



中國建築興業集團有限公司

CHINA STATE CONSTRUCTION DEVELOPMENT HOLDINGS LIMITED

(Incorporated in the Cayman Islands with limited liability)

(於開曼群島註冊成立之有限公司)

Stock Code 股份代號：00830

LEAPING TOWARDS
A SUSTAINABLE
FUTURE

昂首邁進 可持續未來

2024

SUSTAINABILITY REPORT

可持續發展報告



Building Happiness and Leading the Trend

精築幸福 創領潮流

Tide, born from the ocean, and
leads the ocean forward

With the guidance of China Overseas' "Leading Culture"
we move together with "One Country, Two Systems" policy
and resonate with the "Reform and Opening-up" of China

Hong Kong-rooted, China-anchored, Global-reached
Keep breaking through, Lead the trends, Scale new heights

潮，因海而生；
海，因潮而遠。

我們以中海「領潮文化」為指引，
與「一國兩制」同心同向，
與改革開放同軌共鳴。

紮根香港，背靠祖國，放眼世界，
持續突破，引領潮流，勇攀高峰。



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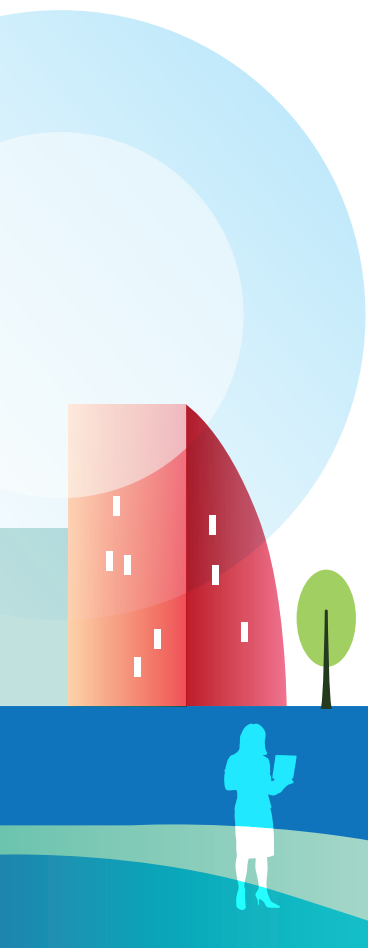
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DEFINITIONS 詞匯釋義

The following words and expressions shall have the following definitions unless otherwise stipulated in the Report.
除非報告中另有說明，則下列詞彙的定義如下：



"Group" or "We"	「本集團」或「我們」	Collective reference of China State Construction Development Holdings Limited and its subsidiaries	中國建築興業集團有限公司及其附屬公司的統稱
"Report"	「Report」	Sustainability Report 2024 of China State Construction Development Holdings Limited	中國建築興業集團有限公司之2024可持續發展報告
"year", "2024" or "reporting period"	「本年度」、 「2024年度」 或「報告期」	From 1 January 2024 to 31 December 2024	2024年1月1日至2024年12月31日
"Board"	「董事局」	The Board of Directors of China State Construction Development Holdings Limited	中國建築興業集團有限公司之董事局
"CSC Development" or "Company"	「中國建築興業」 或「本公司」	China State Construction Development Holdings Limited	中國建築興業集團有限公司
"Subsidiaries"	「附屬公司」	Subsidiaries of China State Construction Development Holdings Limited covered in the scope of the Report (see Reporting Boundary in Appendix I)	本報告範圍內所包括的中國建築興業集團有限公司之附屬公司（詳見附錄一的「報告範圍」章節）
"Far East (Hong Kong)"	「遠東香港」	Far East Facade (Hong Kong) Limited	遠東幕牆（香港）有限公司
"Far East (Shanghai)"	「遠東上海」	Far East Netfortune Facade (Shanghai) Company Limited*	遠東力進幕牆（上海）有限公司
"Far East (Zhuhai)"	「遠東珠海」	Far East Facade (Zhuhai) Limited*	遠東幕牆（珠海）有限公司
"Far East Photovoltaic"	「遠東光伏」	Far East Photovoltaic Technology (Guangdong) Company Limited*	遠東光伏科技（廣東）有限公司
"China Overseas Supervision"	「中海監理」	China Overseas Supervision Company Limited*	中海監理有限公司
"Huanggu Thermoelectricity"	「皇姑熱電」	Shenyang Huanggu Thermoelectricity Company Limited*	瀋陽皇姑熱電有限公司
"Treasure Construction"	「海悅建築」	Treasure Construction Engineering Limited	海悅建築工程有限公司
"Gamma Canada"	「遠東加拿大」	Gamma Windows and Walls International Inc.	Gamma Windows and Walls International Inc.
"Gamma USA"	「遠東美國」	Gamma USA, Inc.	Gamma USA, Inc.

DEFINITIONS 詞匯釋義

"ESG Reporting Guide"	「《ESG報告指引》」	The Environmental, Social and Governance Reporting Guide as set out in Appendix C2 to the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited	《香港聯合交易所有限公司證券上市規則》附錄C2《環境、社會及管治報告指引》
"GRI"	「GRI」	Global Reporting Initiative	全球報告倡議組織
"TCFD"	「TCFD」	Task Force on Climate-Related Financial Disclosures	氣候相關財務揭露
"UNSDGs"	「UNSDGs」	United Nations Sustainable Development Goals	聯合國可持續發展目標
"GHG"	「溫室氣體」	Greenhouse gas	溫室氣體
"BAPV"	「BAPV」	Building Attached Photovoltaic	建築附加光伏
"BIM"	「BIM」	Building Information Modelling	建築信息模型
"BIPV"	「BIPV」	Building-integrated Photovoltaics	建築光伏一體化
"ISO"	「ISO」	International Organization for Standardization	國際標準化組織
"Light A"	「Light A」	Lightweight aluminum-like photovoltaic modules	輕質仿鋁板光伏組件
"Light F"	「Light F」	High-strength rooftop floor photovoltaic modules	高強度屋面地板光伏組件
"Light R"	「Light R」	High-efficiency rooftop translucent modules	高效率屋面透光組件
"MiC"	「MiC」	Modular Integrated Construction	組裝合成建築法
"OHS"	「職安健」	Occupational Health and Safety	職業健康與安全
"PDCA"	「PDCA」	Plan-Do-Check-Act	策劃—實施—檢查—改進
"PIMS"	「PIMS」	Project Integrated Management System	項目綜合管理系統
"R&D"	「研發」	Research and Development	研究及開發
"Safety Management Committee"	「安全管理委員會」	The Safety Production Supervision and Management Committee	安全生產監督管理委員會
"SNCR"	「SNCR」	Selective Non-Catalytic Reduction	選擇性非催化還原
"HKEX"	「聯交所」	The Stock Exchange of Hong Kong Limited	香港聯合交易所有限公司

* For identification purpose only.
僅供識別之用。

MESSAGE FROM THE BOARD 董事局寄語

We are pleased to present our Sustainability Report for the financial year 2024. As a one-stop leading facade construction company, we fully recognise the significance of sustainability to our long-term corporate success. Over the years, we have consistently upheld the philosophy of “Promoting green civilization, upholding sustainable development, and pursuing the harmony between corporate development, production, life, and ecological development”. We are committed to pioneering a win-win situation between environmental protection and economic development in the construction sector, closely integrating corporate growth with ecological conservation.

The Group’s sustainability strategy is founded upon five key pillars: “Strategic Development”, “Excellent Environmental Management”, “Supporting Talent Development”, “Building a Sustainable Supply Chain” and “Serving and Giving Back to Community”. To achieve these strategic objectives, we have established a comprehensive sustainability management system with clear quantitative indicators and evaluation criteria. We have developed a professional risk assessment process and continuously strengthen our ability to identify and prevent sustainability risks through systematic management approaches. To ensure the effectiveness of risk management, we have clearly delineated departmental and subsidiary responsibilities, established a complete risk control mechanism, and regularly conduct evaluations and optimisations to continuously enhance our risk management capabilities.

Technological innovation is the core driver of our business development. This year, we established dedicated Technology Management Reform Leadership and Working Groups to comprehensively oversee the planning and implementation of innovation strategies. In terms of business development, we have positioned Building Integrated Photovoltaic (BIPV) products as a crucial growth point for future facade business, actively creating demonstration projects in first-tier cities to lead the industry’s green building development. To enhance engineering efficiency and safety, we have fully implemented digital transformation, utilising BIM technology to achieve project lifecycle management. Additionally, we introduced 3D scanning technology to improve production and construction precision, and utilised remote-controlled water testing robots, effectively reducing operational time whilst significantly lowering high-altitude operation risks. These innovations have not only enhanced engineering quality and efficiency but also provided valuable exploration for the industry’s intelligent development.

我們欣然向您呈報2024年度可持續發展報告。作為世界一流的站式建築幕牆服務商，我們深知可持續發展對企業長遠成功的重要性。多年來，我們始終堅持於「倡導綠色文明，堅持可持續發展，將企業發展與生產、生活、生態發展和諧統一」的理念，致力於在建築領域開創環保與經濟雙贏的新局面，將企業發展與生態環境保護緊密結合。

本集團的可持續發展戰略建基於五大核心支柱，包括「策略性發展」、「卓越環境管理」、「支持人才發展」、「建設可持續供應鏈」、「服務回饋社會」。為實現這些戰略目標，我們構建了全面的可持續發展管理體系，制定了清晰的量化指標和評估準則。我們建立了專業化的風險評估流程，通過系統化的管理方法，不斷加強對各類可持續發展風險的識別和預防能力。為確保風險管理的有效性，我們明確劃分各部門及附屬公司的職責分工，建立了完整的風險管控機制，並定期進行評估和優化，持續提升風險管理水平。

科技創新是驅動我們業務發展的核心動力。本年度，我們成立了專門的科技管理改革領導小組和工作小組，全面負責科技創新戰略的規劃與實施。在業務發展方面，我們將建築光伏一體化（BIPV）確立為未來幕牆業務的重要增長點，積極在一線高能級城市打造示範性項目，引領行業綠色建築發展方向。為提升工程效率和安全性，我們全面推行數字化轉型，運用BIM技術實現項目全生命週期管理。同時，我們創新性地引入3D掃描技術提高生產及施工精度，並利用遠程控制試水機器人，有效縮短工序時間的同時，顯著降低高空作業風險。通過這些技術創新，我們不僅提升了工程質量和效率，更為行業的智能化發展提供了有益探索。

MESSAGE FROM THE BOARD 董事局寄語

Occupational safety and health remain our top priorities. We are deeply aware of the significant safety and health risks in the construction field and have thus established a comprehensive safety management system. Through the formulation and implementation of safety management regulations, we provide clear guidance for safety management. Furthermore, we have established a dedicated Safety Management Committee that regularly reviews and updates safety policies to ensure their effectiveness and applicability. At the implementation level, we deploy professional safety supervision personnel at various project sites to conduct routine safety risk inspections and implement preventive measures promptly.

In response to the challenges posed by climate change, we are actively responding to the nation's 2060 carbon neutrality target while fully supporting Hong Kong's vision to achieve carbon neutrality before 2050. To address the urgency of climate change, we have formulated a clear carbon reduction roadmap, committing to reduce carbon emission intensity by 25% by 2026. We have adopted diverse energy-efficient and carbon reduction measures, continuously exploring and implementing innovative low-carbon solutions. In carbon asset management, we have achieved significant breakthroughs, with Huanggu Thermoelectricity successfully selling 42,796 tonnes of carbon allowances in the national carbon emission trading system, marking our first participation in carbon credit trading. Additionally, we continue to improve our carbon emissions management system, incorporating more Scope 3 emission categories into key performance indicators to further enhance the comprehensiveness and precision of carbon emissions management.

As an innovative large-scale professional facade construction enterprise, we uphold our "Leading Culture", with the mission of "We Manage Happiness" and practise the core values of "Customer-oriented, Quality Assurance, Value Creation". We are committed to being an industry pioneer and explorer, creating sustainable value for shareholders, employees, partners and society through stringent corporate governance and active social responsibility practices, leading the industry towards a more sustainable future.

職業安全與健康始終是我們工作的重中之重。我們深知在工程施工領域存在較大的安全與健康風險，因此建立了全面的安全管理體系。通過制定與實施安全管理制度，我們為安全管理提供了清晰的指引。此外，我們成立了專門的安全管理委員會，定期檢討和更新安全政策，確保其有效性和適用性。在具體執行層面，我們在各項目現場配置專業的安全監督人員，進行常態化的安全風險排查，並及時採取預防措施。

面對氣候變化帶來的全球性挑戰，我們積極響應國家2060年碳中和目標，同時全力支持香港地區實現2050年前碳中和的願景。為應對氣候變化的迫切性，我們制定了明確的減碳路線圖，承諾在2026年前將碳排放密度降低25%。為實現這一目標，我們採取了多元化的節能減碳措施，不斷探索和實施創新的低碳解決方案。在碳資產管理方面，我們已取得重要突破，皇姑熱電成功在全國碳排放權交易系統出售42,796噸碳配額，標誌著公司首次參與碳權交易。此外，我們持續完善碳排放管理體系，將更多範圍三的排放類別納入關鍵績效指標，進一步提升碳排放管理的全面性和精準性。

作為一家銳意創新的大型專業幕牆企業，我們秉持「領潮文化」，以「我們經營幸福」為使命，踐行「客戶為本，品質保障，價值創造」的核心價值觀。我們矢志成為行業的先行者和開拓者，通過嚴格的企業管治和積極的社會責任實踐，為股東、員工、合作夥伴及社會創造持續增值的價值，引領行業走向更可持續的未來。

CORPORATE PROFILE

China State Construction Development Holdings Limited (formerly known as "Far East Global Group Limited") was established in Hong Kong in 1969 and was listed on the Stock Exchange in 2010 (stock code 00830). In March 2012, the Group was successfully acquired by China State Construction International Holdings Limited and officially joined China Overseas Holdings Limited. It became a listed company under China State Construction Engineering Corporation specialising in building facades, achieving breakthrough development in business scale.

公司簡介

中國建築興業集團有限公司（前稱「遠東環球集團有限公司」）於1969年在香港成立，於2010年在香港聯合交易所上市（股票代號00830），於2012年3月被中國建築國際集團有限公司成功收購，正式加入中國海外集團有限公司，成為中國建築集團旗下一家以建築幕牆為主業的上市公司，業務規模實現跨越發展。

About the Group

關於本集團



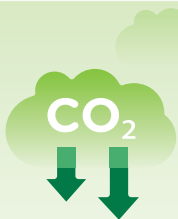
ABOUT THE GROUP 關於本集團

SUSTAINABILITY PERFORMANCE HIGHLIGHTS 可持續發展表現回顧

Key Performance Highlights 2024

Decarbonisation 減碳

- Decarbonisation target: Reducing carbon intensity (total Scope 1 and Scope 2 emissions per HKD million revenue) by **25%** by 2026 compared to 2021 levels
減碳目標：在2026年前將碳排放強度（每港幣百萬元營業額的範圍一及二總排放量）較2021年降低**25%**
- Carbon intensity at operational level (Scope 1 and 2) has decreased by **28%** compared to 2021 baseline
業務營運層面（範圍1和2）碳密度較2021年基準年已下降**28%**
- Successfully sold **42,796 tonnes** of carbon allowances with a total transaction value of **RMB4.465 million**
成功出售**42,796噸**碳配額，總成交額為**人民幣4.465百萬元**
- Achieve carbon neutrality by 2060 or earlier
於2060年或之前實現碳中和的目標



2024年亮點績效

Resource Conservation 節約資源

- Researching and developing the innovative products, Light F and Light R
研發創新科技產品Light F和Light R
- Successfully completed the zero-energy building renovation, which has generated **1,547.9 MWh** of clean power in 2024
成功完成零能耗建築改造，已於2024年產生**1,547.9兆瓦時**的清潔電力
- Reduced approximately **14,000 tonnes** of coal consumption in the heating business compared to 2023
供暖業務較2023年減少煤消耗約**1.4萬噸**



Employee 僱員

- Total training hours: **195,346 hours**
總培訓時數：**195,346小時**
- Average training hours per employee: **46.5 hours**
每位員工的平均培訓時數：**46.5小時**
- Over **27%** of employees aged 30 and below
30歲及以下的員工佔逾**27%**



OHS 職安健

- Over **25,089 hours** of OHS training
提供超過**25,089小時**的職安健培訓
- Lost day rate due to work injury decreased by **2.28%** comparing to 2023
工傷損失日率較2023年降低**2.28%**



Community 社區

- 24** volunteers
24名義工
- 322** volunteering hours
322個義工小時



Supply Chain 供應鏈

- Over **93%** suppliers located in China
超過**93%**的供應商位於中國



ABOUT THE GROUP 關於本集團

Rating Recognition 評級榮譽



MSCI ESG Rating upgraded to BBB in 2024
2024年明晟 (MSCI) ESG 評級升至 BBB

Major Awards

During the year, the Group received numerous prestigious awards and certifications in the field of sustainable development. These achievements not only demonstrate our unwavering commitment to sustainability and responsible business practices, but reflect our continuous efforts in addressing climate change, fulfilling corporate social responsibilities, and implementing transparent governance. The Group regards these achievements as new milestones on our sustainability journey, motivating us to pursue excellence in sustainable development management, achieve further accomplishments and breakthroughs, and reciprocate the support and trust of our stakeholders.

Honours Obtained This Year	Issued by
Sustainability	
ESG Social Innovation Technology Award	TVB Broadcasting Limited
Sustainable and Outstanding Practices of Listed Companies	China Association For Public Companies
ESG Inclusion - Green Technology	The ESG Consortium

主要獎項

本年度，本集團於可持續發展領域獲得多個重要獎項，不僅彰顯出我們對可持續發展和負責任商業實踐的堅定承諾，亦見證我們在應對氣候變化、履行企業社會責任和踐行透明治理等方面的持續努力。本集團將這些成就視為可持續發展道路上新的里程碑，激勵我們繼續追求卓越的可持續發展管理，取得更多成就與突破，回饋各持份者的支持與信任。

於本年度獲得的榮譽	頒發單位
可持續發展	
ESG社會創新科技大獎	電視廣播有限公司
上市公司可持續優秀實踐案例	中國上市公司協會
「環友理」綠色科技獎	環境、社會及治理公會

ABOUT THE GROUP 關於本集團

Honours Obtained This Year	Issued by	於本年度獲得的榮譽	頒發單位
Product Quality		產品品質	
Silver and Merit Award, Excellence in Facade	Pacific Rim Construction, Build4Asia	卓越幕牆 (Excellence in Facade) 銀獎及優秀獎	PRC建設、Build4Asia
My Favourite Building Facade		我最喜歡的建築幕牆 (MY FAVOURITE Building Facade) 大獎	
Bronze Award, Outstanding Technology		領先幕牆科技銅獎	
2024 Top 10 Innovative Applications in Facade Industry	Curtin Wall Design, Curtain Wall World Weekly, Housing Alliance Industry Innovation Institute	2024年幕牆行業十佳創新應用	《幕牆設計》雜誌、幕牆世界Weekly、房聯產業創新研修院
Greater China's Most Prominent Facade Contractor Of The Year	MythFocus	年度最佳幕牆工程管理獎	MythFocus
Silver Award, the 5 th Youth Innovation and Value Creation Competition of China State Construction Technological Innovation Award	The Communist Youth League Committee of China State Construction Engineering Corporation China Overseas Holdings Limited	中國建築第五屆青年創新創效大賽銀獎 科技創新獎	共青團中建集團委員會 中國海外集團有限公司
2024 5 th International Smart Construction Innovation Awards Silver Award to Far East (Zhuhai)	International Macau Digital Architecture Institute	2024第五屆智能建造創新大獎賽銀獎 (遠東珠海)	澳門數字建築協會 (國際)
Most Influential Brands in Digital Construction to Far East (Zhuhai)	THE Hong Kong Institute of Building Information Modelling Macau Building Information Modelling Association GHM Greater Bay Area Institute of Urban Architecture(HK)	數字建造最具影響力品牌 (遠東珠海)	香港建築信息模擬學會 澳門建築資訊模型協會 粵港澳大灣區城市建築學會 (香港)
5+ Supreme Quality Sub-Contractor of the Year 2024 to Far East (Hong Kong)	Hong Kong Professional Building Inspection Academy	2024年度5+星級優質承辦商 (遠東香港)	香港專業驗漏學會
Corporate Responsibility		企業責任	
The 11 th Outstanding Corporate Social Responsibility Award	The Mirror Post	第十一屆傑出企業社會責任獎	《鏡報》月刊
10 Year Plus Caring Company Logo	The Hong Kong Council of Social Service	商界展關懷10Plus標誌	香港社會服務聯會

ABOUT THE GROUP 關於本集團

BUSINESS OVERVIEW 業務概覽

MAIN BUSINESS SEGMENTS OF THE GROUP 本集團主要業務板塊

Facade Brand Introduction

As the Group's core facade business brand, "Far East Facade" is Hong Kong's longest-established professional facade company with 55 years of development history. It has become a "world-class one-stop building facade solution provider". Far East Facade has undertaken landmark projects such as the world's tallest building, Burj Khalifa in Dubai (828 metres high), the world's first double-curved unitised facade project at 2 Murray Road in Central Hong Kong, and the most complex curved glass facade project – OPPO International Headquarters Building. Rooted in Hong Kong, its business spans 5 continents, 13 countries and regions, and 102 cities, having completed the construction of over 1,000 facade projects.

With profound historical heritage, Far East Facade possesses industry-leading capabilities in full supply chain management and control. Meanwhile, Far East Facade has strengthened the deep integration of BIM technology with supply chain data, developing systems such as the SAP supply chain management system and PLM design management system, creating "Far East Smart", the full life cycle management platform of digital Far East Facade, that achieves comprehensive digital management throughout the process from design, procurement, fabrication, logistics to installation. Far East Facade has established an intelligent manufacturing base in Zhuhai, equipped with 15 intelligent production lines and a fully automated production line, capable of producing 600,000 square metres of complex facade systems or 1,200,000 square metres of standard facade systems annually. In pursuit of construction excellence, Far East Facade has independently developed an automated flooding test system, automatic 3D scanning, RFID product tracking system, and comprehensive product protection measures. It has completed many facade projects with high quality, earning widespread recognition from clients.

Building Integrated Photovoltaic (BIPV) Business Introduction

Based on core BIPV technology, Far East Photovoltaic was established in May 2024, focusing on product R&D, construction and related investment in BIPV business.

Far East Photovoltaic has developed its own BIPV product – the Light series of lightweight simulated modules. The series can be customised according to architectural design requirements to achieve organic integration with building envelope structures, combining power generation functionality with building material properties, providing complete solar power generation solutions for buildings. The appearance can be customised to simulate materials like stone, aluminium and other building materials. The LIGHT series solves problems such as poor aesthetics, safety performance, durability and low conversion rate commonly found in traditional photovoltaic panels. It has passed multiple certifications including TÜV Rheinland IEC 61215&61730 Certificate, BIPV Module Certificate, PID Resistance Certificate and Certificate of Conformity Low Voltage Directive (EU) 2014/35 issued by TÜV Rheinland, meeting market entry requirements for different regions while demonstrating excellence in both technological capability and product quality.

幕牆業務介紹

作為本集團幕牆業務核心品牌，「遠東幕牆」是香港歷史最悠久的專業幕牆公司，經歷55年的發展，已成為「世界一流的一站式建築幕牆服務商」，承建了世界第一高樓（828米）迪拜哈利法塔、全球首例雙曲面單元幕牆項目香港中環美利道2號項目、全球最複雜曲面玻璃幕牆OPPO國際總部大廈等眾多地標性項目，以中國香港業務為根基，業務遍及5個大洲、13個國家和地區，102個城市，先後累計承建超過1,000座幕牆項目。

遠東幕牆作為一家有深厚歷史底蘊的公司，擁有了行業領先的全供應鏈管控能力。同時，遠東幕牆強化BIM技術與供應鏈數據深度融合，研發了SAP供應鏈管理系統、PLM設計管理系統等系統，打造了「數字遠東」幕牆全生命周期管理平台，實現從設計、採購、生產、物流到安裝的全過程數字化管理，並在珠海打造智能製造生產基地，擁有15條智能化生產線、1條全自動生產線，年產量為複雜幕牆60萬平方米或標準幕牆120萬平方米。對於建築品質的追求也近乎完美，遠東幕牆自主研發了自動試水系統、自動3D掃描、產品溯源RFID系統、成套產品保護，高品質地完成了一個又一個幕牆項目，廣受業主認可。

建築光伏一體化（BIPV）業務介紹

本集團基於BIPV核心技術，於2024年5月成立遠東光伏，專注產品研發和BIPV業務的投資、建設。

遠東光伏自主研發及生產的BIPV產品—Light系列輕質仿真組件，該系列可根據建築設計需求定制多種外，做到與建築外圍護結構有機結合，兼顧發電功能和建材性，為建築提供完整的太陽能光優發電解決方案。可實現石材、鋁板等多種建材外觀，解決傳統光伏組件不美觀，安全性差，耐用性、耐用性差、轉化率低等問題，並獲得由萊茵頒發的德國萊茵TÜV IEC61215&61730 認證證書、BIPV認證證書、PID認證證書及歐盟CE認證證書等多項認證，滿足不同地區市場的准入要求，彰顯了技術實力與產品質量上的卓越追求。



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Main Contracting Business Introduction

Treasure Construction under the Group mainly engaged in building construction, building maintenance, repair and improvement construction projects. Since the acquisition of Treasure Construction in 2014, it has undertaken main contracting projects with a total of HK\$7.5 billion and has achieved a cumulative turnover of more than HK\$6.8 billion.

Supervision Business Introduction

China Overseas Supervision under the Group has been focusing on the field of engineering management for over 30 years and has obtained the highest qualification level in the supervision industry, covering 14 types of professional engineering. China Overseas Supervision has also passed the certification of national high-tech enterprise, and its technological research and development strength has been recognised by the authorities. China Overseas Supervision is based in Shenzhen and has been working on gaining its influence in the Greater Bay Area, as well as across the country's key metropolitan areas and core cities, having undertaken more than 1,000 projects.

Investment and Operation Business Introduction

The business scope of Huanggu Thermoelectricity includes power generation, heat production, sales and energy development. It is a cogeneration enterprise integrating environmental protection, energy conservation and consumption reduction. Currently, its annual power generation capacity reaches 220 million kWh, providing heat to more than 210,000 households and 100 units in a 42 square kilometres area in northwestern Shenyang.

