020, 228 pieces of reports have been disclosure within the whole year.

In order to satisfy the promptness of information disclosure of business affairs in debentures sets staff who specialized in the communication and reports on information disclosures within all subsidiary corporations, made an internal platform for communicating the information disclosures. In addition, the Group irregularly carry out relevant training for the staff who are the board of directors and responsible for information disclosure in subsidiaries, so as to improve the professional capabilities of practitioners and ensure the accuracy, timeliness and compliance of information disclosure.

#### 2.1.3 Investor relations

In 2020, the Group will continue to concentrate and commit to improving investor relations management. We strictly follow by the *Company Law of the People's Republic of China, S* , the *Articles of Association , Guiding Opinions on Establishing Independent Director System for Listed Companies* and other related laws and regulations, in the management of investor relations, follows the " full disclosure information, compliance to disclose information, investors equal opportunity, honest and trustworthy, efficient, low consumption and interactive communication " and such basic principles, such as thinking from the interests of small and medium-sized investors, in daily work and the implementation of major projects, take effective and convenient measurements,

strengthen the effective and comprehensive communication between shareholders and investors, avoid selective disclosure, ensure the equality between middle and small scale stakeholders and the rights to equality received the information.

The Group keeps communication with institution and individual investors via email, telephone, CNINFO, onsite visiting and online reception, including 112 Q&A via CNINFO, and continues to publish the latest business information through the official WeChat timely, enriching the channels to obtain information for medium and small investors.

## 2.2 ESG governance

### 2.2.1 ESG governance structure

The Group has established a top-down ESG governance structure, where the Board is responsible for supervising the environmental and social aspects of the Group, including risk assessment, risk prioritizing and management, overseeing and nce with respect to environmental and social fields, so as to guide the sustainable development direction and path of the Group. The Group also established an ESG working team, which is led by high-ranking managerial personnel and includes intermediate level managers. The working team consists of core representatives from all regular management divisions of the Group, including the Securities Department, Operating Center, Supply Chain Management Center, Product Department, Legal Department, Intellectual Property Department, Human Resources Department and Finance Department, covering major relevant departments in daily management process of the Group. The working team reports to the Board on a regular basis for recommendations and advice and is responsible for communicating and implementing the strategies, measures and feedback of the Group on issues related to ESG, which is an indispensable execution party for the sustainable development of the Group.

### 2.2.2 Communication with stakeholders

keholders mainly include the employees, suppliers, customers, shareholders, investors, government, and the communities where the Group operates. The Group believes that listening to and understanding the opinions of stakeholders will provide a solid foundation for the long-term development of the Group. In this regard, the Group actively explores various channels to maintain good

development and operational policies, and to provide more opportunities for them to put forward suggestions so that the Group can provide them with timely and effective feedback regarding their concerns. In this way, the Group ensures that it is cooperating and working alongside stakeholders to achieve mutual benefits.

<b>Stakeholders</b>	<b>Expectations and needs</b>	<b>Communication and feedback</b>
Government	Compliance with disciplines and laws Employment provision Payment of taxes pursuant to laws Driving the development of local economy	Strengthening operation management in compliance with regulations Hiring local staff and promoting local employment Accepting supervision and assessment Carrying out strategic cooperation
Shareholders	Stable operation Sustainable development Earnings and returns Unimpeded information flow	Improving competitiveness and profitability Protecting the ecological environment, fulfilling social responsibilities Insisting on a high proportion of cash dividend, carrying out share repurchases Information disclosure in a timely manner, strengthening investor relationship and treating small and medium shareholders equally
Customers	Performance of contracts in good faith Quality assurance Premium services	Guaranteeing stability of product Guaranteeing stability and quality of product supply Strengthening the management of product quality, and optimizing product structure Carrying out satisfaction survey
Staff	Wages and welfare Employee rights protection Career development Health and safety Humanitarian care	Protection of rights and interests, medical insurance, enterprise annuity Trade union organization, election of staff directors and staff supervisors Education and training, career development platform Fight with the epidemic and elimination of occupational diseases Caring for staff, and the set up of complaint feedback mailbox
Environment	Coping with climate change Water resources Pollution prevention and treatment Energy saving and emissions reduction	Correlation analysis of climate change and corporate business Water resources protection, comprehensive utilization of sewage and wastewater Carrying out pollution control Technological innovation, energy saving and consumption reduction
Partners	Business ethics	Good faith execution of contracts

	Transparent procurement Mutual benefit and win-win cooperation	Open procurement, e-procurement Business exchange and cooperation, symposium
Community	Community development Public welfare activities Jobs creation	Community activities, visits and exchanges, respect for cultural traditions Donations and voluntary services Skills training, local employment and procurement
Creditors	High solvency Due repayment of debts and interest Mutual trust and cooperation	Due repayments Better communication and liaison Win

Good health and well-being	
 <p>Gender equality</p>	Employment and employee benefits
 <p>Clean water and sanitation</p>	Resource utilisation
 <p>Affordable and clean energy</p>	Product responsibility
 <p>Decent work and economic growth</p>	Employment and employee benefits Staff training and development
 <p>Industry, innovation and infrastructure</p>	Occupational safety and health
 <p>Sustainable cities and communities</p>	Public welfare and community engagement
 <p>Responsible consumption and production</p>	Product responsibility Supply chain sustainability
 <p>Climate action</p>	Addressing climate change
 <p>Partnerships for the goals</p>	Supply chain sustainability

### 2.3 Compliance with regulations for clean and ethical operations

engaging in other misconduct that harms the interest or reputation of the Group during a business activity will seriously disrupt the normal order and become a

