

水发中國水發興業能源集團有限公司 SHUIFA China Shuifa Singyes Energy Holdings Limited

Stock Code 港股代碼: 750



二零二一年環境、社會及管治報告

INTRODUCTION

China Shuifa Singyes Energy Holdings Limited (the "Company", together with its subsidiaries, "the Group" or "we") is a professional renewable energy solution provider and building contractor. Our main businesses are design, fabrication and installation of curtain wall, green building and solar projects. Solar projects included building integrated photovoltaic system, roof top solar system and ground mounted solar system. In addition, the Company also engaged in the production and sale of renewable energy goods, including smart grid system and solar thermal system. In addition, the Group further diversified the business into Wind Power EPC, and the Group completed approximately 550MW Wind Power EPC projects in 2021. The Group acquired a 47MW on-grid photovoltaic power station from Shandong Shuifa Clean Energy Technology Co., Ltd, a subsidiary of the controlling shareholder of the Company, gradually expanding the asset scale.

We have shown our dedication to the goal of transforming every building into mini power plant, with a will to become a global leading provider of clean energy application system. By utilising the advantage of our existing building curtain wall business and technology, we continuously conduct research and development on enhancing the synergy between the cleanenergy technology and energy-saving building knowledge, which support the future development of ecological construction and low-carbon economy. "People oriented, Growth with Technology" is the foundation and motto of the Group. The Group is committed to creating a favorable circumstance for caring the environment, caring the community and caring our employees. With the foundation of scientific and technological capabilities, the Group has continuously upgraded the service qualities of new energy, energy saving and environmental protection to achieving satisfaction among customers. "Harmonious Growth, Joint Development" is the principle and belief of the Group. We are dedicated to achieve harmonious and joint development of our nature, society, human and business and establish the environment for the development of integrity management, law compliance and scientific management. We will keep paying back to society with our pioneering and aggressive spirit, and our effort in industrial development as always. We will also protect the natural environment, share fruitful enterprise growth with employees, and build a more harmonious, civilised and progressive society.

序言

中國水發興業能源集團有限公司(「本公司」,連同其附屬公司,「本集團」或「我們」)是專業的可再生能源解決方案供應商及建築承包商。本集團主要從事設計、製造及安裝幕牆、綠色建築及太陽能項目。太陽能項目包括光伏建築一體化系統、屋頂太陽能系統和地面太陽能系統。此外,本公司亦從事可再生能源產品的生產及銷售,包括智慧電網系統及太陽能熱力系統。本集團可進一步將業務多元化至風能EPC,本集團已於二零二一年完成約550兆瓦的風能EPC項目。本集團已向本公司的控股股東旗下的山東水發清潔能源科技有限公司收購47MW併網光伏電站,逐步擴大資產規模。

我們致力把每一棟建築變成微型發電廠,並期 望成為世界領先的清潔能源應用系統方案提 商。我們利用已有的建築幕牆業務和技術優 勢,持續研發清潔能源技術與建築節能的集成 運用,支援未來的生態建築及低碳經濟的發 展。「以人為本、科技興業 | 是本集團的立身 之本、發展之源。本集團致力營造關注環境、 關懷社會、關愛員工的良好氛圍,以科技實力 為根本,不斷提升本集團在新能源、節能環 保等產業領域的服務質量,實現顧客滿意的目 標。「和諧興業、共同發展」是本集團的凝心 之根、聚力之魂。我們致力實現自然、社會、 人、企業的和諧及共同發展,構建誠信經營、 遵規守法、科學管理的發展環境。我們將一如 以往不斷開拓進取、用產業發展回報社會,讓 自然環境受到保護,讓員工共用企業成長碩 果,讓社會更加和諧、文明、進步。



二零二一年環境、社會及管治報告

In recent years, amidst the advancement of urbanisation and industrialisation in the People's Republic of China ("Mainland China"), the conflict between rapid economic development and energy shortage as well as environmental deterioration has become increasingly prominent. We believe that the importance of green building development is to integrate new energy into building, to reduce the cost of green building through technological innovation so that it is accessible to ordinary people. Therefore, we promote the development of energy-saving and environmental industry through green building, energy resources distribution and other aspects to make greater contributions to clean energy. The Group's exploration and development in photovoltaic industry have also gained supports and recognitions from authoritative bodies and professional platforms within the industry. During the year ended 31 December 2021 (the "Reporting Period" or "2021"), the Group has obtained the following qualifications and awards:

近年來,隨著中華人民共和國(「中國內地」) 城鎮化與工業化的推進,高速發展的經濟與能 源緊缺、環境惡化的矛盾日益凸顯,我們認為 將新能源融入建築,通過技術創新降低綠色建 築的成本,使其能夠進入尋常百姓家,這是綠 色建築發展的重要目的。故此,我們從綠色建 築、分散式能源等方面出發,推動節能環保產 業發展,為清潔能源作更大貢獻。本集團於光 伏行業領域的探索與發展,亦獲得了行業內權 威機構及專業平臺的支援與認可。於二零二一 年十二月三十一日止年度(「報告期間」或「二 零二一年」),本集團所取得的資格及嘉獎列舉 如下:

Award-winning projects	Awards
獲獎項目	所獲獎項

National Smart Photovoltaic Pilot Demonstration Project

國家智能光伏試點示範項目

Independent Innovation Advancement Award of Innovation Zhuhai Science and Technology Award of 2021 2021 年創新珠海科學技術獎自主創新促進獎

Xiangzhou District's First Batch of Projects to be Funded by Special Fund for Technology Innovation of 2021 香洲區 2021 年度第一批科技創新專項資金擬資助項目

Zhuhai Top 100 High-tech Enterprises of 2021

2021年珠海市高新技術企業百強名單

Zhuhai Top 100 High-tech Enterprises of 2021

2021年珠海市高新技術企業百強名單

Second Batch of National Smart Photovoltaic Pilot

Demonstration Project

國家第二批智能光伏試點示範項目

Innovation Zhuhai Science and Technology Award of 2021

2021年創新珠海科學技術獎

Ranked 38 in Xiangzhou District High-tech Enterprises of Comprehensive Innovation Strength 香洲區高企創新綜合實力排名第38

Ranked 51 in Zhuhai Top 100 Enterprises of Economic Contribution

珠海市經濟貢獻百強排名第51

Ranked 48 in Zhuhai Top 100 Enterprises of Comprehensive Innovation Strength 珠海市綜合創新實力百強排名第48

二零二一年環境、社會及管治報告

	ard-winning projects 	Awards 所獲獎項	
	uhai Top 100 High-tech Enterprises of 2021 21年珠海市高新技術企業百強名單	Compre	3 in Zhuhai Top 100 Enterprises of chensive Innovation Strength 合創新實力百強排名第93
	uhai Intellectual Property Advantaged Enterprise 每市知識產權優勢企業	Zhuhai Intellectual Property Advantaged Enterprise of 2021 年度珠海市知識產權優勢企業	
	Curtain Wall Technology Innovation Video Competition 三屆幕牆技術創新視頻大賽	Technol	rize for the Application of Curtain Wall logy in Complex Space Surface 曲面中幕牆技術的應用二等獎
	Curtain Wall Technology Innovation Video Competition 三屆幕牆技術創新視頻大賽	Third Prize for Research and Development Building Shuifa Singyes Industrial Park 水發興業產業園研發樓三等獎	
In adnation	Idition, the Group is also actively involved in the revision of internal, industry, local and group (union) standards. During the Read, the standards we participated or were responsible for preparas follows:	ational, eporting	此外,本集團亦積極參與製修訂國際、國家、 行業、地方及團體(聯盟)標準。於報告期間, 我們參與或負責主編的標準如下:
•	Design Standards for Ultra-low Energy Consumption Resi Building;	dential	• 《超低能耗居住建築設計標準》;
•	Test Method for Thermal Insulating Performance for Exterior Do Windows of Building;	ors and	• 《建築外門窗保溫性能檢測方法》:
•	Test Method for Solar PV System for Curtain Wall and Sky Building;	light of	• 《建築光伏幕牆採光頂檢測方法》:
•	Design Standard for Energy Efficiency of Public Build Guangdong Province;	ings of	• 《廣東省公共建築節能設計標準》;
•	Classification and Test Method for Resistance Against Imp Curtain Wall;	pact for	• 《建築幕牆耐撞擊性能分級及檢測方法》:



二零二一年環境、社會及管治報告

•	Retesting Guideline for Laminated Solar Photovoltaic Glass for Use in
	Building;
•	Test and Evaluation Standards for Nearly Zero Energy Consumption

- 《建築用太陽能光伏夾層玻璃的重測導 則》;
- Building;
- 《近零能耗建築檢測評價標準》;
- Chromatic aberration detection method for Photovoltaic Glass Component in Building;
- 《建築光伏玻璃元件色差檢測方法》;
- General Technical Requirements for Recycle and Reuse of Thin Film Solar Cells for Buildings;
- 《建築用薄膜太陽能電池元件回收再利用通用技術要求》:

- Evaluation Standard for Nearly Zero Energy Buildings;
- 《近零能耗建築測評標準》;
- Technical Requirements for Grid-Connected Photovoltaic Power Generation Systems on Roof;
- 《屋面並網光伏發電系統技術要求》;
- Design Code for Grid-Connected Photovoltaic Power Generation Systems on Roof;
- 《屋面並網光伏發電系統設計規範》:
- Construction Code for Grid-Connected Photovoltaic Power Generation Systems on Roof;
- 《屋面並網光伏發電系統施工規範》;
- Acceptance Code for Grid-Connected Photovoltaic Power Generation Systems on Roof;
- 《屋面並網光伏發電系統驗收規範》;
- Debugging Code for Grid-Connected Photovoltaic Power Generation Systems on Roof;
- 《屋面並網光伏發電系統調試規範》;
- Classification and Test Method for Airborne Sound Insulation
 Performance of Curtain Wall; and
- 《建築幕牆空氣聲隔聲性能分級及檢測 方法》;及
- Ultra-low Energy Consumption Building Technological Standards of Public Institutions.
- 《公共機構超低能耗建築技術標準》。

二零二一年環境、社會及管治報告

ENVIRONMENTAL, SOCIAL AND GOVERNANCE POLICIES

The Group is a company that attaches great importance to environmental protection and sustainable development and is committed to balancing the development and interests of all parties. While building a corporate culture that cares both employees and society, we continue to develop products that are environmentally friendly, energy-saving and sustainable. We strictly comply with laws and regulations, safeguard intellectual property rights, abide by the management philosophy of honesty and integrity, and work with employees and all parties in society to create a harmonious and civilised society with sustainable development. We are abided by the management philosophy of honesty and integrity, and we work with employees and all parties in society to create a harmonious and civilised society with sustainable development.

This Environmental, Social and Governance ("ESG") Report (the "Report") summarises the ESG initiatives, plans and performance of the Group, and demonstrates its commitments to sustainable development.

The ESG Governance Structure

The Group has established the ESG working group (the "Working Group"). The Working Group comprises core members from different departments of the Group and is responsible for collecting relevant information and data on our ESG aspects for the preparation of the Report. The Working Group reports to the board of directors (the "Board") regularly, assists in identifying and evaluating the Group's ESG risks and the effectiveness of the Group's ESG internal control mechanisms. The Working Group also examines and evaluates our performances in different aspects such as environment, safety production, labour standards and product responsibilities in the ESG aspects. The Board sets up main direction, strategy, and objectives for the Group's ESG strategies, which includes assessing, prioritizing, and managing relevant material ESG issues, reviews the Group's business in respect of the achievement progress of its objectives, and adjusts business policies as and when necessary, so as to respond to Mainland China's vision of carbon neutrality, improve corporate reputation, as well as ensure the effectiveness in the control of ESG risks and internal control mechanisms.

環境、社會及管治方針

本集團是一家重視環境保護與可持續發展的企業,致力平衡各方面的發展和利益,在營造關愛員工、關懷社會的企業風氣同時,不斷研發具備環保節能及可持續發展特質的產品。我們嚴格遵守法規,維護知識產權,恪守廉潔奉公的經營理念,與員工和社會各方共同創造和諧、文明及可持續發展的社會。我們恪守廉潔奉公的經營理念,與員工和社會各方共同創造和諧、文明及可持續發展的社會。

本環境、社會及管治(「環境、社會及管治」) 報告(「本報告」)總結本集團在環境、社會及 管治上的倡議、計劃及績效,並展示其在可持 續發展方面的承諾。

環境、社會及管治治理結構

本集團已成立了環境、社會及管治工作小組 (「工作小組」)。工作小組由本集團不同部門的 核心成員組成,負責搜集我們在環境、社會及 管治方面的相關資料及資料以編制本報告。工 作小組會定期向董事會(「董事會」) 滙報,協 助辨識和評估本集團的環境、社會及管治風險 以及評估本集團環境、社會及管治內部控制機 制的有效性。工作小組亦會檢查和評估我們在 環境、社會及管治範疇內有關環境、安全生 產、勞工標準、產品責任等不同方面的表現。 董事會則會設定本集團環境、社會及管治戰略 上的大方向、策略及目標,包括評估、優次排 列及管理重要的環境、社會及管治相關事宜, 並就其目標的達成進度審視本集團的業務,並 於必要時調整業務方針,以響應國家碳中和之 願景,提升企業聲譽,確保環境、社會及管治 風險控制及內部控制機制的有效性。



二零二一年環境、社會及管治報告

Reporting Scope

The Report covers the Group's main business operation, its reporting scope is consistent with the Group's annual report and is determined according to the Group's importance on the ESG impact. The reporting scope includes design, fabrication and installation of curtain wall, green building and solar projects. The Group will continue to review our environmental and social performance in the coming year and consider incorporating more businesses in the Report.

Reporting Framework

The Report is prepared in accordance with the Environmental, Social and Governance Reporting Guide (the "ESG Reporting Guide") as set out Appendix 27 of the Rules Governing the Listing of Securities on the Main Board of the Stock Exchange of Hong Kong Limited ("Hong Kong Stock Exchange").

For details of the corporate governance of the Group, please refer to the Corporate Governance Report on pages 7 to 25 of Annual Report 2021.

報告範圍

本報告涵蓋本集團的主要業務及營運活動,其報告範圍與本集團年報一致,並根據本集團對環境、社會及管治影響的重要性而釐定。報告範圍包括設計、製造及安裝幕牆、綠色建築及太陽能項目。本集團來年將繼續審視我們在環境及社會表現,並考慮將更多業務涵蓋於本報告中。

報告框架

本報告乃根據香港聯合交易所有限公司(「港交所」)主板證券上市規則附錄二十七所載《環境、社會及管治報告指引》(「環境、社會及管治報告指引」)編製。

有關本集團的企業管治詳情,請參閱二零二一 年年報中第7至25頁的企業管治報告。

二零二一年環境、社會及管治報告

During the preparation of this Report, the Group adopted the above ESG Reporting Guide's reporting principles as set out below:

Materiality: The Group has conducted materiality assessment during the Reporting Period to identify the material issues and has placed such identified material issues as the preparation focus of this Report. Materiality of such issues has been reviewed and confirmed by the Board and the Working Group. For further details, please refer to the two sections "Stakeholder Engagement" and "Materiality Assessment".

Quantitative: The standards and methods as well as applicable assumptions used in the calculation of Key Performance Indicators (the "KPIs") data have been supplemented in the notes.

Consistency: Unless otherwise indicated, the preparation method used for this Report was the same as that of last year for the purpose of comparison. Any changes in the scope of disclosure and calculation methods may affect the comparison with previous report, and the Group provide explanation for the corresponding data.

Reporting Period

The Report describes the ESG activities, challenges and measures taken by the Group during the year ended 31 December 2021.