總承包業務介紹

本集團旗下海悅建築，主要從事樓宇建造工程及樓宇保養、維修和改善工程等業務。自2014年被收購以來，海悅建築累計承接總承包工程金額接近港幣75億元，累計營業額超過港幣68億元。

監理業務介紹

本集團旗下中海監理品牌專注工程管理領域三十餘載，擁有監理行業最高資質等級，涵蓋14類專業工程的監理綜合資質。通過國家高新技術企業認證，技術研發實力得到官方的權威認可。立足深圳、深耕灣區，輻射全國重點都市圈核心城市，累計承接項目超1,000個。

投資運營業務介紹

本集團旗下皇姑熱電經營範圍包括電力、熱力生產、銷售及能源開發，是集環保、節能降耗於一體的熱電聯產企業。目前年發電能力達到2.2億千瓦時，直接為瀋陽西北部42平方公里區域內21萬戶居民及100多家單位提供供暖服務。

ABOUT THE GROUP 關於本集團

DEVELOPMENT JOURNEY OF CSC DEVELOPMENT 中國建築興業發展歷程

1969

Establishment of Far East Global Group

遠東環球集團成立

2010

Successful listing on the Main Board of HKEX under the stock code 00830

本公司成功於聯交所主板上市，股票代號為00830

2012

The acquisition by China State Construction International Holdings Limited ("stock code: 3311") marked the beginning of a new phase of development

被中國建築國際集團有限公司(股票代號：3311)收購，進入新的發展階段

2013-2016

Expansion in Hong Kong, Macau and overseas markets

開拓港澳及海外市場

2017

Re-entry into the UK market; winning the bid of The Stage, a residential project in London

重新開拓英國市場，並成功中標倫敦城市舞台(The Stage)住宅項目

2018

Far East (Zhuhai) officially put into operation; acquisition of China Overseas Supervision in the same year

遠東珠海正式投產；同年收購中海監理

2019

Formally renamed as "China State Construction Development Holdings Limited", embarking on a new journey

正式更名為「中國建築興業集團有限公司」，開啟歷史新征程

2020

Achieving a two-digit profit growth despite the COVID-19 pandemic; the value of newly signed facade contracting contracts in Chinese Mainland hitting an all-time high

新冠疫情下業績逆勢上升，實現雙位數利潤增長；中國內地幕牆工程業務新簽合約額創歷史新高

2021

Completion of the renaming of subsidiaries in the facade contracting business segment; continuous development of all business segments

完成幕牆工程業務附屬公司更名；各業務板塊持續發展

2022

Attaining a milestone with overall turnover surpassing \$10 billion for the first time and all major business indicators hitting historical highs again

實現里程碑式突破，整體成交額首次突破百億大關，各項主要經營指標再創歷史新高

2023

Far East (Zhuhai) successfully completed the zero carbon photovoltaic factory retrofitting project, creating an demonstration project to promote the BIPV brand

遠東珠海順利完成零碳光伏工廠改造項目，打造BIPV品牌推廣的示例

2024

Established Far East Facade (Singapore) Pte. Ltd. to further expand influence in overseas market like Southeast Asia, and Far East Photovoltaic for the development of BIPV strategic operations

成立遠東幕牆(新加坡)有限公司，優化拓展東南亞等海外幕牆市場，和遠東光伏，發展BIPV戰略業務

ABOUT THE GROUP 關於本集團

ORGANISATION STRUCTURE 組織架構

**State-owned Assets Supervision and
Administration Commission of the State Council**
國務院國有資產監督管理委員會

China State Construction Engineering Corporation*
中國建築集團有限公司

China State Construction Engineering Corporation Limited
中國建築股份有限公司

China Overseas Holdings Limited
中國海外集團有限公司

China State Construction International Holdings Limited
中國建築國際集團有限公司

China State Construction Development Holdings Limited
中國建築興業集團有限公司

* For identification purpose only. 僅供識別之用。

ABOUT THE GROUP 關於本集團

MEMBERSHIP ASSOCIATIONS 行業協會

CSC Development 中國建築興業

- The Hong Kong Chinese Enterprise Association
香港中國企業協會
- Committee on Building Industry of the Hong Kong Chinese Enterprise Association
香港中國企業協會建築行業委員會

Far East (Hong Kong) 遠東香港

- The Hong Kong Chinese Enterprises Association
香港中國企業協會
- Hong Kong Facade Association
香港建築幕牆裝飾協會
- Hong Kong Green Building Council
香港綠色建築議會
- Registered Specialist Trade Contractors Federation
註冊專門行業承造商聯會
- American Institute of Architects
美國建築師學會
- Council on Tall Buildings and Urban Habitat
世界高層建築與都市人居學會

Far East (Shanghai) 遠東上海

- China Building Decoration Association
中國建築裝飾協會
- Shanghai Building Hardware Door & Window Trade Association
上海市建築五金門窗行業協會
- Shanghai Decoration Industry Association
上海市裝飾裝修行業協會
- Shanghai High & New Technology Enterprises Association
上海市高新技術企業協會
- Guangdong Architectural Association
廣東省建築業協會
- Shanghai Architectural Association
上海市建築協會
- Beijing Hospital Architectural Association
北京市醫院建築協會
- Sichuan Metal Structure Industry Association
四川省金屬結構行業協會
- Sichuan Architectural Curtain Wall Decoration Association
四川省建築幕牆裝飾協會
- Sichuan Construction Industry Association
四川省建築業協會
- Building Windoor and Curtain Wall Society of Shenzhen
深圳市建築門窗幕牆學會

Huanggu Thermoelectricity 皇姑熱電

- Shengyang Municipal Heating Industry Association
瀋陽市供熱行業協會

China Overseas Supervision 中海監理

- China Association of Engineering Consultants
中國建設監理協會
- Guangdong Province Association of Engineering Consultants
廣東省建設監理協會
- Shenzhen Project Management Engineers Association
深圳監理工程師協會
- Guangdong Construction Industry Association
廣東省建設業協會
- Federation of Shenzhen Industries
深圳市工業總會
- Huizhou Construction Industry Association
惠州市建築業協會

ABOUT THE GROUP 關於本集團

PROJECTS AND PERFORMANCE HIGHLIGHTS 重點項目及表現



Technology Innovation Research Institute of National Institute of Metrology, Shenzhen, China (phase I) 深圳中國計量科學研究院技術創新研究院建設工程（一期）項目

Estimated completion year: 2025
預期竣工時間：2025年

Facade area: Including 1,951 square metres of BIPV translucent facade and 2,139 square metres of BIPV concrete-like photovoltaic facade

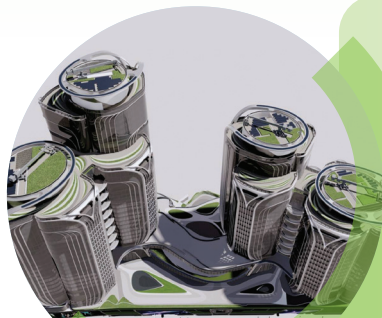
幕牆面積：包括BIPV透光幕牆1,951平方米，BIPV仿混凝土光伏幕牆2,139平方米

Project feature: This project is a key annual project of the Bureau of Public Works of Shenzhen Municipality, implementing green building concepts and utilising BIPV technology. The system allows flexible selection of photovoltaic materials, with the self-developed concrete-like photovoltaic glass materials. The project also incorporates advanced photovoltaic storage technology, focusing on developing Building #3 into a near-zero carbon building, setting a benchmark for green development in the construction industry.
該項目是深圳市工務署年度重點專案，貫徹綠色建築理念，採用BIPV光伏幕牆一體化技術，可根據需求靈活選用光伏材料，其中仿混凝土光伏玻璃材料由公司自主研發。同時項目引入前沿的光儲直柔技術，著力將3#樓打造成近零碳建築，為建築行業綠色發展樹立標杆。



ABOUT THE GROUP 關於本集團

PROJECTS AND PERFORMANCE HIGHLIGHTS 重點項目及表現



Kowloon Inland Lot No. 11262, BIPV System works to Halo on Tower Roof Top 西九龍高鐵站上蓋商業發展項目，頂樓Halo BIPV板及系統

Estimated completion year: 2025
預期竣工時間：2025年

Facade area: 264.1 square metres of photovoltaic application
幕牆面積：光伏應用規模264.1平方米

Project feature: The elevation BIPV utilises double-glass monocrystalline silicon components, with an average annual power generation of 33,000 kWh and cumulative power generation of 826,500 kWh over 25 years.
項目特點：立面BIPV採用雙玻單晶硅元件，平均年發電量3.3萬度，25年累計發電量82.65萬度。



West New Territories Landfill Extension CES-Temporary Office Building on Site 香港屯門新界西地區擴建計劃CES-地盤臨時寫字樓

Estimated completion year: 2025
預期竣工時間：2025年

Facade area: 1,070.66 square metres of photovoltaic application
幕牆面積：光伏應用規模1,070.66平方米

Project feature: The facade BIPV uses Light A series photovoltaic modules with an installed area of 390.75 m². The roof BAPV uses standard solar modules with an installed area of 454.08 square metres and a canopy of 225.83 square metres. The office building is expected to generate about 190,000 kWh of green electricity per year, which can save 58 tonnes of standard coal and reduce carbon dioxide emissions by about 189 tonnes per year, equivalent to the emission reduction of 570 trees, compared with thermal power generation of the same capacity.
立面BIPV採用Light A系列光伏組件，安裝面積為390.75平方米。屋面BAPV採用標準太陽能組件，安裝面積為454.08平方米，雨棚225.83平方米。寫字樓預計每年產生綠電約19萬度，與相同發電量的火電相比每年可節約標準煤58噸，減少二氧化碳排放量約189噸，相當於570棵樹的減排量。



ABOUT THE GROUP 關於本集團

PROJECTS AND PERFORMANCE HIGHLIGHTS 重點項目及表現



Shenzhen Oppo Building 深圳歐加大廈

Estimated completion year: 2027
預期竣工時間：2027年

Facade area: Phase One 56,000 square metres
幕牆面積：一標段56,000平方米

Project feature: Shenzhen Oppo Building serving as OPPO's international headquarters, represents ZHA's largest free-form facade project globally. With its distinctive architectural design, this iconic landmark in Shenzhen Bay Super Headquarters Base serves as OPPO's office premises and features the world's most technically challenging curved facade system.
項目特點：深圳歐加大廈項目為OPPO的國際總部，是ZHA設計目前全球體量最大的自由曲面的幕牆項目。其造型獨特，在深圳灣超級總部為OPPO的辦公場所，也是全球最難曲面幕牆的標誌性地標。



OPPO Dongguan Binhaiwan High-end Talent Housing and Commercial Project OPPO東莞濱海灣高級人才房住宅及商業項目

Estimated completion year: 2025
預期竣工時間：2025年

Facade area: 134,000 square metres
幕牆面積：134,000平方米

Project feature: OPPO's "Engineers' Paradise" in Binhaiwan Bay Area in Dongguan provides high-end comfortable living environments for corporate talent, with comprehensive facilities including dining, shopping, sports, and leisure amenities. It aims to attract more high-end technology professionals to the Binhai Bay Area, collectively creating an ideal living and working environment.
項目特點：OPPO在東莞濱海灣打造的「工程師樂園」，為企業人才提供高端舒適的居住環境，配套完善的餐飲、生活購物、運動休閒等配套設施，以吸引更多高端科技青年人才匯聚濱海灣新區，共同締造安居樂業的理想環境。

ABOUT THE GROUP 關於本集團

PROJECTS AND PERFORMANCE HIGHLIGHTS 重點項目及表現



New Central Site 3A 中環新海濱3A商業項目

Estimated completion year: 2026
預期竣工時間：2026年

Facade area: 31,943 square metres
幕牆面積：31,943平方米

Project feature: This site will become a prominent international project in Hong Kong, representing one of the most strategically significant developments in the Central Business District. Its vision is to create an iconic landmark and public entertainment venue along the waterfront promenade.
項目特點：該用地將成為香港備受矚目的國際級項目，為其中一個中央商務區內最重要且最具戰略意義的項目。其願景是在海濱長廊打造一個標誌性地標和一個致力為公眾提供娛樂的社交場所。



Union Square (formerly known as Central Mall and Square) Union Square (原名Central Mall and Square)

Estimated completion year: 2027
預期竣工時間：2027年

Facade area: 27,000 square metres
幕牆面積：27,000平方米

Project feature: The project scope includes one 20-storey office building, one 3-storey hotel, and 2 preserved buildings. The tower primarily utilises unitised systems, with the CW1 unitised system featuring continuously varying horizontal and vertical decorative strips, ranging from 775 millimetres at their widest to 400 millimetres at their narrowest.
項目特點：工程範圍包括1棟20層辦公樓、一棟3層酒店和2棟保留建築。塔樓主要系統都是單元體系，其中CW1單元體系系統含有連續變化寬度的橫向和豎向裝飾條，裝飾條最寬達到775毫米，最窄400毫米。

ABOUT THE GROUP 關於本集團

PROJECTS AND PERFORMANCE HIGHLIGHTS 重點項目及表現



Tianfu Fund Town 天府基金小鎮

Estimated completion year: 2025
預期竣工時間：2025年

Facade area: 102,800 square metres
幕牆面積：102,800平方米

Project feature:
項目特點：

The site comprises 3 towers and 11 commercial podium buildings, with approximately 16 facade systems are included, comprising aluminium panel facades, glass facades, stone facades, glass balustrades, aluminium ceiling systems, aluminium alloy strips, decorative cables, tower grid facades, podium decorative grilles, glass skylights, daylight roof facade systems, UHPC-like honeycomb aluminium panels, louvres, canopies, and panoramic lifts.

現場共計3棟塔樓、11棟商業裙樓，總共包含約16個幕牆系統，包括鋁板幕牆、玻璃幕牆、石材幕牆、玻璃欄板、鋁型材吊頂、鋁合金線條、裝飾拉索、塔樓格柵幕牆、裙樓裝飾格柵、玻璃天窗、採光頂幕牆系統、仿UHPC蜂窩鋁板、百葉、雨篷、觀光電梯等。

ABOUT THE GROUP 關於本集團

PROJECTS AND PERFORMANCE HIGHLIGHTS 重點項目及表現



West Bund Convention Centre 西岸國際會展中心

Estimated completion year: 2025
預期竣工時間：2025年

Facade area: 28,699 square metres
幕牆面積：28,699平方米

Project feature:
項目特點：

This project is listed as one of Shanghai's four major engineering projects and the primary project in Xuhui district. It features a complex-shaped stadium facade reaching 49.7 metres in height. Floors 1-3 feature outward-inclined facades, while floors 5-7 have inward-inclined facades, with multiple angles on each elevation. The construction presents significant challenges with tight schedules. Its prominent location will serve as the venue for the 2025 Shanghai World Artificial Intelligence Conference.

該項目被列為上海市四大重點工程之一及徐匯區頭號工程。這是異形場館類幕牆，總高度49.7米，1-3層為外傾斜、5-7層為內傾斜幕牆，各立面分為多角度形勢組成，其施工難度大，工期緊張，且區位優勢明顯，將成為2025年上海世界人工智慧大會會場。



ABOUT THE GROUP 關於本集團

PROJECTS AND PERFORMANCE HIGHLIGHTS 重點項目及表現



Proposed Residential Development at Kwu Tung No. 278 上水粉嶺內地段第278號住宅項目

Estimated completion year: 2026
預期竣工時間：2026年

Facade area: 46,367 square metres
幕牆面積：46,367平方米

Project feature: Located in the Kwu Tung North New Development Area in the Northern New Territories, this private residential project features two 33-storey residential towers with self-contained podium facilities. Adjacent to the MTR Kwu Tung Station, which will commence operations in 2027. This location, leveraging the Greater Bay Area advantages, is set to develop into the next premium community. 位於新界北區古洞北新發展區，屬其一私人住宅項目。該項目擁兩座33層高住宅大樓，自設基座設施。毗鄰港鐵古洞站亦將於2027年啟用。此地段結合大灣區的優勢，將發展成為下一個優質社區。



Proposed Development at Bailey Street & Wing Kwong Street, To Kwa Wan, Kowloon – Tower 土瓜灣庇利街／榮光街住宅項目－大樓

Estimated completion year: 2026
預期竣工時間：2026年

Project scale: 47,116 square metres
工程規模：47,116平方米

Project feature: The 庇利街／榮光街 residential project is situated in a prime urban location near MTR stations. It comprises 4 towers, incorporating unitised facades, balustrades, sliding doors, decorative strips, aluminium windows, and multiple systems. Primarily offering small to medium-sized units, the development will provide over 1,200 units, making it a relatively large-scale urban development. Under the Urban Renewal Authority's master plan, it creates synergy with adjacent projects, enhancing the area's integration and liveability. 庇利街／榮光街住宅項目位處市區核心地段，臨近港鐵站，由4棟塔樓組成，包括單元式幕牆、欄河、趟門、裝飾條、鋁窗等多個系統。戶型以中小戶型為主，建成後提供逾1,200單位，屬市區較大規模發展項目。在市建局總體規劃下，與毗鄰的項目產生協同效應，整個區域更加完整及一體化，並提升宜居性。



UNSDGs covered in this chapter
本章節所涉及的UNSDGs：



Material Issues:
重要性議題：

- Risk Management 風險管理

Sustainability Management

可持續發展管理



SUSTAINABILITY MANAGEMENT 可持續發展管理

SUSTAINABILITY VALUES AND VISION PHILOSOPHY OF SUSTAINABILITY MANAGEMENT

We consistently uphold sustainable development as our core management philosophy and adhere to the values of “Promoting green civilization, upholding sustainable development, and pursuing harmonious development between corporate growth, production, life, and ecological development”. As an enterprise deeply committed to social responsibility, we strive to lead industry sustainability. We do this by continuously enhancing our governance structure, policies, and action plans in accordance with the latest legislation and sustainability trends. In environmental protection, we have implemented various initiatives, including promoting green production technologies, reducing carbon emissions and improving resource utilisation efficiency. Simultaneously, we embrace digitalisation to enhance production efficiency and product quality, strengthen occupational safety and health systems, and prioritise employee well-being and community engagement. Furthermore, we support projects through green and sustainable financial instruments, aiming to achieve synergy between economic, environmental and social benefits. We firmly believe that maintaining our commitment to sustainable development is essential for steady progress.

SUSTAINABLE CORPORATE PRACTICES

As a listed company, we strive to be a model corporate citizen and actively fulfil our corporate social responsibilities. Our commitment spans across corporate governance, community development, product quality, economic responsibility, safety management, environmental protection, employee care and corporate culture. To achieve this goal, we have taken comprehensive measures in various areas with the aim of creating a harmonious working environment and building a positive corporate reputation. Through these efforts, we have not only enhanced our overall corporate strength, but also contributed to the sustainable development of society.

COMMITMENT TO SUSTAINABILITY

We firmly believe that sustainable development is key to driving long-term value creation and are committed to embedding this philosophy throughout every aspect of our corporate operations to establish a responsible and sustainable business culture. To this end, the Company has signed “ESG Pledge” Scheme launched by The Chinese Manufacturers’ Association of HK for two consecutive years, committing to make improvement in performance related to environment, social responsibility and governance, and to work together to create a sustainable future.

可持續發展價值觀及願景 可持續發展管理理念

我們始終以可持續發展為核心管理理念，堅持「倡導綠色文明，堅持可持續發展，將企業發展與生產、生活、生態發展和諧統一」的價值觀。作為一家高度重視社會責任的企業，我們根據最新的法律法規和可持續發展趨勢，持續完善治理架構、相關政策和行動方案，致力於引領行業的可持續發展。在環境保護方面，我們積極採取多種措施，包括推行綠色生產技術、減少碳排放、提升資源利用效率等。同時，我們推動數字化發展，以提升生產效率和產品質量，並優化職業安全健康體系，關注員工福祉和社區建設。此外，我們通過綠色金融與可持續金融工具支持相關項目，努力實現經濟效益與環境、社會效益的雙贏。我們堅信，唯有堅持可持續發展，才能走得更穩、更遠。

可持續發展企業實踐

作為一家上市公司，我們始終以成為模範企業公民為目標，積極履行企業社會責任。我們的責任範疇涵蓋企業治理、社區發展、產品品質、經濟責任、安全管理、環境保護、員工關懷和企業文化等多個方面。為了實現這一目標，我們在各個領域採取了全面的措施，旨在創造和諧的工作環境，並樹立積極的企業形象。通過這些努力，我們不僅提升了企業的綜合實力，還為社會的可持續發展做出了貢獻。

可持續發展承諾

我們堅信可持續發展是推動長期價值創造的關鍵，並致力於將這一理念貫穿於企業運營的每一個環節，從而建立一個負責任和可持續的商業文化。為此，本公司連續兩年簽署了由香港中華廠商聯合會推出的「ESG約章」行動，承諾提升環境保護、社會責任及企業管治表現，為創建可持續未來而共同努力。

SUSTAINABILITY MANAGEMENT 可持續發展管理

• Environmental Protection

To minimise our environmental impact, we are actively promoting various energy conservation technologies whilst dedicating ourselves to the research and development of renewable energy solutions. Furthermore, we shall focus on reducing waste and emissions, as well as advancing recycling initiatives. Through these measures, we aim to create a positive impact for our planet and future generations.

• Social Responsibility

We place great emphasis on employee well-being and safety, focusing on providing a secure and healthy working environment for our workforce. Simultaneously, we actively engage in community development, supporting youth education and grassroots initiatives among other community development programmes. Through fulfilling these commitments, we aspire to build stronger, more resilient communities and promote sustainable social development.

• Governance and Ethics

We uphold the highest standards of corporate governance, transparency and ethical conduct, ensuring all business activities comply with legal and regulatory requirements. Integrity, accountability and fairness form the essential foundation of our corporate culture. We regard stakeholder engagement as a crucial factor in corporate success and strive to maintain open and effective communication with shareholders, employees, suppliers, customers and other relevant stakeholders to build trust and long-term collaborative relationships.

Through adherence to our core values and vision of sustainable development, we are committed to enhancing shareholder value, establishing robust trust and long-term collaborative relationships with all stakeholders, whilst making positive contributions to sustainable social development. Our unwavering efforts in environmental protection, social responsibility and corporate governance shall drive positive change as we work alongside our stakeholders to shape a more sustainable future.

• 環境保護

為了最大限度地減少對環境的影響，我們積極推廣各項節能技術，並努力專研可再生能源解決方案。此外，我們還將著重於減少廢棄物和廢氣排放，以及推動回收計劃。通過這些措施，我們希望為地球和下一代的未來帶來積極的影響。

• 社會責任

我們高度重視員工的福祉和安全，專注於為員工提供安全、健康的工作環境。同時，我們積極參與社區建設，支持青少年教育、關注基層等社區發展項目。通過踐行這些承諾，我們期望建立更強大、更具韌性的社區，促進社會的可持續發展。

• 治理和道德

我們堅守最高的企業治理、透明度和道德行為標準，確保所有業務活動符合法律 and 監管要求。誠信、問責和公平是我們企業文化的重要基礎。我們將持份者參與視為企業成功的重要因素，並努力與股東、員工、供應商、客戶和其他相關持份者進行開放而有效的溝通，以建立信任和長期合作關係。

通過堅守可持續發展的核心價值觀和願景，我們致力於提升股東價值，與各持份者建立堅固的信任和長期合作關係，並為社會的可持續發展作出積極貢獻。我們在環境保護、社會責任和企業治理方面的不懈努力，將引領積極的變革，攜手各持份者共同塑造一個更加可持續的未來。

SUSTAINABILITY MANAGEMENT 可持續發展管理

SUSTAINABLE DEVELOPMENT POLICY

The Group's *Sustainability Policy* comprehensively articulates our strategic balance between economic development and environmental protection. Under the Board's oversight, a dedicated Sustainability Committee has been established to develop, review and recommendation of strategic sustainability objectives, monitor of latest trends, manage sustainability related risks and report to the Board on a regular basis, demonstrating our firm commitment to sustainable development. In terms of environmental governance, the Group focuses on reducing carbon emissions, actively addressing challenges brought by climate change, and integrating environmental considerations into all aspects of corporate operations. Furthermore, the Group emphasises the role of technological innovation in driving sustainable development, continuously enhance the quality of products and services, and implement environmental and social responsibility standards in supply chain management, with a view to building a complete sustainable ecosystem. Regarding internal management, the Group strives to create a safe and harmonious working environment, enhancing employee professional competencies through systematic talent development mechanisms whilst strengthening environmental awareness. We strictly adhere to environmental protection guidelines, ensuring all operational activities meet sustainability requirements. In fulfilling our social responsibilities, the Group actively engages in community development through diverse activities, including volunteer services, deepening community connections and establishing an image as a responsible corporate citizen. These initiatives demonstrate the Group's dedication to promoting environmental protection and social progress whilst pursuing economic benefits. In essence, this policy systematically outlines our strategic approach to sustainable development, reflecting our profound understanding and active implementation of harmonious economic, environmental and social development in the new era.

To ensure effective implementation of the aforementioned sustainable development strategy, the Group has established a comprehensive supporting policy framework. This framework encompasses seven key areas: health and safety, environmental protection, employment management, supply chain supervision, product responsibility, anti-corruption, and privacy security, forming a holistic corporate responsibility management structure. These supporting policies complement the overall Sustainability Policy, not only laying a solid foundation for the Group's ESG practices but also demonstrating our determination to deepen sustainable development principles. Through continuous refinement of the policy framework, the Group actively addresses challenges and opportunities arising during development whilst consistently enhancing our sustainability performance. To demonstrate transparency in corporate management and commitment to responsibility, the Group has publicly disclosed selected relevant policies on our official website. This initiative not only showcases the Group's firm commitment to integrating sustainability principles into daily operations but also reflects our responsible attitude towards stakeholders, further consolidating our leading position in sustainable development.

可持續發展政策

本集團所制定的《可持續發展政策》充分闡述了企業在經濟發展與環境保護之間的戰略平衡。該政策由董事局統籌規劃，並設立專門的可持續發展管理委員會，負責可持續發展戰略目標制定、審查和建議，監測最新趨勢，管理可持續相關風險，並定期向董事局匯報，彰顯我們對可持續發展的堅定決心。在環境治理層面，本集團以降低碳排放為目標，積極應對氣候變化帶來的挑戰，並將環境因素納入企業運營的各個環節。同時，本集團高度重視科技創新對可持續發展的推動作用，不斷提升產品與服務品質，並在供應鏈管理中落實環境與社會責任標準，以構建完整的可持續發展生態體系。就企業內部管理而言，本集團著力打造安全、和諧的工作環境，通過系統化的人才培養機制提升員工專業素養，並持續強化環保意識。本集團嚴格遵循環境保護準則，確保各項運營活動均符合可持續發展要求。在履行社會責任方面，本集團積極投身社區建設，通過開展志願服務等多樣化活動，深化與社區的聯繫，樹立負責任的企業公民形象。這一系列舉措充分體現了本集團在追求經濟效益的同時，亦致力於推動環境保護與社會進步的使命擔當。總體而言，該政策系統性地闡述了我們在可持續發展領域的戰略佈局，展現了企業在新時代背景下對經濟、環境與社會和諧發展的深刻理解與積極實踐。

為確保上述可持續發展戰略佈局的有效落實，本集團制定了一套完整的配套政策體系。該體系涵蓋健康安全、環境保護、僱傭管理、供應鏈監督、產品責任、反貪污以及隱私安全等七大領域，構建起全方位的企業責任管理框架。這些配套政策與可持續發展總政策相輔相成，不僅為本集團的環境、社會及管治工作奠定了堅實基礎，更體現了我們深化可持續發展理念的決心。本集團通過不斷完善政策框架，積極應對發展過程中的挑戰與機遇，持續提升可持續發展表現。為彰顯企業管理的透明度與責任擔當，本集團已將部分相關政策在官方網站公開發佈。這一舉措不僅展現了本集團將可持續發展理念融入日常運營的堅定承諾，更體現了對持份者負責任的態度，進一步鞏固了本集團在可持續發展領域的領先地位。

SUSTAINABILITY MANAGEMENT 可持續發展管理

SUSTAINABILITY GOVERNANCE

The Board serves as the highest decision-making and supervisory body for the Group's sustainability matters, responsible for providing strategic direction, formulating and reviewing strategies and objectives for material issues. Additionally, the Board oversees the Group's sustainable development matters, assessing, prioritising and managing associated risks whilst ensuring the implementation and continuous enhancement of effective risk management and internal control systems. The Group ensures that Board members possess the necessary expertise and competencies through the following measures:

- Formulate and implement the *Board Diversity Policy*, which considers factors such as gender, age, cultural background, educational qualification, experience, knowledge and length of service when nominating Board members, with the Nomination Committee overseeing the implementation of this policy;
- Provide annual sustainability-related training for Board members, covering topics such as latest sustainability trends, disclosure standards and regulatory developments, industry best practices in climate risk and opportunity management, and green finance, etc;
- Engage external experts and consultants when necessary to provide professional advice and guidance to the Board, ensuring scientific rigour and forward-looking perspectives in decision-making.

可持續發展管治

董事局是本集團可持續發展事宜的最高決策層和最高監督機構，負責提供戰略方向，制定和審查重大議題的相關戰略及目標。同時，董事局還負責監督本集團的可持續發展事宜，評估、優次排序和管理相關風險，確保實施並不斷完善有效的風險管理和內部控制。本集團通過以下措施，確保董事局成員具備必要的專業知識和技能：

- 制定並執行《*董事局成員多元化政策*》，於提名董事局成員時考慮性別、年齡、文化、教育、經驗、知識和任期等因素，並由提名委員會監督該政策的執行情況；
- 每年為董事局成員提供可持續發展相關培訓，內容涵蓋可持續發展最新趨勢、信息披露標準和監管動向、氣候風險和機遇管理行業最佳實踐、綠色金融等；
- 於必要時邀請外部專家和顧問為董事局提供專業意見和指導，確保決策的科學性和前瞻性。

SUSTAINABILITY MANAGEMENT 可持續發展管理

The Group's Sustainability Committee, appointed by the Board, is chaired by the Executive Director and Chief Financial Officer, with members including the Executive Director and Chief Executive Officer, as well as three Independent Non-executive Directors. The Committee is authorised by the Board to assist in overseeing and managing the Group's sustainability matters and their economic, environmental and social impacts. It is responsible for identifying, evaluating and managing material issues, whilst regularly reporting progress and management status to the Board. The Sustainability Committee also oversees the sustainability performance of both the Group as a whole and individual departments, and approves relevant reports. For detailed information about the members of the Board and the Sustainability Committee, please refer to the Group's Annual Report.