-Unfair

We have put in place a whistle-blowing mechanism and the related implementation measures. Currently, Paul Xiaoming Lee, Chairman of the Group and Mr. Li Xiaohua, Vice-chairman and General manager of the Group directly receive clues or other complaint details. We have opened an email [jianju@poly-energy.com](mailto:jianju@poly-energy.com) to receive concerns from external suppliers. For every and each complaint or concern received, the Department of Legal Affairs and the Operational Management Centre of the Group will kick off a joint internal investigation to identify the root causes and senior management makes the decision. This is to ensure that all instances of failure to enforce internal rules impartially or actions that violate laws or regulations are reported and addressed efficiently. Any letters, proofs or documentation regarding the complaint or concern under investigation must not go to the unit or individual

### III. Taking care of the planet

Compliance with environmental protection laws and regulations is a basic requirement for enterprises to fulfill their social responsibilities; active involvement in green environmental protection is the primary task of enterprises to fulfill their environmental social responsibilities now and in the future. Adhering to an attitude of being responsible to society and the environment, the Group is well aware of the environmental protection responsibilities that must be undertaken as a corporate citizen. In the daily operation and development process, we continue to emphasize the importance of environmental protection, actively implement the green and low-carbon development strategy, minimize the negative impact of business development on the environment, and at the same time exert a positive impact.

#### 3.1 Resource utilisation

**Yunnan Energy** attaches great importance to the economical use of natural resources and strictly observes the *Environmental Protection Law of the People's Republic of China*, *Environmental Impact Assessment Law of the People's Republic of China*, *Water Law of the People's Republic of China*, *Energy Conservation Law of the People's Republic of China* and other laws and regulations, so as to build a resource-saving and environment-friendly enterprise, and strive to achieve the coordinated and sustainable development of people, resources and the environment.

Some of our businesses, such as the design, production and sales of BOPP (biaxially oriented polypropylene) plastic film, have obtained ISO14001:2015 environmental management system certification, ISO50001:2018 energy management system certification and ISO10012:2003 measurement management system certification. Each company has established an EHS (Environment, Health and Safety) department whose main responsibility is to supervise and evaluate, including setting annual safety accident prevention indicators, emission indicators, etc. The EHS department sets annual targets for the above indicators and distributes them to each factory. The factory is then allocated to various departments or production lines. For factories that have not completed the target, the Group will guide the rectification work, which specifically includes rewards and punishments such as system improvement, hardware investment and linking to year-end rewards.

We place resource conservation at a key position in our development strategy and operation methods, continuously improve the management system in terms of energy consumption management, optimize energy-saving measures, and are committed to continuous monitoring and continuous improvement of our energy resource efficiency performance.

In the production process, the Group uses electric energy and natural gas as the main energy sources, and sets specific targets for the consumption of electric energy and natural gas each year, and each production facility is equipped with water meters, electricity meters, and natural gas meters. Since the factory is order-based production, reducing energy consumption density is mainly achieved through scientific production scheduling, time optimization, and improvement of equipment production efficiency.

In production, the consumption of water resources is mainly in the heat exchange inside the equipment, no special treatment is required, and it is generally directly recycled.

Energy and Resource Consumption in 2020

<b>Index</b>	<b>Unit</b>	<b>Consumption in 2020</b>
<b>Energy</b>		
Production electricity	kilowatts per hour	495,482,755.3
Domestic electricity		

### **Exhaust emissions**

The exhaust gas emissions produced by the Group mainly include greenhouse gas emissions, VOCs (volatile organic compounds) emissions, and ozone emissions. Among them, VOCs are mainly derived from workshop waste gas. . On the one hand, we continue to invest in exhaust gas recovery and treatment equipment to reduce emissions. For example, Zhuhai Energy invested in 6 sets of methylene chloride exhaust gas recovery and treatment equipment in 2020; On the other hand, we have installed monitoring equipment in the workshop. Once the concentration exceeds the preset concentration, an alarm will be issued to remind employees to evacuate. In 2020, the VOCs exhaust gas online monitoring system has been put into operation in Wuxi Energy, and the emission concentration will be monitored in a timely manner.

### **Waste water disposal**

The plant areas of the Group are equipped with domestic sewage treatment equipment. For example, there is a sewage treatment station in the Shanghai plant, and the wastewater is discharged to the municipal pipe network after primary precipitation, secondary precipitation, and filtration treatment. We conduct stricon

The Group is actively carrying out technological innovations to reduce hazardous waste emissions. We have replaced lipid inks with alcohol-based inks, and plan to further replace lipid inks with water-based inks in feasible usage scenarios. The factories strictly follow the waste classification and disposal regulations, and separate the kitchen waste generated in the canteen for dumping. At the same time, garbage classification instructions will be posted on the publicity boards in the workplace to help employees understand the waste classification method more clearly.

During the reporting pe  
RMB 31.64 million, including the investment in environmental protection equipment. For example, Jiangxi Tongrui invested in a rotary regenerative combustion furnace as a gas recovery device. Through the combustion and oxidation treatment of organic solvent gases discharged from production equipment, the heat generated is returned to the production equipment for use. The VOC treatment efficiency is over 99.5%, which not only reduces emissions, but also reduces energy consumption.

During the reporting period, the Group did not violate laws and regulations in terms of exhaust gas, wastewater and waste discharge.

Pollutant emissions in 2020

<b>Index</b>	<b>Unit</b>	<b>2020 emissions</b>
<b>Exhaust gas and greenhouse gas</b>		
Sulphur dioxide	kilograms	8,977.16
Nitrogen oxides	kilograms	88,078.54
Particulate matters	kilograms	11,847.62

Total volume of



research, and strive to develop and promote Green and low-carbon products and services lay the foundation for enterprises to further expand and become stronger, and make due contributions to the energy conservation and emission reduction of the whole society.