在編制本報告時,本集團採用了上述環境、社 會及管治報告指引中匯報原則,如下所示:

重要性:本集團已於報告期間進行重要性評估以識別重大議題,並將已確認的重大議題作為本報告的編制重點。議題的重要性已由董事會及工作小組審閱及確認。有關進一步詳情,請參閱「持份者參與」及「重要範疇評估」兩節。

量化:計算關鍵績效指標(「關鍵績效指標」) 數據所使用的標準和方法以及適用的假設均已 於註釋補充。

一致性:除非另有説明,本報告的編制方法與 上年度一致,以便進行比較。如披露範圍及計 算方法有任何變化,並可能影響與過往報告的 比較,本集團將對相應的數據進行解釋。

報告期間

本報告詳述本集團於截至二零二一年十二月 三十一日止年度取得的環境、社會及管治方面 的活動、挑戰和採取的措施。



二零二一年環境、社會及管治報告

STAKEHOLDER ENGAGEMENT

The Group attaches great importance to its stakeholders and their views on our business and ESG issues. In order to understand and respond to stakeholders' concerns, the Group strives to maintain close communication with various stakeholders, including but not limited to investors and shareholders, employees, customers, suppliers, government and regulatory authorities, communities, non-governmental organisations ("NGOs") and the media through different communication channels. The communication channels between the Group and its major stakeholders and their respective expectations and concerns are summarised as follows:

持份者參與

本集團重視持份者及其對我們業務及環境、社會及管治事宜的意見。為瞭解及回應持份者關注的事項,本集團努力以不同管道溝通與不同持份者保持密切溝通,包括但不限於投資者及股東、員工、客戶、供應商、政府和監管機構、社群、非政府機構(「非政府機構」)及媒體等。本集團與主要持份者的溝通管道及其各自的期望與關注概述如下:

Stakeholders 持份者	Communication Channels 溝通管道	Expectations and Concerns 期望與關注
Investors and Shareholders 投資者及股東	 Annual general meeting 股東周年大會 Financial reports 	 Complying with relevant laws and regulations 遵守相關法例及規例 Disclosing latest information of the corporate in due course
	財務報告 • Announcements and circulars 公告及通函 • Investor conferences 投資者會議	於適當時間披露企業最新資訊 Financial results 財務業績 Corporate sustainability 企業可持續發展
Employees 員工	 Employee opinion survey 員工意見調查 Channels for employees' feedback (forms, suggestion box, etc.) 	 Health and safety 健康及安全 Equal opportunities 平等機會
	 員工表達意見的管道(表格,意見箱等) Employee newsletter and broadcasting 員工通訊和廣播 Intranet 內部網路 	 Remuneration and benefits 薪酬及福利 Career development 職業發展

OA voting OA 投票

Official WeChat group 官方微信群

二零二一年環境、社會及管治報告

Stakeholders 持份者 Customers	Communication Channels 溝通管道 • Customer satisfaction survey and	Expectations and Concerns 期望與關注 • Product and service responsibility
客戶	feedback form 客戶滿意度調查和意見表 Customer service center 客戶服務中心 Customer service manager 客戶經理	產品及服務責任 Customer information and privacy protection 客戶資料及私隱保護 Integrity management 誠信經營 Competitive price 實惠價格
Suppliers 供應商	 Supplier management conferences and events 供應商管理會議及活動 Supplier on-site audit management system 供應商現場審計管理制度 Commination between business departments and manager 業務部門及經理溝通 	 Fair competition 公平競爭 Business ethics and reputation 商業道德及信譽 Cooperation with mutual benefits
Government and Regulatory Authorities 政府和監管機構	 Regular conference 定期工作會議 Regular performance report 定期滙報表現 On-site inspections 實地考察 	 Business ethics 商業道德 Complying with relevant laws and regulations 遵守相關法例及規例
Communities, NGOs and the Media 社群、非政府機構及媒體	 ESG reports 環境、社會及管治報告 Public or community activities 公眾或社區工作 Community investment programs 社區投資計劃 	 Giving back to society 回饋社會 Environmental protection 環境保護 Compliant operations 合規經營

In formulating operation strategies and ESG measures, the Group takes into account stakeholders' expectations and strives to improve its performance through mutual cooperation with the stakeholders, resulting in creating greater value for the community.

在制訂營運策略及環境、社會及管治措施時, 本集團會考慮持份者的期望,透過彼此合作使 本集團不斷改善其表現,為社會締造更大價 值。



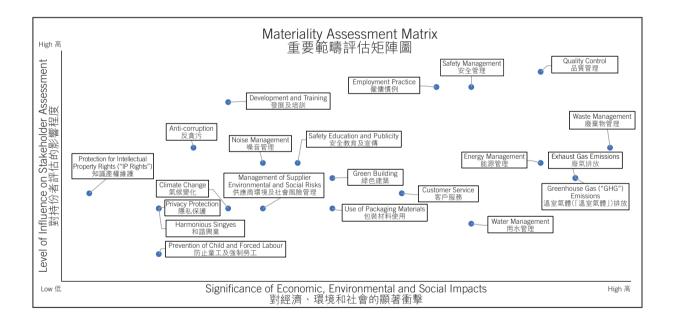
二零二一年環境、社會及管治報告

MATERIALITY ASSESSMENT

The Group's management and staff in major functions are involved in the preparation of the Report so as to assist the Group in reviewing its operations, identifying relevant ESG issues, and assessing the importance of those relevant matters to our business and stakeholders. We have compiled a survey in accordance with the identified material ESG issues to collect information from relevant departments, business units and stakeholders of the Group. The Group's material ESG issues are presented in the following materiality matrix:

重要範疇評估

本集團各主要職能的管理層與員工均有參與編製本報告,以協助本集團檢討其營運情況及識別相關環境、社會及管治事宜,並評估相關事宜對我們的業務以及各持份者的重要性。我們根據經評估的環境、社會及管治重要事項,以編製資料收集問卷,向本集團相關部門、業務單位及各持份者收集資料。本集團的環境、社會及管治重要事項將於以下矩陣圖所示:



二零二一年環境、社會及管治報告

The Group confirmed that it has established appropriate and effective management policies and control systems for ESG issues and confirmed that the contents disclosed in the Report are in compliance with the requirements of the ESG Reporting Guide during the Reporting Period.

於報告期間,本集團確認已就環境、社會及管治事宜設立合適及有效的管理政策及監控系統,並確認本報告所披露內容符合環境、社會及管治報告指引的要求。

CONTACT US

We welcome stakeholders to provide their opinions and suggestions. You are welcome to provide valuable feedback on the Report or our sustainability performance.

Tel: (86) 756-691 6666 Email: business@zhsye.com

Website: http://www.sfsyenergy.com/

A. ENVIRONMENTAL

A1. Emissions

As an environmentally friendly enterprise, the Group has shown our dedication to the goal of transforming every building into mini power plant, promoting emission reduction from source and enhancing energy efficiency to improve the environment, cherish the blue sky and lead the low-carbon economic development. Over the years, we have constantly promoted and improved solar technology, grown with the photovoltaic industry, and motivated the development of the photovoltaic industry.

與我們聯絡

我們歡迎持份者提供意見及建議。歡迎閣下透 過以下方式向我們提供有關本報告或可持續發 展表現方面的寶貴意見。

電話:(86) 756-691 6666 電郵:business@zhsye.com 網站:http://www.sfsyenergy.com/

A. 環境

A1. 排放物

作為一家環保企業,本集團致力 把每一棟建築變成微型發電廠, 促進源頭減排和提升能源效益, 以改善環境、呵護藍天、引領低 碳經濟的發展。多年來,我們一 直推廣太陽能技術,與光伏行業 共同成長,並不斷完善技術,促 進光伏行業發展。



二零二一年環境、社會及管治報告

The Group's offices have taken related measures for the environmental impacts in the daily operation process, and formulated relevant environmental management systems and procedures such as "Control Procedures on Environmental and Safety Operation", "Environmental and Safety Monitoring Control Procedures", "Environmental Pollution Control Procedures", "Environmental Management System" and "Waste Management Regulations" to regulate small amount of exhaust gas emissions and non-hazardous waste generated during operations. The Group also obtained the ISO 14001 Environment Management System Certification. All departments strictly carry out safety and environmental management work according to the requirements of the internal procedures and standards. and make corresponding records. Any non-conformity will be handled by respective departments with reference to the "Reporting, Investigating and Processing Control Procedures on Environmental Safety and Accident". Meanwhile, the Quality and Safety Department is responsible for reviewing the implementation status of each department at any time.

The Group regularly follows the latest national and regional environmental protection laws and regulations, thereby focusing on strengthening environmental protection measures in order to comply with relevant local government laws and regulations and fully implement environmental policies. We strictly comply with relevant laws and regulations, including Law of the Mainland China on Prevention and Control of Pollution from Environmental Noise, Law of the Mainland China on the Prevention and Control of Atmosphere Pollution, Law of the Mainland China on the Prevention and Control of Environmental Pollution by Solid Wastes, Environmental Protection Law of the Mainland China and Water Pollution Prevention and Control Law of the Mainland China. During the Reporting Period, the Group was not aware of any material violations of environmental-related laws and regulations which has a significant impact on the Group.

本集團位於各地辦公室在日常營 運過程中對環境的影響及相關措 施, 並制定了如《環安運行控制程 序》、《環安監測控制程序》、《環 境污染控制程序》、《環境管理制 度》和《廢棄物管理規範》等相關環 保管理制度和規程,規範運營中 產生之小量廢氣排放和無害廢棄 物等。本集團亦獲得「ISO 14001 環境管理體系認證證書 |,各部 門嚴格依據內部程序和標準的要 求,開展安全環境管理工作,並 做好相應記錄。當出現不符合規 程的情况時,各部門將參照《環安 事故報告調查處理控制程序》處 理,同時質安部將負責隨時檢查 各部門的執行情況。

本集團定期追蹤最新國家和地區 環境保護法律法規,以此為依, 遵守當地政府相關的法律法規 實衛落實環境政策。我們嚴格 實職落實環境政策。我們嚴格 實物, 以和國環境噪聲污 時治法》、《中華人民共和國環境噪聲污 治法》、《中華人民共和國大 時治法》、《中華人民共和國 世人民共和國環境保護法》及《申華人民共和國水污染防治法》、《《中華 村民共和國水污染防治法》,本 中 華人民共和國水污染防治法》,本 中 中 相關的法規而對本集團產生 重大影響。

二零二一年環境、社會及管治報告

Exhaust Gas Emissions

The Research and Development Building of Shuifa Singyes Energy uses solar energy to generate electricity. The green electricity generated can replace traditional thermal power generation, reduce emissions of nitrogen oxides, sulfur oxides, and other exhaust gas emissions from the thermal power generation process to achieve low-carbon emissions, improve air quality, and mitigate climate change.

During the Reporting Period, the exhaust gas emissions generated by the Group during its operation are mainly petrol and diesel consumed by vehicles. The Group has set the exhaust gas emissions target, using 2021 as the baseline year, the Group will gradually reduce its emissions intensity of exhaust gas in the future. For emission sources, we have actively adopted the following emission reduction measures to reduce the impact:

- All vehicles must meet the vehicle emissions standard for the exhaust gas emissions implemented by the Zhuhai Municipal Environmental Protection Bureau;
- Prohibit the idling of the engines so as to reduce the energy consumpted by vehicles;
- Rent electric commuter vehicles to indirectly reduce air pollution caused by fuel vehicles;
- Regularly repair and maintain the fleet; and
- Actively adopt other emission reduction measures, which are set out in the section headed "GHG Emissions" in this aspect.

廢氣排放

水發興業能源研發樓利用太陽能 進行發電,所產生的綠色電力可 替代傳統的火力發電,減少火力 發電過程產生的氮氧化物、硫氧 化物等廢氣,達致低碳減排的目 的,改善空氣質素,緩和氣候變 化。

於報告期間,本集團在營運過程中所產生的廢氣排放主要為車輛所消耗的汽油及柴油。本集團已設定廢氣排放目標,以二零二一年作基準年,本集團將在未來逐步降低廢氣排放密度。針對排放源,我們積極採取下列減排措施以降低影響:

- 所有車輛必須達到珠海市環保局制定的廢氣排放管理標準:
- 禁止汽車引擎空轉,以減少 浪費車輛耗用的能源;
- 租用電動通勤車從而間接減少燃油車引致的空氣污染;
- 對所屬車隊進行定期檢修和 進行保養;及
- 積極採取其他減排措施,相關措施在本層面「溫室氣體排放」一節中説明。



二零二一年環境、社會及管治報告

The Group's performance of exhaust gas emissions were summarised as follows:

本集團的廢氣排放表現如下:

Exhaust Gas Types	廢氣種類	Unit 單位	2021 二零二一年	2020 二零二零年
Nitrogen Oxides (NOx)	氮氧化物(NOx)	kg 千克	161.12	144.09
Sulphur Oxides (SOx)	硫氧化物(SOx)	kg 千克	0.45	0.47
Particulate Matter (PM)	顆粒物(PM)	kg 千克	15.67	13.92

GHG Emissions

The Group's GHG emissions mainly resulted from direct GHG emissions generated from the petrol and diesel consumed by the Group's vehicles (Scope 1) and refrigerant discharged when using air conditioner, energy indirect GHG emissions from purchased electricity (Scope 2) and other indirect GHG emissions associated with business travel (Scope 3). To align with the nation's policy of "achieving peak carbon emissions by 2030 and achieving carbon neutral by 2060", the Group's GHG emissions target will align with such policy, and strictly implement and actively adhere to the carbon reduction plan promulgated by the government of Mainland China in order to complete its carbon reduction mission during the target period. The Group actively adopts electricity saving and energy conservation measures to reduce GHG emissions and raise employees' awareness of emission reduction, including:

- Encourage employees to replace unnecessary overseas business trips with video conferences;
- Plant trees in our office areas to increase our ability to absorb carbon dioxide and reduce the net increase in GHG;
- Reduce the carbon emissions caused by exhaust gas from vehicles, details of which are set out in the section headed "Exhaust Gas Emissions" in this aspect; and

溫室氣體排放

本集團的主要溫室氣體排放來源 為本集團車隊所消耗的汽油和柴 油及使用空調時之製冷劑而造成 的直接溫室氣體排放(範圍一)、 外購電力造成的能源間接溫室氣 體排放(範圍二)以及僱員商務差 旅造成的其他間接溫室氣體排放 (範圍三)。為配合「二零三零年碳 **達峰、二零六零年碳中和」的國** 家政策,本集團的溫室氣體排放 目標將迎合該政策,嚴格執行並 積極響應配合實現政府的減排計 劃,力爭於目標期內完成其減排 任務。本集團積極採取節電和節 能措施,以減少溫室氣體排放及 提高員工對減排的意識,包括:

- 鼓勵員工以視頻會議代替非 必要的海外公幹;
- 在辦公區域內種植樹木,增 加吸收二氧化碳的能力,並 減緩溫室氣體的淨增加;
- 減少汽車廢氣導致的碳排放,詳細措施已在本層面 「廢氣排放」一節中説明:及

二零二一年環境、社會及管治報告

- In terms of the offices, actively adopt environmentally friendly and energy-saving measures, which are set out in the section headed "Energy Management" in aspect A2.
- The Group's total GHG emissions during the Reporting Period has decreased by approximately 10.23% from approximately 2,965.43 tCO_2e in 2020 to approximately 2,662.21 tCO_2e in 2021. The Group's performance of GHG emissions were as

follows:

• 在辦公室層面,積極採取環 保節能措施,相關措施將在 層面 A2「能源管理」一節中 説明。

於報告期間,本集團的溫室氣體排放總量由二零二零年約2,965.43噸二氧化碳當量下降約10.23%至二零二一年約2,662.21噸二氧化碳當量。本集團的溫室氣體排放表現如下:

Indicator ¹	指標1	Unit 單位	2021 二零二一年	2020 二零二零年
Direct GHG emissions (Scope 1)	直接溫室氣體排放 (範圍一)	tCO ₂ e 噸二氧化碳 當量	92.09	81.37
Energy indirect GHG emissions (Scope 2)	能源間接溫室氣體排放 (範圍二)	tCO ₂ e 噸二氧化碳 當量	2,545.71	2,850.05
Other indirect GHG emissions (Scope 3)	其他間接溫室氣體排放 (範圍三)	tCO ₂ e 噸二氧化碳 當量	24.41	34.01
Total GHG emissions	溫室氣體排放總量	tCO ₂ e 噸二氧化碳 當量	2,662.21	2,965.43
Total GHG emissions intensity ²	溫室氣體排放總量 密度 ²	tCO ₂ e/m ² 噸二氧化碳 當量/平方米	0.02	0.03
Avoided total GHG emissions through generating electricity by solar power	透過太陽能發電避免溫室氣體排放總量	tCO ₂ e 噸二氧化碳 當量	40.37	39.94



二零二一年環境、社會及管治報告

Notes:

- 1. The GHG emissions data are presented in terms of carbon dioxide equivalent and are based on, including but not limited to "The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standards" issued by the World Resources Institute and the World Business Council for Sustainable Development, the "2019 Emission Reduction Project China Regional Grid Baseline Emissions Factor" (using a CM method with 50/50 average of OM & BM) promulgated by the Ministry of Ecology and Environment of the Mainland China the Global Warning Potential Values from the Fifth Assessment Report issued by the special committee which has been established by governments for climate change and "How to Prepare an ESG Report Appendix 2: Reporting Guidance on Environmental Key Performance Indicators" issued by the Hong Kong Stock Exchange.
- As at 31 December 2021, the Group had a total gross floor area of approximately 107,604.80 m² in Zhuhai (same as 2020). This data is also used to calculate other intensity data.