To support the work of the Sustainability Committee and coordinate the implementation of sustainability-related initiatives, the Group has established a Sustainability Leading Group and a Sustainability Working Group. The Sustainability Leading Group, comprising senior management from different departments and subsidiaries, is responsible for formulating policies and development directions, as well as monitoring and regularly reporting the implementation status of various initiatives to the Sustainability Committee. The Sustainability Working Group is responsible for coordinating with various business units to drive the execution and implementation of sustainability strategies and action plans, whilst providing timely implementation updates to the Sustainability Leading Group. All relevant departments and subsidiaries actively cooperate with and respond to the sustainability policies and initiatives, ensuring their business operations align with sustainability strategies and action plans.

本集團的可持續發展委員會由董事局任命，由執行董事兼首席財務總監擔任主席，成員包括執行董事兼行政總裁以及三名獨立非執行董事。該委員會獲董事局授權，協助監督和管理本集團的可持續發展事宜及其對經濟、環境和社會的影響，負責識別、評估和管理重要事項，並定期向董事局匯報進展和管理情況。委員會還負責監督本集團整體及各部門的可持續發展表現，並審批相關報告。有關董事局及可持續發展委員會成員的詳細信息，請參閱本集團的《年報》。

為輔助可持續發展委員會的工作，統籌並落實可持續發展相關措施，本集團設立有可持續發展領導小組和工作小組。其中，領導小組由各部門及附屬公司的高級管理人員組成，負責制定政策和發展方向，並監督和定期向可持續發展委員會匯報各項措施的執行情況。工作小組負責協調各業務部門，推動各項可持續發展策略和行動計劃的執行和落實，並及時向領導小組匯報執行情況。各相關部門及附屬公司積極配合並響應可持續發展政策及工作，推動其業務營運與可持續發展策略及行動計劃保持一致。

SUSTAINABILITY MANAGEMENT 可持續發展管理

BOARD 董事局

- Oversee sustainable development matters
監督可持續發展事宜
- Review sustainable development strategies and objectives
檢討可持續發展戰略及目標
- Oversee sustainability risk management and ensuring the effectiveness of internal control systems
監督可持續發展風險管理，確保內部監控系統的有效性
- Review sustainability related reports
審批可持續發展相關報告

SUSTAINABILITY COMMITTEE 可持續發展委員會

- Review sustainability-related risks and opportunities
審視可持續發展風險及機遇
- Report regularly to the Board on progress and management status
定期向董事局匯報進度及管理情況
- Review sustainability related reports
審閱可持續發展相關報告
- Assist the Board in monitoring the Group's and departmental sustainability performance and risks, including the progress of key performance indicators
協助董事局監督本集團及各部門的可持續發展表現及風險，包括績效指標完成進度

SUSTAINABILITY LEADING GROUP 可持續發展領導小組

- Oversee and report regularly to the Sustainability Committee on the implementation of sustainable development work
監督及定期向可持續發展委員會匯報可持續發展工作的執行情況
- Coordinate the formulation of sustainability policies and development directions
統籌訂立可持續發展政策及發展方向
- Supervise departments in completing sustainability disclosures
督導各部門完成可持續發展信息披露
- Identify sustainability risk and opportunity management
識別可持續發展風險及機遇管理

SUSTAINABILITY WORKING GROUP 可持續發展工作小組

- Coordinate and monitor all business units and subsidiaries to facilitate the execution of sustainability work, including risk assessment, preparation of sustainability reports, etc
協調及監察各業務部門和附屬公司，促進可持續發展工作的執行，包括風險評估、編制可持續發展報告等
- Collect feedback on a regular basis
定期收集反饋意見
- Timely report on implementation progress to the Sustainability Leading Group
及時向可持續發展領導小組匯報執行情況

SUSTAINABILITY MANAGEMENT 可持續發展管理

SUSTAINABILITY STRATEGY AND OBJECTIVES

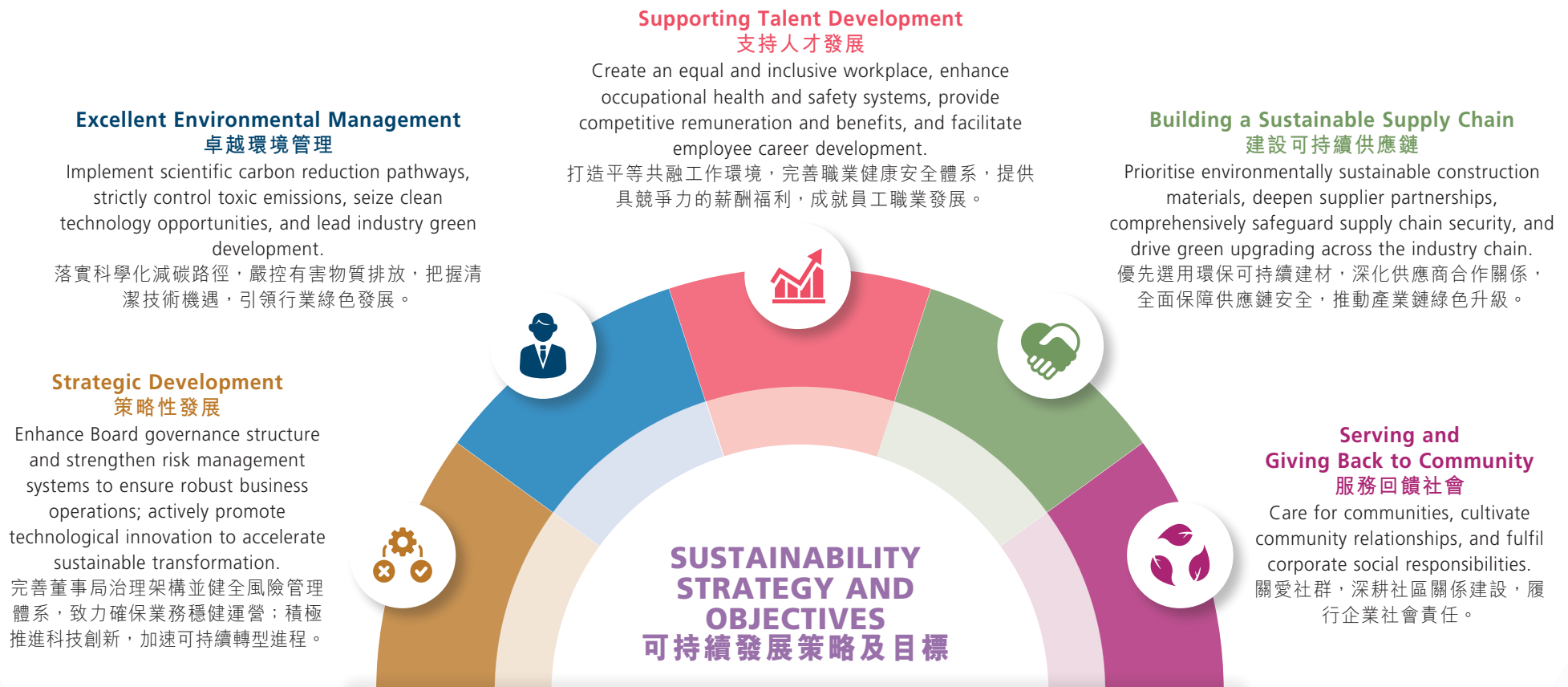
Upholding its sustainability philosophy, the Group has established a strategic framework centred on five pillars, fully integrating ESG elements into corporate operations. These five pillars are “Strategic Development”, “Excellent Environmental Management”, “Supporting Talent Development”, “Building a Sustainable Supply Chain” and “Serving and Giving Back to Community”.

Through systematic management of these key issues, we are committed to driving sustainable development in the construction industry and making positive contributions towards the UNSDGs.

可持續發展策略及目標

本集團秉持可持續發展理念，制定了以五大支柱為核心的策略框架，將ESG要素全面融入企業營運。這五大支柱分別為「策略性發展」、「卓越環境管理」、「支持人才發展」、「建設可持續供應鏈」、「服務回饋社會」。

通過系統性地管理這些關鍵議題，我們矢志推動建築業可持續發展，為實現聯合國可持續發展目標作出積極貢獻。



SUSTAINABILITY MANAGEMENT 可持續發展管理

Strategy 策略	UNSDGs 聯合國 可持續發展目標	Corresponding Material Issues 對應的 關鍵重要性議題	Action Plans 行動計劃	2024 Progress 2024年進展
Strategic Development 策略性發展	 	Corporate governance 企業管治 Ethical business 商業道德	- Further improve Board professionalism and decision-making efficiency through regular training programmes 通過定期培訓進一步提升董事局專業性和決策效率 - Strengthen the ESG risk management framework 強化ESG風險管理體系 - Improve internal control systems for business ethics and enhance audit supervision mechanisms 健全商業道德內控制度，完善審計監督機制 - Provide regular anti-corruption training for Board members and employees 定期為董事和員工提供反貪腐培訓	- Provided comprehensive training for the Board, including sustainability topics, to enhance directors' professional capabilities 為董事局提供包括可持續發展在內的各項培訓，提升董事專業能力 - Conducted anti-corruption training for employees 為員工提供反貪腐培訓 - Implemented the signing of <i>Integrity Pledge</i> with suppliers 與供應商簽署《廉潔承諾書》

SUSTAINABILITY MANAGEMENT 可持續發展管理

Strategy 策略	UNSDGs 聯合國 可持續發展目標	Corresponding Material Issues 對應的 關鍵重要性議題	Action Plans 行動計劃	2024 Progress 2024年進展
		Innovation and intellectual property 創新與知識產權	- Establish annual plans for technological innovation and patent applications 訂立年度創新科技工作計劃和專利申請計劃 - Cultivate internal technical talent and enhance in-house R&D capabilities 培養內部技術人才，提升內部研發實力 - Efficiently utilise R&D funding, promote cooperation with universities and research institutions to drive innovative technology development 高效利用研發資金，推進高校和研發機構合作，推動創新技術發展	- Established Technology Management Reform Leadership Team and Working Group, directly led by the Chief Executive Officer (CEO) 建立了由行政總裁直接領導的科技管理改革領導小組和工作小組 - Continuously deepen industry-academia-research collaboration with universities, partnering with Hunan University, Shenzhen University, Tsinghua University, Hong Kong Polytechnic University and others to conduct cutting-edge technology research, including new BIPV products, BIPV intelligent design optimisation, and BIPV operational cooling 持續深化與高校的產學研合作，攜手湖南大學、深圳大學、清華大學、香港理工大學等開展前沿技術研發，研究範圍包括新型BIPV、BIPV智能設計優化、BIPV運行降溫等領域 - Apply BIM in new projects to sequentially develop and analyse conceptual models, approximate geometric models, precise geometric models, manufacturing models, and completion models, successfully completing three-dimensional curved facade designs 在新項目中應用BIM依次進行概念性模型、近似幾何模型、精確幾何模型、加工製造模型、竣工模型的建立和分析，順利完成了三維雙曲幕牆的設計工作 - Enhance safety in high-altitude operations by improving the utilisation of remotely controlled water testing robots and welding robots 通過提升遠程控制的試水機械人、燒焊機器人的利用率提升高空作業的安全性

SUSTAINABILITY MANAGEMENT 可持續發展管理

Strategy 策略	UNSDGs 聯合國 可持續發展目標	Corresponding Material Issues 對應的 關鍵重要性議題	Action Plans 行動計劃	2024 Progress 2024年進展
		Product quality and safety 產品質量與安全	- Monitor changes in relevant industry regulations and standards promptly to ensure compliance 及時關注相關行業法規和標準的變化，確保產品合規 - Establish a comprehensive quality control system 建立全面的品質管制體系 - Strengthen supply chain management to ensure raw materials meet safety standards 加強供應鏈管理，確保其提供的原材料符合安全標準	- Regularly track the latest industry laws and regulations 定期追蹤行業最新法律法規 - Enhance product production efficiency and compliance through BIM technology and digital mechanical equipment 通過運用BIM技術和數位化機械設備，提升產品生產效率和合規性 - Completed the launch of the third phase of “Far East Smart”, the full life cycle management platform of digital Far East Facade, achieving digital decision-making evolution for projects 完成「數字遠東」幕牆全生命週期管理平臺第三期，實現項目數位化決策演進
		Customer service quality and complaints handling 顧客服務的質素及投訴處理	- Establish regular customer feedback mechanisms to continuously monitor customer satisfaction and improve products and services based on feedback 建立定期的客戶回饋機制，持續監控客戶滿意度，並根據回饋不斷改進產品和服務 - Provide multi-channel customer support (telephone, chat software, email, etc.) for convenient customer communication 提供多渠道客服支援（電話、聊天軟件、郵件等），方便客戶聯繫	- Understand customer expectations and suggestions through questionnaires 通過問卷的形式了解客戶的期望和建議 - Established a customer service response process and an online system to record customer opinions and suggestions 建立了客服響應流程，並建立線上系統記錄客戶的意見和建議
		Customer privacy and data protection 客戶私隱及資料保密	- Optimise protection mechanisms for business confidentiality 優化商業機密的保護機制 - Strengthen employee awareness of cybersecurity 強化員工網絡安全意識	- Provided regular internal cybersecurity training for employees 定期為員工提供內部網絡安全培訓 - Established a Confidentiality Committee led by the CEO and a Confidentiality Committee Office comprising heads of various departments to strengthen management of confidential business information 成立了由行政總裁領導的保密工作委員會和由各部門負責人組成的保密工作委員會辦公室，加強對商業機密的管理

SUSTAINABILITY MANAGEMENT 可持續發展管理

Strategy 策略	UNSDGs 聯合國 可持續發展目標	Corresponding Material Issues 對應的 關鍵重要性議題	Action Plans 行動計劃	2024 Progress 2024年進展
Excellent Environmental Management 卓越環境管理	7 AFFORDABLE AND CLEAN ENERGY 11 SUSTAINABLE CITIES AND COMMUNITIES 12 RESPONSIBLE CONSUMPTION AND PRODUCTION 13 CLIMATE ACTION	Climate change mitigation 應對氣候變化	- Identify and assess climate-related physical and transition risks, implement qualitative climate scenario analysis, and improve climate risk response measures 識別並評估氣候相關物理及轉型風險，實施定性的氣候情景分析，完善氣候風險應對措施 - Expand and improve Scope 3 disclosure coverage 擴大並完善範圍三披露範圍 - Increase R&D efforts for advanced BIPV technology 加大BIPV先進技術的研發力度 - Create BIPV pilot projects and promote their implementation 打造BIPV示范項目並推廣宣傳 - Continue low-emission technological transformation of Huanggu Thermoelectricity's hot water boilers to improve heating efficiency and reduce heating emissions 持續進行皇姑熱電熱水鍋爐低排放技術改造，提高供暖效率，降低供暖排放	- Carbon intensity at the operational level (Scope 1 and Scope 2) has decreased by 28% compared to 2021 業務營運層面（範圍一和範圍二）碳密度較2021年已下降28% - Expanded Scope 3 disclosure coverage to include capital goods in overall GHG data reporting, and improve data disclosure of purchased goods and services, operational waste, and business travel data 擴大範圍三披露範圍，將資本商品納入整體溫室氣體數據披露，並完善外購商品及服務、營運中產生的廢棄物和類商務旅行數據披露 - Participated in 18 benchmark BIPV projects. 共參與BIPV標杆項目18個 - Fully committed to developing two new BIPV product lines: Light F and Light R 全力研發兩項全新BIPV產品系列，即Light F和Light R - Residence Office of Far East (Zhuhai) received the Zero-Energy Building National certification 遠東珠海宿舍辦公樓獲零能耗建築國家標識認證 - Huanggu Thermoelectricity completed its first carbon transaction this year 皇姑熱電於本年度完成首筆碳交易

SUSTAINABILITY MANAGEMENT 可持續發展管理

Strategy 策略	UNSDGs 聯合國 可持續發展目標	Corresponding Material Issues 對應的 關鍵重要性議題	Action Plans 行動計劃	2024 Progress 2024年進展
		Waste management 廢棄物管理 Use of materials 物料使用 Air emission 廢氣排放 Water and effluents 水資源使用及污水	- Develop waste classification and management plans to ensure recyclable materials are properly handled, reducing landfill use 制定廢棄物分類和管理計劃，確保可回收材料得到妥善處理，減少填埋 - Assess current packaging material usage, identify excessive packaging and unnecessary materials, and formulate improvement plans 評估現有包裝材料的使用情況，識別過度包裝和不必要的材料，制定改進計劃 - Prioritise recyclable or reusable packaging materials to reduce dependence on single-use materials 優先使用可回收或可再利用的包裝材料，降低對一次性材料的依賴 - Evaluate existing production and construction processes, adopt more efficient technologies and equipment to reduce material waste and pollutant emissions 評估現有生產和施工工藝，採用更高效的技術和設備，減少材料浪費和污染物排放 - Install water-saving devices at production sites 在生產現場安裝節水裝置 - Conduct environmental protection and water conservation training to raise workers' awareness of emission and waste reduction, encouraging them to propose improvement suggestions 開展環保和節水培訓，提高工人對減少排放和廢棄物的意識，鼓勵他們提出改進建議	- Air pollutant emissions reduced by 37% compared to 2023 大氣污染物排放較2023年降低37% - Huanggu Thermoelectricity completed ultra-low emission upgrades for dust removal, desulphurisation, and denitrification on six boilers to enhance environmental protection standards 皇姑熱電對六台鍋爐進行除塵、脫硫和脫硝超低排放改造，以提升環保技術水平 - Received the "Green Office 5+" Certification from the World Green Organisation for eight consecutive years 連續八年獲頒世界綠色組織「綠色辦公室5+」

SUSTAINABILITY MANAGEMENT 可持續發展管理

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Supporting Talent Development 支持人才發展	3 GOOD HEALTH AND WELL-BEING 5 GENDER EQUALITY 8 DECENT WORK AND ECONOMIC GROWTH 10 REDUCED INEQUALITIES	OHS 職安健	- Implement various safety responsibilities and improve the supervision system 落實各項安全責任，完善監督體系 - Build safety culture and regularly conduct various safety training for employees 建設安全文化，定期為員工進行各項安全培訓 - Regularly implement risk investigation at multiple level, improve safety emergency management and key area management 定期實施風險分級排查，完善安全應急管理和重點領域管理	- The rate of workdays lost due to work injuries is 7.6, achieving the 2024 target 員工因工傷損失日數比率為7.6，達成2024年目標 - Each business segment has systematically implemented safety management training, focusing on equipment operation procedures, hazard identification, and workplace safety knowledge training 各業務板塊有序落實安全管理培訓工作，重點開展設備操作規程、隱患排查及職場安全知識等方面的培訓 - Total safety training hours reached 25,089.5 hours 安全總培訓時數達25,089.5小時
		Employee retention 保留人才	- Understand employee expectations and needs through multiple channels 多渠道了解員工的期望和訴求 - Increase employee activities to enhance sense of belonging to the enterprise 增加員工活動以提升對企業的歸屬感 - Discuss career development goals with employees and provide clear development paths 與員工討論職業發展目標，提供明確的發展方向 - Understand the reasons why employees leave the enterprise 了解離職員工的離職原因	- Organised diverse employee activities 舉辦多樣化員工活動 - Conducted exit interviews with departing employees to understand their reasons for leaving 與離職員工面談，了解離職原因
		Employee training and development 員工培訓及發展	- Recommend links and platforms for learning resources to facilitate employees' self-directed learning 推薦學習資源的連結和平臺，便於員工自主學習 - Organise internal and external training courses, inviting experienced employees or external experts to share professional knowledge, raising the skill level of the team 組織內外培訓課程，邀請經驗豐富的員工或外部專家分享專業知識，提升團隊的技能水準	Provide diversified training topics for employees based on annual training objectives, with average training hours reaching 46.5 hours per person 根據年度培訓目標，為員工提供多樣化培訓主題，人均培訓時數達到46.5小時

SUSTAINABILITY MANAGEMENT 可持續發展管理

Strategy 策略	UNSDGs 聯合國 可持續發展目標	Corresponding Material Issues 對應的 關鍵重要性議題	Action Plans 行動計劃	2024 Progress 2024年進展
Building a Sustainable Supply Chain 建設可持續供應鏈	 	Diversity and equal opportunity 多元平等與包容 Responsible supply chain management 負責任的供應鏈管理	- Develop and promote anti-discrimination and inclusion policies, clearly establishing zero tolerance for any form of discriminatory behaviour 制定並宣導反歧視和包容政策，明確對任何形式的歧視行為零容忍 - Regularly assess suppliers' sustainability risks and performance, and update the supplier list based on results 定期評估供應商的可持續發展風險及表現，並根據結果更新供應商清單 - Optimise internal management documents, integrate sustainability factors into supplier selection and evaluation processes, improve supplier management standards, thereby reducing supply chain risks 優化內部管理文件，將可持續因素融入供應商的篩選和評估過程中，提升供應商管理水準，從而降低供應鏈風險 - Improve green procurement policies, prioritise renewable materials and environmentally friendly products to reduce environmental impact 完善綠色採購政策，優先考慮可再生材料和環保產品，減少對環境的影響 - Include reasonable procurement distance (not exceeding 800 kilometres) as one of the criteria for green supplier selection 將合理的採購距離（不超過800千米）納入綠色供應商選擇標準之一 - Regularly organise training for suppliers and subcontractors to ensure they understand the Group's sustainability requirements 通過定期舉辦供應商及分判商培訓，使供應商了解本集團可持續發展方面的要求	- Signed the "The Racial Diversity & Inclusion Charter for Employers" initiated by the Equal Opportunities Commission 簽署由平等機會委員會發起的《種族多元共融僱主約章》 - Conducted comprehensive assessments of suppliers regularly and updated the supplier list based on results 定期對供應商進行全面評估，並根據結果更新供應商清單 - Invited independent consultants to conduct specialised GHG emission training for suppliers to enhance their GHG emission management capabilities 邀請獨立顧問為供應商開展溫室氣體排放專題培訓，以提升供應商的溫室氣體排放管理能力 - Over 93% of suppliers are located in China 超過93%的供應商位於中國
Serving and Giving Back to Community 服務回饋社會	   	Community involvement 社區參與	Establish partnerships with local non-profit organisations and community groups, encouraging employees to participate in their projects and activities 與當地非營利組織和社區團體建立合作關係，鼓勵員工參與其項目和活動	The Group continues to promote youth development by joining the "Strive and Rise Programme" youth development programme; meanwhile, we actively invest in communities, with our employees completing a total of 322 hours of volunteer service during the year 本集團持續推動青年培育工作，參與「共創明Teen」青年發展計劃；同時積極投資社區，我們的員工年內完成志願服務共322小時

SUSTAINABILITY MANAGEMENT 可持續發展管理

SUSTAINABILITY RISK MANAGEMENT

In the course of business development, the Group has gained profound recognition of sustainability risks and the opportunities they present. As global attention to sustainable development continues to intensify, we recognise the need to adapt our traditional business model to meet evolving environmental and societal demands.

To promptly and comprehensively identify sustainability-related risks and establish effective preventive and response measures, the Group has established a robust risk management framework with clearly defined responsibilities. The Board, as the highest governing body, maintains stringent oversight of sustainability risk management and ensures the sound operation of internal control systems. The Sustainability Committee, established under the Board, is specifically responsible for evaluating the Group's sustainability risks and opportunities, and assists the Board in formulating long-term development strategies. The Sustainability Leading Group is tasked with conducting detailed monitoring and assessment of the Group's sustainability risks, implementing comprehensive risk management, and regularly submitting reports and strategic recommendations to the Sustainability Committee. Meanwhile, the Sustainability Working Group is responsible for facilitating inter-departmental collaboration, executing risk assessments, and providing regular updates to the Leading Group to maintain professional and efficient risk control. Through active management of sustainability-related risks, the Group not only minimises potential losses but also positions itself to comprehensively address potential challenges and capture various development opportunities.

The Group has established a risk management process to comprehensively and systematically evaluate sustainability-related risks. Our risk management strategy serves not only as a tool for asset protection but also as a cornerstone for driving innovation and sustained growth. Through materiality assessment, risk analysis reports and mega-trend analysis, we conduct in-depth research into industry dynamics to identify potential sustainability risks facing the Group. We also conduct correlation analysis and impact assessment of these risks against crucial factors. These factors include the Group's business operations, financial performance, development strategy, operational management and brand reputation. Through this process, we have developed a comprehensive risk inventory. These risks stem from various sources, including financial market uncertainties, potential project failures, legal liabilities, credit risks, accidents, natural disasters, competitive attacks, and other contingencies.

可持續發展風險管理

本集團在業務發展的過程中深刻認識到可持續發展風險及其所帶來的機遇。隨著全球對可持續發展的關注度正在不斷提高，我們意識到傳統業務模式需要調整，以適應不斷變化的環境和社會需求。

為及時和全面識別可持續發展相關風險並建立有效的預防和應對措施，本集團建立了完善的風險管理架構，並制定了明確的職責分工。董事局作為最高治理機構，對可持續發展風險管理進行嚴格監督，並保障內部監控體系的穩健運作。旗下設立的可持續發展委員會，專責評估本集團面臨的可持續發展風險與機遇，並協助董事局制定長遠發展戰略。可持續發展領導小組負責對本集團的可持續風險進行精細監控與評估，執行全方位風險管理，並定期向委員會提交報告及建議策略。同時，可持續發展工作小組負責促進部門間的協作，執行風險評估，並向領導小組定期匯報，以維護風險控制的專業性和效率。通過積極管理可持續發展相關風險，在降低潛在損失的同時，亦能使本集團全面應對潛在挑戰並把握各種發展機遇。

本集團已建立一套風險管理程序，以全面、系統性評估可持續發展相關風險。我們的風險管理策略不僅是保護資產的工具，更是推動創新和持續增長的基石。通過重要性評估、風險分析報告及大趨勢分析，我們深入研究行業動態，以識別本集團潛在的可持續發展風險。我們通過將這些風險與本集團的業務運作、財務表現、發展策略、營運管理及品牌聲譽等重要因素進行關聯性分析和影響評估，形成一份全面的風險清單。這些風險的來源包括金融市場的不確定性、項目失敗的潛在風險、法律責任、信用風險、事故、自然災害、競爭對手的威脅，以及其他不確定事件。

SUSTAINABILITY MANAGEMENT 可持續發展管理

Based on this risk inventory, we develop risk assessment questionnaires. Board members, senior management and relevant department heads use these questionnaires to regularly evaluate each risk's probability and severity through a scoring system. We then prioritise risks based on the consolidated scoring results. The Group conducts thorough reviews of high-risk items identified in the assessment results and formulates or updates corresponding risk management plans, thereby enhancing business continuity and overall resilience to maintain competitive advantages in an ever-changing market environment.