As of the reporting end, the Group had 5,040 employees, all signed labor contracts directly with the Group, neither part-time workers and nor outsourced workers. Employees by education background as follows:

	Headcount	Percentage
<b>Doctor and above</b>	8	0.2%
<b>Master</b>	77	1.5%
<b>Bachelor</b>	538	10.7%
<b>College</b>	1,124	22.3%
<b>Technical secondary school and below</b>	3,293	65.3%

Employees by position type as follows:

	Headcount	Percentage
<b>Production</b>	3,984	79.0%
<b>Sales</b>	94	1.9%
<b>Technique</b>	369	7.3%
<b>Finance</b>	86	1.7%
<b>Administrative</b>	507	10.1%

#### 4.1.2 Expanding recruitment channels to cultivate talent

Having a talent pipeline that provides a stable inflow of high-quality talent can drive sustainable development.

##### Talent selection and recruitment

-line workers and high-end  
-line

talent pool, including:

- We launch campus recruiting events in search of talent. In recent years, we have made it to East China University of Science and Technology, Donghua University, University of Shanghai for Science and Technology, Shanghai Second Polytechnic University, Shanghai Dianji University, Shanghai University of Applied Sciences, Wuhan University of Technology, etc. We have established a training base in partnership with Donghua University and

establishment of the training base, we, in addition to recruiting talent, also aim to cultivate talent by providing opportunities for prospective graduates to practise what they have learned in the classroom; and

- We have established an internal recommendation mechanism. This is to promote the Group as an employer brand that offers competitive compensation packages, convenient housing facilities and best career development opportunities, and encourage employees to recommend eligible candidates. Once the candidates they recommend are successfully hired, they will be rewarded with cash.

During the reporting period, the Group recruited a total of 3,100 employees, including 62 new graduates.

For the recruitment of high-end talent, we attract professionals that have extensive industry experience and expertise with very competitive compensation packages and the prospect to hold important posts, such as COO, CFO and CIO, that are responsible for leading us through the journey of achieving further growth in the future.

### **Talent retention and incentive mechanisms**

We provide our employees with competitive compensation packages and the best opportunities possible for career development to retain our talent.

To demonstrate our position in the industry, maintain and further expand our competitive strengths, we review and evaluate remuneration packages based on the value of positions, adopt a leading compensation strategy and put in place a sound compensation system (which includes 20 grades, each having 7 classes, across 5 categories, namely management, production, technology, R&D, functions). These measures have provided a solid foundation for acquiring, retaining and motivating our workforce while enabling us to maintain marketplace competitiveness and internal fairness.

We have implemented an equity-based incentive plan for eligible employees, as part of our effort to allow more employees who contribute greatly to the development of the Group to share the fruits of our growth and encourage them to keep up their efforts.

pproach by

a customised development plan for key personnel in key positions, taking into planning. The move aims to cultivate core employees by providing the best career development opportunities possible and encouraging supervisor support and backup talent pool

as we are fully aware that the need to put in place better management measures has never been more pressing due to the COVID-19 outbreak.

#### **4.1.3 Providing employee assistance**

##### **Care for employees**

-being and engagement, and encouraging employees to provide feedback and offer suggestions.

We care for and respect our employees and implement a mentor-mentee programme group-wide to help new recruits adapt to the new environment. We encourage team leaders and supervisors to communicate more with their team members to promote harmony in the team. Team members can raise their concerns about the way their supervisors manage the team to the human resources department locally, which will investigate into and follow up on the issue.

In addition

-oriented subsidiaries are accompanied with a high-quality employee dormitory, canteen and other housing facilities. At more recently built factories in Jiangxi and Zhuhai, we have also provided sports and recreational facilities (e.g. basketball courts and activity rooms). When we acquire factories that do not have these facilities, we undertake renovation and expansion projects to add the housing facilities and ensure that they have a convenient place to rest and refresh themselves.

### Employee engagement activities

Appropriate employee engagement activities can help ease the pressure from fast-paced work. To the Spring Festival holidays, we organise a year-end party, tea parties and other activities at each member entity based on their work schedules.



### Supporting employees in need

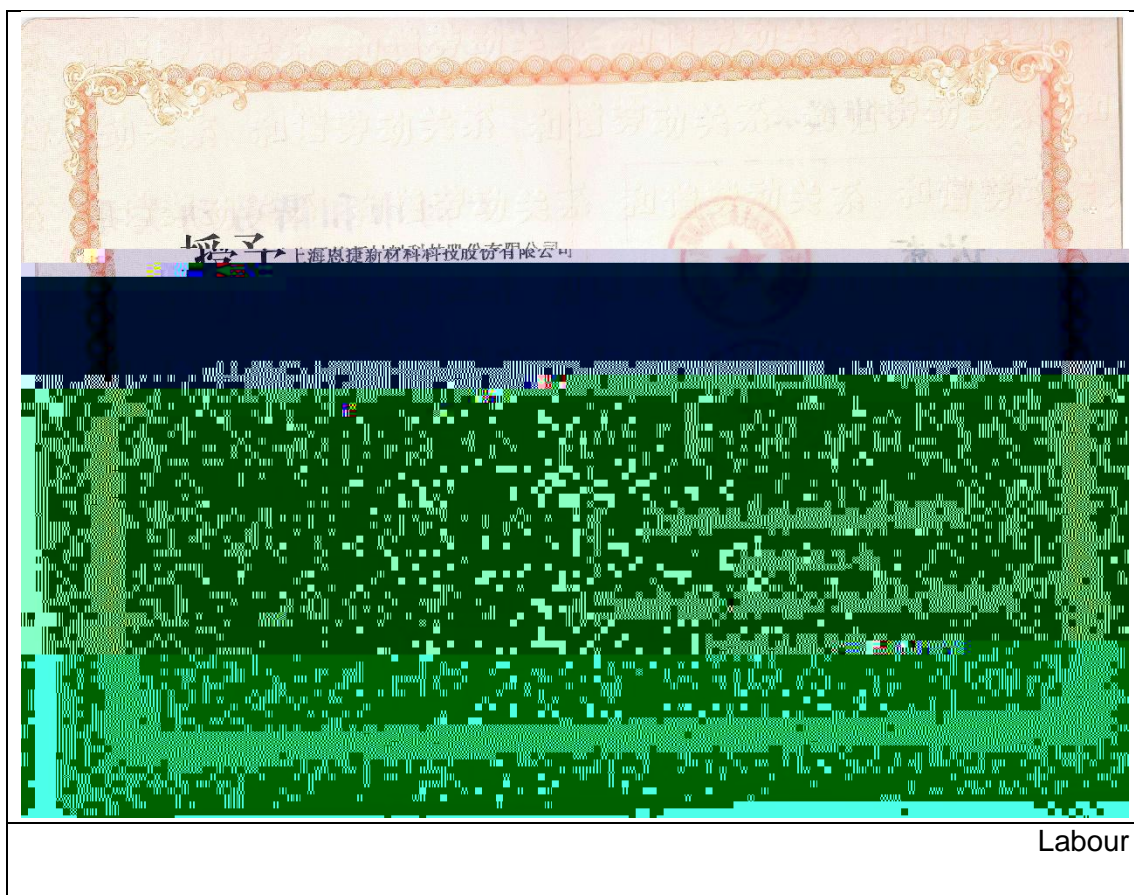
We care for our employees and readily help employees in need to promote a warm and harmonious work environment.