Sewage Discharge

During the production process, the Group does not generate a large volume of sewage, and the domestic sewage will be discharged through the municipal sewage pipe network to the regional water purification plant for treatment, and therefore the water consumed by the Group is the sewage discharged. The Group advocates water conservation and requires that various chemical and oil contaminants shall not be placed and dumped around the mouth of the domestic waste pipe. In addition, we strictly forbid to place pollution sources such as chemicals, oils, solid wastes, etc. at the rainwater pipe network port and separate the rainwater pipes from other sewage ones so that the rainwater can be directly discharged. Water consumption data of the Group and detailed water-saving measures will be set out in the section headed "Water Management" in aspect A2.

備註:

- 溫室氣體排放數據乃按二氧化 碳當量呈列,並參照包括但不 限於世界資源研究所及世界可 持續發展工商理事會刊發的《溫 室氣體盤查議定書:企業會計 與報告標準》、中國內地生態環 境部發佈的《2019年度減排項 目中國區域電網基準綫排放因 子》(使用OM和BM 50/50平均 值的CM方法)、各國政府間因 氣候變化而成立的專門委員會 所發佈的《第五次評估報告》內 的全球升温可能值,以及港交 所發佈的《如何準備環境、社會 及管治報告 - 附錄二:環境關 鍵績效指標匯報指引》。
- 2. 截至二零二一年十二月三十一 日,本集團於珠海營運點的總 樓面面積約為107,604.80平方 米(與二零二零年數據一致)。 此數據亦會用作計算其他密度 數據。

污水排放

二零二一年環境、社會及管治報告

Waste Management

The Group has established relevant processing procedures and plans and has identified and classified wastes, and designates personnel to handle the wastes in a timely manner and maintain the sanitation around the collection bins. Information about the management of solid and hazardous waste is included in "Control Procedures on Environmental and Safety Operation", "Solid Waste Management Plans" and "Waste Management Regulations". For the following types of solid wastes, we adopt specific treatment measures:

Hazardous Waste

During the production process, we will endeavour to minimise or avoid the use of hazardous substances or production techniques that may generate hazardous substances. The Group manages dangerous chemicals in accordance with the "Management and Control Procedures on Dangerous Chemicals", and ensures the safety and reliability during their usage and storage to prevent the occurrence of safety and environmental incidents caused by the leakage and fire of dangerous chemicals. Various kinds of containers contaminated with toxic and hazardous substances (such as: various plastic bottles, plastic barrels, dangerous chemicals tanks, waste oil, etc.) shall be collected by the processing factory and the Site Project Department to prevent any mixture or leakage. The special production solid waste at each operation site shall not leak or be mixed with general solid waste to avoid adverse impacts on the environment, and shall be delivered to the designated collection point as required. The Group did not produce a significant amount of material hazardous waste during the Reporting Period, therefore, the Group had no relevant data and did not set relevant targets.

廢棄物管理

本集團已制定相關處理程序及方 案對廢棄物進行識別分類,指定 管理責任人適時處理廢棄物,並 保持收集箱周圍的環境衛生。 集團的《環安運行控制程序》、《固 體廢棄物管理方案》及《廢棄物管 理規範》中亦有提及與固體廢棄 物、危險物的管理相關內容。對 以下類別的固體廢棄物,我們採 取有針對性的處理措施:

有害廢棄物

在生產過程中,我們儘量減少或 避免使用危險物或會產生有害廢 棄物的生產方法。本集團會按《化 學危險品管理控制程序》管理化學 危險品,並保證化學危險品在使 用、貯存中時的安全、可靠,預 防因化學危險品洩漏和起火而引 起的安全和環境事件發生。曾盛 裝有毒和有害品的各類容器(如: 各類膠瓶、膠桶、化學危險品罐 體、廢油等),會由加工廠及現場 專案部負責收集,以防止出現混 雜和洩漏的現象。各操作點的特 殊生產固體廢物均不得洩漏或與 一般固體廢棄物混雜,避免造成 對環境的影響,並需按規定送達 指定回收點。於報告期間,本集 團並未產生大量重大的有害廢棄 物,因此本集團並沒有相關數據 及設定相關目標。



二零二一年環境、社會及管治報告

Non-hazardous Waste

Non-hazardous waste generated in business activities of the Group are mainly scrap metal and paper. We request staff to sort and collect the recyclable waste and non-recyclable waste according to the "Solid Waste Management Plan", of which we will deliver the recyclable waste to recyclers by types, and the non-recyclable waste will be processed by a qualified waste disposal company. In addition, the Group's operations tend to be paperless. We encourage employees to use email for internal and external communication, and we use the office automation system for notifications, transfer applications, holiday applications and other administrative procedures to achieve a paperless office. Meanwhile, we promote double-sided printed internal documents to fully utilise paper.

The Group has set the target for non-hazardous waste, the Group will organise activities (such as seminars and item exchange events) annually to enhance the employees' awareness of sparing usage and reduce the production of non-hazardous wastes.

無害廢棄物

本集團業務活動所產生的無害廢 棄物主要為廢金屬及紙張。我們 按《固體廢棄物管理方案》要求員 工對可回收利用及不可回收利用 的廢棄物進行分類收集,其中可 回收廢棄物會交由回收商處理, 而不可回收廢棄物則交由合資格 的垃圾處理公司處理。此外,本 集團的營運趨向無紙化,我們鼓 勵員工使用電子郵件進行內部和 外部溝通, 並使用辦公自動化系 統進行通知、調動申請、假期申 請等行政程序,以達到無紙化辦 公的目標。同時,我們亦提倡內 部檔使用雙面列印,提高紙張利 用率。

本集團已就無害廢棄物設定目標,將每年開展活動(例如講座及交換物品活動)以提高員工節約使用及減少產生無害廢棄物的良好意識。

二零二一年環境、社會及管治報告

The waste of the Group was mainly generated during the production of new material products and some renewable energy products. Since the sales of aforementioned products increased in 2021 compared to 2020, the consumption of production waste increased. During the Reporting Period, the total disposal of non-hazardous waste of the Group increased by approximately 34.01% from approximately 196.17 tonnes in 2020 to approximately 262.89 tonnes in 2021, in which all scrap metals disposed were handed over to qualified companies for disposal. The performance of the Group on non-hazardous waste disposal were as follows:

本集團的廢物主要是於生產新材料產品及部分可再生能源產品於三零二一年的生產量較二零二零年增加,導致生產廢棄物量上升。於報費期間,本集團的無害廢棄物棄置總量由二零二零年約196.17噸上升約34.01%至二零二一年約262.89噸,而當中所有棄置的廢金屬均全部交由合資格公司處理。本集團的無害廢棄物棄置表現如下:

Waste Types	廢棄物類別	Unit 單位	2021 二零二一年	2020 二零二零年
Scrap metal	廢金屬	tonnes 噸	249.86	184.52
Paper	紙張	tonnes 噸	13.03	11.65
Total non-hazardous waste	無害廢棄物總量	tonnes 噸	262.89	196.17
Total non-hazardous waste intensity	無害廢棄物總量密度	tonnes/m² 噸/平方米	0.0024	0.0018

A2. Use of Resources

The Group does not only contribute to improving the environment in our business, but also proactively step towards a low-carbon lifestyle in our operation. The Group has formulated the "Management and Control Procedures on Energy and Resource Conservation" and "Resource Energy Control Procedures" to manage the use of energy and resources including water, electricity and paper. The Logistics Department of the Administrative Center is responsible for the compilation and archiving of inspection records for relevant consumption. In addition, in order to achieve sustainable development, the Group regularly provides environmental protection information and practical advice related to an environmentally friendly lifestyle to staff for circulation.

A2. 資源使用

本集團不但在業務上為環境出一分力,更在營運中全面體現我們 積極邁向低碳生活的目標。本 團制訂了《能源、資源節約管理》制程序》及《資源能源控制程序》, 對水、電及紙張等能源和資資 對水、電及紙張等能源和企後 對水行管理,由行政中心後 對大管理,由行政中心後 動體檔。此外,為達成可持續 應 總歸當。此外,為達成可持續 應 ,本集團定期向員工傳閱環保 訊息及有關環保生活方式的實用 建議。



二零二一年環境、社會及管治報告

In addition, the Group has incorporated numerous environmental-friendly elements into our property design. One of our office buildings (Research and Development Building of Singyes Solar) has fully considered the application environment of passive technique, and combined active technique to enhance the applicability of the building. The Research and Development Building of Singyes Solar adopts human-induced lighting, air conditioning, and fresh air triple control technology, taking information technology as carrier, positioning through microwave technology, and integrates building intelligent control system, to integrate the control of lighting, air conditioning, and fresh air with people's indoor activity, achieving the situation of "Turn on when people are present, turn off if absent", avoiding unnecessary energy consumption caused by artificial operation and achieving interactions between people and buildings. Apart from using photovoltaic power generation to reduce GHG emissions, the Research and Development Building of Singyes Solar also adopts an evaporative condensing total heat recovery fresh air unit to recover the cooling capacity of exhaust air to save resources. Our Research and Development Building of Zhuhai Singyes Renewable Energy Industrial Park adopts photovoltaic power generation technology and energy comprehensive management technology, and becomes a demonstration project for distributed power plants and smart microgrids. In addition, the staff quarters utilise the building integrated solar thermal technology by combining the solar and thermal system with building construction to provide employees with hot water, heating and air conditioning, etc., in order to reduce our demand for thermal power and lessen the environmental pollution.

另外,本集團在我們的物業設計 中揉合多項環保要素。我們的其 中一個辦公樓——興業太陽能研 發樓充分考慮被動技術的應用環 境,結合主動技術提高建築的適 用性。興業太陽能研發樓採用了 基於人體感應的照明、空調、新 風三聯控技術,以資訊化技術為 載體,通過微波等技術進行定 位,結合樓宇智慧控制系統的集 成技術,將照明、空調、新風 三者的控制與人在建築內部的活 動關聯起來,實現「人來開,人 走關」,避免因人為操作而帶來 不必要的能源消耗,實現建築與 人的互動。興業太陽能研發樓除 了利用光伏發電以減少溫室氣體 排放,亦採用蒸發式冷凝全熱回 收新風機組,回收排風的冷量以 節約資源。我們旗下的珠海興業 新能源產業園研發樓全面採用了 光伏發電技術及能量綜合管理技 術,成為分散式電站及智慧微電 網的示範項目。另外,我們的員 工宿舍運用光熱建築一體化技 術,將光熱系統與建築有機結 合,為員工提供熱水、暖氣及空 調等所需能源,減少我們對火力 發電的需求,以減少對環境的污 染。

二零二一年環境、社會及管治報告

Energy Management

The major energy consumption of the Group during its daily operation is electricity consumption in operation, petrol and diesel consumed by vehicles. The Group has set the target for energy consumption, the Group will organise activities (such as seminars) annually to enhance the employees' awareness of energy saving. In addition to the above electricity consumption management in terms of the property design, the Group has formulated the "Energy and Resource Conservation Management Control Procedures" and introduced various measures and methods to achieve the goal of saving electricity and using electricity effectively. The relevant specific measures are as follows:

- The Logistics Department of the Administrative Center is responsible for the management of power supply lines and equipment in the plant;
- No person or department shall install or disassemble the power supply equipment without authorisation. Any breakdown of the power supply line and equipment shall be notified to the Logistics Department of the Administrative Center to troubleshoot the power failure and resume the power;
- Lightings and electrical equipment used in production and offices shall be turned off at rest and after work, practising the principle of turning off if absent;
- During off-peak electricity time, high-power consuming equipment (including air conditioning at office) shall be suspended or operated less; and
- Adopt accrual basis for office equipment such as air conditioners and computers, and the Logistics Department of the Administrative Center implements the punishment system, and penalises those who have not turned off the air conditioner and computer after work.

能源管理

在日常運營中,本集團的主要能源消耗為營運耗電、汽車耗能源主期的汽油和柴油。本集團已就能源明展活動(例如講座)以提高以提高資源。除上述從物業本員設立相關目標,本集團將高過。除上述從物業本時間定《能源、資源節約管理以外,本期之《能源、資源節約管理投方法,以達到節約用電及有效使用電力的目標,相關具體措施如下:

- 行政中心後勤服務部負責廠 房供電線路和及設備的管理:
- 任何人和部門不得私自安裝和拆卸供電設備,如發現供電線路及設備出現故障時必須及時通知行政中心後勤服務部以排除故障並恢復用電;
- 休息時及下班後關掉照明燈 和生產辦公設備等用電設 備,做到人走燈滅;
- 在非高峰用電時間,高耗電 設備(包括辦公室空調)應 停開或少開;及
- 對辦公設備如空調、電腦實行負責制,由行政中心後勤服務部落實處罰制度,對下班後未關空調、電腦的人員進行處罰。



二零二一年環境、社會及管治報告

In addition, the Group permeates the awareness of energy conservation and environmental protection into the work and life of each employee by posting slogans of electricity conservation in offices. Attributed to the Group's persistent effort, the Group maintained a total energy consumption level approximate to that of 2020 during the Reporting Period. The performance of the Group on energy consumption were as follows:

另外,本集團通過張貼節電標語等,將節能環保意識滲透到每位 員工的工作和生活中。有乃本集 團的堅持,本集團於報告期間的 總能源消耗量與二零二零年維持 相近水平。本集團的能源使用量 表現如下:

Energy Types ³	能源種類	Unit	2021	2020
		單位	二零二一年	二零二零年
Direct energy consumption	直接能源消耗			
		2.474	100.00	100 50
Unleaded petrol	無鉛汽油	MWh	139.28	186.58
		兆瓦時		
Diesel	柴油	MWh	156.53	122.33
		兆瓦時		
Indirect energy	間接能源消耗			
consumption				
Purchased electricity	外購電力	MWh	5,002.88	5,256.95
		兆瓦時		
Energy consumption of	自行發電的能源耗量	MWh	79.34	73.68
self-generated electricity		兆瓦時		
Total energy consumption	總能源消耗量	MWh	5,378.03	5,639.54
		兆瓦時		
Total energy consumption	總能源消耗密度	MWh/m²	0.050	0.052
intensity		兆瓦時/平方米		

Note:

備註:

3. 單位轉換的計算是參考國際能 源署發佈的《能源統計手冊》。

The calculation of unit conversion refers to the Energy Statistics Manual issued by the International Energy Agency.