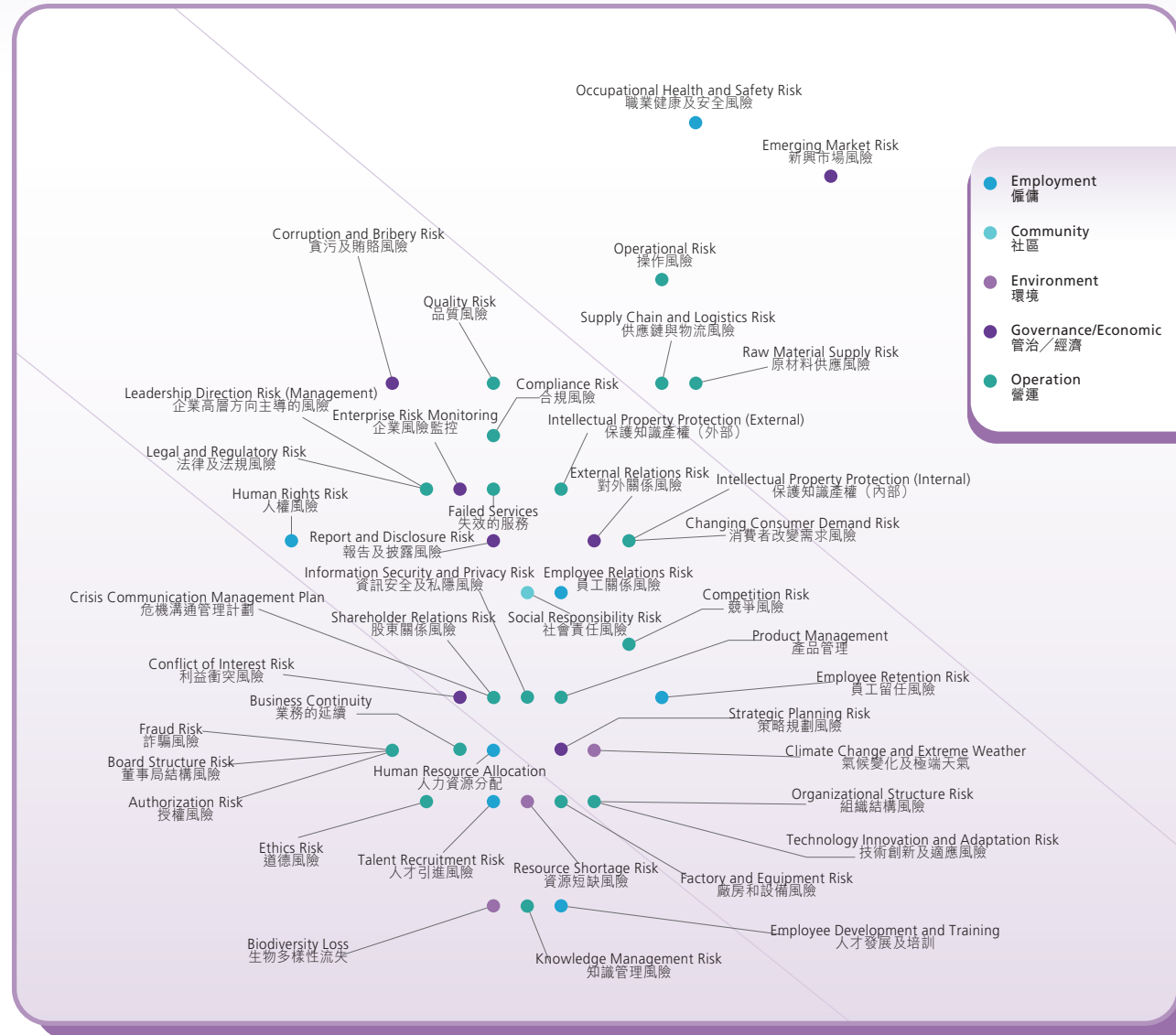
In 2024, the Group commissioned an independent consultant to conduct a sustainability risk assessment. The assessment integrated multiple sources: internal risk inventories, this year's sustainability issues database, risk analysis reports and mega-trend analysis. Through this process, 43 potential sustainability risks were identified across five aspects: employment, community, environment, governance/economic and operations. Among these, 5 were classified as potential high-risk items. To effectively address these high-risk items, the Group is actively consolidating existing resources and planning strategic adjustments to future development strategies whilst continuously improving risk management practices.

基於此風險清單製作得到風險評估問卷後，本集團的董事局成員、高級管理層及相關部門負責人通過評分的形式定期評估每項風險的發生概率及其嚴重性，再整合評分結果對風險進行優先排序。本集團針對評估結果中的高風險項目進行深入檢視，制定或更新相應的風險管理計劃，從而提升業務運營的延續性及整體韌性，確保在不斷變化的市場環境中保持競爭優勢。

2024年，本集團委托獨立顧問開展了可持續發展風險評估，通過整合內部風險清單、本年度可持續發展議題庫、風險分析報告和大趨勢分析，識別出涵蓋僱傭、社區、環境、管治／經濟和營運五個層面共43項潛在的可持續發展風險，其中包括5項潛在高風險項。為了有效應對高風險，本集團積極整合現有資源，並計劃對未來的發展策略進行戰略性調整，不斷改進風險管理工作。

SUSTAINABILITY MANAGEMENT 可持續發展管理

2024 Sustainability Risk Matrix 2024年可持續發展風險矩陣



SUSTAINABILITY MANAGEMENT 可持續發展管理

Aspect 層面	Potential Sustainability Risks 潛在的可持續發展風險	Risk Description 潛在的風險描述	Management Measures 管理措施
Employment 僱傭	Occupational Health and Safety Risk 職業健康及安全風險	Companies fail to provide a safe working environment, which may lead to accidents (e.g., construction site accidents) resulting in employee injuries or even fatalities, thus damaging business reputation (For example, failure to establish appropriate plans for site management or safety measures) 企業未能提供一個安全的工作環境，可能會引發事故（例如：工地事故）導致員工受傷甚至死亡，從而使企業商業信譽受損（例如：未能就工地管理或安全防護制定相應計劃）	We have established a comprehensive safety governance framework and implemented a series of health and safety management systems and measures, including: 我們成立了完善的安全治理架構，並制定了一系列健康及安全管理制度和措施，包括： • Safety accountability implementation; 安全責任落實； • Safety culture development; 安全文化建設； • Supervision system establishment; 監督體系建設； • Risk-based assessment and classification; 風險分級排查； • Emergency safety management; 安全應急管理； • Key area management. 重點領域管理。 For further details, please refer to the <i>“Occupational Health and Safety”</i> section. 詳情請參閱「職業健康安全」章節。

SUSTAINABILITY MANAGEMENT 可持續發展管理

Aspect 層面	Potential Sustainability Risks 潛在的可持續發展風險	Risk Description 潛在的風險描述	Management Measures 管理措施
Governance/ Economic 管治／經濟	Emerging Market Risk 新興市場風險	Companies fail to understand the business, cultural, and regulatory contexts of emerging markets, lacking a corporate-level strategy to address sudden business challenges when operating in these markets 企業無法理解新興市場業務、文化和法規情況，並缺乏企業層面的策略，從而未能應對在新興市場經營或經營時突然出現的業務挑戰	• We are accelerating our expansion into the Singapore market while actively exploring potential opportunities in the Middle East. 我們正加快進軍新加坡市場的步伐，並積極探索中東市場的潛在機會。 • A dedicated team has been established to conduct in-depth analysis of emerging markets’ cultures, regulations, and market dynamics, enabling timely identification of potential challenges and opportunities for executive decision-making. 成立專門團隊，深入分析新興市場的文化、法律法規及市場動態，及時識別潛在挑戰與機遇，以幫助決策層迅速獲取關鍵信息。 • Cross-cultural training focusing on emerging markets is provided to enhance employee understanding of local cultures and business practices. 提供針對新興市場的跨文化培訓，以提升員工對當地文化及商業慣例的理解。 • Business strategies are maintained with flexibility to ensure swift adjustments based on market feedback and changes. 增強業務戰略的靈活性，確保能夠根據市場反饋和變化迅速調整。 • Partnerships have been established with local enterprises, government agencies, and industry associations to gain market insights and resource support, thereby enhancing our local market influence and visibility. 與當地企業、政府機構及行業協會建立合作關係，以獲取市場洞察和資源支持，從而提升在當地的市場影響力和知名度。

SUSTAINABILITY MANAGEMENT 可持續發展管理

Aspect 層面	Potential Sustainability Risks 潛在的可持續發展風險	Risk Description 潛在的風險描述	Management Measures 管理措施
Operation 營運	Supply Chain and Logistics Risk 供應鏈與物流風險	Poorly positioned and/or underperforming suppliers threaten companies, as there is an inability to effectively and efficiently manage environmental and social issues within the supply chain and provide services aligned with companies' strategies and goals (e.g., suppliers offering unreasonable wages or employing child labour) 定位不良和／或表現不佳的供應商危及公司，未能有效和高效地管理供應鏈中的環境和社會議題的能力，並且未能提供與企業策略和目標相符的服務（例如：供應商提供不合理薪金予工人或採用童工等）	• The Group will strengthen collaboration with contractors, suppliers, and subcontractors to enhance their resilience and sustainability capabilities through responsible procurement practices, thereby reducing environmental and social risks in the supply chain. 本集團將加強與承包商、供應商和分包商之間的合作，通過負責任的採購行為提升其應變能力與可持續發展能力，以降低供應鏈中的環境和社會風險。 • We will avoid over-reliance on any single supplier or subcontractor to ensure business operations and continuity can be maintained during supply chain disruptions, minimising potential impacts. 我們將避免對任何單一供應商或分包商的過度依賴，以確保在供應鏈中斷的情況下能夠維持業務運營和連續性，最大限度地降低潛在影響。 • We have clearly defined consequences for non-compliance, including measures against non-compliant suppliers such as warnings, corrective actions, or termination of partnerships. 我們明確規範違規行為的後果，包括對不合規供應商採取的措施，如警告、整改或終止合作。 • We provide sustainability-related training to suppliers and encourage them to improve their sustainability management systems and data management systems. 我們給供應商提供可持續發展相關培訓，鼓勵他們完善各自的可持續發展管理體系和數據管理體系。

SUSTAINABILITY MANAGEMENT 可持續發展管理

Aspect 層面	Potential Sustainability Risks 潛在的可持續發展風險	Risk Description 潛在的風險描述	Management Measures 管理措施
Operation 營運	Raw Material Supply Risk 原材料供應風險	Unstable or unreliable raw material supplies affect operational quality and increase costs associated with finding new suppliers (e.g., high defect rates from suppliers) 不穩定或不可靠的原材料供應會影響運營品質，並增加尋找新供應商的成本（例如：供應商的產品不合格率過高）	• The Supplier Evaluation Form encompasses assessment indicators including quality and delivery time. Through cross-departmental collaboration, comprehensive evaluations are conducted to monitor supplier performance and ensure compliance with our quality management standards. 《供應商評估表》涵蓋品質、交貨期等評價指標，通過各業務部門的協作進行全面評估，以監管供應商的表現，確保其遵循我們的質量管理標準。 • We will closely monitor each project to ensure procured materials and equipment strictly comply with construction site and engineering standards. 我們將密切監控每個項目，確保採購的材料和設備嚴格符合施工現場及工程標準。 • The Procurement Department conducts annual comprehensive assessments of all existing suppliers and updates the List of Approved Suppliers based on evaluation results. Suppliers failing to meet quality and delivery requirements will face penalties including warnings, fines, suspension of bidding qualifications, or removal from the list. 採購部每年將對所有現有供應商進行全面評估，並根據評估結果更新《認可供應商名冊》。對於未能按質及時供貨的供應商，將採取警告、罰款、暫停投標資格或從名冊中除名等處罰措施。 • Safety stock levels are established with dynamic inventory strategies based on market demand and raw material supply chain fluctuations to mitigate supply disruption impacts. 建立安全庫存水平，根據市場需求及原材料供應鏈波動制定動態庫存策略，以減少因供應中斷造成的影響。 • A cross-departmental emergency response team has been formed to rapidly assess and respond to raw material supply disruptions, ensuring efficient communication and swift decision-making. 組建跨部門的應急響應小組，負責在原材料供應中斷時快速評估情況並採取行動，以確保信息暢通和快速決策。

SUSTAINABILITY MANAGEMENT 可持續發展管理

Aspect 層面	Potential Sustainability Risks 潛在的可持續發展風險	Risk Description 潛在的風險描述	Management Measures 管理措施
Operation 營運	Operational Risk 操作風險	Companies fails to coordinate and control plant operations, maintenance, safety, environment, and quality departments to produce products that meet customer specifications and expectations 企業無法協調和控制廠房營運、保養、安全、環境和品質等部門，來生產符合客戶規格和期望的產品	• We have established project delivery risk response procedures to standardise risk management processes, including risk identification, quantification, and implementation of corresponding mitigation measures. 我們已建立項目交付風險應對程序，旨在標準化風險管理流程，具體包括識別和量化項目風險，並採取相應的緩解措施。 • We employ advanced intelligent construction technologies, promoting digitalised, mechanised, and automated production and construction models, while utilising BIM technology for lifecycle management of construction environments to ensure production quality and safety management. 我們採用先進的智能建造技術，推動數字化、機械化和自動化的全生產及建造模式，並運用BIM技術進行施工環境的全生命周期管理，以確保生產品質和安全管理。 • We are committed to developing MiC facade products suitable for various structural forms, transferring on-site construction processes to controlled factory environments. This reduces on-site construction steps and minimises impacts from weather, labor, and site conditions while improving construction quality, productivity, safety, and environmental performance. 我們致力於研發適用於各類結構形式的MiC幕牆產品，將現場建築工序轉移至受控的廠房，從而減少現場施工步驟，降低天氣、勞動力和施工場地的影響，同時提升施工品質、生產力、安全性及環境績效。

SUSTAINABILITY MANAGEMENT 可持續發展管理

Aspect 層面	Potential Sustainability Risks 潛在的可持續發展風險	Risk Description 潛在的風險描述	Management Measures 管理措施
			- Regular coordination meetings are held among factory operations, maintenance, safety, environmental, and quality departments to facilitate information sharing and problem-solving, ensuring departmental alignment with corporate objectives and customer expectations. 我們定期召開廠房運營、維護、安全、環境和品質等部門的協調會議，以促進信息共享和問題解決，確保各部門對企業整體目標和客戶期望達成共識。 - Cross-departmental coordination teams will be established for specific projects, ensuring active participation of departmental representatives in decision-making and implementation to promote collaboration and effective communication. 計劃在特定項目中成立跨部門協調小組，確保各部門代表積極參與決策及執行，以促進協作和有效溝通。 - We will strengthen standard operating procedure development and training to ensure employees fully understand and follow relevant procedures, improving work consistency and efficiency. 我們將加強標準作業程序的制定和培訓，確保員工充分理解並遵循相應流程，以提高工作的一致性和效率。

SUSTAINABILITY MANAGEMENT 可持續發展管理

STAKEHOLDER ENGAGEMENT

The Group firmly believes that stakeholder feedback and opinions are crucial for achieving sustainable development. As such, the Group not only annually reviews and identifies key internal and external stakeholder categories but also actively maintains effective communication with various stakeholders to promote open and sincere dialogue. During this year, the Group's identified key stakeholder groups, their areas of concern, and communication methods or channels are presented in the table below.

持份者溝通

本集團堅信持份者的反饋和意見對實現可持續發展至關重要。因此，本集團不僅每年重新審視識別主要的內、外部持份者類別，並積極通過與各持份者保持良好溝通，促進公開、真誠的對話。本年度，本集團識別的主要持份者群體、關注重點以及溝通方式或渠道如下表所示。

The Board and Management 董事局及管理層



Stakeholder Concerns 持份者關注重點

- Healthy and sustainable business development
業務健康持續發展
- Compliant business operations
企業守法合規經營
- Business credit and influence
企業信譽與影響力

Communication Channels 溝通方式或渠道

- Board meetings
董事局會議
- Executive meetings
行政會議
- Questionnaire
問卷調查
- Interview with the management
管理層訪談
- Phone and email
電話及電郵溝通

Employees 員工



Stakeholder Concerns 持份者關注重點

- OHS
職業健康安全
- Employee compensation and benefits
員工福利待遇
- Occupational training opportunities
職業培訓機會

Communication Channels 溝通方式或渠道

- Employee training and workshops
員工培訓及工作坊
- Employee activities and meetings
員工活動及會議
- Employee suggestion box and employee symposiums
員工意見箱及員工座談會
- Internal company newsletter
發行公司內刊
- Questionnaire
問卷調查

Clients and Property Owners 客戶與業主



Stakeholder Concerns 持份者關注重點

- Product and service quality
產品及服務質量
- Protection of customer rights
消費者權益保障

Communication Channels 溝通方式或渠道

- Customer satisfaction survey
客戶滿意度調查
- Professional after-sales service
專業售後服務
- Product quality monitoring
產品質量監督

SUSTAINABILITY MANAGEMENT 可持續發展管理

Suppliers and Contractors 供應商與承包商



Stakeholder Concerns 持份者關注重點

- Cooperation and mutual benefits
合作與共贏
- Contract fulfilment
誠信履約

Communication Channels 溝通方式或渠道

- Site inspection
廠房考察
- Supplier selection management
供應商甄選管理
- Daily operation communication
日常業務交流
- Questionnaire
問卷調查

Shareholders and Investors 股東及投資者



Stakeholder Concerns 持份者關注重點

- Healthy and sustainable business development
業務健康持續發展
- Compliant business operations
企業守法合規經營
- Risk control
風險控制
- Return on investment
投資回報

Communication Channels 溝通方式或渠道

- Shareholders' meeting
股東大會
- Questionnaire
問卷調查
- Announcements, circulars, annual reports and financial statements
公告、通函、年報及財務報表

Peer Enterprises and Partners 同業及合作夥伴



Stakeholder Concerns 持份者關注重點

- Cooperation and mutual benefits
合作與共贏
- Product and service quality
產品及服務質量
- Contract fulfilment
誠信履約

Communication Channels 溝通方式或渠道

- Industry associations
行業商會
- Industry standard-setting organisations
行業標準制定組織

SUSTAINABILITY MANAGEMENT 可持續發展管理

Media 媒體



Stakeholder Concerns
持份者關注重點

- Information disclosure
信息披露
- Community involvement
社區投資

Communication Channels
溝通方式或渠道

- Announcements, circulars, annual reports and financial statements
公告、通函、年報及財務報表
- Website and social media
公司官網及社交媒體

Government 政府機構



Stakeholder Concerns
持份者關注重點

- Compliant business operations
企業守法合規經營
- OHS
職業健康安全
- Protection of customer rights
消費者權益保障

Communication Channels
溝通方式或渠道

- Response to national policies
響應國家政策
- Active cooperation with government agencies in their supervision and inspection efforts
積極配合政府機構監督檢查工作
- Compliance with laws, regulations and government policies
遵守法律法規及政府政策

Communities and the Public 社區與公眾



Stakeholder Concerns
持份者關注重點

- Environmental protection
環境保護
- Community involvement
社區投資

Communication Channels
溝通方式或渠道

- Community involvement
社區投資
- Volunteering service
志願者服務
- Charity and donations
慈善及捐助項目

SUSTAINABILITY MANAGEMENT 可持續發展管理

MATERIALITY ASSESSMENT

Materiality assessment is the cornerstone of sustainable development management. By conducting materiality assessments, the Group identifies priority issues and areas. This process helps clarify sustainable development directions and frameworks. Ultimately, it promotes the deep integration of sustainability concepts into our business development and policy formulation. Meanwhile, we actively collect and listen to stakeholder suggestions, maintaining our commitment to creating long-term value for them.

In 2024, with the assistance of an independent consultant, we conducted a materiality assessment through stakeholder questionnaire surveys combined with management focus group discussions. This process thoroughly examined CSC Development's policies and performance on various sustainability issues and their impact on internal and external stakeholders, while also gathering stakeholders' views and expectations regarding the Group's future development.

重要性評估

重要性評估是可持續發展管理的基石。本集團通過開展重要性評估，識別優先關注議題和領域，明確可持續發展方向和框架，進而推動可持續發展的理念深度融入業務發展和政策制定。同時，我們積極收集和聆聽持份者的建議，持續致力於為其創造長期價值。

2024年，我們在獨立顧問的協助下，以內、外部持份者的問卷調研結合管理層焦點小組討論的形式進行了重要性評估，深入檢視中國建築興業在各項可持續發展議題上的政策及表現對內、外部持份者的影響，同時收集各持份者對中國建築興業未來發展的看法與展望。

SUSTAINABILITY MANAGEMENT 可持續發展管理

Procedures for materiality assessment 重要性評估流程

1

Identification of sustainability issues 議題識別

With reference to 2023 issue list, the ESG Reporting Guide, GRI Standards, and industry benchmarks, we identified 31 sustainability issues closely related to the Group's business and impact this year, mapping them to one of the five strategic areas. Compared to the 2023 issue list, we appropriately consolidated, adjusted, and renamed certain issues, while adding four new topics: "Product Quality and Safety", "Innovation", "Local Economic Development Promotion", and "Risk Management". These additions ensure alignment with peer disclosure topics, market trends, and international practices. This process has resulted in clearer issue categorisation and definitions that better reflect our business operations.

我們參考2023年議題清單、《ESG報告指引》、GRI標準及同業基準，識別出31項本年度與本集團業務及影響密切相關的可持續發展議題，並將其對應至五大策略範疇中的一個。與2023年議題清單相比，我們對部分議題進行了適當的合併、調整及重新命名，並新增了「產品質量與安全」、「創新」、「促進本地經濟發展」及「風險管理」四項議題，以確保與同行披露議題、市場趨勢及國際慣例保持一致。這一過程使得議題的劃分及其內涵更加明確，並更好地契合業務實際。

2

Data collection 數據收集

Through an online questionnaire survey, the Group invited internal and external stakeholders to rate 31 sustainability issues based on their importance to stakeholders and their significance to the Group's business and operations.

During the reporting period, the Group collected 240 valid responses from various stakeholder groups, including Board members, employees, first-tier suppliers, contractors, and investors.

通過網上問卷調查的形式，本集團邀請內部和外部持份者對31項可持續發展議題進行評分。評分標準包括對持份者的重要性以及對本集團業務和營運的重要性。於報告期內，本集團共收到240份有效回復，包括董事局成員、員工、一級供應商、承包商、投資者等持份者組別。

3

Prioritisation of issues 優先排序

We reviewed and consolidated stakeholder feedback and opinions.

Based on the questionnaire survey results, we preliminarily determined the materiality level and ranking of each sustainability issue. Combined with management's perspectives and expectations on the Group's sustainable development gathered from focus group discussions, we made appropriate adjustments to this year's material sustainability issues.

我們審查並匯總了持份者的反饋和意見。根據問卷調查的結果，我們初步確定了每項可持續發展議題的重要性排序，並進一步結合焦點小組討論中管理層對本集團可持續發展的看法或期望，對本年度的重要可持續發展議題進行了適當調整。

4

Review and confirmation 審批確認

The Sustainability Committee reviewed and confirmed the prioritisation of such sustainability issues as our material issues of the year.

可持續發展委員會審查並確認了本年度可持續發展議題的優先次序。

SUSTAINABILITY MANAGEMENT 可持續發展管理



Supporting Talent Development 支持人才發展			Strategic Development 策略性發展			Excellent Environmental Management 卓越環境管理		
31	OHS	職安健	30	Product quality and safety	產品質量與安全	29	Climate change mitigation	應對氣候變化
25	Employee retention	保留人才	24	Intellectual property	知識產權	28	GHG emission	溫室氣體排放
23	Employee training and development	員工培訓及發展	22	Ethical business	商業道德	27	Energy efficiency	能源效益
21	Labour/management relations	勞資關係	20	Innovation	創新	26	Environmental compliance	遵守環境法規
18	Diversity and equal opportunity	多元平等與包容	16	Customer satisfaction	客戶滿意程度	11	Environmental data management	環境數據管理
17	Labour rights	僱傭權益	15	Customer service quality and complaints handling	顧客服務的質素及投訴處理	9	Water and effluents	水資源使用及污水
7	Prevention of child labour and forced labour	禁止童工和強制勞工	14	Customer privacy and data protection	客戶私隱及資料保密	6	Waste management	廢棄物管理
			13	Marketing and product and service labelling compliance	遵守市場推廣及產品和服務標籤的法規	5	Use of materials	物料使用
			8	Risk Management	風險管理	4	Nature-related risk and opportunity management	大自然相關風險和機遇管理
						3	Air emission	廢氣排放
Building a Sustainable Supply Chain 建設可持續供應鏈			Serving and Giving Back to Community 服務回饋社會					
19	Responsible supply chain management	負責任的供應鏈管理	2	Community involvement	社區參與			
12	Fair operating practices on supplier	供應商公平經營實踐	1	Local economic development promotion	促進本地經濟發展			
10	Circular economy	循環經濟						

UNSDGs covered in this chapter
本章節所涉及的UNSDGs:

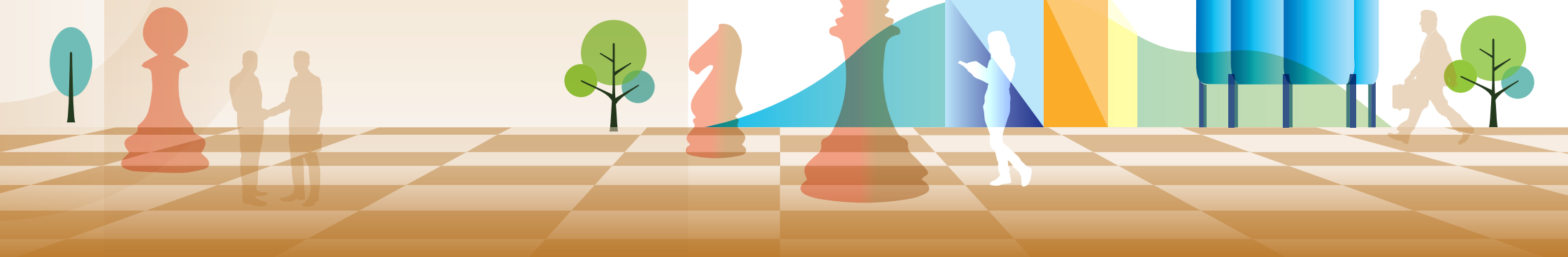


Material Issues:
重要性議題：

- Product Quality and Safety 產品質量與安全
- Intellectual property 知識產權
- Innovation 創新
- Ethical business 商業道德
- Customer service quality and complaints handling 顧客服務的質素及投訴處理
- Customer satisfaction 顧客滿意程度
- Customer privacy and data protection 客戶隱私及資料保密
- Marketing and product and service labelling compliance 遵守市場推廣及產品和服務標籤

Pursuing Strategic Development

堅守策略發展之路



PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

COMPLIANCE AND ETHICAL OPERATIONS

The Group consistently regards integrity and compliance as fundamental principles of operation, and strictly adheres to national laws, regulations and business ethics. We have established a robust internal control system and supervision mechanism, implementing stringent preventive measures against unethical behaviours such as corruption, money laundering and bribery, to promote corporate compliance and ensure long-term, stable development.

BUSINESS ETHICS MANAGEMENT SYSTEM

The Group strictly adheres to national laws and regulations, and has established internal policies such as the *Anti-Corruption Policy* and the *Code of Ethics and Discipline* to prevent fraud, corruption and unfair competition. The *Anti-Corruption Policy* clearly articulates the Group's zero-tolerance approach towards bribery and corruption. This policy encompasses various areas, including the acceptance and offering of benefits, hospitality, conflicts of interest, records and accounts, legal compliance, reporting and investigation procedures, as well as training and communication, with the aim of ensuring integrity, fairness and transparency in business activities. The Group also implements the *Code of Ethics and Discipline* to regulate the conduct of directors and employees and prevent corrupt practices. According to this Code, no individual is permitted to use their position to solicit or receive benefits from others. These benefits may involve money, gifts or other forms of advantages. This not only further safeguards the integrity of business operations but also demonstrates the Group's steadfast commitment to upholding the highest ethical standards. Additionally, the Group organises staff to participate in training sessions organised by parent companies.

合規誠信運營

本集團始終將誠信與合規視為經營的根本理念，並恪守國家法律法規及商業道德。我們建立了健全的內部控制體系和監督機制，對於腐敗、洗錢與賄賂等不道德行為採取了嚴格的防範措施，以促進企業合規運營，並保障長期穩健發展。

商業道德管理體系

本集團嚴格遵循國家法律法規，並制定了《反貪污政策》、《道德與紀律守則》等內部制度，以防止欺詐、貪污與不正當競爭等行為。《反貪污政策》明確表明本集團對賄賂和腐敗採取零容忍的態度。該政策涉及接受和提供利益、款待、利益衝突、記錄和帳目、法律遵守、舉報和調查程序，以及培訓和溝通等多個方面，旨在確保商業活動的誠信、公平與透明。本集團還通過實施《道德與紀律守則》，規範董事和員工的行為，防範腐敗行為的發生。根據該守則，任何人不得利用職務之便索取或接受來自他人的利益。這些利益可能涉及金錢、禮物或其他形式的好處。此舉不僅進一步保障了業務的誠信運作，也體現了本集團對維護最高道德標準的堅定承諾。此外，本集團組織員工參與上級公司組織的反貪污培訓。

CSC Development organised anti-corruption training for employees

The Group is committed to building corporate integrity and, in September 2024, arranged for relevant management and employee representatives to participate in the "Leading with Integrity, Clean COLI" integrity training. This training specially invited a Senior Youth and Education Officer from the Independent Commission Against Corruption of Hong Kong as the keynote speaker. Through a 90-minute specialised training session, the event delved deeply into corporate integrity standards and practical case studies, helping participants deepen their understanding and awareness of anti-corruption regulations.