Every year, the senior management of the Group visits individual employees in difficulties on behalf of the Group to send holiday greetings and gifts to them during the Spring Festival holiday. To show our love and care, we have put in place relief funds and fundraising plans in case employees or their families suffer major illnesses and need financial support. In 2020, such relief funds were used to help an employee

in Yunnan Energy who was seriously injured in a car accident and an employee in Zhuhai Energy who was diagnosed with leukaemia. We provided the employees with timely support.

We firmly believe that a warm and harmonious work environment lays the foundation for long-term growth of the Group as a whole.

Principal Bureau of Human Resources and Social Security and the Shanghai Federation of Trade Unions. This will encourage continuous investment in programmes to address employee needs.



## 4.2 Staff training and development

### 4.2.1 Systematic training programmes

Innovation is the driving force for enterprise development and talents are directors of technological innovation. We attach great importance to the cultivation of innovative talents in science, technology, management and other aspects, and provide employees with a comprehensive training system, enriched training resources and diversified learning programs. At the same time, we emphasise the integration of theory and practice and advocate learning during practice, so as to truly improve the capability to pursue scientific and technological innovation and management skills for better services and technical support for customers.

We also established its own training centre for the adv( )--587adv(p6 )-91(f)-enttt7(he)3( empl)]oyad



designed to reflect the features of manufacturing, with an emphasis on learning in practice. Furthermore, these programmes can be classified into on-line programmes and on-the-spot programmes by instruction model, and pre-job training programmes (such as onboarding training, training programmes for newly promoted supervisors or managers) and on-the-job training programmes (focused on training programmes relating business knowledge, corporate culture and laws and regulations) by time scale. We also kept updating our programmes an perspective in order to form a training mechanism leading by mentors or lecturers. For us, training has gone far beyond simple classroom instructions and practices. It

## 4.3 Occupational safety and health

### 4.3.1 Developing policies to ensure work safety

Safety is the cornerstone of domestic bliss, the source of social harmony, and the guarantee of enterprise development. Work safety secures the personal safety of employees and property safety of enterprise, and therefore constitutes an important part of the Group's operation and management. Thus, we pay relentless attention to work safety in our production to ensure the personal and property safety.

The Group strictly complied with the requirements of the *Work Safety Law of the People's Republic of China*, the *Basic Norms for Standardisation of Work Safety of Enterprises* and other laws and regulations, and has formulated 66 administrative systems for work safety, such as the *System for Management of Work Safety Objectives*, the *System for Work Safety Responsibilities*

*Diseases, the Regulations on the Management of Protective Equipment by Employers* and other relevant laws and regulations, and has formulated more than 40 management systems and documents including the *Management Manual for Occupational Health and Safety*, the *Occupational Health Management System*, and the *Management System for the Monitoring of Hazards to Occupational Health in Workplaces*. The Group has been certified under the ISO45001:2018 Occupational Health and Safety Management System. We continuously improve our working conditions, identify hazards in our workplaces, strengthen the monitoring and control of hazards, provide protective equipment for our employees and strive to create a safe, healthy and comfortable working environment for them.

Air conditioners, ventilators and other equipment have been installed in most of our workshops in addition to our office and living areas to improve the working environment. With regard to the glue workshop where air conditioners are not allowed due to the manufacturing processes, we provide our employees with articles to prevent heatstroke and reduce temperature, schedule our operations properly so that our employees do not have to work in the heat, and shorten working hours appropriately to reduce the adverse effects that high temperatures may have on our working environment for our employees as much as possible and to ensure their safety and health.

Holders of special positions that are prone to occupational diseases have been fully informed of the job requirements and working environment when they apply for the job. A physical examination focused on occupational diseases is arranged for employees holding such positions every year, and free general physical examination for other employees every year or every two years.