二零二一年環境、社會及管治報告

Water Management

The water consumption of the Group is mainly domestic water. In order to save water, the Research and Development Building of Shuifa Singyes Energy adopts Class 1 standard water-saving sanitary appliances, which can reduce its water consumption to save water resources under the condition of fulfilling its normal functions. The Group has set water consumption target, starting from 2022, the Group will participate in water saving activities and promotes water saving through various methods (such as: posting posters and releasing internal notices). For storing rainwater, the Research and Development Building of Shuifa Singyes Energy is also equipped with wet ponds, which serve as landscapes and relaxation in normal times but play the role of storage in case of rainstorms. During operation, the Group also implements various measures to improve water use efficiency, the details of which are as follows:

- All employees must save water and develop good habits to save every drop of water;
- Turn off faucets when people are absent to prevent the water leakage;
- If the faucet or water pipe is found any leakage, contact the Logistics Department of the Administrative Center for repair; and
- Prohibit the use of drinking water to wash cups or other items.

用水管理

本集團的用水主要是生活用水。 為了節約用水,水發興業能源研 發樓採用一級標準的節水型衛生 器具,在滿足正常使用功能的情 况下減少其用水量,以節約水資 源。本集團已就用水設定目標, 從二零二二年起,本集團將參與 節約用水相關活動, 並誘過不同 方式推廣(例如:張貼海報及內網 公告等),以推廣節約用水。水發 興業能源研發樓亦採用濕塘方式 調蓄雨水,在平時發揮景觀及休 閒功能,在暴雨發生時發揮調蓄 功能。本集團在營運上也實行多 種措施以提升用水效益,相關具 體措施如下:

- 全體員工必須做到節約用水,養成節約每一滴水的良好習慣;
- 人走關閉水龍頭,杜絕常流 水現象;
- 發現水龍頭或水管漏水要及 時與行政中心後勤服務部聯 繫修理;及
- 禁止使用飲用水清洗水杯或 其它物品。



二零二一年環境、社會及管治報告

With continuous commitments to water-saving publicity, the Group posts water-saving reminders in toilets to remind employees to tighten faucets after water consumption and cherish water. The total water consumption of the Group has increased by approximately 10.07% from approximately 104,158.00 m³ in 2020 to approximately 114,651.00 m³ in 2021. In response to the COVID-19 Pandemic (the "Pandemic"), the Group has strengthened its effort in cleaning and sterilisation, thus resulting an increase in water consumption. The Group will continue to strengthen the promotion of water conservation and introduce relevant measures so as to raise employees' awareness of water conservation. The performance of the Group on water consumption were as follows:

本集團亦一直推行節水宣傳,在各衛生間張貼節約用水提醒標貼,提醒員工在用水後關緊水龍頭,珍惜用水。本集團的用水總量由二零二零年的約104,158.00立方米增加約10.07%至二零二一年的約114,651.00立方米。新冠肺炎疫情(「疫情」)影響,不本集團於報告期間加強清潔因而用水量亦有所上升,本集團會繼續加強節約用水的宣傳及推行相關措施,提高員工對節約用水的意報。本集團的用水量表現如下:

Indicator	指標	Unit 單位	2021 二零二一年	2020 二零二零年
Total water consumption	用水總量	m³ 立方米	114,651.00	104,158.00
Total water consumption intensity	用水總量密度	m³/m² 立方米/平方米	1.07	0.97
Amount of rainwater collected	雨水回收量	m³ 立方米	711.00	1,173.00

Based on our production model and the location of our plants and offices, we do not experience any difficulties in finding water source that is fit for purpose. 基於我們的生產模式及廠房與辦公室的地理位置,我們沒有任何 求取適用水源上的問題。

二零二一年環境、社會及管治報告

Use of Packaging Materials

The Group strives to streamline the packaging of its products and actively reduces the use of packaging materials, in particular paper, under the principle of simplification. Our packaging materials were mainly used for the new material products and the exported renewable energy products. Since the date disclosure requirement of packaging materials used was expanded in 2021, including other packaging material types (e.g. laminated veneer lumber) into the data calculation, thus, the total amount of packaging materials of the Group increased significantly from approximately 2.23 tonnes in 2020 to approximately 72.21 tonnes in 2021. The performance of the Group on the use of packaging materials were as follows:

包裝材料使用

本集團致力精簡產品的包裝,尤 其紙質類,我們都以最簡化化 則,積極減少包裝物料的使用。 我們的包裝物主要用於新材口 品銷售和可再生能源產品一年 告,由於本集團於二零二一年 包裝材料類別(例如:膠合,本 長)也納入數據統計。因此,本 屬的包裝材料總量由二零二等 的約2.23噸大幅上升至二等 年的約72.21噸。本集團 物料使用量表現如下:

Packaging Material Types	包裝材料類別	Unit 單位	2021 二零二一年	2020 二零二零年
Paper and paper products	紙及紙質品	tonnes 噸	2.30	2.23
Plastic products	塑膠製品	tonnes 噸	45.73	_
Others ⁴	其他4	tonnes 噸	24.18	N/A 不適用
Total amount of packaging materials	包裝材料總量	tonnes 噸	72.21	2.23
Total packaging material intensity	包裝材料總量密度	tonnes/billion RMB revenue ⁵ 噸/十億元 人民幣收入 ⁵	11.10	0.406



二零二一年環境、社會及管治報告

Notes:

- A new packaging material type has been added to better comply with the disclosure of the ESG Reporting Guide by Hong Kong Stock Exchange.
- 5. During the Reporting Period, the total revenue of the Group was approximately RMB6,503,428,000 (2020: approximately RMB5,578,524,000).
- As the Group restated the total revenue of 2020, thus it has also restated the total packaging material intensity of 2020.

A3. The Environment and Natural Resources

The Group pursues best practices for the environment and focuses on the impact of the Group's business on the environment and natural resources. In addition to complying with environmental laws and international standards and appropriate protection of the natural environment, the Group also integrates the concept of environmental protection into its internal management and daily operation activities to achieve the goal of environmental sustainability.

Noise Management

The Group recognises that it may create noise during the course of operation. The noises are mainly from air compressors, production equipment and vehicles. Therefore, our "Control Procedures on Environmental and Safety Operation" has a section headed "Noise Control and Management", and the measures for noise control are as follows:

- Air compressors are equipped with air compressor soundproof rooms to solve noise problems;
- All vehicle mufflers and horns used must comply with national regulations;

備註:

- 4. 已新增包裝材料類別,以更符合港交所的環境、社會及管治報告指引披露。
- 5. 於報告期間,本集團的總收入 約為人民幣6,503,428千元(二 零二零年:約人民幣5,578,524 千元)。
- 6. 本集團已重列二零二零年總收 入,因此重列二零二零年包裝 材料總量密度。

A3. 環境及天然資源

本集團追求與環境的最佳實務, 著重本集團業務對環境及天然資源的影響。除了遵循環境相關法 規及國際準則,適切地保護自然 環境外,本集團亦將環境保護的 概念融入內部管理及日常營運活 動當中,致力達成環境可持續之 目標。

噪音管理

本集團意識到在營運過程中有機 會製造噪音,主要噪音源為空壓 機、生產設備和車輛。因此我們 的《環安運行控制程序》設有「噪 音的控制和管理」章節,對噪音 管制的措施如下:

- 空壓機修建空壓機隔音房解 決噪音問題;
- 所有使用的車輛消聲器和喇叭必須符合國家的規定要求:

二零二一年環境、社會及管治報告

- Strengthening the management and maintenance of vehicles to maintain good technical performance and prevent environmental noise pollution; and
- Internal vehicles within the urban area shall use sound devices as required.

Green Building

Apart from promoting the use of solar technology, we proactively regulate green buildings to ensure a higher specification for the sustainability of buildings. We hope to start from aspects of material and environment, together with the establishment of standard measures, to achieve our final objectives of avoiding squandering resources, reducing the production of raw materials of photovoltaic components, and reducing secondary environmental pollution.

Coal, oil and other fossil fuels are not only non-renewable resources, but will also generate carbon dioxide and other GHG and waste during combustion. On the contrary, solar energy is a renewable and inexhaustible resource. Solar energy is also a clean energy form, and its utilisation will not emit GHG which intensify greenhouse effect. Therefore, the Group vigorously promotes the development of solar technology. With the concerns that solar energy may cause visual pollution in cities, we proactively develop Building Integrated Photovoltaic ("BIPV") Technology, by using photovoltaic components as building materials. BIPV application has to be incorporated into the overall design of building, rather than only simply combining solar photovoltaic components and buildings. It is necessary to consider various functions and utilisations of building and is an attempt to form new architectural design ideas and energy saving building methods. BIPV does not only beautify the building, but also achieve shading insulation, heat preservation, energy saving, environmental protection and the reduction of energy consumption inside the building.

- 加強對車輛的管理和保養, 保持技術性能良好,防止環 境的雜訊污染;及
- 內部車輛在城市區範圍內時,必須按照規定使用聲響裝置。

綠色建築

除了宣揚太陽能技術的使用,我們亦積極規管綠色建築,以確保對於建築物的可持續性有更高的規格。我們希望從材料和環境等方面出發,通過標準的編制,實現避免資源浪費、減少光伏組件原材料生產和減少對環境產生二次污染的最終目的。

煤炭和石油等化石燃料不但不可 再生,更會在燃燒發電過程中產 生二氧化碳等溫室氣體和廢料。 相反,太陽能是可再生能源,取 之不盡,用之不竭。太陽能更是 一種清潔能源,使用太陽能不會 產生導致溫室效應加劇的溫室氣 體。故此,本集團大力推動太陽 能技術的發展。我們明白在城市 中,太陽能可能造成目視污染, 因此我們積極發展光伏建築一體 化技術(「BIPV」),將光伏元件作 為建築材料。BIPV的應用必須 納入到建築的整體設計中,並不 是光伏元件與建築的簡單疊加, 還需要考慮建築的各種功能和作 用,形成全新的建築設計理念和 建築節能的方法。BIPV不但有美 化建築的作用,還可以達到遮陽 保温, 節能環保的效果, 減少建 築物內部的能源消耗。



二零二一年環境、社會及管治報告

In addition, we also advocate green definition of building, i.e. the conservation of land, water, energy and material. Pursuant to the principle of "Passive Priority, Active Optimisation", with the goal of "Ultra-low Energy Consumption", aiming to create low-carbon energy saving building with rational planning and design at early stage and effective control and management at later stage, on the basis of high performance maintenance structures (high visible light transmittance, low shading coefficient), and supplemented by applying various types of ventilation technology, considering external shade and ventilation of photovoltaic power generation technology, and combining with building intelligent control system, etc. Zhuhai Singyes Green Building Technology Co., Ltd., a subsidiary of the Group, is the member of the Chinese Enterprise Committee of US-China Clean Energy Research Center — Building Energy Efficiency (CERC-BEE) consortium. The Group actively participates in the activities of the consortium and adheres to active and productive joint technology development, application and promotion with its members on the platform of the consortium.

除此之外,我們亦提倡對於建築 賦予綠色的定義,即節地、節 水、節能和節材,在「被動優先, 主動優化」原則上,以「超低能耗」 為目標,旨在通過前期的合理規 劃設計以及後期有效控制管理, 形成以高性能維護結構(高可見光 透射比和低遮陽係數)為基礎, 輔以各種形式的通風技術、考慮 外遮陽與通風的光伏發電技術和 建築智慧控制系統等打造出低碳 節能建築。我們旗下珠海興業綠 色建築科技有限公司是中美清潔 能源聯合研究中心建築節能聯盟 (CERC-BEE)中方企業委員會成員 單位,本集團一貫積極參與聯盟 組織的各項活動,並堅持在聯盟 的平臺上與成員開展積極的、富 有成效的聯合技術研發、應用和 推廣工作。

二零二一年環境、社會及管治報告

A4. Climate Change

Climate change has brought escalating risks and challenges to the global economy and may also impose negative impact on the Group's business. Thus, the Group has realised the importance of identifying and mitigating any material impacts of climate change. According to the international advice from the Task Force on Climate-Related Financial Disclosures ("TCFD") established by the Financial Stability Board, the Group's management has assessed and fully recognised the climaterelated risks and corresponding opportunities which have effects on the Group's business. Based on the assessment results. the Group has included the climate risks in the corporate risk management process and has formulated relevant policies and procedures to manage and review the climate-related risks and to capture relevant opportunities. With reference to the risk category of TCFD, the Group's identified climate-related risks and corresponding management measures are as follows:

Physical Risks

The frequency and severity of extreme weather events (such as extreme cold or heat, storms, rainstorms, and typhoons) have been increasing, whereby may increase the risk of power shortage, interrupt supply chains and damage the Group's assets, resulting in disruption of the Group's operation and decrease in revenue, as well as increasing the costs of repairing and restoring the damaged locations. Such events may also hinder employees from conducting work, and even cause casualties. To tackle the above risks, the Group will identify such risks and prioritise those with severe impact so as to promptly adopt preventive measures. Meanwhile, the Group will study the possibility of changing its business model to reduce and avoid the severe impact of such risks on the Group's operation.

A4. 氣候變化

氣候變化為全球經濟帶來的風險 和挑戰不斷升級,亦可能對本集 團的業務帶來負面影響。因此, 本集團深明識別和減輕氣候變 化帶來的任何重大影響的重要 性。根據金融穩定委員會成立 的氣候相關財務信息披露工作組 (「TCFD」)的國際建議,本集團管 理層已評估並充分認識到對本集 團業務有所影響的氣候相關風險 及相應的機遇。本集團已根據評 估結果,將氣候風險納入企業風 險管理流程,並已制定相關政策 及程序以管理和審查氣候相關風 險及把握相關機遇。參照TCFD 的風險分類,本集團已識別的氣 候相關風險及相應的管理措施如 下:

實體風險



二零二一年環境、社會及管治報告

Transition Risks

In order to achieve sustainable development, governments from all around the world have successively enacted climate-related laws or tightened regulations to support the vision of global decarbonisation. Tightening measures such as increased taxation may affect business operations, which promote enterprises to move towards green management in different ways.

In addition, the Hong Kong Stock Exchange also requires listed companies to strengthen climate-related disclosures in ESG reports, which may increase related compliance costs. Failure to fulfil climate change compliance requirements may expose the Group to the risk of claims and litigation, which could result in a possible damage to corporate reputation. The Group will regularly monitor existing and emerging trends, policies and regulations related to climate change to avoid reputational risk due to slow response. In addition, in order to reduce the Group's impact on the environment and fulfil the requirements of the Hong Kong Stock Exchange, the Group has set targets to reduce GHG emissions and energy consumption. The Group will continue to evaluate the effectiveness of the Group's actions on climate change and enhance its ability to address climate-related issues.