中國建築興業組織員工參與反貪污專題培訓

本集團致力於企業廉潔建設，於2024年9月組織相關領導及員工代表參加了「清風領潮·廉動中海」廉政培訓活動，該培訓特邀香港廉政公署高級廉政教育主任主講。本次活動通過90分鐘的專題培訓，深入探討企業廉潔準則與實務案例，協助參與者深化對反貪污法規的理解和認識。

PURSuing STRATEGIC DEVELOPMENT 堅守策略發展之路

ACCOUNTABILITY AND REPORTING MECHANISM

The Group is consistently dedicated to achieving and maintaining the highest levels of transparency, integrity and accountability. To this end, the Group has established and implemented a *Whistleblowing Policy*, designed to enable employees and external parties to report any improper conduct, malpractice or unethical behaviour related to the Group. This policy applies to all departments and employees at all levels within the Group, as well as other stakeholders who may be affected. The Group accepts anonymous reports and strives to maintain confidentiality regarding the whistleblower's identity and the matters reported, while sufficient information must be provided to facilitate subsequent investigation. Reports can be submitted through in-person interviews or in written form, followed by a review by the CEO or the Audit Committee, who will determine the investigation arrangements based on specific circumstances. The Group guarantees acknowledgement of receipt of reports within five working days and will communicate the results to the whistleblower upon completion of the investigation. Furthermore, the Group pledges to protect whistleblowers from retaliation and to take appropriate measures against false allegations and fraudulent reports. To enhance the effectiveness of the policy, it will be regularly reviewed by the Audit Committee. We also uphold the principle of zero tolerance at the subsidiary level, explicitly requiring the same commitment to transparency and accountability.

QUALITY PRODUCT CONTROL

Exceptional quality serves as the cornerstone of sustainable corporate development and the key to maintaining a competitive edge in the market. Building on this foundation, the Group in 2024 continued to uphold its business philosophy of "Quality Assurance and Value Creation", and guided by the core value of "Integrity, Innovation, Pragmatism, and Excellence". We achieved significant breakthroughs in the development of our quality management system and gained greater industry recognition, further solidifying our leading position in the sector.

QUALITY MANAGEMENT SYSTEM

The Group continues to deepen its commitment to building international quality standards by strictly adhering to the ISO 9001:2015 Quality Management System. Through the establishment of core systems such as the *Engineering Management System*, the *Production Quality Management System*, and the *Heat Supply Management System*, we have further enhanced the refinement and standardisation of quality control. In 2024, the Group achieved significant upgrades in its quality management system. Notably, the updates to the *Engineering Management System (2024 Edition)* and the *Guidelines for Facade Product Protection (2024 Edition)* fully incorporated the latest industry development trends and practical experience, injecting new vitality into the Group's quality management practices. In the field of facade operations, we strictly adhere to the requirements outlined in quality management procedure documents. For unitised finished products, the Group has adopted advanced protective materials, such as WC280 electrostatic films and Nitto-N-380 blue electrostatic adhesive tapes, to ensure comprehensive protection. Tailored protective measures are implemented based on different installation environments and product characteristics, including specialised glass protection and aluminium panel protection, to ensure the stability and quality of products during transportation and installation. The quality assurance system established by the Group ensures that quality standards are rigorously enforced at each stage of the process. The effective implementation of these measures has continuously refined and enhanced the Group's quality management system, laying a solid foundation for delivering superior products and services. At the same time, these efforts reflect the Group's ongoing innovation and progress in quality management.

During the reporting period, no product sold or shipped by the Group was recalled for safety and health reason.

問責與舉報機制

本集團始終致力於實現和維持最高水平的透明度、誠信與問責制。為此，本集團制定並實施了《舉報政策》，旨在讓員工及外部人士能夠報告任何與本集團相關的不正當行為、舞弊或不道德行為。該政策適用於本集團所有部門及各級員工，還包括可能受害的其他利益相關者。本集團接受匿名舉報並竭力保密舉報人的身份及其舉報事項，但需提供足夠的信息以便後續調查。舉報可以通過親自面談或書面形式提交，隨後由行政總裁或審核委員會進行審查，並根據具體情況決定調查的安排。本集團保證在五個工作日內確認收到舉報，並在調查完成後向舉報人通報結果。此外，本集團承諾保護舉報人免受報復，並對不實指控和虛假報告採取相應措施。為提高政策的有效性，該政策將定期由審核委員會進行檢討。我們在附屬公司層面同樣堅持零容忍的原則，明確要求其在透明度和問責制方面做出相同承諾。

優質品質控制

卓越品質是企業可持續發展的基礎，也是市場競爭的核心優勢。2024年，本集團繼續秉承「品質保障、價值創造」的商業理念，以「誠信、創新、務實、求精」為核心價值觀，在質量管理體系建設和行業認可方面均取得了重要突破，進一步鞏固了行業領先地位。

質量管理體系

本集團持續深化國際質量標準體系建設，嚴格執行ISO 9001:2015質量管理體系。通過設立《工程管理制度》、《生產質量管理制度》和《供熱管理制度》等核心制度，我們進一步提升了質量管控的精細化和標準化水平。2024年，本集團在質量管理制度體系方面實現重要升級。特別是在《工程管理制度（2024版）》和《幕牆成品保護工作指引（2024版）》的更新工作中，充分結合了行業最新發展趨勢和實踐經驗，為企業的質量管理注入新的活力。在幕牆業務領域，我們嚴格執行質量管理程序文件的各項要求。對於單元件成品，本集團採用了WC280靜電膜、Nitto-N-380藍色靜電膠紙等先進的保護材料進行全面防護。針對不同安裝環境和產品特點，我們採用差異化的保護方案，包括玻璃保護、鋁板保護等專項措施，確保產品在運輸和安裝過程中的品質穩定性。本集團建立的品質保證體系確保了每一個工序的質量標準得到嚴格執行。通過這些措施的有效實施，本集團的質量管理體系不斷完善和提升，為提供更優質的產品和服務奠定了堅實基礎。同時，這也反映了本集團在質量管理方面的持續創新和進步。

報告期內，本集團已售或已運送產品中並無出現因安全與健康理由而須回收的情況。

PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

QUALITY CONTROL STANDARDS FOR BUSINESS SEGMENTS

業務板塊質量管控規範

SUPERVISION BUSINESS

- China Overseas Supervision formulated and implemented the *Quality, Environment, Safety Management Manual*, which was compiled in accordance with the *Regulation on the Quality Management of Construction Projects* and the *Quality Management System Requirements (GB/T 19001-2016/ISO 9001:2015)* and other standards.
- Based on the PDCA concept, dedicated to the standardised development and continuous improvement of business and quality objectives.
- Ensures the quality of works meets customer expectations and the requirements of relevant laws and regulations.
- Launched the *Quality and Safety Work Evaluation and Reward and Punishment Management Measures* to comprehensively assess and manage the quality and safety work of project departments. Daily quality management work undergoes detailed assessment and quantitative scoring. Projects with excellent performance will receive the "Quality and Safety Award" and corresponding bonuses.
- For unqualified situations, warning measures will be implemented to promote employee enthusiasm for quality management.
- Formulated the *Laws, Regulations and Other Requirements, and Compliance Evaluation Management Procedures* to ensure compliance of all business activities.

監理業務

- 中海監理推出並實施《QES（質量、環境、安全）管理手冊》，該手冊根據《建設工程質量管理條例》及《質量管理體系要求》（GB/T 19001-2016/ISO 9001:2015）等標準進行編纂
- 依據PDCA理念，致力於業務和質量目標的標準化發展與持續改進
- 確保工程質量達到客戶期望及相關法律法規的要求
- 推出《項目部質量安全工作考評及獎懲管理辦法》，以全面評估和管理項目部門的質量及安全工作，日常質量管理將進行詳細評估並量化打分，表現卓越的項目將獲得「質量和 safety 獎」及相應的獎勵
- 對於不合格的情況，將實施警告措施，以促進員工對質量管理的積極參與
- 為確保所有業務活動的合規性，制定《法律法規及其他要求、合規性評價管理程序》

PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

INVESTING AND OPERATING BUSINESS

- Huanggu Thermoelectricity consistently adheres to national quality standards such as the *Quality Criterion of Water and Steam for Generating Unit and Steam Power Equipment (GB/T12145-2008)* and the *Water Quality Standards for Industrial Boilers (GB/T1576-2008)* to ensure operational quality
- Comprehensively reformed and standardised laboratory technical supervision and management procedures
- Clearly defined chemical supervision responsibilities for water, coal, and oil, ensuring all management responsibilities are distinct and well-defined
- Applied advanced testing technology and scientific management methods to strengthen quality control
- Committed to the safety and stability of power generation and heating facilities, ensuring continuous fulfillment of customer requirements
- Provides robust and high-quality power generation and heating services

FACADE CONTRACTING BUSINESS

- The Group, through the *Engineering Management System*, provides clear guidelines and internal protocols for facade construction and contractor management throughout the entire project life cycle, covering tendering, progress monitoring, cost control, quality assurance, completion acceptance, and subsequent maintenance phases
- All products, including raw materials, semi-finished products and finished products, must undergo strict pre-delivery quality inspection processes, including size, numbering, quantity and waterproof tests, to ensure that unqualified products do not enter the production chain or delivery
- The Group has formulated the *Project Management Procedures* and the *Quality Management Procedures*, which clearly regulate the core processes of quality management in the facade business, ensuring that all installation and maintenance work complies with contract and legal requirements, satisfying client expectations for project quality and safety

投資運營業務

- 皇姑熱電始終遵循國家質量標準，如《火力發電機組及蒸汽動力設備水汽質量標準》(GB/T12145-2008)及《工業鍋爐水質標準》(GB/T1576-2008)，確保運營質量
- 對化驗室的技術監督和管理流程進行了全面的制度化和標準化改革
- 明確劃分水、煤、油的化學監督責任，確保各項管理職責清晰明確
- 應用先進的測試技術和科學的管理方法，以加強質量控制
- 致力於發電和供暖設施的安全與穩定，確保持續滿足用戶需求
- 提供堅實且優質的發電供暖服務

幕牆工程業務

- 本集團通過《工程管理制度》，為整個項目生命周期內的幕牆施工和承包商管理提供了清晰的指導方針和內部規範，其內容涵蓋招標、進度監控、成本控制、質量保障、竣工驗收以及後續維修等各個重要環節
- 包括原材料、半成品和成品在內的所有產品，出廠前必須經歷嚴格的質量檢測流程，這包括尺寸、編號、數量和防水等檢查，以確保不合格品不會進入生產鏈或交付
- 本集團制定了《項目管理工作程序》和《質量管理工作程序》，明確規範幕牆業務中質量管理的核心流程，確保所有安裝和維修工序均符合合同和法律的要求，滿足客戶對工程質量和安全的期望

PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

EXCELLENCE IN MANAGING PRODUCT QUALITY AND INNOVATION

Far East (Hong Kong) Received Multiple Awards at Build4Asia

Far East (Hong Kong), with its leading technical capabilities and outstanding project quality, stood out at the Build4Asia exhibition, winning multiple prestigious awards including the “Silver and Merit Award, Excellence in Façade”, “MY FAVOURITE Building Façade Award”, and “Bronze Award, Outstanding Technology”.



卓越品質創新與管理

遠東香港榮膺Build4Asia多項大獎

遠東香港憑藉領先的技術實力及卓越的項目品質，在Build4Asia展覽會中脫穎而出，榮獲「卓越幕牆銀獎及優秀獎」、「我最喜歡的建築幕牆大獎」及「領先幕牆科技銅獎」等多項殊榮。

China Overseas Supervision Won “Guangdong Steel Award”

The steel structure project of “Construction General Contracting for the First Batch of Projects in the Shenzhen Area of Hetao Shenzhen-Hong Kong Science and Technology Innovation Co-operation Zone (Plots B105-0119, B105-0042)”, which China Overseas Supervision participated in, was awarded the “16th Guangdong Steel Structure Gold Award ‘Guangdong Steel Award’ (Construction Category) 2024”.

中海監理榮獲「粵鋼獎」

中海監理參建的「深港科技創新合作區深方園區首批項目（B105-0119、B105-0042地塊）施工總承包工程」鋼結構工程，被評為「2024年第十六屆廣東鋼結構金獎『粵鋼獎』（施工類）」。

Far East (Shanghai) Received Quality Management System Certificate

In 2024, Far East (Shanghai)'s quality management system has been certified as compliant with the *Quality Management Systems-Requirements (GB/T 19001-2016/ISO 9001:2015)* and the *Code for Quality Management of Engineering Construction Enterprises (GB/T 50430-2017)* standards, with coverage including the installation, design and manufacture of building facades and aluminium alloy doors and windows.

遠東上海榮獲質量管理體系認證證書

2024年，遠東上海的質量管理體系獲得認證，符合《質量管理體系要求》(GB/T 19001-2016/ISO 9001:2015)和《工程建設施工企業質量管理規範》(GB/T 50430-2017)標準，覆蓋範圍包括建築幕牆和鋁合金門窗系列產品的安裝、設計及製造。

PURSuing STRATEGIC DEVELOPMENT 堅守策略發展之路

Far East Photovoltaic Products Received TÜV International Certification

In July 2024, the BIPV products independently developed by Far East Photovoltaic successfully passed multiple technical certifications including TÜV Rheinland IEC 61215&61730 Certificate, BIPV Module Certificate, PID Resistance Certificate and Certificate of Conformity Low Voltage Directive (EU) 2014/35 issued by TÜV Rheinland. These certification demonstrates the Group's research and development capabilities in the field of photovoltaic building integration, further enhancing the international market competitiveness of its products.

遠東光伏產品榮獲TÜV國際認證

2024年7月，遠東光伏自主研發的BIPV產品，成功獲得由萊茵頒發的德國萊茵TÜV IEC61215&61730 認證證書、BIPV認證證書、PID認證證書及歐盟CE認證證書等多項技術認證。這些認證印證了本集團在光伏建築一體化領域的研發實力，進一步提升了產品的國際市場競爭力。



Far East (Hong Kong) Received The Greater China's Most Prominent Facade Contractor of 2024

In October 2024, Far East (Hong Kong) was honoured with the "Greater China's Most Prominent Facade Contractor of The Year" organised by MythFocus, a prestigious Hong Kong financial and corporate information platform, for its outstanding performance in the field of facade engineering. This award proves the professional capabilities of the Far East Facade brand and further consolidates the Group's leading position in the industry.

遠東香港榮獲2024年最佳幕牆工程管理獎

2024年10月，遠東香港憑藉在幕牆工程領域的卓越表現，榮獲香港權威金融及企業信息平台MythFocus主辦的「年度最佳幕牆工程管理獎」。此獎項的獲得印證了遠東幕牆品牌的專業實力，進一步鞏固了本集團在行業中的領先地位。



PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

RESEARCH, DEVELOPMENT, AND INNOVATION

Technological innovation is the fundamental driving force for the sustainable operation of enterprises. The Group fully recognises the significant value of innovation to itself and its stakeholders, and therefore invests sufficient resources to promote internal research and development whilst placing great emphasis on intellectual property protection. To strengthen innovation management, the Group has established Technology Management Reform Leadership Group led by the CEO. Through systematic management, Technology Management Reform Leadership Group ensures that the Group maintains its technological leadership in the industry.

To safeguard the smooth implementation of innovative activities, the Group has established a dedicated technical development fund to ensure adequate resource support for intellectual property management, experimental research and collaborative projects. The utilisation of the fund is supervised by a specialised Project Management Department, which maintains detailed records of the specific objectives of each R&D project, the responsibilities of various business units, research directions and progress.

INDUSTRY DEVELOPMENT ADVANCEMENT

The Group actively seeks external funding support, including applications for the Hong Kong Innovation and Technology Fund, the Low Carbon Green Research Fund and the Construction Industry Innovation and Technology Fund. Simultaneously, we continuously deepen industry-academia-research collaboration, conducting multiple frontier technology research and development projects with universities such as Hunan University, Shenzhen University, Tsinghua University and The Hong Kong Polytechnic University, covering areas such as novel building-integrated photovoltaics, BIPV intelligent design optimisation, and building photovoltaic cooling technologies, thereby promoting industry technological advancement. In terms of technical exchange, we actively organise participation in significant international conferences, such as the BEYOND EXPO in Macau, BAU CHINA in Shanghai and the 2024 Asia Clean Energy Summit in Singapore, showcasing innovative achievements and promoting industry exchanges.

研發與創新

科技創新是企業可持續經營的根本動力。本集團深知創新對企業與持份者的重要價值，因此投入充足資源推動內部研發工作，並高度重視知識產權保護。為加強創新管理，本集團成立了由行政總裁領導的科技管理改革領導小組。科技管理改革領導小組通過系統性的管理，確保本集團在行業中保持技術領先優勢。

為保障創新活動的順利開展，本集團設立了專項技術發展基金，確保知識產權管理、實驗研究和合作項目等方面獲得充足資源支持。基金的使用由專門的項目管理部門負責監督，並詳細記錄每個研發項目的具體目標、各業務單位職責、研究方向和進展情況。

推動行業發展

本集團積極爭取外部資金支持，包括申請香港創新科技基金、低碳綠色研究基金及建築業創新科技基金等。同時，我們不斷深化產學研合作，與湖南大學、深圳大學、清華大學、香港理工大學等高校開展多個前沿技術研發項目，涵蓋新型光伏建築一體化、BIPV智能設計優化、建築光伏運行降溫等領域，推動行業技術進步。在技術交流方面，我們積極組織參與重要國際會議，如澳門BEYOND國際科技創新博覽會、上海BAU CHINA國際建築科技博覽會以及新加坡2024亞洲清潔能源峰會等，展示創新成果並促進行業交流。

PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

State-owned Assets Supervision and Administration Commission of the State Council (SASAC) Visited Far East (Zhuhai) Intelligent Manufacturing Production Base

In 2024, the SASAC organised the “Entering New State-owned Enterprises: Moving Forward to Innovation, Creating a Smart Future” event and visited the Far East (Zhuhai) intelligent manufacturing production base. Far East (Zhuhai), leveraged the BIM smart integrated application at 2 Murray Road, Central, Hong Kong, won the 2024 5th International Smart Construction Innovation Awards Silver Award, and showcased its innovative achievements in curtain wall technology.

Far East Photovoltaic Made Its Debut at 2024 International Digital Energy Expo

The 2024 International Digital Energy Expo opened grandly at the Shenzhen Convention & Exhibition Centre, with Far East Photovoltaic invited to exhibit. During the exhibition, several senior executives from CSC Development attended and provided guidance. Far East Photovoltaic's Light series products integrate digitalisation and energy transformation. These products provide green, intelligent facade solutions for new buildings and urban renewal, and help optimise energy structures and reduce the overall carbon emissions of buildings. Light A appears similar to real aluminium panels, with power up to 180 watts per square metre, generating approximately 160 kWh per square metre annually, equivalent to the carbon reduction of 2.5 trees. The exhibition attracted more than 400 enterprises and nearly 2,000 experts from over 100 countries and regions.

CSC Development Showcased Innovative Achievements at the BEYOND EXPO

In May 2024, the Group released its “One-stop Solution for Complex Double-curved Facade Engineering” at the BEYOND EXPO in Macau. The Group also exhibited multiple leading facade products, which demonstrated its innovative achievements in facade technology research, development and practical application to all attendees.

CSC Development Made Its Debut at 2024 BAU CHINA In Shanghai

From 16 to 19 October 2024, the Group brilliantly exhibited at BAU CHINA in Shanghai, under the theme “Technology Creates Urban Curves”, showcasing its innovative projects, leading technologies and BIPV products, comprehensively demonstrating the Group's innovative strength in reshaping traditional construction through technology.

CSC Development Participated in the 2024 Asia Clean Energy Summit

In October 2024, the Group showcased multiple key engineering models and BIPV products at the 2024 Asia Clean Energy Summit in Singapore. By exhibiting innovative technological achievements and green energy-saving products, the Group further enhanced its brand influence in the Southeast Asian market, establishing a solid foundation for expanding overseas business.

國資委探訪遠東珠海智能製造生產基地

2024年，國務院國資委組織了「走進新國企一向新而行智造未來」活動，探訪了遠東珠海智能製造生產基地。遠東珠海憑藉香港中環美利道2號-BIM智能一體化應用在2024第五屆智能建造創新大獎賽銀獎，展示了其在建築幕牆技術的創新成果。

遠東光伏亮相2024國際數字能源展

2024國際數字能源展在深圳福田會展中心盛大開幕，遠東光伏科技受邀參展。展會期間，中國建築興業多位高管出席參觀指導。遠東光伏的Light系列產品，通過數字化和能源轉型的深度融合，為新建建築和城市更新提供綠色、智能的立面解決方案，優化能源結構，降低建築物總體碳排放。Light A外觀與真實鋁板相似，功率高達180瓦特每平方米，每年每平方米可產生約160度電，相當於2.5棵樹的減碳量。展會吸引了來自100多個國家和地區的400多家企業和近2,000名專家參觀。

中國建築興業攜創新成果亮相BEYOND國際科技展

2024年5月，本集團於澳門BEYOND國際科技創新博覽會發佈「複雜雙曲幕牆工程一站式解決方案」，並展示多項領先幕牆產品，向與會各界充分展現了本集團在幕牆技術研發及實踐應用方面的創新成果。

中國建築興業亮相2024上海BAU CHINA國際建築科技博覽會

2024年10月16日至19日，本集團精彩亮相上海BAU CHINA國際建築科技博覽會，以「科技締造城市曲線」為主題，展示創新項目、領先技術及BIPV產品，全方位展現了本集團以科技重塑傳統建築的創新實力。

中國建築興業參展2024亞洲清潔能源峰會

2024年10月，本集團攜多項重點工程模型及BIPV產品亮相新加坡2024亞洲清潔能源峰會。通過展示創新技術成果和綠色節能產品，進一步提升了本集團在東南亞市場的品牌影響力，為拓展海外業務奠定堅實基礎。

PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

Projects Constructed by Far East Facade Featured in CGTN Documentary

On 26 July 2024, the facade projects of Burj Khalifa in Dubai and Murray Road in Central, Hong Kong, constructed by Far East Facade, were featured in the documentary "Architecture Intelligence" premiered on CGTN (China Global Television Network). This recognition from an authoritative media outlet demonstrates the Group's outstanding engineering capabilities, and further enhances the international brand influence of Far East Facade.

Complex Double-Curved Facade Technology and BIPV Products Showcased on CCTV's "Xinwen Lianbo"

In November 2024, the Group's complex double-curved facade technology and BIPV products were highlighted in a report on the CCTV programme "Xinwen Lianbo", effectively enhancing the brand's credibility and industry standing.

INTELLECTUAL PROPERTY RIGHTS PROTECTION

The Group has established a comprehensive technical management framework to provide institutional safeguards for intellectual property management and innovation activities. We have actively implemented the "Technology Management System", which thoroughly encompasses the application and maintenance processes for intellectual property, the specific responsibilities of management teams and relevant departments, methods for managing research outcomes, and assessment procedures. By establishing complete workflows and guidelines, we ensure the effective protection of intellectual property whilst enhancing the efficiency of technological innovation. In 2024, our innovative efforts gained recognition, resulting in the successful acquisition of 60 patent authorisations. At the subsidiary level, we have adopted targeted measures in response to different business characteristics: China Overseas Supervision has optimised the structure of its technology management team, expanding professional coverage to 17 fields including geotechnical engineering, mechanical and electrical engineering, and concrete engineering, whilst improving technical management systems, external reward mechanisms and document management standards. Huanggu Thermoelectricity, Far East (Shanghai) and Far East (Zhuhai) have each established specialised teams to drive technological innovation in their respective fields.

遠東幕牆承建工程亮相CGTN紀錄片

2024年7月26日，遠東幕牆承建的迪拜哈利法塔及香港中環美利道幕牆工程，於CGTN（中國環球電視網）首播的《智慧建造》紀錄片中精彩亮相。此次榮獲權威媒體報導，彰顯了本集團的卓越工程實力，進一步提升了遠東幕牆的國際品牌影響力。

複雜雙曲幕牆技術及BIPV產品亮相央視《新聞聯播》

2024年11月，本集團的複雜雙曲幕牆技術及BIPV產品榮獲中央電視台《新聞聯播》報導，有效提升了品牌公信力與產業地位。

保護知識產權

本集團建立了全面的技術管理體系，為知識產權管理和創新工作提供制度保障。我們積極實施「科技管理制度」，該制度全面涵蓋知識產權的申請和維護流程、管理團隊與負責部門的具體職責、科研成果的管理方法以及考核工作程序等內容。通過建立完整的工作流程和指引，確保知識產權得到有效保護，同時提升科技創新的效率。我們的創新努力得到認可，2024年已累計獲得60項專利授權。在附屬公司層面，我們因應不同業務特點採取針對性措施：中海監理優化了科技管理團隊結構，將專業覆蓋面擴展至岩土工程、機電工程、混凝土工程等17個領域，並完善了技術管理制度、外部獎勵機制和文件管理規範。皇姑熱電、遠東上海和遠東珠海也分別組建專業團隊，推動各自領域的技術創新。

PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

INNOVATION AND TECHNOLOGY PLANNING

The Group's *Annual Innovation and Technology Work Plan* encompasses research and development planning for core businesses including facade, supervision and thermoelectricity, detailing specific contents, expected outcomes, key milestones, patent application targets and R&D funding allocation for each project. Through systematic management, we focus on advancing research and application of cutting-edge technologies such as artificial intelligence, Internet of Things, big data and PIMS. Innovation progress across subsidiaries is as follows:

- **China Overseas Supervision:** In terms of digital management, it actively promotes information technology development by deeply implementing the PIMS system in engineering supervision, establishing monthly assessment mechanisms, commending outstanding projects, and promptly issuing warnings for underperforming projects, effectively facilitating the deployment of digital management tools. Simultaneously, China Overseas Supervision actively promotes the application of whole-process consultation management systems across projects, enhancing operational efficiency and service quality through systematic management.
- **Huanggu Thermoelectricity:** It continues to expand investment in technology and undertake various innovative projects. The focus is on deeply integrating internet technology, big data analysis, cloud computing and other modern information technologies with new equipment, materials and processes. These initiatives aim to drive an innovation-led development model. Concurrently, Huanggu Thermoelectricity continues to deepen research on SCR denitrification technology, whilst emphasising technical talent cultivation and intellectual property applications.
- **Far East (Hong Kong):** With BIM technology at its core, Far East (Hong Kong) enhances operational efficiency across business departments through digital transformation. In collaboration with Tsinghua University and The Hong Kong Polytechnic University, it conducts academic research on cold-bent glass technology and blast-resistant glass technology, applying research outcomes to actual projects to support high-quality project delivery.
- **Far East (Zhuhai):** It continuously conducts in-depth scientific research activities based on specific topics, deepening the transformation of research achievements into economic benefits, whilst seizing BIPV market opportunities to intensify new product development and market expansion. Additionally, Far East (Zhuhai) promotes the use of digital and information technologies to address design and production challenges, advancing production line automation upgrades and transformation.

創新科技規劃

本集團每年制定的《創新與技術工作計劃》涵蓋幕牆、監理和熱電等核心業務的研發規劃，詳細列明各項目的具體內容、預期成果、重要里程碑、專利申請目標及研發資金分配等要素。通過系統化管理，我們重點推進人工智能、物聯網、大數據、PIMS等前沿技術的研究與應用。各附屬公司的創新進展如下：

- **中海監理：**在數字化管理方面，積極推進信息化建設，通過深入推進PIMS系統在工程監理領域的應用，建立月度考核機制，對表現優異的項目進行表揚，對不達標項目及時預警，有效促進數字化管理工具的落地。同時，中海監理積極推進全過程諮詢管理系統在各項目中的應用，通過系統化管理提升運營效率和服務質量。
- **皇姑熱電：**持續擴大科技方面的投入，並展開多項創新項目。重點是把互聯網技術、大數據分析、雲端運算等現代信息技術，與新設備、材料及工藝進行深度結合運用。這些舉措旨在推動企業實現創新引領的發展模式。同時，企業也繼續深化SCR脫硝技術的研究工作，並著重加強技術人才培養及知識產權申請。
- **遠東香港：**以BIM技術為核心，透過數字化改革提升各業務部門的作業效率。聯同清華大學、香港理工大學對冷彎玻璃技術、防爆玻璃技術展開學術研究，並將研究成果應用於實際項目中，助力高品質履約。
- **遠東珠海：**持續根據課題深度開展科研活動，並深化推進科研成果向經濟效益的轉變，並抓住BIPV市場機遇，持續加大力度研發新產品、開拓新市場。此外，推動利用數字化和信息化的手段解決設計、生產的難點和痛點問題，推動產線的自動化升級和改造。

PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

INNOVATION AND TECHNOLOGY APPLICATIONS

In the field of BIPV technology, Far East Photovoltaic has promoted the research and development of two innovative products this year – Light F and Light R, based on the concept of “photovoltaic building materialisation”. BIPV technology integrates solar photovoltaic products directly into buildings, transforming the building itself into an energy source without requiring additional solar panel installation. Our BIPV products meet diverse client needs by combining excellent power generation capabilities with outstanding aesthetic design.