Hazards to human health in the production environment are tested every year. Relevant employees are required to undergo pre-job, on-the-job, and off-job physical examinations to prevent occupational diseases. Employees working in the film workshop, those responsible for operating equipment, and those responsible for mixing materials are exposed to the following hazards: high temperatures, dichloromethane, noise, paraffin fume, dust and power frequency electric field. We have taken the following measures:

- High temperatures: labour suit, protective gloves and other protective articles are provided for employees; air conditioners have been installed in the central high-temperature equipment; medicines for preventing heatstroke are distributed to employees;
- Dichloromethane: ventilators must be turned on in sites exposed to dichloromethane; employees are required to wear protective masks or respirators when entering these sites, and the concentration of dichloromethane in these sites is monitored;
- Noise: noise-proof earphones are provided for employees; work is done to improve equipment and facilities which are also regularly serviced to reduce noise levels;
- Paraffin fume and dust: dust masks are provided for employees; ventilators and dust catchers have been installed in areas where there is lots of dust,

and are cleaned regularly;

- Power frequency electric field: insulated shoes, insulated gloves and protective masks are provided for employees, and tests are conducted regularly.

As at the end of the reporting period, the Group had not identified any cases in which an employee was suffering from an occupational disease.

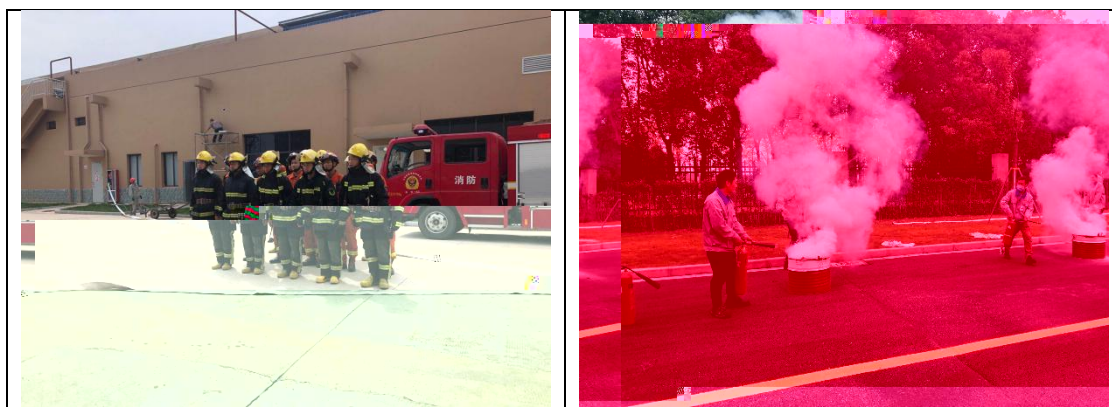
#### 4.3.3 Conducting training and emergency drills to enhance safety awareness

To ensure occupational health and safety, it is important to implement the relevant management systems, provide protective articles for employees, improve processes and facilities. But it is still more important that employees increase their safety awareness and master the skills to ensure safety in production activities and rescue themselves when they are in distress. Therefore, we attach importance to safety trainings and awareness campaigns, and regularly organise emergency drills to deal with emergencies.

In order to effectively respond to safety risks in emergencies, emergency plans including the Emergency Plan for Fires, the Emergency Plan for Environmental Emergencies and the Emergency Plan for Accidents Endangering Production Safety preparedness for emergencies.

As the raw materials, packages and finished products we need for production contain flammable materials (e.g. paper), we also pay special attention to fire control and strictly abide by *the Fire Control Law of the People's Republic of China*. Fire control trainings and drills are organised every year and fire control trainings are part of on-boarding trainings for new joiners. Employees are required to participate in annual fire control trainings to enhance their fire control awareness and skills.

Every June is the month for production safety campaigns. During this period, trainings on production safety and occupational health, and knowledge quizzes are employees are required to participate.





During the reporting period, the Group organised a total of 17 emergency drills and trainings, with a total of 6,451 participants, including special trainings for first-aid personnel, trainings on safety-related laws and regulations and on the use of fire equipment, fire drills and hazardous chemical drills.

### Response to COVID-19:

In 2020, under the difficult circumstances resulting from COVID-19, the Group implemented measures for epidemic control purposes, resumed production in an

in difficulties. Replacements were assigned for employees who were unable to return to work and no employee was laid off due to COVID-19. We tried our best to provide necessities for employees in quarantine. For example, Zhuhai Energy New Material Technology Co., Ltd. lost no time in formulating COVID-19 control plans and emergency plans, clarifying the responsibilities of persons in charge at all levels and adopting the following measures:

- Performing checks on employees that were back to work, understanding each  
 undergo a 14-day self-quarantine and work from home during this period. They should not return to work until confirming that they were all right. Each  
 s was registered. We attached importance to the physical and mental health of, and brought comfort to, our employees who were required to stay in Hubei and other provinces.
- Measures were formulated to ventilate, disinfect and sanitize common areas. Office areas, canteens, dormitories, washrooms, and elevators were disinfected twice a day. Disinfecting wipes were provided in office areas and had sanitizers in washrooms and common areas. Desks were relocated in office areas to ensure distancing between desks. Employees were required to eat at canteens during specified time intervals. WeChat and videoconferencing and conference calls were preferred to avoid crowding.
- Checkpoints were set up at gates and everyone going in and out was required to wear masks and have their temperature checked; employees commuting by

taking the shuttle bus were required to have their temperature checked one by one, disinfect their hands and register their temperature; the G were fully disinfected after they are used.



Drivers and pedestrians had their temperature checked before the entrance to the

## V. Achieving prosperity

### 5.1 Product responsibility

#### 5.1.1 Quality management in pursuit of excellence

Customer trust and good competitiveness are based on product quality, which is relevant to the sustainable and healthy development of an enterprise. Energy New Material strictly abides by *the Product Quality Law of the People's Republic of China* and other laws and regulations. Our vision is to "become a world-class polymer

measures throughout the production process to strive for excellence and improvement in order to provide customers with high-quality products and ensure that there is no false publicity with respect to the actual performance of our products.