轉型風險

為實現可持續發展,各地政府相繼制訂氣候相關法律或收緊法規,以支持全球脱碳願景。其收緊措施例如加強税收都可能影響企業營運,以不同方式促進各企業邁向綠色經營。

除此之外,港交所亦要求上市公 司在環境、社會及管治報告中加 強與氣候相關的披露, 相關合規 成本可能會因而增加。如未能滿 足氣候變化的合規要求,本集團 可能會面臨索賠和訴訟風險,使 企業聲譽可能下降。本集團將會 定期監測與氣候變化有關的現有 及新興趨勢、政策及法規,以避 免因反應遲緩而導致的聲譽風 險。此外,為減少本集團對環境 的影響及符合港交所的要求,本 集團已制定減少溫室氣體排放和 能源消耗的目標。本集團將繼續 評估本集團應對氣候變化行動的 有效性,並增強其應對氣候相關 問題的能力。

二零二一年環境、社會及管治報告

B. SOCIAL

B1. Employment

Talent is the core of the Group's operations. Recruiting the most suitable talent for each position is one of the Group's important tasks. The Group adheres to the people-oriented principle and standardises labour employment management, based on which, it respects and protects the legal interests of every employee. It is committed to safeguarding employees' occupational health and safety, safeguarding their vital interests, and giving full respect and attention to their enthusiasm, initiative and creativity in order to build a harmonious labour relationship. We have established relevant personnel management policies such as the "Employee Benefits Management Plan", "Total Payroll Management Plan" and "Shuifa Singyes Energy Employee Handbook" to provide employees with a healthy, sunny and positive working atmosphere, and guide employees to actively integrate their personal pursuits into the long-term development of the Group.

The Group strictly complies with relevant laws and regulations, including the Labour Law of the Mainland China and the Labour Contract Law of the Mainland China. During the Reporting Period, the Group was not aware of any material violations of human resources-related laws and regulations which has a significant impact on the Group.

B. 社會

B1. 僱傭

人才是本集團營運的核心,為每 個崗位聘請最適合的人才是本集 團其中一項重要的工作。本集團 堅持以人為本的原則,規範勞動 僱傭管理,並以此為基礎,尊重 及保障每一位員工的合法權益, 致力於保障員工職業健康安全, 維護員工切身利益,充分尊重和 重視激發員工積極性、能動性和 創造力,以構建和諧的勞動關 係。我們制定了《員工福利管理方 案》、《工資總額管理方案》和《水 發興業能源員工手冊》等相關人事 管理政策,為員工提供健康、陽 光和向上的工作氛圍,引導員工 積極將個人追求融入到本集團長 遠發展之中。

本集團嚴格遵守《中華人民共和國 勞動法》、《中華人民共和國勞動 合同法》等相關法律法規。於報告 期間,本集團並未發現任何重大 違反與人力資源相關的法例法規 而對本集團產生重大影響。



二零二一年環境、社會及管治報告

Employment Practice

Recruitment, Promotion and Dismissal

The Group actively implements the strategy of thriving talents, and plans the human resources and recruitment plan for the following year according to the work needed at the end of each year. The Human Resources Department will recruit through the recruitment website, professional media or other employment agencies according to the schedule. The Human Resources Department will interview the applicants who have passed the initial screening, and conduct interviews and evaluations according to the requirements of the "Recruitment Management Measures". Applicants will also be arranged to have interviews with the department manager and can be qualified for the employment after being approved by the relevant person in charge or the general manager after the interview. For financial, procurement and medium-to-high level recruitment, we will ensure that the relevant personnel possess good professional ethics.

Pursuant to different professions, the Group provides three career development and promotion channels for employees, which are technical channel, management channel and operation channel. Each channel is divided into 5 hierarchies, and each hierarchy is further subdivided into different levels so that all employees are provided with equal opportunities for gradual promotion. Employees who are at the same level will enjoy the corresponding rights, including wage income, welfare and benefits, spiritual honours, etc, regardless of whether they are from the technical channel, the management channel or the operation channel. The promotion decision for each employee is fair and open without any discrimination. When there is a job vacancy, we will consider promoting competent employees internally based on the results of the annual performance appraisal of the employees to affirm their efforts and contributions.

僱傭慣例

人才招聘、晉升及解僱

根據不同的專業,本集團為員工 提供三條職業發展及晉升通道, 分別為技術通道,管理通道和作 業通道。每條通道都分為五個層 級,每層再細分不同級別,讓所 有員工都能平等地得到逐步晉升 的機會。無論是技術、管理或作 業通道,只要在同一階層,員工 都會享受相應的權益,包括工資 收入、福利待遇和精神榮譽等。 員工的晉升決定是公平公開,當 中不帶任何歧視成份。當出現職 位空缺時,我們會根據員工年度 績效考核結果考慮從內部提拔能 幹員工,以肯定員工的努力及貢 獻。

二零二一年環境、社會及管治報告

In addition, the Group will never allow unreasonable dismissal of employees under any circumstances. Termination of any employment contract will be based on reasonable and legal grounds and internal policies. The Group strictly prohibits unfair or unreasonable dismissal in any form. In order to improve the operation of the Group, we will arrange interviews with departing employees to find out the reasons for their departure, and pay the remaining wages on time.

Remuneration and Welfares

The Group has established a relatively reasonable, competitive and legal remuneration system of fairness and integrity to provide remuneration for employees. In order to retain talents and strengthen the initiatives of employees, the Group has established a complete "Salary Management System", "Employee Remuneration Management Measures" and "Total Payroll Management Plan". In order to further standardise the Group's salary and welfare system, the senior management of the Group took the lead in setting up a management team. With reference to the salary levels of the same industry, the Group has formulated a competitive and incentive compensation and welfare plan based on the leadership management strategy and objectives, enabling the Group's salary system to have certain competitive advantages in the same industry and same region. The salaries of employees will also be adjusted with factors such as social inflation and promotion. Meanwhile, the Group will also regularly adjust the rank and salary scale according to differences in terms of aspects such as employee performance, length of service, and work attitude.

另外,本集團絕不容許在任何情況下無理解僱員工。任何僱傭合約終止將以合理及合法之理據及內部政策為依據。本集團嚴格禁止任何形式的不公平或無理解僱情況發生。為改善本集團的運作,我們亦會為離職員工安排面談以瞭解其離開的原因,亦會依時發放餘下的工資。

薪酬與福利

本集團建立了一套相對公平、公 正、合理、具競爭力且合法的薪 酬體系,為員工發放薪酬。為了 挽留人才及強化員工工作的積極 性,本集團建立了完善的《薪酬管 理制度》、《員工薪酬管理辦法》及 《工資總額管理方案》。為更加規 範本集團薪酬福利制度,本集團 高層牽頭成立管理小組,根據領 導經營管理戰略及目標,結合同 行業的薪酬水準,擬定出符合本 集團具競爭性和激勵性的薪酬福 利方案,使本集團的薪酬體系在 同行業和同區域有一定的競爭優 勢。員工的薪金亦會隨著社會通 貨膨脹及級別的晉升等因素而調 整。同時本集團根據員工績效、 服務年限和工作態度等方面的表 現不同,定時對職級薪級進行調



二零二一年環境、社會及管治報告

During the Reporting Period, the Group has also established "Performance Appraisal Management Measures" to enhance regulation and improvement in the Group's performance appraisal management work, which links employees' salaries and positions with their performances, forming an internal talent competition mechanism based on abilities. For employees at different levels, we have developed corresponding assessment content, mainly including task completion indicators, quality of completed work, professional skills, innovative skills, collaboration, responsibility and discipline. Based on the scores from leaders, colleagues and subordinates, the Assessment Department will calculate the appraisal coefficient for each employee. Additional bonuses are given to those who perform outstandingly at work as a boost in morale.

With commitment to providing thoughtful and comprehensive employee benefits, the Group treats its employees under the concept of "harmonious Singyes and common development" and provides various benefits that are either statutory or non-statutory to them while safeguarding their basic benefits with a view to boost their sense of belonging, strengthen corporate cohesion and encourage them to provide long-term services.

本集團一直致力於提供周到全面 的員工福利,本著「和諧興業、 共同發展」的理念對待員工,在 保障員工基本待遇的同時提供多 項法定內外的福利,旨在加強員 工歸屬感,增加企業凝聚力,鼓 勵員工長期為企業服務。

二零二一年環境、社會及管治報告

The Group implements a five-day work week regime with 8 hours of work per day. For overtime work, the Group pays wages in strict accordance with relevant laws. We provide statutory holidays according to national regulations. Employees may also be entitled to paid leaves such as marriage leave, maternity leave, care leave, bereavement leave, sick leave, work-related injury leave and annual leave. The Group also sets up the "Employee Benefits Management Plan" in accordance with the Social Security Law of the Mainland China to provide "five insurances and housing provident fund" to employees. In addition to statutory benefits, employees can also enjoy a number of additional benefits such as working meals, wedding cash gift, holiday relief payments, free medical examinations and trainings. We also provide employees with transportation, housing, seniority and high-temperature subsidies. In order to encourage employees to work hard and engage more in research and development, the Group also provides performance bonuses and rewards for patent and paper completion. Rewards are given to those who perform outstandingly at work and have successfully assisted the Group in obtaining invention patents and publishing papers in provincial publications.

Communication with Employees

The Group has established appropriate channels for employees and senior management to communicate, the Human Resources Department will collect employees' opinions and suggestions, and tackle the problem together with other department heads, improving the relationship between employees.

本集團實行一週五天工作制,每 天工作八小時。對於加班情況, 本集團嚴格按照相關法例計算工 資。我們根據國家規定執行法定 假期,員工亦同時享有帶薪假期 如婚假、產假、看護假、喪假、 病假、工傷假和年假。本集團亦 依照《中華人民共和國社會保障 法》設立《員工福利管理方案》為 員工提供「五險一金」。除法定福 利,員工亦可享有多項額外福利 如工作餐、喜嫁禮金、節日慰問 金、免費體檢及培訓等。我們也, 為員工提供交通、住房、工齡及 高溫補貼等多種補貼。為鼓勵員 工努力工作及多作創新研發,本 集團亦設有績效獎金及專利論文 獎勵,為工作表現傑出、成功協 助本集團取得發明專利和在省級 刊物上發表論文的員工發放獎金。

員工溝通

本集團設有適當之管道讓僱員與 管理層保持良好溝通,人力資源 部會收集員工的意見及建議,與 各部門負責人共同解決存在的問題,不斷改善員工關係。



二零二一年環境、社會及管治報告

Diversity, Equal Opportunity and Anti-discrimination

The Group strictly complies with national and local government regulations by adopting a fair, equitable and open recruitment process and developing relevant system files to eliminate discrimination in the recruitment process. Employees face no discrimination regardless of race, gender, colour, age, family background, ethnic tradition, religion, physical fitness and nationality and thus allowing them to enjoy fair treatment in every aspect including recruitment, salary, training and promotion. The Group endeavours to attract professionals with diverse backgrounds to join us.

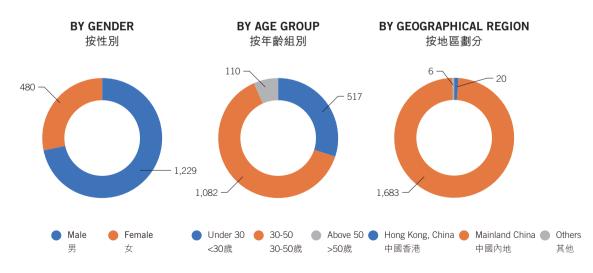
As of 31 December 2021, according to the reporting scope of this Report, the total number of employees of the Group was 1,709 (2020: 1,380), all of whom were full-time employees. The distribution of employees by gender, age group and geographical region were as follows:

多元化、平等機會及反歧視

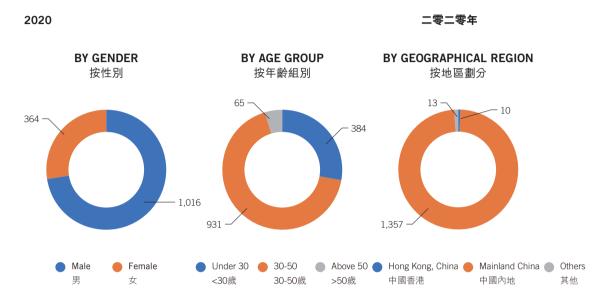
截至二零二一年十二月三十一日,根據本報告的報告範圍,本集團的總僱員人數為1,709名(二零二零年:1,380名),全部均為全職僱員。按性別、年齡組別及地區劃分的分佈如下:

二零二一年

2021



二零二一年環境、社會及管治報告



During the Reporting Period, according to the reporting scope of this Report, the total employee turnover rate⁷ of the Group was approximately 26%. The employee turnover rate by gender, age group and geographical region is as follows:

於報告期間,根據本報告的報告 範圍,本集團的總僱員流失率6為 約26%,按性別、年齡組別及地 區劃分的僱員流失比率如下:

2021

二零二一年

By gender ⁸	按性別 ⁸	
Male	男性	29%
Female	女性	18%
By age group ⁸	按年齡組別 ⁸	
Under 30	<30 歲	41%
31-50	31-50 歲	19%
Above 50	>50 歲	23%
By geographical region ⁸	按地區劃分 ⁸	
Hong Kong, China	中國香港	85%
Mainland China	中國內地	25%
Others	其他	117%



二零二一年環境、社會及管治報告

Notes:

- Total employee turnover rate = total number of employee left during the Reporting Period/total number of employee as of 31 December 2021 *100%.
- Turnover rate of employee from that category = total number of employee from that category left during the Reporting Period/total number of employee as of 31 December 2021 from that category *100%.

B2. Health and Safety

The Group highly recognises the importance of health and safety of our employees with a commitment to providing employees with a healthy, safe and comfortable working environment. We have developed the atmosphere of "life and safety first" with our employees, and formulated a series of safe operating procedures and product operation instructions to ensure that employees effectively control and reasonably operate related equipment and reduce the risk of injury. The Group has also obtained the ISO 45001 Occupational Health and Safety Management System Certification

The Group strictly complies with relevant laws and regulations, such as the Labour Law of the Mainland China, Production Safety Law of the Mainland China, Law of the Mainland China on the Prevention and Control of Occupational Diseases and the Fire Prevention Law of the Mainland China, and provide employees with workplaces that meet the national labour hygiene standards to effectively protect employees' health and safety at work. During the Reporting Period, the Group was not aware of any material violations of laws and regulations on health and safety which has a significant impact on the Group. In addition, the Group did not record any accidents that resulted in death or serious physical injury and no lost working days and claims or compensation was paid to its employees due to such accidents in the last three years (including the Reporting Period).

備註:

- 7. 總僱員流失率 = 於報告期間總 流失僱員人數/截止二零二一 年十二月三十一日總僱員人數 *100%。
- 8. 該類別僱員流失比率 = 於報告 期間該類別總流失僱員人數/ 截止二零二一年十二月三十一 日該類別總僱員人數*100%。

B2. 健康與安全

本集團高度重視員工的健康與安全,致力於為員工提供健康、安全和舒適的工作環境。我們與全工共同樹立「生命至上、家列的風氣,並制定了一系列的中人,以確保員工有效控制及合理操作相關設備,減低受傷的風險。本集團亦已獲取「ISO 45001職業健康安全管理體系認證」證書。

本集團嚴格遵守《中華人民共和國 勞動法》、《中華人民共和國安全 生產法》、《中華人民共和國職業 病防治法》和《中華人民共和國消 防法》等相關法律法規為員工提供 符合國家勞動衛生標準的勞動作 業場所,切實保障員工在工作中 的健康與安全。於報告期間,本 集團並未發現任何重大違反與健 康與安全相關的法例法規而對本 集團產生重大影響。此外,本集 團於三年內(包括報告期間)並無 錄得任何導致死亡或嚴重肢體受 傷的意外事件、亦並無因該等事 件而損失工作日數,向其僱員支 付索償或補償。

二零二一年環境、社會及管治報告

Safety Management

We identify, evaluate and control the hazards in various production activities and the occupational health and safety deficiencies of the Group that may lead to accidents to improve the production condition and working environment. We regularly monitor employees' exposure to occupational hazards to ensure that they work in a safe environment. In response to the possibility of accidents, we have formulated relevant emergency plans for different accidents, such as the "Fire Emergency Response Plan", "Construction Emergency Plan", "Environmental Safety Operation Management System", "Environmental Safety Factor Identification and Evaluation Management System" and "Canteen Poisoning Emergency Plan". In order to improve the ability of emergency personnel to properly handle accidents in emergencies and emergency plans, we conduct regular exercises and review relevant results.