Regarding digital management, we have implemented a digital management approach for seamless design and production data exchange. This system enhances the backend management system in the Far East region, enabling real-time monitoring of the transportation supply chain. We are developing functions to track quality and safety issues at construction sites, with the goal of establishing a multifunctional data management system covering the entire process from design to construction.

In terms of BIM technology application, the Group began implementing BIM technology in key projects in 2023, including Shenzhen Oppo Building, Kai Tak Hospital and Chinese Medicine Hospital Project. These projects showcase the eight characteristics of BIM: information completeness, information connectivity, information consistency, visualisation, coordination, simulation, optimisation, and generatability. We are actively exploring the application of BIM technology throughout the entire lifecycle of engineering projects to enhance product quality and efficiency.

In the technological innovation of modular facade systems, we have achieved significant breakthroughs. By applying MiC facade technology to different types of architectural components such as louvers, we have successfully transferred construction processes that would traditionally take place on-site to controlled factory environments. This innovative model greatly reduces the impact of weather changes, labour resource shortages, and construction site limitations. This not only enables precise control of construction quality but also comprehensively improves the construction industry's overall performance in productivity, safety, and environmental performance.

創新科技應用

在BIPV技術領域，遠東光伏依托「光伏建材化」的思路，於本年度大力研發Light F和Light R兩項創新產品。BIPV技術是將太陽能光伏產品直接融入建築上的技術，使建築本身成為能量來源，無需額外交裝太陽能板。我們的BIPV產品不僅具備優異的發電性能，更兼具出色的裝飾效果，可滿足不同客戶的應用需求。

在數字化管理方面，我們實施了無縫設計和生產數據交換的數字化管理方案。該系統增強了遠東地區的後台管理系統，實現了運輸供應鏈的實時監控。我們正在開發用於追蹤質量和安全問題的功能，目標是建立一個多功能的數據管理系統，涵蓋從設計到施工的全過程。

在BIM技術應用方面，本集團於2023年開始在重點項目中推行BIM技術，包括深圳歐加大廈、啟德醫院、中醫醫院項目等。這些項目展現了BIM的八大特徵：資訊完整性、資訊關聯性、資訊一致性、可視化、協調性、模擬性、優化性和可出圖性。我們積極探索BIM技術在工程項目全生命周期的應用，提升產品質量和效率。

在單元式幕牆系統的技術革新上，我們實現了重大突破。通過將MiC幕牆技術應用於百葉等不同類型的建築構件，我們成功地將原本需要在工地現場完成的施工環節轉移至工廠環境中進行。這種創新模式極大地降低了天氣變化、人力資源短缺以及施工場地受限等外部因素的影響。這不僅實現了對施工質量的精準把控，更全面提升了建築行業在生產效率、施工安全和環境表現等方面的整體水平。

PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

Regarding manufacturing process innovation, Far East (Zhuhai) has successfully introduced a second imported roll bender in 2023. This advanced equipment includes two key components: a high-precision 14-axis linkage service system and a powerful 70-tonne hydraulic controller. It features integrated laser systems for radius inspection, positioning, and marking. The equipment can display both hydraulic control data and displacement measurements in real-time. Additionally, the machine integrates dual-sided digital control pallets and a twist correction device, ensuring exceptional quality control for the processing of double-curved components, achieving multi-angle bending of profiles. Furthermore, the workshop is equipped with a dedicated 3D scanning system that provides precise data support for BIM models. This year, Far East Facade's "One-Stop Solution for Complex Double-Curved Twisted Facade Engineering " was awarded one of the "2024 Top 10 Innovative Applications in Facade Industry" jointly presented by Curtin Wall Design, Curtain Wall World Weekly, and the Housing Alliance Industry Innovation Institute.

In construction technology innovation, we have innovatively adopted water testing robots technology, fundamentally changing the traditional method of water leakage testing that relied on suspended platforms and manual operation. This technological breakthrough eliminates safety hazards and reduces the time costs of traditional methods. It also offers several key advantages: First, it provides more precise and consistent test results. Second, its remote video monitoring system allows stakeholders to monitor without being physically present. Third, multiple robots can work simultaneously, which significantly improves construction efficiency for large projects. Notably, our specialised cable robots and winch systems enable the robots to operate stably on the exterior walls of buildings up to 200 metres in height, greatly expanding the operational range. The cable robot and winch system technology fundamentally eliminates safety risks associated with high-altitude work, while delivering significant economic and social benefits.

In thermoelectric technology innovation, our SNCR technology has achieved a major breakthrough with the development of an innovative self-gasification spray gun and system. This technology transforms desulphurising agents into particles through an accelerating core tube, then utilises the high-temperature flue gas within the boiler to generate propulsion, eliminating the need for additional compressed air and cooling systems, significantly reducing operational costs and equipment maintenance expenses.

To promote a culture of innovation, the Group has incorporated technological innovation into annual performance assessment indicators, regularly evaluating technological development and patent application progress. An internal reward system has also been established to recognise employees with outstanding achievements in innovation. Additionally, we encourage employees to engage in innovative practices through technical paper evaluations and innovation case sharing activities, and have established innovation and R&D teams covering multiple professional fields including construction, supervision, and thermoelectricity.

在製造工藝創新方面，遠東珠海已於2023年成功引進了第二台進口彎曲機。這台先進設備配備了14軸聯動高精度伺服系統和70噸液壓控制器，並且擁有激光半徑檢測系統和激光定位標記系統，能夠同步顯示液壓控制和位移數據。此外，該機器還集成了雙面數字控制托盤和扭曲校正裝置，確保雙曲面零部件加工的卓越質量控制，實現多弧度型材的彎曲。此外，車間還配備了專用的3D掃描儀系統，為BIM模型提供精確的數據支持。本年度，遠東幕牆研發的「複雜雙曲扭擰幕牆工程一站式解決方案」榮獲由《幕牆設計》雜誌、幕牆世界weekly、房聯產業創新研究院聯合授予的「2024年度幕牆行業十佳創新應用獎項」。

在施工技術創新方面，我們創新性地採用了試水機器人技術，徹底改變了傳統依賴吊船和人工操作的水滲漏測試方式。這項技術突破不僅消除了傳統方法中的安全隱患和高昂時間成本，更帶來了多重優勢：測試結果更加精確且一致性強；通過遠程視頻監控系統，無需相關方到現場即可完成監測；多台機器人可同步作業，顯著提升大型項目的施工效率。值得一提的是，我們開發的專用電纜機器人和卷揚系統，使機械人能夠在200米高度的建築外牆上穩定運行，大幅提升了作業範圍。這一創新不僅從根本上消除了高空作業的安全風險，同時在經濟效益和社會效益方面都取得了顯著成果。

在熱電技術創新方面，我們的SNCR技術取得重大突破，開發出創新型自助氣化噴槍和系統。該技術通過加速核心管將脫硫劑轉化為微粒，再利用鍋爐內的高溫煙道氣體產生推進力，無需額外的壓縮空氣和冷卻系統，顯著降低了運營成本和設備維護費用。

為推動創新文化建設，本集團將技術創新納入年度績效考核指標，定期評估技術發展和專利申請進度。同時設立內部獎勵制度，表彰在創新領域取得突出成果的員工。我們還通過開展技術論文評選和創新案例分享活動，鼓勵員工投身創新實踐，建立了覆蓋建築、監理、熱電等多個專業領域的創新研發團隊。

PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

Third Phase of “Far East Smart” full life cycle management platform for digital Far East Facade Launched Successfully

In August 2024, the Group completed the third-phase upgrade and deployment of the “Far East Smart”, the full life cycle management platform of digital Far East Facade. The platform integrates functions such as full lifecycle progress monitoring and early warning of abnormal business indicator, effectively achieving a digital decision-making upgrade for project management.

「數字遠東」幕牆全生命週期管理平台第三期成功上線

2024年8月，本集團完成「數字遠東」幕牆全生命週期管理平台第3期升級部署。平台集成項目全生命週期進度監控、異常業務指標預警等功能，有效實現了項目管理的數字化決策升級。

SUSTAINABLE FINANCE PRACTICES

Sustainable development finance is a crucial pillar for the Group in advancing its sustainable development process and a core element in achieving long-term strategic goals. In December 2024, the Company signed a second three-year Sustainability-Linked Loan amounting to HK\$400 million with Bank of China (Hong Kong) Limited, striving to achieve dual enhancement of sustainable development and financial benefits. The performance assessment for the Sustainability-Linked Loan primarily revolves around two key indicators: employee training development and occupational safety performance.

可持續金融實踐

可持續發展金融是本集團推進可持續發展進程的重要支柱和實現長期戰略目標的核心要素。2024年12月，本公司與中國銀行（香港）有限公司簽訂第二筆為期三年、金額達港幣四億元的可持續發展表現掛鉤貸款，努力實現可持續發展與財務效益的雙重提升。可持續發展掛鉤貸款的績效考核主要圍繞兩個關鍵指標：員工培訓發展及職業安全表現。

In terms of green loan utilisation, we strictly adhere to our established green finance framework, directing funds towards projects with clear environmental benefits. These include the pollutant emission reduction project at Huanggu Thermoelectricity, which reduces nitrogen oxide emissions through optimised heating facilities; and the energy efficiency enhancement project at the Zhuhai base, dedicated to improving the operational efficiency of automated production lines.

在綠色貸款的運用方面，我們嚴格遵循已制定的綠色金融框架，將資金投向具有明確環境效益的項目。其中包括皇姑熱電的污染物減排工程，通過優化供熱設施降低氮氧化物排放；以及珠海基地的能源效率提升項目，致力於提高自動化生產線的運營效率。

These sustainable finance tools improve our overall ESG management standards. By combining financing needs with sustainable development indicators, we have established a more comprehensive performance evaluation system, driving the enterprise to achieve a win-win situation in environmental and social benefits whilst creating economic value.

這些可持續金融工具促進了ESG管理水平的整體提升。通過將融資需求與可持續發展指標相結合，我們建立起更全面的績效評估體系，推動企業在創造經濟價值的同時，實現環境和社會效益的共贏。

CUSTOMER SERVICE AND COMMUNICATION

The Group upholds a customer-first service philosophy and has established a comprehensive customer communication and satisfaction management system. We not only focus on continuously improving service quality but also are committed to establishing smooth, diverse customer feedback mechanisms to ensure timely understanding and response to customer needs. We have established multiple communication channels encompassing dedicated complaint hotlines, email addresses, regular questionnaire surveys and conduct visits to collect customer opinions comprehensively.

客戶服務與溝通

本集團秉持以客為先的服務理念，建立了全面的客戶溝通及滿意度管理體系。我們不僅注重服務質量的持續提升，更致力於建立暢通、多元的客戶反饋機制，確保能夠及時了解並回應客戶需求。我們建立了涵蓋專門投訴熱線、電子郵件、定期問卷調查以及走訪等多種溝通渠道，全方位收集客戶意見。

PURSuing STRATEGIC DEVELOPMENT 堅守策略發展之路

Regarding system development, the Group's subsidiary China Overseas Supervision has formulated comprehensive *Guidelines for Handling Complaints from Customers and Related Parties* and the *Guidelines on Customer and Stakeholder Satisfaction Surveys*, which clearly stipulate that satisfaction surveys must be conducted for 80% of projects under management annually. China Overseas Supervision established a strict management mechanism that clearly defines each department's responsibilities to ensure prompt and effective issue handling.

In the heating service sector, Huanggu Thermoelectricity has established a *Customer Service Management System* and the *Procedure for Handling Heating Customer Requests*. The *Procedure for Handling Heating Customer Requests* specifies six main steps for complaint handling: complaint acceptance, preliminary assessment, categorised processing, on-site investigation, problem resolution and follow-up visits. Customer service personnel should warmly receive complaints, carefully document all relevant details, and categorise complaints according to problem type. Technical staff must promptly perform on-site verification, implement appropriate solutions, and conduct follow-up after resolving issues to ensure customer satisfaction, while maintaining accurate records and archives.

All Group subsidiaries demonstrate excellent customer service in practice. Far East (Hong Kong) follows the quality principle of "Do it right the first time and every time." Their professional project teams work directly with owners, contractors, architects and other parties to ensure consistent service quality. Far East (Hong Kong) conducts customer satisfaction surveys twice annually, with the June 2024 survey showing an average score of 94.9 points across 12 surveyed projects, far exceeding the qualifying score. Among these, the Hing Wah Street project received special commendation from the client for outstanding quality control performance, achieving a record for the fewest rectification and leakage records. China Overseas Supervision has likewise performed exceptionally in customer service, receiving high praise from multiple project owners for its professional standards and service quality, with particular commendation for its stringent control in safety supervision and quality management. The supervision team demonstrates a highly responsible work attitude, remaining on 24-hour standby for emergencies and ensuring smooth project progression through regular inspections and timely communication. This professional level of service has earned written commendations from several renowned enterprises including China Resources Land Limited and Guangdong Haiyu Construction. Additionally, Far East (Shanghai) has been awarded honours such as "Grade A Specialist Subcontractor" and "Outstanding Contribution Award" by China Construction Third Engineering Bureau Group South China Co., Ltd for its outstanding service quality. In the Huawei Jiuhuashan Industrial Park Project, Far East (Shanghai) demonstrated highly professional technical expertise and efficient coordination capabilities, earning high recognition and commendation from the client.

During the reporting period, the Group did not receive material complaints on products and services.

在制度建設方面，本集團附屬公司中海監理制定了完善的《顧客及相關方投訴處理指引》和《顧客及相關方滿意度調查指引》，明確規定每年需對80%的在管項目開展滿意度調查。為確保問題能得到及時有效處理，中海監理建立了嚴格的管理機制，各相關部門均有明確的職責分工。

在供暖服務領域，皇姑熱電設置的《客戶服務管理制度》及《供熱用戶訴求辦理流程》。《供熱用戶訴求辦理流程》規定了投訴處理的六個主要步驟：投訴受理、初步判斷、分類處理、現場調查、問題解決和反饋回訪。流程要求客服人員熱情接待，認真記錄投訴信息，根據問題類型進行分類處理。技術人員應及時進行現場核查，採取相應解決措施，並在問題解決後進行回訪，確保客戶滿意，同時做好記錄存檔工作。

在具體實踐中，本集團各子公司均展現出卓越的客戶服務能力。遠東香港堅持「一次做妥，次次做妥」的品質方針，通過專業項目團隊與業主、總包、則師等多方對接，確保服務質量始終如一。遠東香港每年開展兩次客戶滿意度調查，2024年6月的調查顯示，12個受訪項目的平均得分達到94.9分，遠超合格分數。其中，興華街項目更因出色的質量控制表現，獲得業主特別嘉許，創下最少執修及漏水記錄的佳績。中海監理在客戶服務方面同樣表現突出，多個項目業主對其專業水平和服務質量給予高度評價，特別讚揚了公司在安全監理、質量管控等方面的嚴格把關。監理團隊展現出高度負責的工作態度，能夠24小時待命處理緊急事項，並通過定期巡查、及時溝通等方式，確保項目平穩推進。這種專業的服務水準獲得了包括華潤置地、廣東海昱建設在內的多家知名企業的書面表揚。此外，遠東上海亦憑藉傑出的服務品質，獲得中建三局集團華南有限公司頒發的「A級專業分包商」和「突出貢獻獎」等榮譽。在華為九華山工業園項目中，遠東上海展現出高度專業的技術水平和高效的協調能力，獲得業主的高度認可和表揚。

報告期內，本集團並無接獲關於產品及服務的重大投訴。

PURSuing STRATEGIC DEVELOPMENT 堅守策略發展之路

China Overseas Supervision's Management of Tengchuang Weilai Project Received High Recognition from Client

In April 2024, the Tengchuang Weilai project under China Overseas Supervision's management successfully completed its topping-out ceremony. During the construction period, the supervision team, with their professional and efficient management and rigorous performance attitude, ranked first for 14 consecutive months in the third-party safety assessment of the main construction works, conducted by the client, Tencent Group. This fully demonstrates the Group's excellent service standards in the field of construction supervision.



中海監理承監騰創未來項目獲業主高度肯定

2024年4月，中海監理承監的騰創未來項目圓滿完成封頂。項目建設期間，監理團隊憑藉專業高效的管理及嚴謹的履約態度，在業主方騰訊集團開展的主體工程第三方安全評估中連續14個月排名榜首，充分彰顯本集團在工程監理領域的卓越服務水平。

Huanggu Thermoelectricity's Innovative Service Improves Customer Experience

Huanggu Thermoelectricity continuously enhances customer experience through innovative service models. It has established a 24-hour customer service hotline to ensure prompt response to customer needs, having processed over 15,000 customer enquiries and complaints to date. It has also launched an online service platform, enabling approximately 100,000 customers to perform operations such as heating information enquiries and maintenance requests via mobile applications or WeChat official accounts. In terms of service efficiency, Huanggu Thermoelectricity implements grid management and has formed professional maintenance teams, promising to arrive on-site to resolve heating faults within 4 hours. During the 2024 heating season, Huanggu Thermoelectricity brought its "Warmth to Communities" program to over 40 locations. These visits included both educational sessions about heating systems and equipment inspections, which helped improve residents' safety awareness.

皇姑熱電創新服務提升客戶體驗

皇姑熱電通過創新服務模式，不斷提升客戶體驗。該公司設立24小時客服熱線，確保及時響應客戶需求，已累計處理客戶諮詢和投訴15,000餘起。同時推出線上服務平台，讓約10萬名客戶能夠通過手機APP或微信公眾號進行供暖信息查詢、維修申請等操作。在服務效率方面，皇姑熱電實行網格化管理，組建專業維修團隊，承諾4小時內到達現場解決供暖故障。2024年供暖季期間，皇姑熱電開展「溫暖進社區」活動，深入40多個社區開展供暖知識宣傳和設備檢查服務，有效提升了居民的供暖安全意識。

PURSUIING STRATEGIC DEVELOPMENT 堅守策略發展之路

PRIVACY AND DATA PROTECTION

Building upon the establishment of the *Cyber Security Management Measures* and the *Informatisation Asset Management Measures*, CSC Development has further refined its *Information Management Regulations*, thereby strengthening its information management system. The core of these systems is to thoroughly implement requirements for the integrated development of digital and real economies, prevent cyber security risks, and promote the healthy and orderly development and management of digitalisation and cyber security work.

In terms of organisational structure, the Group has established an *Information Technology Management Department*, as the responsible unit, tasked with coordinating information development planning, information system construction, IT infrastructure development and cyber security management. It is simultaneously responsible for real-time monitoring of networks, servers and information systems.

Regarding cyber security management, we follow the general policy of “The Group leads overall strategic planning and strengthens unified leadership; implement responsibilities by levels and adhere to comprehensive prevention; promote prevention through proactive actions and pursue continuous improvement; encourage full employee participation and enhance awareness through communication”. The *Cyber Security Management Measures* stipulate a complete network and information security management system, covering network and information security management, information system construction security management, information system and information asset protection, employee information security management and various other aspects.

In terms of information asset management, the Group has formulated detailed management guidelines for hardware assets, software assets and network assets, including asset configuration standards, approval processes and usage management. Particular emphasis is placed on licensed software usage requirements, and backup mechanisms for important data have been established.

The implementation of these policies and measures, based on the principle that “those who supervise are in charge, those who build are in charge, those who operate are in charge, those who use are in charge”, has established a comprehensive information security management system. These systems provide solid security foundations for the Group’s digital transformation through institutional development, hierarchical management, and standardised operations.

私隱與數據保護

中國建築興業在制定《網路安全管理辦法》和《信息化資產管理辦法》的基礎上，進一步完善了《信息化管理規定》，從而強化了信息化管理體系。這些制度的核心是深入貫徹數字經濟和實體經濟融合發展的要求，防範網路安全風險，推動數位化與網路安全工作健康有序發展管理。

在組織架構上，本集團設立信息化管理部作為主責部門，負責統籌信息化發展規劃、信息化系統建設、IT基礎設施建設和網路安全等方面的管理。同時負責實時監控網路、服務器和信息系統。

在網路安全管理方面，我們遵循「集團牽頭頂層統籌規劃，加強統一領導；分級落實負責，堅持綜合防範；堅持以攻促防、不斷持續改進；號召全員參與、加強意識宣貫」的總體方針。《網路安全管理辦法》規定了完整的網路與信息安全管理制度，涵蓋網路與信息安全管理、信息系統建設安全管理、信息系統和信息資產安全保護、員工信息安全管理等多個方面。

在信息化資產管理方面，本集團對硬件資產、軟件資產和網路資產制定了詳細的管理規範，包括資產配置標準、審批流程、使用管理等內容。特別強調了正版軟件使用要求，並規定了重要資料的備份機制。

這些政策和措施的實施，基於「誰主管誰負責、誰建設誰負責、誰運行誰負責、誰使用誰負責」的原則，構建了一個全面的信息安全管理體系。通過制度建設、分級管理和規範操作，為本集團的數字化轉型提供了堅實的安全保障。

UNSDGs covered in this chapter:
本章節所涉及的UNSDGs：



Material Issues:
重要性議題：

- Responding to climate change 應對氣候變化
- GHG emission 溫室氣體排放
- Energy efficiency 能源效益
- Waste management 廢棄物管理
- Air emission 廢氣排放
- Water and effluents 水資源使用及污水
- Use of materials 物料使用
- Environmental data management 環境數據管理
- Nature-related risk and opportunity management 大自然相關風險和機遇管理
- Environmental compliance 遵守環境法規

Undertaking Low-Carbon Environmental Stewardship 承擔低碳環保之任



UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

ENVIRONMENTAL MANAGEMENT POLICIES

The Group recognises that, within the broader context of global sustainable development, the construction industry stands at the forefront of transformation and innovation due to its significant resource consumption and environmental impact. In the face of increasingly severe challenges and opportunities, environmental protection is no longer an optional corporate social responsibility but a critical factor in ensuring long-term survival and development. Governments worldwide and international organisations are intensifying efforts to establish environmental standards for the construction sector, striving to promote the adoption of green buildings and low-carbon technologies.

Throughout the entire lifecycle of a building from construction, operation, to final demolition, there is a substantial environmental burden, including high energy consumption, waste generation, and pollutant emissions. Therefore, implementing effective environmental protection measures has become an inevitable choice for industry development. This not only requires optimising design and material selection but also necessitates integrating clean production technologies into the construction process, enhancing energy efficiency, and strengthening waste recycling to minimise interference with natural ecosystems.

Against this backdrop, the Group uses its *Environmental Policy* as the fundamental guideline for environmental management, conducting careful reviews and necessary updates to align with global sustainability trends. To effectively manage environmental risks across different business areas, we encourage our subsidiaries to reference leading international environmental management standards and continuously improve their environmental management systems. Far East (Hong Kong) and China Overseas Supervision have obtained ISO 14001 Environmental Management System certification. Looking ahead, the Group will continue to strive for enhanced performance in environmental protection among all subsidiaries, contributing even more significantly to the sustainable development of the industry.

環境管理政策

本集團意識到，在全球化可持續發展的宏大背景下，建築行業因其顯著的資源消耗與環境影響力，正站在轉型與創新的風口浪尖。面對日益嚴峻的挑戰與機遇，環境保護不再是企業可有可無的社會責任，而是關乎長期生存與發展的關鍵所在。世界各國政府與國際機構正不斷加大對建築行業環保標準的制定力度，致力於推動綠色建築與低碳技術的普及與應用。

在整個建築生命週期中，無論是施工、運營還是最終的拆除階段，都會對環境造成沉重的負擔，包括能源的高消耗、廢物的產生和污染物的釋放。因此，實施有效的環境保護措施，成為了行業發展的必然選擇。這不僅要求我們在設計和材料選擇上進行優化，更需要在施工過程中引入清潔生產技術，提升能源利用效率，強化廢物循環利用，從而最大程度地減少對自然生態的干擾。

在此背景下，本集團以《環境政策》作為環境管理的根本指導，定期對其內容進行審慎評估與必要補充，緊跟全球可持續發展的步伐。為了有針對性地管理不同業務領域的環境風險，我們鼓勵各附屬公司參考國際領先環境管理標準，不斷完善自身的環境管理體系。遠東香港和中海監理已獲得ISO 14001環境管理體系認證。展望未來，本集團將繼續致力於提升所有附屬公司在環境保護方面的表現，為推動行業的可持續發展貢獻更為卓越的力量。

UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

RESPONDING TO CLIMATE CHANGE

In the context of escalating global climate change, how to respond effectively to climate-related challenges has become a critical issue that all industries must confront head-on. Climate resilience is not merely about the ability to withstand climate shocks, it also entails rapid recovery and the safeguarding of long-term operational continuity in adverse conditions. In response to China's "Dual Carbon" goals and the Hong Kong's Climate Action Plan 2050 promulgated by the Hong Kong Special Administrative Region Government, the Group has established a comprehensive climate risk governance framework tailored to its business characteristics. This framework integrates climate risks into the Group's overarching risk management strategies, enabling precise and holistic risk management practices. We faithfully adhere to our *Climate Change Policy* and embed its principles throughout every aspect of our operations. Since 2022, we have followed the guidance of the TCFD to comprehensively communicate our management approaches and strategies regarding climate change mitigation and adaptation, as well as risk resilience, to stakeholders. It not only enhances transparency in our approach to addressing these issues but also demonstrates our unwavering commitment to sustainable development.

CLIMATE-RELATED GOVERNANCE

To effectively address the challenges posed by climate change and ensure comprehensive oversight and management of climate-related matters, the Group has established and implemented a top-down four-tier governance framework. This framework reflects our commitment to climate resilience and underscores our professionalism and foresight in managing climate risks, with the role of the Sustainability Committee being particularly pivotal.

The Sustainability Committee strictly adheres to the terms outlined in its *Terms of Reference*, overseeing and coordinating all climate-related matters within the Group. With a professional perspective, it identifies and evaluates the risks and opportunities arising from climate change, while analysing the potential impacts of these factors on the Group's long-term development trends. The Sustainability Committee regularly provides the Board with up-to-date information on climate strategy, risk management, and business opportunities, ensuring the Board has a comprehensive and in-depth understanding of the Group's climate resilience. The Sustainability Leading Group oversees and guides climate-related initiatives and activities, monitoring progress on climate-related issues within the Group. The Sustainability Working Group, composed of representatives from various functional departments, tracks emerging climate-related trends and issues, assisting the Sustainability Committee and Sustainability Leading Group in formulating policies and implementation measures.

應對氣候變化

在全球氣候變遷日益加劇的背景下，如何高效應對氣候變化，已成為各行各業必須直面的關鍵挑戰。氣候韌性不只是對抗氣候衝擊的能力，更意味著在逆境中迅速復原，並保障長期營運的持續性。為響應國家的「雙碳」目標和香港特區政府發佈的《香港氣候行動藍圖2050》，提升氣候韌性和適應力，本集團緊密結合自身業務特點，建立了完整的氣候風險管治架構，將氣候風險有效納入本集團層面的風險管理策略中，以實施精準而全面的風險管理。我們忠實履行《氣候變化政策》，並將其貫穿於業務運營的每一個環節。自2022年起，我們遵循TCFD的指引，向持份者全面展現了本集團在減緩與適應氣候變化、抵禦風險方面的管理方針與戰略。這不僅提升了我們在應對氣候變化上的透明度，也展現了我們對可持續發展的堅定承諾。

氣候相關治理

為了有力應對氣候變化的挑戰，確保氣候相關事宜受到全方位的監督與管理，本集團設立並實施了一個自上而下的四層級管治架構。這套架構不僅體現了我們對氣候韌性的重視，也映射出我們在氣候風險管理上的專業與前瞻性，其中尤以可持續發展委員會的角色至關重要。

可持續發展委員會嚴格按照其《職權範圍》內所列監督和協調本集團內部的所有氣候相關事宜，以其專業視角識別和評估氣候變化帶來的風險與機遇，並分析這些因素對本集團長期發展趨勢的潛在影響。可持續發展委員會定期向董事局提供關於氣候策略、風險管理和商機的最新信息，確保董事局對本集團的氣候韌性有著全面而深入的了解。可持續發展管理小組負責統籌並指導氣候相關舉措和工作，並追蹤本集團在氣候相關議題的進展。可持續發展工作小組由各職能部門代表人員組成，跟踪新興氣候相關趨勢與問題，協助可持續發展委員會及領導小組制訂政策及實施措施。

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CLIMATE STRATEGY

In the face of the wave of climate change, the Group actively addresses potential physical and transition risks. Our strategic approach focuses on two key aspects: mitigating the impacts of natural disasters and factors such as policy, market, and regulatory changes on business operations and supply chains, while also seizing opportunities arising from the industry's transition to a low-carbon economy. This demonstrates our deep understanding and expertise in enhancing climate resilience. We vigorously promote the use of renewable energy to reduce reliance on traditional fossil fuels and are committed to lowering carbon emissions. In terms of improving energy efficiency, we have systematically upgraded equipment and established industry standards through the development of zero carbon building. As one of the Group's core businesses, we are actively promoting green building practices through our BIPV business, reflecting our commitment to low-carbon and environmental sustainability.