We always focus on the construction and maintenance of our quality management systems. To align with the Company's development strategy, we have comprehensively introduced the ISO9001 quality management system in each of our factories, and put in place full-process management in terms of incoming goods management, supplier management, material management, process management and after-sales quality supervision throughout the business process. The Group has formed a system construction working group to provide system-related guidance on the establishment and implementation of system management (including quality management system ISO9001, environmental management system ISO14000 and occupational health and safety management system ISO45001) for each subsidiary to improve business quality and stability as well as perform spot checks on the implementation of system management from time to time. Our factories in the new energy segment have also obtained the IATF16949 automotive quality management certification.



The above pictures show those system certificates obtained (Suzhou Jieli as an example)

In accordance with laws and regulations as well as system management requirements, we have set up a stringent product quality assurance process to ensure the quality of our products. The Quality Management Department of each factory is responsible for recording self-inspection and self-audit steps on a daily basis and providing analysis reports on eight dimensions, namely team formation, background description, corrective measures, cause analysis, improvement measures, verification of the effects of improvement measures, prevention of

recurrence (standardisation) and lessons learnt; it is on this basis that annual spot

IQC (i.e. incoming quality control) according to customer requirements, and formulate special plans for inspecting suppliers' materials, so as to perform assurance and full or random inspections of incoming materials. According to the technical agreement with the customer, each product that we provide is accompanied by an inspection specification.

As a result of our concerted efforts and strict quality controls, no product returns and exchanges were recorded in 2020.

Planned target management is in practice for the Group's quality management, and targets for the following year are set at the end of each year. In 2021, we plan to conduct inspections and supervision of our factories regularly to facilitate the improvement of their systems and quality. These include Group inspections, cross-checks within the Group and layered process audits.

### 5.1.2 Providing optimised services in a timely manner

While internally we seek progress on product quality, we continuously improve our services guided by customer feedback. In this regard, the Group has formulated the *Sales Work Plan, Customer Complaint Handling Management Regulations* and other related systems. We issue the "After-customer upon signing contract, to make a reliable commitment to the quality and efficiency of our after-sales services; during the service process, the Marketing Department perform an annual return visit to understand the level of customer satisfaction.

In terms of after-sales services, we respond to customer needs in a way that demonstrates high quality and high efficiency by clarifying department responsibilities and personnel orientation services. Take the New Energy Business Department as

er-sales service needs while the Quality Management Department performs classified follow-ups on problems in different categories that have been identified. We conduct research and rectification work to optimise product design and quality in response to product defects. For issues unrelated to product quality, we take customer needs into consideration, review service processes, proactively give feedback and provide assistance and solutions.

In 2020, there were no written complaints from customers. In the future, the Group's Marketing Department plans to set up corresponding local offices for major customers to respond more quickly to customer requirements and achieve deeper and more efficient cooperation. We will continue to strengthen our understanding of the importance of customer service, enhance customer relations management and effectively improve customer satisfaction.

### 5.1.3 Focusing on innovation to protect property rights

The improvement of product quality hinges on technological innovation. To support technological innovation, internally, the Group has established a research institute under which there are eight research units and more than 200 professional researchers; externally, it has participated in technological cooperation with many scientific research institutes such as the Chinese Academy of Sciences. We are also actively cooperating with companies that possess leading intellectual property rights in professional fields. For example, Shanghai Energy New Materials and Teijin have signed a patent license agreement on solvent-based coating films for lithium-ion batteries, and are engaged in substantive cooperation on the provision of high performing, safe and cost competitive solvent-based separators for high-quality, high-density and large-capacity lithium-ion batteries.

We attach great importance to the protection of property rights. On the one hand, we proactively protect the intellectual property rights of the Group, and on the other hand, we respect the intellectual property rights of others to avoid infringement.

In accordance with *the Patent Law of the People's Republic of China, the Trademark Law of the People's Republic of China, the Copyright Law of the People's Republic of China* and other laws and regulations, we have established an Intellectual Property Department to clarify the standards and processes for the creation, use, management and protection of intellectual property rights of the Group. On the one hand, the Intellectual Property Department provides research personnel with transactional assistance and creates facilitating conditions for product structure, product performance, process and equipment patent applications. On the other hand, it develops a series of courses to help R&D personnel enhance their awareness of independent intellectual property rights, with the aim of nurturing them to become compound talent who understands both R&D and patent protection.

We implement classified management of intellectual property rights based on the maturity of products. For the New Energy BU, products are in a period of vigorous development where new products are launched to replace old ones. Therefore, all new products must undergo intellectual property feasibility studies, and patent applications are included in the KPI assessment of researchers. As at the end of the reporting period, the number of intellectual property authorisations granted by the New Energy BU totalled 208, including 37 invention patents (including 3 at overseas countries) and 171 utility model patents. Another 199 patents are at the substantive examination stage, and applications for 42 United States and Korean overseas PCT patents are being processed; for the Packaging BU, market demand is relatively stable, and new intellectual property rights are mainly derived from technological innovations in production processes. As of the reporting period end, the Packaging BU possesses 164 patents, including 9 invention patents, 144 utility model patents and 11 industry design patents. In addition, 3 invention patents and 17 utility model patents are at the substantive examination stage.

In sorting out purchased database accounts and patent relevance, we have incorporated all historical patents of the Group into our self-developed database, and gathered patent information related to the Group's products, which is updated once a month to form a systematic and normalised intellectual property management approach. With an emphasis on technology first, we observe market development

from the perspective of intellectual property rights. Monthly patent briefings are produced by the Intellectual Property Department for the research institute to refer to in developing ideas for its new projects, which reflects two-way dynamic cooperation.