We understand that equipment safety is closely related to employees' safety. As such, we have developed safety instructions for different equipment to provide relevant operating procedures and safety instructions for different production equipment. In addition, we also provide occupational protective equipment and protective equipment, and remind employees to take safety measures when using the equipment. Moreover, we also clearly point out occupational health and safety control methods, such as requiring employees to check the equipment daily before operation to ensure that the equipment is well maintained at normal working conditions and stable operation capacity.

安全管理

我們對本集團內各類生產活動中 的危險源和有可能引致事故發生 的職業健康安全缺陷進行識別、 評估和控制,以改善生產條件及 工作環境。我們定期檢測員工接 觸職業病危害因素的情況,以確 保員工在安全環境工作。針對事 故發生的可能性,我們制定了不 同事故的相關應急預案,例如《消 防火警應急處理方案》、《施工應 急方案》、《環安運行管理制度》、 《環安因素識別和評價管理制度》 及《食堂中毒應急方案》等。為提 高應急人員在緊急情況下妥善處 置事故的能力,並完善應急方 案,我們進行定期演習,並審視 演練結果。



二零二一年環境、社會及管治報告

The Group has also established the Quality and Safety Department and conducted on-site safety inspections when conditions allow, covering equipment or facilities, electrical equipment, chemical warehouses, safety signs, safety education, personal protection, on-site protection, fire equipment, dust noise, canteens and drinking water, disaster measures, etc. The Quality and Safety Department will supervise and inspect the safety, environmental objectives, indicators, management plans, the compliance with laws and regulations in each quarter. Where the above mentioned are found not implemented pursuant to the requirements under the "Report, Investigation, Processing and Control Program of Environmental Safety Accidents" during the inspection, the results and related corrective and preventive actions will be submitted to the management for review.

Safety Education and Publicity

The Group actively carries out publicity and safety trainings for employees to enhance their awareness and ability of self-protection. We set up bulletin boards in the plant to publish the rules and regulations on occupational disease prevention and control, the operation procedures, the emergency rescue measures for occupational hazards and the results of detection of occupational hazards. We make sure that all equipment operation and maintenance personnel are well trained, while project managers, construction quality and safety inspectors, special operators, chemical management, etc. also are required to report duties with licenses in accordance with the requirements of national laws and regulations.

安全教育及宣傳

二零二一年環境、社會及管治報告

In order to enhance the safety awareness of employees, we provide trainings for special positions and provide safety tertiary education for new employees and regular trainings on occupational safety education for all employees. During the Reporting Period, the Group held trainings for workshop staff in relation to safe operation, occupational health knowledge, hazards and environmental factors identification and evaluation. We conduct questionnaire surveys to employees who participated in trainings to continuously improve our training effectiveness. We will continue to analyse and improve the safety management of the Group's employees.

Responding to the Pandemic

In response to the Pandemic, the Group has kept abreast of the latest Pandemic development and set up a series of preventive measures, which include requiring employees to wear masks all the time at work, taking the temperature of employees before getting on and getting off the commuter vehicles, regularly disinfecting the office premises every day, and providing disinfecting hand sanitisers in public areas such as offices and elevators, so as to protect the health of employees and minimise operational risks. The Group has committed to continue to strengthening Pandemic prevention inspection and control, as well as strived to provide a safe and satisfactory workplace for our employees.

B3. Development and Training

Development and Training

The Group attaches great emphasis on the establishment of internal management training and development system and adopts a diversified training model such as induction training and pre-work training to meet the different needs of employees at all levels, so as to enhance their skills, help the sustainable development of the Group and personal growth and development of employees.

應對疫情

B3. 發展及培訓

發展及培訓

本集團注重企業內部管理培訓與 發展體系的建立,通過入職培訓 及崗位培訓等多元化培訓模式來 滿足各級各類員工的不同需求, 提升員工技能,助力本集團可持 續發展,同時助力員工個人成長 及發展。



二零二一年環境、社會及管治報告

We have formulated the "Employees Training Management Measures of the Shuifa Singyes Energy Group" and "2021 Safety Education Training Program", in order to establish the training management system of the Group, standardise and effectively organise the training of all employees, and tap the potential of employees to support its long-term development. We provide different training opportunities for employees, and will make annual training plans according to the training needs of employees every year. The Group has established an internal lecturer team to provide internal trainings for employees. It also hires professionals to train employees and makes arrangement for employees to participate in training organised by relevant training institutions. We are committed to enhancing production techniques, design methods, management capabilities, and equipment maintenance capabilities of our employees, so that employees can perform better in their professional areas and further enhance the Group's professional status.

The Human Resources Department of the Group will assess and evaluate the training effect on trainees according to the training needs and training plans. According to the actual situation, the issuance of qualification certificate or work license to some trainers is subject to passing the training examination to ensure that they understand the training content. We will continue to improve the quality of our staff's trainings through an assessment of the effectiveness of their trainings.

為建立本集團的培訓管理體系, 規範及有效地組織各類員工培 訓, 並挖掘員工的潛能以配合本 集團的長遠發展,我們建立了 《水發興業能源集團員工培訓管 理辦法》和《2021年安全教育培訓 計劃》。我們為員工提供不同培 訓機會,並會於每年會根據員工 培訓需求制定年度培訓計劃。本 集團建立了內部講師團隊為員工 提供內部培訓,亦會聘請專業人 員培訓員工,也會安排員工參加 相關培訓機構舉辦的培訓。我們 致力提升員工的生產技術、設計 方法、管理能力和設備保養能力 等,讓員工能在其專業範疇中表 現的更出色,進一步提升本集團 的專業地位。

本集團人力資源部會根據培訓需求和培訓計劃對培訓對象進行培訓效果的考核和評估。根據實際情況需要,部份培訓人員須經過培訓考核合格後才發放資格證書或上崗證,以確保員工知悉培訓內容。我們會持續透過員工對培訓效果的評估,改進員工的培訓質素。

二零二一年環境、社會及管治報告

The percentage and average hours of employee trained by the Group by gender and employment type during the Reporting Period are as follows:

於報告期間,本集團按性別及僱員類別劃分的受訓僱員百分比及 平均時數如下:

		Percentage of	Average trained
		employee trained 9	hours 10
		受訓僱員百分比 ⁹	平均受訓時數10
By gender	按性別		
Male	男性	73.85%	0.94
Female	女性	26.15%	0.85
By employment category	按僱員類別		
Senior management	高級管理層	6.15%	1.81
Mid-level management	中級管理層	76.93%	6.67
Junior employee	初級員工	16.92%	0.18

Notes:

- Percentage of employee trained = total number of trained employee from that category during the Reporting Period / total number of trained employee during the Reporting Period * 100%.
- Average trained hours = total number of trained hours from that category during the Reporting Period / total number of employee from that category as of 31 December 2021.

備註:

- 9. 受訓僱員百分比 = 該類別於報 告期間受訓總僱員人數/於報 告期間受訓總僱員人數*100%。
- 10. 平均受訓時數 = 該類別於報告期間受訓總時數/截至二零二一年十二月三十一日該類別總僱員人數。



二零二一年環境、社會及管治報告

In addition, the Group also strongly encourages employees to participate in different industry conferences and forums. This will not only enable employees to keep abreast of industry knowledge and trends, but also promote the development of the industry. Industry conferences and forums in which the Group participated during the Reporting Period include but not limited to:

- Guangdong-Hong Kong-Macao Greater Bay Area Green Building Development Summit Forum;
- The 4th China BIPV Industry Leading Innovation Forum and Main Forum of Investment Promotion Conference:
- 2021 "Carbon Neutral, Zero Carbon China" Summit and the 4th China Energy Investment Development Forum;
- Hainan Photovoltaic and Building Integration Innovation and Development Online Forum;
- The latest developments in the application of renewable energy in construction;
- 2021 Spring Conference Crystal Silicon Advanced Photovoltaic Technology and Materials Forum;
- The 13th China Building Curtain Wall Industry Leading Entrepreneurs Summit;
- China Construction Science Conference and Green Intelligence Expo;
- 2021 Online Conference of International Summer School for Postgraduate Students Regarding Ship Marine and New Energy Utilization;
- Shuifa Xingye Energy Duel Carbon Strategy Exchange Meeting;
- The 7th Asia-Pacific Energy Sustainable Development High-End Forum — ESCI Sub-Forum;
- Specialist and New 2021 Autumn Online Strategy Meeting;
- 2021 "Crystalline Silicon Advanced Photovoltaic Technology and Materials Forum (ATPV)" Autumn.

除此,本集團亦十分鼓勵員工參 與不同的行業會議及論壇。此乃 不但能令員工緊貼行業知識及趨 勢,亦能推動行業發展。於報告 期間,本集團所參與的行業會議 及論壇包括但不限於:

- 粵港澳大灣區綠色建築發展 高峰論壇;
- 第四屆中國BIPV產業領跑 創新論壇暨招商大會主論 增;
- 2021「碳中和•零碳中國」 峰會暨第四屆中國能源投資 發展論壇;
- 海南光伏與建築一體化創新 發展在線論壇;
- 可再生能源在建築中應用的 最新發展:
- 2021年度春季會議 晶體 矽先進光伏技術和材料論 壇:
- 第十三屆中國建築幕牆行業 領軍企業家峰會;
- 中國建築科學大會暨綠色智慧博覽會;
- 2021年船舶海洋與新能源 利用研究生國際暑期學校線 上會議;
- 水發與業能源雙碳戰略交流 會;
- 第七屆亞太能源可持續發展 高端論壇 – ESCI 分論壇;
- 專精特新2021年秋季線上 策略會;及
- 2021年度「晶體矽先進光 伏技術和材料論壇(ATPV)」 秋季。

二零二一年環境、社會及管治報告

B4. Labour Standards

Prevention of Child and Forced Labour

The Group strictly complies with relevant laws and regulations including the Provision on the Prohibition of Using Child Labour and Labour Law of the Mainland China. During the Reporting Period, the Group was not aware of any material violations of laws and regulations in relation to child and forced labour which has a significant impact on the Group.

The Group prohibits the employment of any child and forced labour by its Mainland China operations and has formulated "Helping Child Labour and Underage Labour Protection and Control Procedures" and "Prohibition of Forced Labour Management and Control Procedures". The Group clearly stipulates that only employees over the age of 16 will be recruited. Before new employees' enrollment, we will review their identity documents to prevent the employment of child labour. Labour contracts of employees clearly specify the work time, place, tasks, and main responsibilities, ensuring that they are not required to execute work that is not within their terms of reference. If employees need to work overtime, overtime work is consensual and compensated by overtime pay or timeoff in lieu according to relevant laws and regulations to prevent forced overtime. The Group also prohibits any punishments, management methods and behaviours involving verbal abuse, physical punishment, physical abuse, oppression, sexual harassment (including inappropriate languages, postures and physical contact), etc. against its employees for any reasons. If any violation is found, the Group will handle it accordingly according to our internal policies and the actual situation.

B4. 勞工準則

防止童工及強制勞工

本集團嚴格遵守《禁止使用童工規定》、《中華人民共和國勞動法》等相關法律法規。於報告期間,本集團並未發現任何重大違反與童工及強制勞工相關的法例法規而對本集團產生重大影響。

本集團禁止其中國內地業務僱用 任何童工及強制勞工, 並已制定 《救濟童工及未成年工保護控制 程序》及《禁止強迫性勞工管理控 制程序》。本集團明確規定只招 收16歲以上的員工。在員工入職 前,我們會審核員工的身份證明 檔,防止聘請童工。而每位員工 的勞動合同上都清楚列明其工作 時間、地點、任務和主要職責, 保障員工免被安排執行不在其職 責範圍內的工作。倘員工需要逾 時工作,加班工作須經協商一 致, 並按相關法例法規以加班費 或補假作補償,以防止強制加班 的情況發生。本集團亦禁止以任 何理由對員工進行辱駡、體罰、 暴力、精神壓迫、性騷擾(包括不 恰當語言、姿勢和身體的接觸)等 懲罰性措施、管理方法和行為。 如發現任何違規情況,本集團將 按內部政策及實際情況任出相應 處理。



二零二一年環境、社會及管治報告

B5. Supply Chain Management

The Group understands the importance of green supply chain management to reducing indirect environmental and social risks and has formulated "Sunshine Procurement Management Measures". With regard to green supply chain management, we require suppliers to regulate their environmental and social practices, and strive to cause suppliers to act in a socially responsible manner.

Management of Supplier Environmental and Social Risks

The Group expects to have long-term cooperation with suppliers to joint sustainable development and take initiative of innovation. The Group has been conducting public bidding procurement in an open, fair and honest manner as competitive principle and has formulated "New Supplier Review Procedures". During the Reporting Period, the Group has implemented such practices on a total of 36 new suppliers. During the selection process of suppliers, we will give priority to suppliers who have obtained certifications such as "ISO9001 Quality Management System Certification", "ISO14001 Environmental Management System Certification", and "OHSAS18001 Occupational Health and Safety Management System Certification". The Group will also give priority to suppliers that apply environmentally friendly products and service practices, to ensure that the suppliers have sufficient support for product quality, environmental protection, energy saving, emission reduction, and occupational safety and health.

B5. 供應鏈管理

本集團瞭解到綠色供應鏈管理對 降低間接環境及社會風險之重要 性,因此已制定《陽光採購管理辦 法》。就綠色供應鏈管理而言,我 們要求供應商對環境及社會所作 出的實踐並努力促使供應商作出 對社會負責之行為。

供應商環境及社會風險管理

本集團期望與供應商長期合作, 共同持續發展,攜手踏出創新的 每一步。本集團一直以公開、公 平、公正、競爭擇優原則進行招 標採購,並已制定《新供應商評審 流程》。於報告期間,本集團已對 共36個新供應商執行有關慣例。 在選擇供應商時,我們會優先考 慮取得「ISO9001質量管理體系認 證 I、「ISO14001環境管理體系認 證」、「OHSAS18001職業健康與 安全管理體系認證」等認證證書 的供應商,本集團亦會優先選擇 使用環保產品及服務慣例的供應 商,以確認供應商於產品質量、 環境保護、節能減排、職業安全 及健康等範疇有足夠投入。

二零二一年環境、社會及管治報告

The Group has established "Supplier Questionnaire" and will also conduct site visits to some suppliers' factories and conduct field sampling inspections to ensure that its production equipment is qualified, personnel and facilities are adequate, and the production process and products meet the national quality standards. For qualified suppliers, we will continue to supervise and inspect their products and services. We also regularly update our list of major suppliers, and we will periodically evaluate suppliers' performance on agreed terms, and take them as a basis for selecting suppliers and improving supplier management. During the Reporting Period, the Group has a total of 542 (2020: 383) suppliers from Mainland China.

B6. Product Responsibility

The Group attaches great importance to the quality of its products and its corporate reputation, and actively monitors the quality of its products and services through internal controls with a commitment to producing quality products that meet international industry standards. We also maintain communication with our customers to ensure that we understand and meet their needs and expectations so as to understand their satisfaction and continuously improve the quality of our services.