To plan the Group's future energy-saving and carbon-reduction strategic layout more precisely, we have upgraded and optimised our carbon neutrality roadmap during this year in accordance with the latest disclosure requirements and by referencing best practices within the industry. These efforts ensure that our environmental commitments are aligned with and mutually reinforce our business strategies.

氣候策略

在氣候變化的浪潮下，本集團積極應對可能面臨的物理與轉型風險。我們的策略佈局一方面著眼於減輕自然災害以及政策、市場和監管等因素對業務營運和供應鏈帶來的衝擊，另一方面則積極把握行業向低碳經濟轉型的機遇，以展現我們對提升氣候韌性的深刻理解與專業能力。我們大力推廣可再生能源，以減弱對傳統化石能源的依賴，並致力於降低碳排放。在提高能源使用及效率方面，我們除了對設備進行系統性升級，更通過打造零碳建築樹立行業標桿。作為本集團主要業務之一，我們通過幕牆業務大力推廣綠色建築實踐，體現我們對低碳環保的承諾。

為了更精準地規劃本集團未來的節能減碳戰略佈局，我們在本年度依據最新的披露要求，並借鑒行業內的最佳實踐，對碳中和路線圖進行了全面的升級與優化，以確保我們的環境承諾與商業策略相得益彰。

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Carbon Neutrality Roadmap 碳中和路線圖

2024 Achievements 成果

- **Carbon Credit 碳配額**
 - ✓ Huanggu Thermoelectricity sold 42,796 tonnes of carbon credits this year, resulting in a total transaction value of RMB4.465 million
皇姑熱電已於本年度出售42,796噸碳配額，總成交額為人民幣4.465百萬元
- **Sustainability Training 可持續發展培訓**
 - ✓ During the reporting period, the Group engaged an external consultant to conduct seven targeted sustainability training sessions for employees at different levels, covering topics such as future development trends, carbon neutrality, and carbon emission calculations
於報告期內，本集團邀請外部顧問對不同層級有針對性的進行了七次可持續發展培訓，內容涵蓋未來發展趨勢、碳中和、碳排放計算等
- **Environmental Target 環境目標**
 - ✓ Reduced carbon intensity by 28% compared to 2021 (total Scope 1 and Scope 2 emissions per HKD million revenue)
較2021年，碳排放密度已降低28%（每港幣百萬元營業額的範圍一及二總排放量）
 - ✓ Expanded the scope of Scope 3 GHG emission calculation
增加範圍三碳排放類別計算
 - ✓ Fully committed to developing two new BIPV product lines: Light F and Light R
全力研發兩項全新BIPV產品系列，即Light F和Light R
 - ✓ Residence Office of Far East (Zhuhai) received the Zero-Energy Building National certification
遠東珠海宿舍辦公樓獲零能耗建築國家標識認證
 - ✓ Participated in 18 BIPV-related benchmark projects
共參與BIPV標杆項目18個

2026 Short-term 短期目標

- **Carbon Emission Target 碳排放目標**
 - Reduce carbon emissions intensity by 25% before 2025 compared to 2021 (total Scope 1 and Scope 2 emissions per HKD million revenue)
2026年或之前將碳排放密度降低25%（以2021年為基準年）（每港幣百萬元營業額的範圍一及二總排放量）
- **Responding to Climate Change 應對氣候變化**
 - Identify and evaluate climate-related physical and transition risks, refining the Group's strategy to address climate change based on the result
識別並評估氣候相關物理及轉型風險，根據結果完善本集團應對氣候變化的策略
 - Promote decarbonisation across upstream and downstream supply chains, expand Scope 3 carbon emissions disclosure categories
推動供應鏈上下游減碳，擴大範圍三的披露範圍
 - Continuously improve climate-related disclosure
持續完善氣候相關披露
- **Enhance Energy Efficiency 能源效益提升**
 - Gamma USA and Canada will reduce the fuel consumption of official vehicles by 1/3 by 2026
遠東美國及加拿大於2026年前將公務車油耗減少1/3
 - Reduce diesel consumption in construction sites or vehicles in Gamma USA and Canada by 30% by 2025 or earlier
遠東美國及加拿大於2025年或以前減少30%工地或車輛的柴油使用量
- **Environmentally Friendly Packaging Materials 環保包裝物料使用**
 - Continuously promote the use of environmentally friendly packaging materials in all subsidiaries
持續推動各個子公司環保包裝物料的使用
- **Environmental Management 環境管理**
 - Continuously pursue environmental management system certifications, and strive for more subsidiaries to obtain environmental-related certificates
持續開展環境管理體系認證，致力於更多子公司取得環保相關證書

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2030

Medium-term
中期目標

Enhance Energy Efficiency 能源效益管理

- Continuously promote the renovation of Huanggu Thermoelectricity's equipment and committed to further improving energy usage efficiency
持續推動皇姑熱電設備改造，致力於進一步提升能源使用效率
- Enhance the use of renewable energy in business operations
提升業務中可再生能源使用率
- Continuously develop low-carbon products and expand product portfolio in BIPV and BAPV to enhance energy efficiency
持續開發低碳產品，拓展BIPV及BAPV產品領域，以提升能源效率

Responding Climate Change 應對氣候變化

- Quantify the financial impact of physical risks on the Group and continue to refine strategies to address climate change
量化實體風險對本集團的財務影響，持續完善本集團應對氣候變化的策略

Carbon Assets Management 碳資產管理

- Focus deeply on carbon asset management, take action in areas such as carbon credit trading and green electricity based on business characteristics
深耕碳資產管理領域，根據業務特點在碳權交易、綠電等環境權益交易領域採取行動

Green and Sustainable Finance 綠色及可持續金融

- Actively adopt low-carbon and sustainable financial approaches, expand qualified green and low-carbon projects under the Group's Green Finance Framework to support the "carbon neutrality" sustainable development strategic goals
積極踐行低碳及可持續金融方式，依照本集團綠色金融框架，拓展合資格綠色及低碳項目，助力「碳中和」可持續發展策略目標

Carbon Emission Target 碳排放目標

Achieve carbon neutrality
實現碳中和

2060

Long-term
長期目標

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CLIMATE RISK MANAGEMENT

The Group fully recognises the importance of accurately identifying and managing risks associated with climate change for its future sustainable development. Thus, we have adopted a series of forward-looking strategies to identify, assess and manage risks and opportunities associated with climate change.

Our methodology for identifying climate-related risks begins with a comprehensive review of industry and market trends. By conducting materiality assessments, risk analyses and trend studies, we gain insights into potential sustainable risks that could impact the Group's financial performance, strategic development, operational efficiency, reputation and other critical factors. Our Board members and senior management evaluate potential risks and opportunities based on the Group's business characteristics, leveraging diverse perspectives and expertise. Together with independent external consultants, the profound impact of climate risks and opportunities on the Group's future development trend has been analysed. All identified risks are incorporated into a risk database and prioritised to closely monitor potential threats and impacts. We place particular emphasis on high-risk factors, subjecting them to strict reviews and management, and will implement appropriate adaptation and mitigation measures to address the growing risks.

氣候風險管理

本集團深刻認識到準確識別與管理氣候變化所帶來的風險對企業的未來可持續發展的重要性。為此，我們採取了一系列前瞻性策略來識別、評估與管理氣候相關的風險和機遇。

我們識別氣候相關風險的方法論始於對行業和市場趨勢的全方位審視，通過開展重要性評估、風險分析以及大趨勢研究，洞察可能影響本集團財務表現、發展戰略、運營效率、聲譽及其他關鍵因素的可持續風險。我們的董事局成員及高級管理層基於本集團的業務特點，並結合其多元化及專業的視角和觀點審視和評估潛在的風險與機遇，並與外部獨立顧問共同剖析氣候風險與機遇對本集團未來發展趨勢的深遠影響。我們將所有識別出來的風險納入了風險數據庫並進行優先級排序，以便緊密跟踪可能的威脅和影響。我們著重關注高風險項，對其進行嚴格審查和管理，並將通過適當的適應和緩解措施來應對日益增加的風險。

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The following are the Group’s assessment results and response measures targeting physical and transition risks, as well as climate-related opportunities: 以下為本集團針對物理與轉型風險、以及氣候相關機遇的識別結果與應對措施：

Risk Factors 風險類別	Impacts 影響	Management strategies and measures 管理策略或措施
Physical risks 物理風險	Physical risks are direct natural disasters caused by climate change, such as floods, typhoons, droughts, extreme temperatures, and wildfires. These disasters are characterised by their suddenness, destructiveness, and unpredictability. In the construction industry, the impact of physical risks is particularly severe, potentially leading to structural damage, project delays, supply chain disruptions, and increased costs for repairs and reconstruction. 物理風險是由氣候變化引起的直接自然災害，如洪水、颱風、乾旱、極端溫度和野火等，這些災害具有突發性、破壞性和不可預測性。在建築行業中，物理風險的影響尤為嚴重，它可能導致建築結構損壞、施工延誤、供應鏈中斷，以及維修和重建成本的增加。	Although the Group has not yet been significantly impacted by physical risks directly, we remain vigilant and continuously monitor various potential risk factors. Targeted emergency measures have been developed, particularly in regions prone to frequent typhoons, heavy rains, and extreme heat events. China Overseas Supervision has established <i>Guidelines on Safety and Emergency Response in Extreme Weather Events</i>, which requires employees to conduct preventive work and emergency preparedness in an efficient and orderly manner, thereby enhancing emergency response capabilities and strengthening control over risk hazards. We are committed to ensuring that all employees, equipment, and machinery operate in a safe environment, achieving optimal risk prevention outcomes. 雖然本集團尚未深受物理風險的直接影響，但我們始終保持警惕，不間斷地監控各種可能的風險因素，並制訂了針對性的應急措施，特別是在颱風、暴雨和高溫等極端天氣事件頻發的地區。附屬公司中海監理制定了《極端惡劣天氣安全應急工作指引》，要求員工以高效且有序的方式開展事前的預防工作和應急準備，從而提升應急處置能力，加強對風險隱患的管控。我們致力於確保所有員工、設備和機械都能在安全的環境中工作，以實現風險防控的最佳效果。 To mitigate the effects of extreme heats, Far East (Zhuhai) has installed automatic sprinkler system in integrated workshops and periodically distributes cool beverages to employees. 為預防極端高溫天氣，遠東珠海在綜合車間加裝自動噴水裝置，並不時向員工派發清涼飲品。

UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

Risk Factors 風險類別	Impacts 影響	Management strategies and measures 管理策略或措施
Transition risks 轉型風險	Climate transition risks present significant challenges to the construction industry, particularly given its classification as both high-energy-consuming and high-carbon-emitting. In response to regulatory and policy adjustments, businesses must address enhanced energy-saving standards and the promotion of green buildings. Those failing to meet these requirements face increased costs and potential market loss. 氣候轉型風險對建築行業帶來重大影響，特別是作為高能耗和高碳排放的行業。面對法規和政策調整，企業必須應對節能標準的提升和綠色建築的推廣，不符合要求者將面臨成本增加和市場流失。 With decarbonisation emerging as a global priority, thermal power industry is confronting market pressures, regulatory constraints, and escalating capital costs. The growing demand for renewable energy has resulted in a decline in thermal power market share, compounded by stricter environmental regulations limiting operational activities. As a result, thermal power companies must reassess their business models and pursue more sustainable avenues for growth. 隨著減碳成為全球重要趨勢，火力發電企業正面臨市場壓力、政策法規限制以及資本成本上升等問題。可再生能源需求的增長導致火力發電市場份額下降，且更嚴格的環保法規限制了運營活動。火力發電企業必須重新評估商業模式，並尋求更具可持續性的發展道路。	As a thermal power generation company, Huanggu Thermoelectricity is one of the most carbon-intensive business segments within the Group. Under the current policy environment, local government adjustments to heating standards have increased indoor temperature requirements. While ensuring residential heating needs, this adjustment has also posed challenges to Huanggu Thermoelectricity, resulting in higher coal consumption and carbon emissions. In response to this situation, Huanggu Thermoelectricity strictly adheres to environmental regulations while closely monitoring policy developments. 皇姑熱電作為火力發電企業，是本集團內碳排放最為集中的業務領域之一。在當前政策環境下，當地政府對供暖標準的調整提高了室內溫度要求，在保障民生供暖需求的同時，也給皇姑熱電帶來了煤炭消耗增加、碳排放上升的挑戰。面對這一形勢，皇姑熱電在嚴格遵循環保法規的前提下，密切關注政策動態。 In terms of operational strategy, Huanggu Thermoelectricity has thoroughly implemented the operating model of “Determination of power by heat, precise adjustment and control, and one approach for one district”, reinforcing the central role of heating in production control. Through advanced technologies such as boiler start-stop management and pressurised fire operation, Huanggu Thermoelectricity optimises operational modes to reduce coal consumption and carbon emissions. Additionally, Huanggu Thermoelectricity continues to shorten operation hours during non-heating periods to reduce the proportion of inefficient operation and ensure maximum utilisation of resources. 在運營策略方面，皇姑熱電深入推行「以熱定電、精準調控、一區一策」的運行模式，強化供熱在生產調控中的核心地位。皇姑熱電通過靈活運用鍋爐啟停、壓火運行等先進技術，優化運行模式以減少煤炭消耗和碳排放。同時，皇姑熱電持續縮短非供暖期的運行時間，降低低效運行比例，確保資源利用最大化。

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Risk Factors 風險類別	Impacts 影響	Management strategies and measures 管理策略或措施
		During the heating period, Huanggu Thermoelectricity leverages the rapid-response advantages of its central control system, implementing measures such as heat source linkage and time-based regulation. Not only does this satisfy heating demands, but it also significantly reduces energy consumption. By accurately forecasting and adjusting external temperature fluctuations, it optimises heating curves, ensuring stable user temperature compliance while effectively minimising heat waste. This approach achieves optimal carbon emission levels for unit operations. 供暖期間，皇姑熱電依托中控系統的快速響應優勢，實施熱源聯動和分時調控等措施，不僅滿足了供暖需求，還大幅降低了能源消耗。通過精準預測和調節外部環境溫度變化，優化供熱溫度曲線，確保用戶溫度穩定達標的同時，有效減少了熱量浪費，使機組運行達到最佳的碳排放水平。 In improving boiler operation efficiency and reducing heat loss, Huanggu Thermoelectricity sets the annual key performance indicator (KPI) as the carbon content of bottom ash. By comprehensively addressing issues such as boiler heat surface treatment, crusher tooth tear and wear, and flue gas leakage, it effectively enhances boiler operational status and combustion efficiency. This year, the carbon content of bottom ash decreased from 2.94% in 2023 to 1.6%, demonstrating the significant achievements Huanggu Thermoelectricity has made in energy conservation and emissions reduction. 在提升鍋爐運行效率和降低熱損失方面，皇姑熱電將大渣含碳量作為年度關鍵績效指標。通過全面治理鍋爐受熱面、破碎機齒板磨損和煙道漏風等問題，有效改善了鍋爐運行狀態，顯著提升了燃燒效率。本年度，大渣含碳量從2023年的2.94%下降至1.6%，充分展現了皇姑熱電在節能減排工作中取得的顯著成果。

At the same time, technological innovation and the development of low-carbon materials have become initiatives that present both challenges and opportunities. The rise of low-carbon buildings is reshaping the global competitive landscape, while industrial integration is driving companies to explore low-carbon collaborations with upstream and downstream partners in the supply chain.

同時，技術創新以及開發低碳材料成為挑戰與機遇並存的事項。低碳建築的興起正在改變市場競爭格局，而產業鏈整合也在促使企業探索與上下游的低碳合作。

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Opportunities Identification	Current Progress and Future Plans	機遇識別	當前進展與未來規劃
Future prospects and opportunities for BIPV	As a core strength within the Group, BIPV serves as an important means of carbon reduction. Beyond its power-generating capabilities, BIPV enables the quantification of renewable energy output and converts precise data into corresponding carbon-reduction metrics. This supports customers in achieving their carbon-reduction targets. During the year, the CSCEC Science and Technology Exhibition utilised BIPV components and systems developed by Far East (Zhuhai), to create a building that generates electricity while serving as an architectural art piece. This project achieved an annual carbon emissions reduction of approximately 15.98 tonnes. Policy support has further accelerated the development of BIPV. Government regulations now impose stricter carbon-reduction requirements on new constructions, mandating not only rooftop solar panel installations but also power generation through facades. Consequently, BIPV has become a necessity for meeting green-building standards, providing strong support for market expansion. The growing demand from the market also presents vast opportunities for BIPV. As more tender projects incorporate BIPV systems into their requirements, market demand continues to rise. The Group has keenly sensed this trend and plans to prioritise BIPV as a key focus area for future development, aiming to capitalise on market opportunities proactively.	BIPV未來發展前景與機遇	BIPV作為本集團在行業內的核心優勢，是一種重要的減碳手段。BIPV不僅具備發電功能，還能量化可再生能源產出，並通過精確數據換算成相應的減碳指標，幫助客戶實現減碳目標。本年度，中國建築科技展運用了遠東珠海自主研發的BIPV組件產片及系統，打造會發電的建築藝術，實現年減碳排放量約15.98噸。 政策的推動進一步加速了BIPV的發展。政府開始對新建建築提出更為嚴格的減碳要求，規定建築不僅需在屋頂安裝太陽能板，還需在立面進行發電，BIPV因此成為滿足綠色建築標準的必要條件，為其市場拓展提供了有力支持。 市場需求的增長同樣為BIPV帶來了廣闊機遇。隨著越來越多的招標項目將BIPV系統納入要求，市場對BIPV的需求正持續攀升。本集團已敏銳洞察到這一趨勢，並計劃將BIPV作為未來重點突破方向，搶佔市場先機。

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Opportunities Identification	Current Progress and Future Plans	機遇識別	當前進展與未來規劃
Huanggu Thermoelectricity successfully completed carbon credit sale	Huanggu Thermoelectricity steadfastly adheres to the corporate philosophy of “Technology Empowerment and Green Development”, actively developing new energy recycling and utilisation systems, promoting lean production, and digging deeply into the potential for energy utilisation. These efforts have significantly improved the actual results of energy conservation and carbon reduction. As a key unit under the national carbon emission trading quota management system, Huanggu Thermoelectricity has successfully sold 42,796 tonnes of carbon credits through the national carbon emission trading system during the year, achieving total transaction value of RMB4.465 million. This achievement sets a new record in carbon reduction efforts, making Huanggu Thermoelectricity the first enterprise in the industry to realise surplus carbon quotas. In the journey of carbon asset management, this successful sale of carbon credits marks not only the Group’s first attempt in the carbon trading sector but also pioneers carbon quota transactions within the thermal power industry in Shenyang. This accomplishment demonstrates a new breakthrough by Huanggu Thermoelectricity in carbon asset management, highlighting its relentless efforts and remarkable achievements in energy conservation, emissions reduction, and lowering carbon emissions.	皇姑熱電成功完成碳權出售	皇姑熱電始終堅守「科技賦能綠色發展」的企業理念，積極研發新能源循環利用系統，推行精益生產，深入挖掘能源利用潛力，顯著提高了節能減碳的實際成效。作為全國碳排放權交易配額管理的關鍵單位，皇姑熱電於本年度在全國碳排放交易系統出售42,796噸碳配額，總成交額為人民幣4.465百萬元，在減碳領域屢創新高，成為業內首個實現碳配額盈餘的企業。 在碳資產管理的征途上，本次碳權的成功出售不僅標誌著本集團在碳交易領域的首次嘗試，更在沈陽市熱電行業中開創了碳配額交易的先例。這一成就充分展現了皇姑熱電在碳資產管理上的新突破，同時也凸顯其在節能減排、降低碳排放中所作出的不懈努力和取得的顯著成果。

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Energy Efficiency Management

The Group fully understands the significance of energy management for the development of its diverse businesses. Therefore, we have established it as one of the core strategies to enhance overall operational efficiency and reduce the impact of climate change. Our *Environmental Policy* explicitly stipulates that all subsidiaries must regularly review and monitor energy consumption patterns, set specific energy-related objectives, and integrate energy saving and emission reduction measures into daily business operations.

During the implementation of construction projects, we endeavour to utilise cutting-edge technologies, highly efficient equipment, and advanced systems to improve overall energy efficiency. Through comprehensive building practices, we continually refine and advance energy utilisation. Additionally, we focus on optimising energy efficiency across the entire value chain and actively promote the use of renewable energy products among all stakeholders. During the year, energy consumption primarily concentrated on two key categories: electricity and fossil fuel combustion. Among these, fossil fuel combustion includes gasoline, diesel, natural gas, and lignite.

Low-Carbon Products for Sustainable Development

Facade contracting engineering is the cornerstone of the Group and a key source of competitive advantage. Targeting the unique characteristics of large-scale public buildings, the Group employs specialised designs to maximise the capture and utilisation of solar energy, fostering low-carbon operations in architecture. We consistently overcome industry technical limitations by integrating cutting-edge BC battery technology, leveraging its superior power conversion efficiency to enhance buildings' self-generation capabilities and significantly the overall carbon emissions of buildings. As a leader in the photovoltaic industry, we align with national "Dual Carbon" goals and the China State Construction Engineering Corporation's 14th Five-Year strategic plan, focusing on the emerging BIPV and BAPV markets. This year, we are developing two innovative lightweight photovoltaic modules, integrating "aesthetic lightness" and "sturdy durability", garnering substantial market interest.

Energy Efficiency Management

本集團深刻認識到能源管理對旗下不同業務發展的重要性，故將其確立為提升整體營運效率、降低氣候影響的核心策略之一。我們於《環境政策》中清楚列明各附屬公司必須定期審視及監控能源消耗情況，設定具體的能源目標，將節能減排的措施切實融入至日常業務營運過程中。

在建築項目的實施過程中，我們致力於採用尖端科技、高效設備和精密系統來提升整體能源效益，通過綜合性建築實踐，不斷精進能源利用效率。此外，我們亦在價值鏈範圍內關注能源效益優化，積極向所有持份者推廣可再生能源產品的應用。在本年度業務營運過程中，能源消耗主要集中於電力與化石燃料燃燒這兩大關鍵類別。其中，化石燃料燃燒包括汽油、柴油、天然氣及褐煤。

Low-Carbon Products for Sustainable Development

幕牆工程乃本集團立業之根本，亦是核心競爭力的所在。本集團針對大型公共建築的特殊性，以專門的設計最大化捕獲和利用太陽能，促進建築的低碳運行。我們亦不斷突破行業技術瓶頸，採用市場前沿的BC電池，利用其卓越的發電轉換效率，增強建築自我發電能力，大幅降低建築的總體碳排放。作為光伏行業的先鋒，我們緊跟國家的「雙碳」目標與中建集團的「十四五」戰略規劃，深耕BIPV與BAPV新興市場，並於本年度在原有基礎上研發兩款融合「美觀輕盈」與「結實耐用」的輕質光伏組件，受到市場的高度關注。

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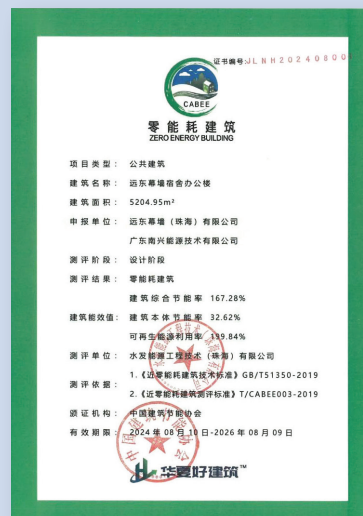
The Residence Office of Far East (Zhuhai) has been awarded the Zero-Energy Building National certification 遠東珠海宿舍辦公樓獲零能耗建築國家標識認證

The Group has skilfully incorporated self-developed photovoltaic facade technology in the renovation of the residence office of Far East (Zhuhai), which became the first project in Zhuhai City to obtain Zero-Energy Building National certification. This is a multi-functional building integrating staff accommodation, catering and offices, with a total gross floor area of 5,204.95 square meters and an occupancy of seven floors. With a series of innovative active and passive technologies, including integrated high-efficiency facades, BIPV, BAPV, high-efficiency electrical and mechanical systems and intelligent platforms, the multi-functional building has been successfully transformed into a zero-energy building. 1,547.9 MWh of clean energy has been generated in 2024, achieving self-sufficiency in energy supply and greatly enhancing the green attributes and environmental quality.

本集團在遠東珠海宿舍辦公樓的改造中，巧妙地融入了自主研發的光伏幕牆技術，成為珠海市首個獲得零能耗建築國家標準認證的項目。該建築為集員工住宿、餐飲以及辦公為一體的多功能建築，總建築面積達到5,204.95平方米，佔地七層。借助於一系列創新的主動與被動技術，包括集成高效幕牆、BIPV、BAPV、高效機電系統以及智能化平台，這座多功能建築成功轉型為零能耗建築，已於2024年產生1,547.9兆瓦時的清潔能源，實現了能源的自主供應，極大地提升了建築的綠色屬性和環保品質。

An in-depth assessment of the project's energy consumption showed that the building's energy efficiency was significantly increased to 32.62%, with a combined energy saving of 167.28%, as a result of meticulous control of design details and technological innovations. In addition, with a renewable energy utilisation rate of 199.84%, the building fully demonstrated the Group's profound strength in green building technology and its strong commitment to sustainable development.

針對項目能耗的深入評估結果顯示，得益於對設計細節的精心把控與技術革新，建築本體的節能率顯著提升至32.62%，綜合節能高達167.28%。此外，該建築以199.84%的可再生能源利用率，充分體現了本集團在綠色建築技術領域的深厚實力以及對可持續發展的堅定承諾。



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Technological Innovation Leads to a Green Future

While focusing on the cultivation of its facade business, one of the Group’s subsidiaries, Huanggu Thermoelectricity, has also demonstrated significant commitment to environmental protection and energy efficiency. During the year, Huanggu Thermoelectricity continuously increased its investment in capital and technological innovation, and proactively researched and applied new technologies, new equipment, new materials and new processes to realise energy saving and consumption reduction of the equipment system and the “Dual Carbon” goals. In order to systematically manage and improve the overall environmental performance, Huanggu Thermoelectricity has established a comprehensive sustainable development management system and implemented a number of management frameworks, including the *Energy Statistics Management*, the *Energy Conservation Management* and the *Assessment of Power Generation and Heating Indicators*, with a dedicated Energy Measurement Management Team is responsible for overseeing energy management practices, promoting energy conservation, reducing energy consumption, and compiling environmental data.