Development is driven by innovation. Going forward, the Group will continue to explore new technologies and new projects. We plan to launch one new project every two years on average mainly targeting thin film technologies for lithium batteries, including high-performance films such as water treatment films and aluminium-plastic composite films. We will vigorously accelerate the construction of a patent system in the context of big data analysis to gradually enrich our patent knowledge base. Our research institute will also actively promote research on advancement and relevance based on existing technologies and equipment.

## 5.2 Supply chain sustainability

The quality of raw materials and the stability of their supply are indispensable when it comes to the quality of finished products and the stability of delivery to customers. Therefore, sustainable supply chain management is key to ensuring the first-class quality of our products.

### 5.2.1 Prudently selecting suppliers to ensure stable supplies

We strictly abide by *the Bidding Law of the People's Republic of China* and other relevant laws and regulations, implement strict controls on the selection of business-related suppliers, and put forward specific requirements on the selection of suppliers, the procurement process and the verification of procured products and services through internal systems such as the *Procurement Control Procedures*, while also continuing to consolidate and develop partnerships with suppliers, stabilise supply channels and ensure supply quality.

Before introducing a new supplier, the Technology Department, the Quality Management Department, the manufacturing workshop and the Purchasing Department will perform an evaluation of the supplier based on technical information, quality inspections, qualifications and the supply status; those suppliers that pass the evaluation are included in the Qualified Suppliers List. During the cooperation period, we perform supplier assessments on product quality (such as incoming material inspection pass rate, quality stability, etc.), existing cooperation conditions (such as cooperation periods, contract performance rates, after-sales emergency plans, etc.) and supply capacity (such as delivery timeliness, stocking capacity, etc.), as well as R&D levels and price levels.

The Group divides raw materials into bulk raw materials, packaging accessories and low-value consumables according to the nature of raw materials. The acceptance of bulk raw materials requires that the supplier pass system management certifications, such as by furnishing paper documents to provide a specific basis for supplier evaluation, which include the ISO9000 quality management system certificate, the environmental management system certificate, the heavy metal inspection report and the safe production and standardisation certificate, etc.



### 5.3 Charity and community participation

Co-existence and co-prosperity with the community is an important factor in promoting the steady development of enterprises. Over the years, while pursuing our own business expansion and rapid growth, the Group also focused on delivering social benefits and actively organised community public welfare activities in the place where we operated, so as to promote the harmony and integration of the enterprise and the communities, and foster shared prosperity between the enterprise and the communities.

#### 5.3.1 Caring for public welfare and giving back to the society

We actively participate in events and initiatives locally in each subsidiary to promote the well-being of disadvantaged groups. Such initiatives include fund and goods donations, volunteerism programmes to further engage with local communities, and

measures, such as special leaves (3 days per person-time) and compensation for nutrients, for potential blood donors. In 2020, We have 48 employees made blood donations.

In recent years, the subsidiaries of the Group have organized a variety of public welfare activities based on the needs of the location where they operate. For example, Shanghai Energy organised a team of volunteers to deliver milk and other supplies to the elderly at Huile Nursing Home located in Huinan Town, Pudong New

rehabilitation centre in Wuxi City; Yunnan Energy organizes employees to go to Longshu Village, Hongta District, Yuxi City to send warmth to the needy groups; Zhuhai Energy organizes employees to participate in the nursing homes of Zhuhai Welfare Center and send warmth activities to needy households; Jiangxi Tongrui and Jiangxi Ruijie organised employees to go to Jiangxi Gaoan Nursing Home for caring the needy groups and sent supplies. These public welfare activities not only convey the love and true feelings of the Group to the society, but also make our employees spiritually nurtured.





Staff members across China participate in various initiatives.

19 pandemic, we still did our best and conducted various initiatives at the subsidiary level in 2020. For example, Zhuhai Energy organized employees to send warmth to nursing homes and needy families in September.

### 5.3.2 Facilitate epidemic prevention and act timely Response to COVID-19

In 2020, we quickly took actions to fulfil our corporate citizen responsibility to join the nation-wide effort to fight against the COVID-19 outbreak. Shortly after the pandemic outbreak, we carried out donations in our headquarters and subsidiaries across China and donated a total of RMB 3 million to local charity organisations (e.g. the Red Cross Society of Yuxi City, Yunnan Province, Shanghai Charity Foundation, the Charity Society of Houqiao Street, Xishan District, Wuxi City, Jiangsu Province, the Red Cross Society of Gaoan City, Jiangxi Province, and the Red Cross Society of Zhuhai City, Guangdong Province) and donated goods and supplies worth of over RMB 30,000 to support these organisations in preventing and controlling the COVID-19 outbreak.



We quickly responded to COVID-19 outbreak and made an initial donation of funds and goods in our subsidiaries across China.

Over the years, we have joined or organised employees to participate in a wide range of community service programmes for the well-being of local communities, and our efforts have been widely recognised. For example, Hongta Plastics (Chengdu)

Working Committee for the Care of the Next Generation, the Office of Cultural and Ethical Advancement, the Communist Youth League, and the Education Bureau of Wenjiang District in Chengdu City.