We zealously comply with relevant laws and regulations, such as the Law of the Mainland China on Protection of Consumer Rights, the Advertising Law of the Mainland China and the Patent Law of the Mainland China. During the Reporting Period, the Group was not aware of any material violations of laws and regulations on health and safety, advertising, labelling, privacy matters and methods of redress which has a significant impact on the Group.

During the Reporting Period, the Group also did not record any products has to be recalled for safety and health reasons from the total number of products sold or shipped and no record of any major complaints regarding any products and services.

B6. 產品責任

本集團十分重視產量質素及企業 信譽,積極透過內部監控確保產 品及服務質素,致力生產符合國 際行業標準的優質產品。我們亦 一直保持與顧客的溝通,確保理 解和滿足顧客的需求和期望,並 希望瞭解客戶的滿意情況,以對 我們的服務品質不斷作出改進。

我們積極遵守《中華人民共和國消費者權益保護法》、《中華人民共和國消費者權益保護法》、《中華人民共和國專利法》等相關法律法規的規定。於報告期間,本集團並未發現任何重大違反與健康及安全、廣告、標籤及隱私事宜及補救方法的相關法律法規宜而對本集團產生重大影響。

於報告期間,本集團亦沒有錄得任何已售或已運送產品總數中因安全與健康理由而須回收的產品和任何產品及服務的重大投訴。



二零二一年環境、社會及管治報告

Quality Control

As the Group places considerable value on the quality of its products, we have formulated the "Product Monitoring, Measurement and Control Procedures", "Construction Process Quality Inspection and Acceptance Management System", "Construction Quality Management System" and "Quality Management Inspection, Analysis, Evaluation and Improvement Management System" to inspect the quality of raw materials, processed semi-finished products, finished products, onsite construction and engineering completion to ensure that the quality of products and constructions meet the specified requirements. We have also designed detailed incoming quality control, processing inspection and construction site inspection procedures, and employed third-party accredited testing centers to test the physical properties of some products to ensure that the products meet the quality requirements. We also have specifically defined the responsibilities of different departments and related personnel throughout the process to ensure that all procedures are accurately implemented. Unqualified raw materials or products will be dealt with by relevant personnel according to the "Non-conforming Product Control Procedures".

During the construction process, we inspect the key processes according to the requirements of the construction drawings, and inspect the construction of the project regularly, and conduct regular quality inspections every quarter. We will also conduct inspection after the construction is completed. If the owner discovers any quality problems after using, we will take related measures based on the extent of the substandard impact or the potential impact. We also identify the resources, materials, equipment, spare parts, semi-finished products, finished products and engineering inspection status for the project to trace the quality of the project and the safety quality of the products.

品質管理

本集團重視產品的質量,因此我 們制定《產品監視和測量控制程 序》、《施工過程質量檢查和驗收 管理制度》、《施工質量管理制度》 及《質量管理檢查、分析、評價和 改進管理制度》,對原材料、加工 半成品、成品、現場施工及工程 竣工的質量進行檢驗,確保產品 及工程質量滿足規定要求。我們 亦設計了仔細的進料檢驗、加工 過程檢驗及施工現場過程檢驗流 程,並聘請第三方合資格的檢測 試驗中心試驗部份產品的物理性 能,確保產品符合質量要求。我 們亦清楚劃分不同部門與相關人 員在整個流程上的各項職責,確 保所有程序得以準確執行。對於 不合格的原料或產品,相關人員 會按《不合格品控制程序》進行處

二零二一年環境、社會及管治報告

Customer Service

The Group attaches great importance to the importance of customer service, and believes that customer satisfaction plays a critical factor in the production and business sustainability of the Group. Therefore, the Group has established the "Customer Satisfaction Control Procedure" and "Customer Service Control Procedure" to ensure that customers' complaints are handled properly in a timely manner through customer satisfaction investigation, evaluation and analysis to their satisfaction. The Group has established the Project Dispatching Center which is mainly responsible for the investigation of customer satisfaction. statistical analysis of survey results, receipt, transmitting and summarisation of information and complaints from customers and feedback on the results of processing customers' complaints. The Project Dispatching Center will conduct a survey on customer satisfaction for each year, and submit the "Customer Satisfaction Survey Form" based on the customer's significance by tranches to investigate the customer's satisfaction with the quality of project and service.

Privacy Protection

The Group has always respected personal privacy and IP Rights and strictly protects personal data of our customers and our IP Rights. To safeguard the Group's interests, the Group has established and requires all employees to strictly abide by the "Confidential Policy". We will sign confidentiality agreement and non-competition agreement with our employees, and provide monthly confidential subsidies to some employees to ensure that the information of customers will not be leaked. In addition to irregularly conducting information security education and training, we also set up a mechanism for information management authority auditing and information security management to ensure data security. We signed confidentiality agreements with suppliers and customers to strengthen the protection of business secrets and safeguard the legal rights of both parties.

客戶服務

本集團極為重視客戶服務的重要 性,深信滿足客戶是本集團生產 及業務可持續發展的關鍵因素之 一。因此,本集團制定了《顧客 滿意度控制程序》及《顧客服務控 制程序》,通過對顧客滿意度的 調查,評價和分析,及時妥善處 理顧客投訴,確保顧客滿意。本 集團成立了工程調度中心,其主 要職責為負責對顧客滿意度進行 調查,對其調查結果進行統計分 析,對顧客反饋的資訊及投訴進 行接收、傳遞和匯總,以及反饋 顧客投訴資訊處理結果。工程調 度中心會於每年對顧客滿意情況 進行一次調查,按照客戶的重點 程度分批發信《顧客滿意度調查 表》,調查顧客對工程及服務質量 等滿意情況。

隱私保護

本集團一直非常尊重個人私隱權 及知識產權,嚴格保護客戶的個 人資料及我們的知識產權。為了 維護本集團利益,本集團制定了 《保密制度》, 並要求全體員工嚴 格遵守。我們要會與員工簽訂保 密、競業限制協議,並每月為部 份員工提供保密補貼,確保客戶 的資料不會被洩露。我們除了不 定期進行資訊安全教培訓,亦制 定有關資訊管理用戶權限審核及 資訊安全管理的機制,以確保數 據的安全性。我們與供應商及客 戶簽署保密協議,加強對企業商 業秘密的保護,維護雙方合法權 益。



二零二一年環境、社會及管治報告

Protection for IP Rights

As the Group has made frequent breakthroughs in the research and development of new products, product patents and IP Rights have become the core market competitiveness of the Group. The comprehensive system ensures that the IP Rights of the Group are not violated, and avoids infringing upon other patents and IP Rights. During the Reporting Period, the Group had 79 new patents for which it applied, such as:

- A coiling ITO coating equipment and its application;
- A method for measuring battery capacity of photovoltaic construction energy storage system;
- EVA/PVB laminated glass protected liquid crystal-based film structures and glass units for windows;
- Liquid crystal thermochromic film laminated glass and insulating glass unit; and
- A construction energy consumption prediction method based on GBDT algorithm.

Advertising and Labelling

For the promotion and sales work, the Group complies with relevant laws and regulations such as the Advertising Law of the Mainland China, strives to provide accurate information on our marketing material and forbids employees to make any false, misleading or inaccurate statement in any form of marketing activities. The Group strictly complies with relevant laws and regulations such as the Patent Law of the Mainland China and the Trademark Law of the Mainland China.

知識產權維護

本集團在新產品研發上屢有突破,因此產品專利和智慧財產權已成為本集團市場競爭力的核心要素。我們以最完善的系統,確保本集團智慧財產權不受侵犯,亦避免侵犯他人之專利與智慧財產權。本集團在報告期間共有79個新申請的專利,舉例如下:

- 一種捲繞式ITO鍍膜設備及 其使用方法:
- 一種光伏建築儲能系統蓄電 池組容量的測算方法;
- EVA/PVB夾層玻璃保護液晶 基薄膜結構及窗戶用玻璃單 元:
- 液晶基熱致變色薄膜夾膠層 壓玻璃及中空玻璃單元;及
- 一種基於GBDT算法的建築 能耗預測方法。

廣告及標籤

在宣傳和銷售工作時,本集團遵守《中華人民共和國廣告法》等相關法律法規,努力於宣傳物品上提供準確資料,並禁止於僱員在任何形式的營銷活動中作出任何虛假、誤導或不準確的陳述。本集團嚴格遵守《中華人民共和國專利法》和《中華人民共和國商標法》等相關法律法規。

二零二一年環境、社會及管治報告

B7. Anti-corruption

Anti-corruption

The Group is committed to building a clean and healthy corporate system and vigorously combating corruption and other improper business practices. We strictly abide by laws and regulations concerning the prevention of bribery, extortion, fraud and money laundering, and clearly stipulate that employee should be honest, loyal to their duties, and shall not abuse their official powers to seek any improper benefits. We strictly implement laws and regulations such as the Criminal Law of Mainland China, Company Law of Mainland China and Anti-unfair Competition Law of Mainland China. During the Reporting Period, the Group was not aware of any material violations with laws and regulations related to the prevention of bribery, extortion, fraud and money laundering which has a significant impact on the Group, nor did it have any concluded corruption cases against the Group or its employees.

The Group has established the "Integrity Communication System" and the "2022 Responsibility Letter for the Construction of an Integrity CCP". We have also adopted a clear avoidance system, prohibiting direct leadership relationships among employees who have husband and wife relationships, immediate family relationships, close family relationships and three generation collateral relatives. Moreover, we clearly stipulate that employee should be honest, loyal to their duties, and shall not abuse their official powers to seek any improper benefits. We sign an "Integrity Agreement" with our customers to enhance their mutual legal awareness of business operations and integrity, improve self-discipline and self-supervision mechanisms, and create a law-abiding, honest, efficient and clean working environment to prevent the occurrence of violations of law and discipline.

B7. 反貪污

反貪污

本集團致力建設廉潔健康的企業 體系,大力打擊貪污和其他不正 當的經營手法。我們嚴格遵守有 關防止賄賂、勒索、欺詐及洗黑 錢的法律法規,明確規定員工必 須忠於職守,廉潔奉公,不得利 用職權謀取任何不當利益。我 們嚴格執行《中華人民共和國刑 法》、《中華人民共和國公司法》及 《中華人民共和國反不正當競爭 法》等法律法規。於報告期間,本 集團並未發現任何重大違反與防 止賄賂、勒索、欺詐及洗黑錢相 關的法律法規而對本集團產生重 大影響,亦沒有對本集團或其僱 員提出並已審結的貪污訴訟案件。

本集團制定了《廉政談話制度》 及《2022年度黨風廉政建設責任 書》,我們亦制定明確的回避制 度,員工不得與親屬建立直接 的上下級領導關係,親屬關係 包括夫妻關係、直系血親關係、 近姻親關係以及三代以內旁系血 親等。另外,我們亦明確規定員 工需廉潔奉公, 忠於職守, 不得 利用職權謀取任何不當利益。我 們與客戶簽訂《廉潔協議書》,以 增強雙方依法經營、廉潔從業意 識,完善自我約束、自我監督機 制,營造守法誠信、廉潔高效的 工作環境,防止發生違法違紀行 為。



二零二一年環境、社會及管治報告

Whistleblowing Procedure

The Group has established relevant reporting procedures such as setting up an anonymous reporting box and an OA reporting window to encourage employees to report corruption and bribery through these relevant channels. The Group will also protect the identity of the whistleblower and will handle relevant cases in accordance with the procedures for petition and reporting promulgated by the disciplinary investigation and supervision authority of the country to ensure the corporate culture of the Group is with integrity and honesty. The Group will regularly review its policies and systems to ensure the effectiveness of the systems.

The Group believes that a corporate culture with integrity and honesty is the key to the Group's continued success. Therefore, the Group place great emphasis on its anti-corruption work and system building, and is committed to establishing a clean, open and transparent corporate culture, as well as focusing on employees' professional ethics. In order to comply with the social distancing regulations promulgated by the country, the Group did not arrange any relevant training during the Reporting Period, however, the Group circulated anti-corruption-related information to its directors and employees from time to time to maintain a highly clean corporate culture of the Group.

舉報程序

本集團設立了匿名舉報箱及OA 舉報窗口等相關舉報程序,鼓勵 員工通過其相關渠道檢舉貪污賄 賂事宜,本集團亦會保護檢舉畬 身份,並根據國家的紀檢監察機 關信訪舉報工作程序處理相關案 件,以確保本集團其廉潔的企業 文化。本集團將定期審查其政策 及制度,以確保制度之有效性。

本集團相信廉潔的企業文化是本 集團持續成功的關鍵,因此本制 團極為重視反貪污的工作及所 建設,並致力建設廉潔公開透 建設,並致力建設廉潔公開透 業文化,以及注重僱員的職 業立業。為遵守國家社交延 定 ,於報告期間本集團有定 排相關培訓,但本集團有定期 向董事及員工傳閱反貪污相關 料,以保持本集團高度廉潔企業 文化。

二零二一年環境、社會及管治報告

B8. Community Investment

Harmonious Singyes

While pursuing business development, the Group has spared no effort in contributing to the community and the industry. As an enterprise with social responsibility, the Group has established relevant policy regarding community investment and actively utilises our scientific and technological achievements to promote public welfare development and help people in need. During the Reporting Period, the Group has participated in volunteering work 6 times (15 hours in total) to support social charities and public welfare, and a total of 99 employees have volunteered in the following activities:

- "Respect the Elderly and Promote Chinese Virtues"
 Double Ninth Festival activity;
- "Visiting Old CCP Members, Committed to Our Original Aspiration of Learning the History of CCP" Visiting old CCP members in the community;
- "Celebrating the 100th Anniversary of the Founding of the CCP" Visiting old grass-roots CCP members;
- CCP history lectures; and
- Visiting people with needs and difficulties.

The Group also wish to develop employees' sense of social responsibility, so as to encourage them to participate in charity activities at work and spare time to make greater contributions to the community. We believe that by participating in contributions to the community, we can enhance employees' civic awareness and cause them to develop right values. The Group will actively consider participating in more community activities in the future, such as environmental protection and labourer.

B8. 社區投資

和諧興業

- 「樹敬老之風,揚中華美德」 重陽慰問活動;
- 「走訪慰問老黨員,踐行初 心學黨史」慰問社區老黨員 活動;
- 「喜迎建黨100周年」走訪 慰問基層老黨員;
- 黨史宣講;及
- 走訪慰問困難群眾。

本集團希望培育僱員的社會責任 感,從而鼓勵他們在工作中參加 慈善活動,並抽出空餘時間為社 區作更大的貢獻。我們相信通過 參與奉獻社區的活動,我們相信通過 強僱員的公民意識,並為僱員樹 立正確的價值觀。本集團將在未 來積極考慮參與更多社區活動範 疇,例如:環保及營工等方面。



二零二一年環境、社會及管治報告

ESG REPORTING GUIDE CONTENT INDEX OF HONG KONG STOCK EXCHANGE

港交所環境、社會及管治報告指 引內容索引表

Mandatory Disclosure Require	ements	Section/Declaration	
強制披露規定		章節/聲明	
Governance Structure		The ESG Governance Str	ructure
管治架構		環境、社會及管治治理網	吉構
Reporting Principles		Reporting Framework	
匯報原則		報告框架	
Reporting Scope		Reporting Scope	
匯報範圍		報告範圍	
Aspects, General			
Disclosures and KPIs			
層面、一般披露及	Description		Section/Declaration
關鍵績效指標	描述		章節/聲明

Aspect A1: Emissions 層面A1:排放物

General Disclosure 一般披露 Information on:

Emissions 排放物

- (a) the policies; and
- (b) compliance with relevant laws and regulations that have a significant impact on the issuer

relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.