## Appendix

### Industry Association

Name of association	Participants (Member Position)
China Industrial Association of Power Sources	Shanghai Energy ( Executive Member )
BOPP Special Committee Council of China Plastic Processing Industry Association	Hongta Plastic ( Member )

### Awards

In 2020, the main honors received in terms of social responsibility and investor relations are as follows:

Honored Company	Awards
<b>Zhuhai Energy</b>	2020 Anti-epidemic advanced Company of the Guangdong Battery Industry Association
<b>Wuxi Energy</b>	Won the honorary title of "Caring Enterprise" in Houqiao Street, Xishan District, Wuxi City

In 2020, the main honors received in terms of innovation, products and services are as follows:

Honored Company	Awards
<b>Zhuhai Energy</b>	Golden Crown Award of 2020 Power Battery Network
<b>Zhuhai Energy</b>	Awarded the title of 5G+ Industrial Internet Benchmarking Bureau of Industry and Information Technology
<b>Zhuhai Energy</b>	Technology Industry Association
<b>Zhuhai Energy</b>	by the Guangdong Battery Industry Association
<b>Jiangxi Tongrui</b>	by Yichun Science and Technology Bureau
<b>Shanghai Energy</b>	Awarded with the certificate of the new, distinctive, specialized and sophisticated small and medium-sized enterprise issued by Shanghai Municipal Commission of Economy and Informatization
<b>Shanghai Energy</b>	film for power battery ( ND9T333S ) (A Level) issued by Shanghai High-tech Achievement Transformation Project Bureau
<b>Shanghai Energy</b>	Won the "First Prize of Science and Technology Award" issued by the People's Government of Pudong New Area, Shanghai
<b>Wuxi Energy</b>	Jiangsu Province Automobile Industrialization Office

	assessed the light and thin ceramic coating film for power battery as "Excellent Innovative Technology and Product"
--	---

In 2020, the main honors received in terms of labor management are as follows:

Honored Company	Awards
<b>Shanghai Energy</b>	Awarded with the title of Shanghai Harmonious Labor Relations Standard Enterprise
<b>Zhuhai Energy</b>	Awarded by the Zhuhai Municipal Human Resources and Social Security Bureau as "Zhuhai City's Key Enterprise for Introducing University Graduates"
<b>Chengdu Hongta Plastic</b>	Awarded the "Five-Star Labor Union" by Chengdu Federation of Labor Unions

In 2020, the main honors received in terms of the market and economy are as follows:

Honored Company	Awards
<b>Zhuhai Energy</b>	Awarded the "Top 100 Zhuhai Enterprises in 2020" by Zhuhai Enterprise and Entrepreneurs Association and Zhuhai Economic Development Promotion Association
<b>Zhuhai Energy</b>	

## Index

	Index to CASS-CSR 4.0	Index to GRI
About this report	P1.1, P1.2, P1.3, P4.5	102-1, 102-46, 102-50, 102-52, 102-53, 102-54
Message from the Chairman and General Manager		
	P2.1, P4.1, G1.2, G2.3, G2.4	102-14
message	P2.2, P3.1, P3.2	102-14
I. About the Group		
1.1 Group overview	P4.2, P4.4	102-3, 102-4
1.2 Vision, mission and core values	P4.1, G1.1, G1.2	102-16
1.3 Main products	P4.3, E1.7	102 2, 102-6
II. Governance Principles		
2.1 Corporate governance	M1.1, M1.4, M1.5	102-18, 102-43
2.2 ESG governance	P3.2, G2.1, G3.1, G3.2, G3.3, G4.1, G6.1, G6.2, G6.3	102-20, 102-40, 102-43, 102-44, 102-47, 103-1
2.3 Compliance with regulations for clean and ethical operations	M1.3, M3.1, M3.3, M3.7, S1.1	103-2, 103-3
III. Taking care of the planet		
3.1 Resource utilisation	E1.1, E2.3, E2.4, E2.8, E2.9, E2.23, E2.24	103-1, 103-2, 103-3, 301-1, 302-4, 303-1
3.2 Reducing emissions	E1.8, E2.11, E2.12, E2.14, E2.15, E2.16, E2.25	103-1, 103-2, 103-3, 302-1, 302-4, 305-1, 305-2, 306-1, 306-2
3.3 Addressing climate change	E1.2, E1.9	
IV. People centred operation		
4.1 Employment and employee benefits	S1.5, S1.6, S2.1, S2.2, S2.3, S2.4, S2.5, S2.7, S2.8, S2.10, S2.17, S2.18	102-8, 103-1, 103-2, 103-3, 401-1, 401-2, 405-1, 408-1, 409-1
4.2 Staff training and development	S2.14, S2.15, S2.16	103-1, 103-2, 103-3, 404-1
4.3 Occupational safety and health	S2.11, S2.12, S3.1, S3.2, S3.3, S3.4, S3.5, S3.6, S3.7	103-1, 103-2, 103-3, 403-2
IV. Achieving prosperity		
5.1 Product responsibility	M2.1, M2.2, M2.4, M2.6, M2.8, M2.11, M2.14, M2.15, M2.16, M3.5, M3.6	103-1, 103-2, 103-3
5.2 Supply chain sustainability	M3.8, M3.10, E1.6, E2.2, S4.4	102-9, 103-1, 103-2, 103-3
5.3 Public welfare and community engagement	S4.1, S4.6, S4.8, S4.10	103-1, 103-2, 103-3, 413-1
Appendix		
List of industry association		102-13
Awards	P3.1, P4.4	
Index		102-55

## Glossary of terms

Paraphrase		Paraphrase content
the Company	mean	Yunnan Energy New Materials Co., Ltd.
Enjie/ the Group/we	mean	the Company together with its subsidiaries and affiliated companies
ESG report/ this report	mean	Energy "2020 Environmental, Social and Governance Report"
Shenzhen Stock Exchange	mean	Shenzhen Stock Exchange

## Feedback

Dear readers,

Thank you for reading this report. In order to continuously enhance and improve our management of sustainable development, we sincerely hope to hear your valuable opinions and suggestions. Please complete the content of this page and choose the following channels to give us feedback.

Telephone: 0877-8888677

Address: No. 125, Fuxian Road, High-tech Zone, Yuxi City, Yunnan, PRC

1. What is your opinion of this whole report?

Good                       Not bad                       Normal

2. How do you think of the clearness, accuracy and completeness of the information and data disclosed in this report?

Good                       Not bad                       Normal

3. How do you think of this report reflects the significant influence of the Group to the economy, society and environment?

Good                       Not bad                       Normal

4. \_\_\_\_\_ interests of