有關廢氣及溫室氣體排放、向水及土地的排污、有害 及無害廢棄物的產生等的:

- (a) 政策;及
- (b) 遵守對發行人有重大影響的相關法律及規例

的資料。

二零二一年環境、社會及管治報告

Aspects, General Disclosures and KPIs 層面、一般披露及 關鍵績效指標	Description 描述	Section/Declaration 章節/聲明
KPI A1.1 關鍵績效指標 A1.1	The types of emissions and respective emissions data. 排放物種類及相關排放數據。	Emissions — Exhaust Gas Emissions 排放物 — 廢氣排放
KPI A1.2 關鍵績效指標A1.2	Direct (Scope 1) and energy indirect (Scope 2) greenhouse gas emissions (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility). 直接(範圍1)及能源間接(範圍2)溫室氣體排放量(以噸計算)及(如適用)密度(如以每產量單位、每項設施計算)。	Emissions — GHG Emissions 排放物 — 溫室氣體排放
KPI A1.3 關鍵績效指標A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility). 所產生有害廢棄物總量(以噸計算)及密度。所產生有害廢棄物總量(以噸計算)及(如適用)密度(如以每產量單位、每項設施計算)。	Not applicable — Explained 不適用 — 已解釋
KPI A1.4 關鍵績效指標 A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility). 所產生無害廢棄物總量(以噸計算)及(如適用)密度(如以每產量單位、每項設施計算)。	Emissions — Waste Management 排放物 — 廢棄物管理
KPI A1.5 關鍵績效指標A1.5	Description of emissions target(s) set and steps taken to achieve them. 描述所訂立的排放量目標及為達到這些目標所採取的步驟。	Emissions — Exhaust Gas Emissions, GHG Emissions 排放物 — 廢氣排放、溫室氣體排 放
KPI A1.6 關鍵績效指標 A1.6	Description of how hazardous and non-hazardous wastes are handled, and a description of reduction	Emissions — Waste Management 排放物 — 廢棄物管理

target(s) set and steps taken to achieve them.

減廢目標及為達到這些目標所採取的步驟。

描述處理有害及無害廢棄物的方法,及描述所訂立的



二零二一年環境、社會及管治報告

Aspects, General Disclosures and KPIs

層面、一般披露及DescriptionSection/Declaration關鍵績效指標描述章節/聲明

Aspect A2: Use of Resources

層面 A2: 資源使用

General Disclosure

一般披露

Policies on the efficient use of resources, including

energy, water and other raw materials.

有效使用資源(包括能源、水及其他原材料)的政策。

Use of Resources

資源使用

KPI A2.1

關鍵績效指標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).

按類型劃分的直接及/或間接能源(如電、氣或油)總耗量(以千個千瓦時計算)及密度(如以每產量單

位、每項設施計算)。

Use of Resources — Energy

Management

資源使用 一 能源管理

KPI A2.2

關鍵績效指標A2.2

Water consumption in total and intensity (e.g. per unit of production volume, per facility).

總耗水量及密度(如以每產量單位、每項設施計算)。

Use of Resources — Water Management

資源使用 — 用水管理

KPI A2.3

關鍵績效指標A2.3

Description of energy use efficiency target(s) set and steps taken to achieve them.

描述所訂立的能源使用效益目標及為達到這些目標所

採取的步驟。

Use of Resources — Energy

Management

資源使用 — 能源管理

KPI A2.4

關鍵績效指標A2.4

Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency target(s)

set and steps taken to achieve them.

描述求取適用水源上可有任何問題,以及所訂立的用水效益目標及為達到這些目標所採取的步驟。

Use of Resources — Water Management

資源使用 — 用水管理

KPI A2.5

關鍵績效指標 A2.5

Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit

produced.

製成品所用包裝材料的總量(以噸計算)及(如適用)

每生產單位佔量。

Use of Resources — Use of Packaging Materials

資源使用 — 包裝材料使用

二零二一年環境、社會及管治報告

Aspects, General Disclosures and KPIs

層面、一般披露及

Description

Section/Declaration

章節/聲明

關鍵績效指標

描述

Aspect A3: The Environment and Natural Resources

層面 A3:環境及天然資源

General Disclosure

一般披露

Policies on minimising the issuer's significant impacts

on the environment and natural resources.

描述業務活動對環境及天然資源的重大影響及已採取

管理有關影響的行動。

The Environment and Natural

Resources

環境及天然資源

KPI A3.1

關鍵績效指標A3.1

Description of the significant impacts of activities on the environment and natural resources and the

actions taken to manage them.

描述已經及可能會對發行人產生影響的重大氣候相關

事宜,及應對行動。

The Environment and Natural

Resources — Noise

Management, Green Building 環境及天然資源 — 噪音管理、

綠色建築

Aspect A4: Climate Change

層面 A4: 氣候變化

General Disclosure

一般披露

Policies on identification and mitigation of significant climate-related issues which have impacted, and

those which may impact, the issuer.

識別及應對已經及可能會對發行人產生影響的重大氣

候相關事宜的政策。

Climate Change 氣候變化

KPI A4.1

關鍵績效指標A4.1

Description of the significant climate-related issues which have impacted, and those which may impact,

the issuer, and the actions taken to manage them. 描述已經及可能會對發行人產生影響的重大氣候相關

事宜,及應對行動。

Climate Change — Physical Risks, Transition Risks

氣候變化 — 實體風險、轉型風險



二零二一年環境、社會及管治報告

Aspects, General Disclosures and KPIs

層面、一般披露及

關鍵績效指標

Description

描述

Section/Declaration

章節/聲明

Aspect B1: Employment

層面B1:僱傭

General Disclosure 一般披露 Information on:

Employment 僱傭

(a) the policies; and

(b) compliance with relevant laws and regulations that have a significant impact on the issuer

relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.

有關薪酬及解僱、招聘及晉升、工作時數、假期、平 等機會、多元化、反歧視以及其他待遇及福利的:

- (a) 政策;及
- (b) 遵守對發行人有重大影響的相關法律及規例

的資料。

KPI B1.1

關鍵績效指標B1.1

Total workforce by gender, employment type (for example, full- or parttime), age group and

geographical region.

按性別、僱傭類型(如全職或兼職)、年齡組別及地

區劃分的僱員總數。

Employment — Employment

Practice

僱傭 — 僱傭慣例

KPI B1.2

關鍵績效指標B1.2

Employee turnover rate by gender, age group and geographical region.

按性別、年齡組別及地區劃分的僱員流失比率。

Employment — Employment

Practice

僱傭 — 僱傭慣例

二零二一年環境、社會及管治報告

Aspects, General **Disclosures and KPIs**

層面、一般披露及

關鍵績效指標

Description 描述

Section/Declaration

章節/聲明

Aspect B2: Health and Safety 層面 B2:健康與安全

General Disclosure

一般披露

Information on:

Health and Safety

(a) the policies; and

> compliance with relevant laws and regulations that have a significant impact on the issuer

> relating to providing a safe working environment and protecting employees from occupational hazards. 有關提供安全工作環境及保障僱員避免職業性危害 的:

- 政策;及 (a)
- 遵守對發行人有重大影響的相關法律及規例

的資料。

year.

KPI B2.1

關鍵績效指標B2.1

Number and rate of work-related fatalities occurred in each of the past three years including the reporting

過去三年(包括匯報年度)每年因工亡故的人數及比

KPI B2.2

KPI B2.3

關鍵績效指標B2.2

關鍵績效指標B2.3

Lost days due to work injury.

因工傷損失工作日數。

Description of occupational health and safety measures adopted, and how they are implemented

and monitored.

描述所採納的職業健康與安全措施,以及相關執行及

監察方法。

健康與安全

Health and Safety 健康與安全

Health and Safety 健康與安全

Health and Safety — Safety

Management, Safety Education and Publicity, Responding to the

Pandemic

健康與安全 一安全管理、安全教 育及宣傳、應對疫情



二零二一年環境、社會及管治報告

Aspects, General Disclosures and KPIs

層面、一般披露及 Description Section/Declaration

關鍵績效指標描述章節/聲明

Aspect B3: Development and Training

層面 B3:發展及培訓

General Disclosure

一般披露

Policies on improving employees' knowledge and skills for discharging duties at work. Description of training

activities.

有關提升僱員履行工作職責的知識及技能的政策。描

述培訓活動。

KPI B3.1

關鍵績效指標B3.1

The percentage of employees trained by gender and employee category (e.g. senior management, middle

management).

按性別及僱員類別(如高級管理層、中級管理層)劃

分的受訓僱員百分比。

KPI B3.2

關鍵績效指標B3.2

The average training hours completed per employee

by gender and employee category.

按性別及僱員類別劃分,每名僱員完成受訓的平均時

數。

Development and Training

發展及培訓

Development and Training —

Development and Training 發展及培訓 — 發展及培訓

Development and Training — Development and Training

發展及培訓 — 發展及培訓

二零二一年環境、社會及管治報告

Aspects, General **Disclosures and KPIs**

層面、一般披露及

關鍵績效指標

描述

Description

Section/Declaration

章節/聲明

Aspect B4: Labour Standards

層面 B4: 勞工準則

General Disclosure

一般披露

Information on:

Labour Standards 勞工準則

(a) the policies; and

(b) compliance with relevant laws and regulations that have a significant impact on the issuer

relating to preventing child and forced labour. 有關防止童工或強制勞工的:

- 政策;及 (a)
- 遵守對發行人有重大影響的相關法律及規例

的資料。

KPI B4.1

關鍵績效指標B4.1

Description of measures to review employment practices to avoid child and forced labour.

描述檢討招聘慣例的措施以避免童工及強制勞工。

Labour Standards — Prevention of Child and Forced Labour

勞工準則 一 防止童工及強制勞工

KPI B4.2

關鍵績效指標B4.2

Description of steps taken to eliminate such practices when discovered.

描述在發現違規情況時消除有關情況所採取的步驟。

Labour Standards — Prevention of Child and Forced Labour

勞工準則 -- 防止童工及強制勞工



- 零二一年環境、社會及管治報告

Description

Aspects, General **Disclosures and KPIs**

層面、一般披露及

關鍵績效指標

描述

Section/Declaration

章節/聲明

Aspect B5: Supply Chain Management

層面 B5: 供應鏈管理

General Disclosure

一般披露

Policies on managing environmental and social risks

of the supply chain.

管理供應鏈的環境及社會風險政策。

Supply Chain Management

供應鏈管理

KPI B5.1

關鍵績效指標B5.1

Number of suppliers by geographical region.

按地區劃分的供應商數目。

Supply Chain Management

 Management of Supplier Environmental and Social Risks 供應鏈管理 — 供應商環境及社會

風險管理

KPI B5.2

關鍵績效指標B5.2

Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and

monitored

描述有關聘用供應商的慣例,向其執行有關慣例的供

應商數目,以及相關執行及監察方法。

Supply Chain Management

 Management of Supplier Environmental and Social Risks 供應鏈管理 — 供應商環境及社會

風險管理

KPI B5.3

關鍵績效指標B5.3

Description of practices used to identify environmental and social risks along the supply chain, and how they

are implemented and monitored.

描述有關識別供應鏈每個環節的環境及社會風險的慣

例,以及相關執行及監察方法。

Supply Chain Management

 Management of Supplier Environmental and Social Risks 供應鏈管理 — 供應商環境及社會

風險管理

KPI B5.4

關鍵績效指標B5.4

Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are

implemented and monitored.

描述在揀選供應商時促使多用環保產品及服務的慣

例,以及相關執行及監察方法。

Supply Chain Management

 Management of Supplier Environmental and Social Risks 供應鏈管理 — 供應商環境及社會

風險管理

二零二一年環境、社會及管治報告

Aspects, General Disclosures and KPIs

層面、一般披露及

關鍵績效指標

描述

Description

Section/Declaration

章節/聲明

Aspect B6: Product Responsibility

層面 B6:產品責任

General Disclosure

一般披露

Information on:

Product Responsibility

產品責任

- (a) the policies; and
- (b) compliance with relevant laws and regulations that have a significant impact on the issuer

relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.

有關所提供產品和服務的健康與安全、廣告、標籤及 私隱事宜以及補救方法的:

- (a) 政策;及
- (b) 遵守對發行人有重大影響的相關法律及規例

的資料。

KPI B6.1

關鍵績效指標B6.1

Percentage of total products sold or shipped subject to recalls for safety and health reasons.

已售或已運送產品總數中因安全與健康理由而須回收 的百分比。

Product Responsibility

產品責任

KPI B6.2

關鍵績效指標B6.2

Number of products and service related complaints received and how they are dealt with.

接獲關於產品及服務的投訴數目以及應對方法。

Product Responsibility — Customer Service 產品責任 — 客戶服務

KPI B6.3

關鍵績效指標 B6.3

Description of practices relating to observing and protecting intellectual property rights.

描述與維護及保障知識產權有關的慣例。

Product Responsibility — Protection for IP Rights 產品責任 — 知識產權維護



ENVIRONMENTAL, SOCIAL AND GOVERNANCE REPORT 2021 二零二一年環境、社會及管治報告

Aspects, General Disclosures and KPIs 層面、一般披露及 關鍵績效指標	Description 描述	Section/Declaration 章節/聲明
KPI B6.4 關鍵績效指標 B6.4	Description of quality assurance process and recall procedures. 描述質量檢定過程及產品回收程序。	Product Responsibility — Quality Control 產品責任 — 品質管理
KPI B6.5 關鍵績效指標 B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored. 描述消費者資料保障及私隱政策,以及相關執行及監察方法。	Product Responsibility — Privacy Protection 產品責任 — 隱私保護
Aspect B7: Anticorruption 層面 B7:反貪污		
General Disclosure 一般披露	Information on: (a) the policies; and	Anti-corruption 反貪污
	(b) compliance with relevant laws and regulations that have a significant impact on the issuer	
	relating to bribery, extortion, fraud and money laundering. 有關防止賄賂、勒索、欺詐及洗黑錢的:	
	(a) 政策:及	
	(b) 遵守對發行人有重大影響的相關法律及規例	
	的資料。	

二零二一年環境、社會及管治報告

Aspects, General		
Disclosures and KPIs 層面、一般披露及 關鍵績效指標	Description 描述	Section/Declaration 章節/聲明
KPI B7.1 關鍵績效指標 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. 於匯報期內對發行人或其僱員提出並已審結的貪污訴訟案件的數目及訴訟結果。	Anti-corruption 反貪污
KPI B7.2 關鍵績效指標 B7.2	Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored. 描述防範措施及舉報程序,以及相關執行及監察方法。	Anti-corruption — Whistleblowing Procedure 反貪污 — 舉報程序
KPI B7.3 關鍵績效指標 B7.3	Description of anti-corruption training provided to directors and staff. 描述向董事及員工提供的反貪污培訓。	Anti-corruption — Whistleblowing Procedure 反貪污 — 舉報程序
Aspect B8: Community In 層面B8:社區投資	vestment	
General Disclosure 一般披露	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests. 有關以社區參與來瞭解營運所在社區需要和確保其業務活動會考慮社區利益的政策。	Community Investment 社區投資
KPI B8.1 關鍵績效指標 B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport). 專注貢獻範疇(如教育、環境事宜、勞工需求、健康、文化、體育)。	Community Investment — Harmonious Singyes 社區投資 — 和諧興業
KPI B8.2 關鍵績效指標 B8.2	Resources contributed (e.g. money or time) to the focus area.	Community Investment — Harmonious Singyes

在專注範疇所動用資源(如金錢或時間)。

社區投資 一和諧興業



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