技術革新引領綠色未來

在深耕幕牆業務的同時，本集團投資運營的皇姑熱電也在環保與能源效益方面積極作為。本年度，皇姑熱電不斷增加資金與科技創新的投入，主動研究與應用新技術、新設備、新材料及新工藝，以實現設備系統的節能降耗與「雙碳」環保目標。為了系統性地管理和完善公司環保表現，皇姑熱電建立了全面的可持續發展管理體系，並實施了包括《能源統計管理》、《節能管理》以及《發電、供熱指標考核》在內的多項制度，由專設的能源計量管理小組負責執行能源管理、節能降耗以及環境數據的統計工作。

Project R&D 項目研發	Achievements in 2024 2024年成效
Innovative Technologies for Energy-Efficient and Environmentally Friendly Heating Systems 供暖節能環保創新技術	Two heating units were retrofitted with recycled water heating, which is expected to recover 300,000 GJ of residual heat per heating season, save 12,000 tonnes of standard coal, reduce carbon emissions by 31,000 tonnes, sulfur dioxide emissions by 102 tonnes, and nitrogen oxide emissions by 89 tonnes per year. 對兩台供暖機組進行循環水供熱改造，預計每供暖季回收30萬吉焦耳餘熱，年省標煤1.2萬噸，減少二氧化碳排放3.1萬噸，減少二氧化硫排放102噸，減少氮氧化物排放89噸。 By promoting the lithium bromide recycled water waste heat recovery project, it is estimated that 160,000 GJ of residual heat can be recovered during the heating season, which will save 6,240 tonnes of standard coal, 65,000 tonnes of water, reduce carbon dioxide emissions by 16,000 tonnes, 53 tonnes of sulfur dioxide emissions, and 46 tonnes of nitrogen oxides emissions. 推動溴化鋰循環水餘熱回收利用項目投運，預計供暖季可回收餘熱16萬吉焦耳，折算每年節省標煤6,240噸，節水6.5萬噸，減少二氧化碳排放1.6萬噸，減少二氧化硫排放53噸，減少氮氧化物排放46噸。
Boiler Combustion and Water Treatment System Optimisation 鍋爐燃燒、水處理系統優化	This year, ultra-low emission renovations for dust removal, desulfurization, and denitrification have been implemented on six boilers. 於本年度對六台鍋爐實施了除塵、脫硫和脫硝超低排放改造。

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In order to strengthen the core position of energy efficiency in the overall operation, Huanggu Thermoelectricity has continuously refined its *Compendium of Management Systems* and customised energy-saving and consumption-reduction target assessment details based on the actual conditions of the heating department. These details explicitly incorporate key indicators such as thermal consumption, electricity consumption, and water consumption during the heating season into the evaluation system, with the goal of achieving energy conservation and emissions reductions. Additionally, the *Energy Efficiency Evaluation Management System* has been established, directly linking energy-saving outcomes to employee performance. In implementing the assessment, it considers the actual performance of the production front and employs multi-perspective evaluations, including indicator-based assessment, parameter-based assessment, and defect management. Furthermore, through the introduction of a scoring system, employees are incentivised to actively participate in energy monitoring and promptly report any defects that may lead to energy waste.

Green Office Practices

The Group has consistently adhered to the development philosophy of “Practicing Strict Economy, Operating a Diligent and Frugal Business”, which is deeply embedded in both the cultivation of our corporate culture and the design and construction of our office environments. We fully comprehend the significance of green offices in advancing sustainable development and have therefore dedicated considerable resources to establishing a workplace that is both comfortable and environmentally conscious. The Group has established and implemented the *Green Office Environmental Proposal* and the *Green Offices Guidelines*, detailing an array of innovative office solutions. These include energy-efficient lighting, smart automation controls, waste separation and recycling systems, and paperless digital administration. Such comprehensive measures have successfully diminished the consumption of energy and water while also playing a pivotal role in heightening employees’ environmental awareness.

為了進一步強化能源效益在公司運營中的核心地位，皇姑熱電不斷精進《管理制度匯編》，並依據供熱部的實際情況制定了節能降耗指標考核細則。該細則明確將供熱採暖季的熱耗、電耗、水耗等關鍵指標納入考評體系，著眼於實現更深層次的節能減排。同時制定《節能考評管理制度》，將節能成果與員工個人績效緊密聯繫起來。在考核實施上結合生產現場的真實情況，採取指標考核、參數考核和缺陷管理等多角度評估，並通過積分制度的引進，激勵員工主動參與能源監控，及時匯報可能導致能源浪費的各類缺陷。

綠色辦公室實踐

本集團始終秉持「厲行節約，勤儉辦企」的發展理念，不僅滲透於企業文化的塑造，也貫穿於辦公環境的設計與建設中。我們深刻理解綠色辦公對於促進可持續發展的重要性，因此不懈地投入資源，致力於打造一個既舒適又低碳環保的工作場所。本集團制定並實施《辦公場所綠色環保倡議書》和《綠色辦公室指引》，並列明一系列先進的辦公解決方案，包括節能照明、智能化控制、垃圾分類與回收系統、無紙化電子管理等。這些綜合措施不僅有效地減少了能源和水資源的使用，亦在提升員工環保意識方面發揮了積極作用。

UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

We foster the development of green office concepts among new employees from the outset of their careers. As part of the orientation programme, we emphasise the importance of collective efforts to establish a green office environment and mandate the implementation of paperless office practices in daily operations to minimise unnecessary printing and associated paper waste. Additionally, we encourage staff to utilise office stationery and equipment efficiently and to procure refillable pens and rechargeable batteries, thereby enhancing the green recyclability of office products. Notably, Far East (Zhuhai) has introduced a refined inventory management system for office supplies, complete with a detailed registration process, ensuring full traceability for each item's usage. For non-consumable office materials, we advocate for the sharing economy concept, promoting shared use to reduce waste, and have implemented a trade-in programme to tightly control the procurement of new items, adhering to the principle of necessity.

Green office practices have not only optimised the working environment for employees and enhanced their productivity but also established the Group as a benchmark in corporate social responsibility, showcasing our steadfast commitment to environmental protection. This year, the Group has been honoured for the eighth consecutive year with the "Green Office 5+" and "Eco-Healthy Workspace" by the World Green Organisation, recognising our relentless efforts and significant achievements in implementing green office concepts.

In terms of resource conservation, we have implemented several key initiatives designed to promote sustainability within our operations. These include requiring all employees to adhere to the "lights out when people leave" principle. Specifically, designated personnel are responsible for centrally controlling the power supply for office air conditioning and lighting equipment. For instance, air conditioning systems are set to 25°C during the summer months to optimise energy efficiency and reduce emissions, thereby eliminating instances of equipment being left as "long operation". Moreover, we are dedicated to reducing standby power consumption of office equipment such as computers and printers. To achieve this, we ensure that all devices are powered down before employees leave for the day and strictly enforce a policy against any equipment remaining in operation after working hours. This year, the Company was awarded the "Hong Kong Green Organisation Certification – Good Level Energywise Certificate" by the Hong Kong Environmental Campaign Committee, which underscores our outstanding performance in energy saving efforts. We also actively encourage water conservation by advising employees to avoid excessive water usage and to promptly report any malfunctions in water-related equipment. Additionally, in the staff canteen, we have installed clear signage to remind everyone to minimise food waste, reinforcing our commitment to sustainable practices throughout the organisation.

我們倡導從新員工入職開始就培養其綠色辦公理念。在入職培訓中強調共同建設綠色辦公室的重要性，要求在辦公過程中推行無紙化辦公模式，減少不必要的打印所造成的紙張浪費。我們亦鼓勵員工高效使用辦公文具及設備，購入可替換筆芯、可充電電池，以提升辦公產品的綠色循環水平。其中，遠東珠海對辦公文具實行精細化管理策略，執行詳盡的領用登記流程，確保每一件文具的使用都能追溯到位。對於非消耗性辦公用品，我們推崇共享經濟理念，鼓勵員工共用以減少浪費，並實施以舊換新計劃，嚴格控制新品採購，遵循必要性原則。

綠色辦公實不僅優化了僱員們的工作環境，提升工作效率，更在企業社會責任方面樹立了行業典範，展現了我們對環境保護的堅定承諾。本年度，本集團連續八年獲頒世界綠色組織「綠色辦公室5+」及「健康工作間」標誌，我們在實踐綠色辦公理念方面做出的不懈努力及成效得到肯定。

在資源節約方面，我們要求所有員工實行人離燈熄制度，安排人員對辦公室的空調、照明等設備的電源進行集中控制，例如夏季將空調設置於25°C，以實現節能減排，同時杜絕設備「長明」現象；同時，盡量降低辦公設備如電腦、複印機的待機功耗，規定下班前必須關閉所有設備電源，並且嚴禁任何設備在員工離開後繼續運行。本年度，本公司榮獲由香港環境運動委員會頒發的「香港綠色機構認證－良好級別節能證書」，彰顯出我們在節能方面的良好表現。我們亦要求員工節約水資源，避免常開水龍頭，以及及時反映用水設備損壞情況。在員工餐廳，我們亦張貼標識，提醒員工杜絕糧食浪費。

UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

Low-Carbon Environmental Activities

The Group has taken steady steps in promoting green and low-carbon environmental practices. Our goal is to empower every employee to become an advocate and practitioner for environmental protection. During the year, we organised a variety of low-carbon environmental activities for our staff. These initiatives not only enriched their cultural life but also subtly cultivated their environmentally friendly habits, encouraging them to actively take on environmental responsibilities in their daily work and lives.

低碳環保活動

本集團在推動了綠色低碳和環保實踐中邁出了穩健的步伐。我們的目標是讓每位員工都能成為環境保護的倡導者和實踐者。本年度，我們為僱員舉辦了一系列多樣化的低碳環保活動。這些活動不僅豐富了僱員的文化生活，更在潛移默化中培養了他們的環保習慣，鼓勵他們在日常工作和生活中主動承擔起環境保護的責任。

Green Walks on Qingming Festival

清明節「環保踏青公益行」

To foster employees' environmental awareness and integrate the Group's green and low-carbon environmental spirit into daily life, Far East (Hong Kong) launched a series of "Green Walk Activities" this year. These activities were typically held in picturesque natural settings, allowing employees to enjoy the beauty of nature while directly experiencing the urgency of environmental protection.

為了培育員工的環保意識，並將本集團的綠色低碳環保精神落實到日常生活中，遠東香港聯誼分會在本年度展開了一系列的「環保踏青公益行」活動。這些活動通常選在風景秀麗的自然環境中進行，讓員工在享受大自然的美的同時，也能夠身臨其境地感受到保護環境的迫切性。

In each of these activities, we have included environmental education sessions, such as green volunteering, to enhance our employees' understanding of ecological protection. In addition, employees also participated in activities such as mountain cleaning and tree planting to contribute to the improvement of the ecological environment through their own efforts.

在每次的踏青活動中，我們都會穿插環保教育環節，例如環保志願服務實踐等，以此增強員工對生態保護的認識。此外，員工們還會參與清潔山野、植樹造林等實際操作，通過自己的努力，為改善生態環境做出貢獻。

Far East (Hong Kong) Organised "Barter For Environmental Conservation" Recycling Activities and Seminars on Environmental Protection

遠東香港舉辦「以物換物」環保回收活動及環保講座

To actively promote the environmental conservation concepts of waste recycling and reuse, and to rigorously reduce resource waste, Far East (Hong Kong) organised a series of environmental activities in May 2024. During the period, Far East (Hong Kong) specially arranged for prominent third-party recyclers to visit our office locations, launched the "Barter for Environmental Conservation – Recycling Initiative" aimed at enhancing employees' participation in environmental efforts through tangible actions.

為了積極推動廢物回收與再利用的環保理念，並著力減少資源浪費，2024年5月遠東香港精心組織了一系列環保活動。在此期間，遠東香港專門安排了知名的第三方回收商來到我們的辦公地點，推出了「以物換物－環保回收活動」，旨在通過實際行動提升員工的環保參與度。

Simultaneously, Far East (Hong Kong) arranged several environmental seminars to deepen employees' understanding of waste classification and recycling processes. These sessions served to strengthen their awareness of waste reduction and environmental stewardship, enabling them to collectively take greater responsibility for preserving our environment.

同時，為加深員工對垃圾分類及回收處理的了解，遠東香港精心安排了環保講座，進一步增強他們對減廢和環保工作的認知，從而共同為我們的環境負起更多責任。

UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

METRICS AND TARGETS

The Group has set a clear target to reduce carbon intensity (total Scope 1 and Scope 2 emissions per HK\$ million revenue) by 25% by 2026 compared to 2021 levels. In alignment with the goals set by the national government and the Hong Kong SAR, we are committed to achieving carbon neutrality in Hong Kong by 2050 and in Chinese Mainland by 2060.

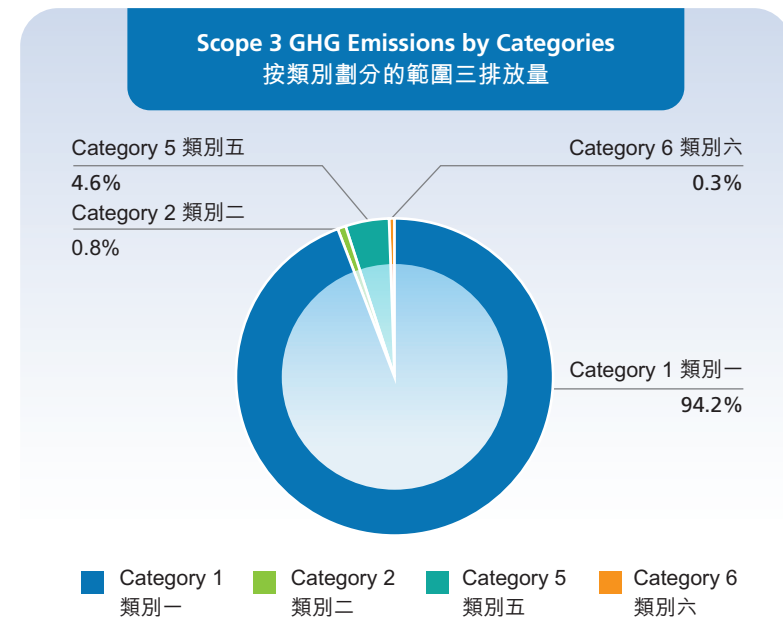
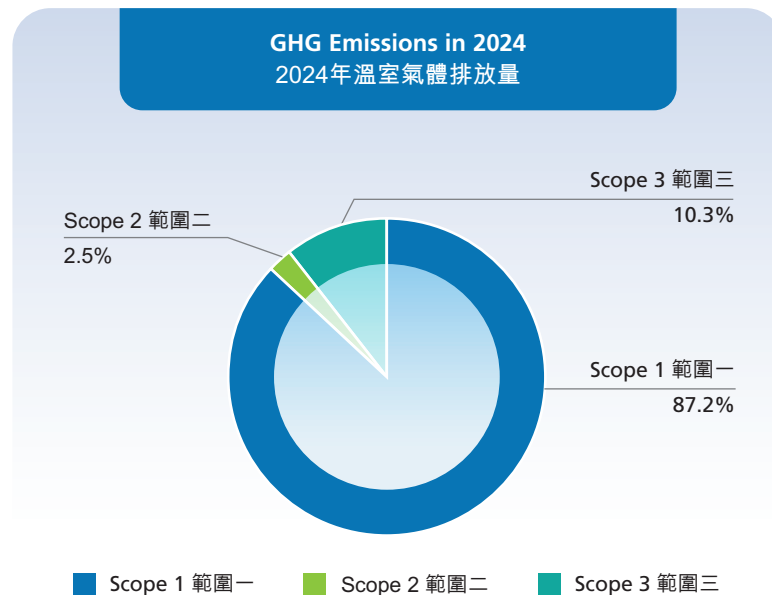
Additionally, to further implement our parent company's sustainability strategic planning, the Group will gradually refine the ESG evaluation mechanisms, ensuring alignment between business operations and sustainability goals. We will establish a comprehensive and reasonable ESG indicator system and incorporate it into performance assessments, encompassing environmental protection, social responsibility, and corporate governance.

指標和目標

本集團已明確設定目標，在2026年前將碳排放強度（每港幣百萬元營業額的範圍一及二總排放量）較2021年降低25%。為響應國家和香港特區政府的目標，我們致力於在2050年及2060年分別實現在香港與中國內地的碳中和。

此外，為了深入貫徹上級公司的可持續發展戰略規劃，本集團未來將逐步完善ESG考核機制，確保業務運營與可持續發展目標的一致性。我們將建立一套科學合理的ESG指標體系，並將其融入績效考核中，涵蓋環境保護、社會責任和公司治理。

GHG Emissions 溫室氣體排放量



UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

WATER AND EFFLUENTS

In the operation of the Group, the water we use is sourced from the municipal water supply system, and we have encountered no difficulties in securing water supplies. We strictly adhere to relevant laws and regulations in each operational region and have developed a comprehensive water resource management framework based on these legal requirements. Our efforts are focused on strengthening water resource management and ensuring responsible stewardship of this vital resource.

We have clearly outlined water resource management requirements in our *Environmental Policy*, mandating that all subsidiaries adopt water-saving measures and recycling systems where feasible. Regular inspections and maintenance of water supply systems and pipelines are conducted to prevent leaks and minimise unnecessary waste of water resources.

WATER EFFICIENCY AND MANAGEMENT

As a major source of water consumption within our Group, Huanggu Thermoelectricity has actively invested resources in researching technologies to improve water resource efficiency and has achieved commendable results. During the year, Huanggu Thermoelectricity formulated the *Huanggu Heat Power Plant Comprehensive Industrial Water Recycling Renovation Plan*, which is expected to save approximately 18,000 tonnes of industrial water during the heating season. To further reduce industrial water consumption, Huanggu Thermoelectricity places strong emphasis on the use of recirculated water for equipment cooling, ensuring the cyclical reuse of coolant sources and minimising industrial water usage at its source.

Moreover, Huanggu Thermoelectricity completed Phase One of its secondary reclaimed water renovation project within the plant and implemented comprehensive upgrades to its steam-based heating system during the 2024 heating season. These efforts have enabled the transition to recirculated water heating while recovering additional heat and desalted water, resulting in a reduction of steam-water loss rates compared to 2023 by 0.65%. Notably, during the January-to-March heating period, the steam-water loss rate reached 0.25%, aligning with industry-leading standards. Huanggu Thermoelectricity is currently implementing a comprehensive water-saving system plan, which includes both facility upgrades and ongoing maintenance of its desulphurisation and filtration units to minimise flue gas carryover of water. The company will continue to monitor and optimise user water practices, focusing on balancing secondary pipe network systems and strictly managing and reducing user drainage volumes.

Other subsidiaries also pay attention to water resource efficiency during operations. Among them, Far East (Zhuhai) has increased the frequency of inspections of pipelines and facilities in the factory area, closely monitors water meters, strictly prevents leaks, drips, and spills, thereby eliminating the "constant running tap" phenomenon.

水與廢水

在本集團的業務營運過程中，我們所使用的水源來自市政供水系統，在取水方面並未遇到任何困難。我們嚴格遵守各運營地區的相關法律法規，並以此為依據構建了完善的水資源管理體系，致力於強化水資源管理工作。

我們於《環境政策》中清楚列明了水資源管理要求，規定所有附屬公司在可行的情況下採用節約用水及循環用水的措施和設備，並定期對供水系統及管網進行檢查與維護，避免滲漏情況導致的水資源浪費。

水資源效益及管理

作為本集團的主要耗水量來源，皇姑熱電積極投入資源研究減少提升水資源效益的技術，並已取得出色的成果。本年度，皇姑熱電制定《皇姑熱電總廠綜合利用工業用水改造方案》，預計通過改造可在供熱採暖季節約1.8萬噸的工業用水。為進一步降低工業用水消耗，公司強調設備冷卻等層面的水源使用應以循環水為主，確保冷卻水水源的循環與重覆利用，從源頭減少工業水消耗。

皇姑熱電已於本年度完成廠內一期工業水的二次中水改造，並於2024年供熱採暖季對廠內汽暖實施了全方位改造，現已實現循環水供暖，並進一步回收供熱量和除鹽水量，使得汽水損失率較2023年降低了0.65%。其中，1月至3月供暖期汽水損失率為0.25%，已達行業標杆。此外，皇姑熱電正在實施完善的節水系統計劃，除對廠內設備進行改造外，還將持續做好脫硫除污器的檢修工作，最大程度的減少煙氣帶水，並將持續關注用戶的用水實踐，將做好二次網平衡工作，嚴格監察並降低用戶排水量。

本集團其他附屬公司亦關注業務營運過程中的水資源效益表現。其中，遠東珠海通過增加廠區管道及設施的檢查頻次，密切監控水錶，嚴格防範跑冒滴漏，杜絕「長流水」現象。

UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

WASTEWATER DISCHARGE MANAGEMENT

In terms of wastewater discharge, the Group strictly complies with relevant laws and regulations, including but not limited to the *Measures for Pollutant Discharge Permitting Administration* and the *Water Pollution Prevention and Control Law of the People's Republic of China* issued by the Ministry of Ecology and Environment, the *National Integrated Wastewater Discharge Standard* and the *Integrated Wastewater Discharge Standard of Liaoning Province*. As the main water-consuming subsidiary within the Group, Huanggu Thermoelectricity strictly controls its wastewater discharge processes and clearly outlines relevant wastewater treatment matters in its *Environmental Protection Management Measures*. The Company established clear management systems for wastewater treatment, channelling desulfurised wastewater, production wastewater, and domestic wastewater into a centralised discharge point. It is transported via municipal pipelines to a third-party wastewater treatment plant for proper processing. Additionally, wastewater containing chemicals and oil contaminants will undergo thorough treatment before being discharged or reused.

Huanggu Thermoelectricity will continue to invest resources in actively modifying the boiler water recovery system and promoting the recycling of reverse osmosis concentrate. It is anticipated that over one heating season, approximately 10,000 tonnes of boiler blowdown water and 20,000 tonnes of concentrate can be recycled, concurrently reducing equivalent amounts of wastewater discharge.

POLLUTANT AND EMISSIONS MANAGEMENT

With the continuous enhancement of national environmental protection and emission reduction targets, the responsibilities of the construction industry in pollution prevention and ecological conservation have become increasingly significant. Pollution prevention and control are crucial to the Group's sustainable development. We adhere to all relevant laws and regulations throughout our business operations, including but not limited to the *Law of the People's Republic of China on Prevention and Control of Pollution From Environmental Noise* and the *Air Pollution Control Ordinance*. The operational location of Huanggu Thermoelectricity, Shenyang, was previously designated as an important clean heating pilot city in northern China. According to the *14th Five-Year Plan for Urban Residential Heating Supply of Shenyang*, the clean heating rate shall increase from the current 38% to 100% by 2025. Coal-fired heating boilers of 100 tonnes or above must complete ultra-low emission retrofits for sulphur dioxide and nitrogen oxides by 2025. In response to regional targets, Huanggu Thermoelectricity has completed the ultra-low emission optimisations for denitrification and desulfurisation on two boilers in Phase Three by 2024. During the reporting period, the nitrogen oxide, sulphur dioxide, and particulate matter emissions from all boilers of the Group were significantly below the ultra-low emission thresholds, specifically below 50mg/m³, 35mg/m³, and 10mg/m³, respectively.

污水排放管理

在污水排放方面，本集團嚴格遵守生態環境部發佈的《排污許可管理辦法》、《中華人民共和國水污染防治法》、國家《污水綜合排放標準》(GB8978-19963)和《遼寧省污水綜合排放標準》(DB21 1627-2008)等一系列法律法規。皇姑熱電作為本集團主要用水單位，嚴格控制污水排放程序，並於其《生態環境保護管理辦法》中清楚列明廢水處理相關事宜，明確廢水處理設施的管理制度，將脫硫廢水、生產廢水和生活廢水匯入總排水口，並經由市政管網聯通第三方污水處理廠進行規範處理。此外，含有化學物質和油污的廢水已在進行充分的處理後進行排放或回用。

皇姑熱電將持續投入資源，積極對鍋爐排水回收進行改造，並推動反滲透濃水的回收利用，預計一個供熱採暖季可回收利用約1萬噸鍋爐排污水和2萬噸濃水，同時減少等量的污水排放量。

污染物和排放物管理

隨著國家對環保減排目標的不斷提升，建築行業在污染防治和生態保護方面的責任愈發重大。污染防治對本集團可持續發展至關重要。我們在業務發展過程中恪守所有相關法律法規，包括但不限於《中華人民共和國環境噪聲污染防治法》、《空氣污染管制條例》等。本集團附屬公司皇姑熱電所處的運營地—瀋陽，於早前被列為北方地區重要清潔取暖試點城市。根據《瀋陽市「十四五」城市民用供熱規劃》，到2025年，清潔取暖率將從目前的38%提升至100%。100噸及以上燃煤供熱鍋爐需在2025年前完成煙氣二氧化硫和氮氧化物的超低排放改造。為響應地區目標，皇姑熱電已於2024年完成三期2台鍋爐脫硝、脫硫超低排放改造實踐。於報告期內，本集團全部鍋爐的氮氧化物、二氧化硫和顆粒物排放水平遠低於超低排放限值，分別低於每立方米50毫克、每立方米35毫克及每立方米10毫克。

UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

During the reporting period, the Group did not identify any cases of violations related to pollutant emissions regulations.

於報告期內，本集團並未發現違反污染物排放相關法律法規的案例。

In addition to managing air pollutants, we also place great emphasis on noise pollution arising from our business operations and its effects on the communities and the environment. We adhere to national and local regulations, endeavouring to ensure that noise emissions comply with applicable environmental noise standards. Furthermore, we regularly engage with qualified third-party organisations to monitor and assess noise pollution levels.

除大氣污染物排放管理之外，我們亦關注業務發展過程中對周遭社區及環境所造成的噪音污染。我們參考國家和地方規定，竭力確保噪聲排放應符合有關環境噪聲排放標準，並定期與有資質單位合作進行噪音污染監測。

WASTE MANAGEMENT

The Group fully recognises that waste management is one of the key elements of corporate sustainability. We strictly adhere to all relevant laws and regulations, including the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes*, the Hong Kong Special Administrative Region Government's *Wastes Disposal Ordinance*, and applicable legal requirements in other countries and regions where we operate.

廢棄物管理

本集團深知廢棄物管理是實現企業可持續發展的核心要素之一。我們嚴格遵守所有相關的法律法規，如《中華人民共和國固體廢物污染環境防治法》和香港特區政府的《廢物處置條例》以及其他營運國家和地區的適用法律法規。

Throughout our business development, we consistently implement effective waste management practices. To this end, our subsidiaries have established tailored management systems based on their specific operational needs and in compliance with applicable laws and regulations. Examples include the *Huanggu Thermoelectricity Solid Waste Management Measures*, the *Far East (Hong Kong) Environmental Policy*, the *Far East (Shanghai) Dangerous Waste Management System*, and the *China Overseas Supervision Waste Management Procedures*. These measures aim to minimise environmental impacts without compromising product and service quality.

在業務發展的過程中，我們始終堅持採取行之有效的廢棄物管理措施。為此，本集團附屬公司均以不同業務需求為基礎，參考所有適用的法律法規，訂立相關管理制度，如《瀋陽皇姑熱電有限公司固體廢物管理辦法》、《遠東香港環境政策》、《遠東上海危險廢物管理制度》、《中海監理廢棄物管理程序》等，力求在不影響產品和服務品質的情況下，最大限度地減少對環境的負面影響。

This year, the Company was awarded the "Hong Kong Green Organisation Certification – Good Level Energywise Certificate" by the Hong Kong Environmental Campaign Committee, which underscores our outstanding performance in waste reduction efforts.

本年度，本公司榮獲由香港環境運動委員會頒發的「香港綠色機構認證—良好級別減廢證書」，彰顯出我們在減廢方面的良好表現。

UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

The waste generated by the Group is mainly categorised into the following two types:

本集團的廢棄物主要分為以下兩類：

Non-hazardous Waste 無害廢棄物	Hazardous Waste 有害廢棄物
- Construction waste generated from facade contracting engineering projects 幕牆工程業務的生產廢料 - Fly ash, slag, and desulphurised gypsum produced by Huanggu Thermoelectricity under the investing and operating business 皇姑熱電生產過程中產生的粉煤灰、爐渣、脫硫石膏等 - Other waste generated during the production process, general office waste, and domestic waste are included 其他日常辦公活動和員工住宿所產生的廢棄物，如廢紙等	- Electronic products, waste lamps, waste batteries, waste cartridges, and used oil resulting from both production and office processes 生產及辦公過程中產生的廢棄電子產品、廢燈管、廢電池、廢墨盒、廢機油等有害廢棄物 - Waste vanadium-titanium-based catalysts produced by the flue gas denitrification system at Huanggu Thermoelectricity 皇姑熱電脫硝系統產生的廢鈦系催化劑 - Chemical waste generated from façade contracting engineering projects 幕牆工程業務中產生的化學廢物

NON-HAZARDOUS WASTE MANAGEMENT

The Group steadfastly adhering to relevant national laws and regulations. We categorical refined management of non-hazardous waste from the procurement process, focusing on environmental protection by selecting materials and services with eco-certifications wherever possible. This approach shortens the waste treatment chain, enabling the circular use and efficient recycling of materials. At facade contracting sites, we precisely classify and store construction waste such as wood, metal, and plastic, and convert these wastes into usable resources when conditions allow. For instance, Far East (Zhuhai) innovatively repurposes workshop scraps into office furniture such as shelves and storage cabinets, minimising end disposal of waste and showcasing our innovative spirit and professional capability in waste management. Waste that cannot be reused, such as metals, will be entrusted to third-party organizations with national certification qualifications for recycling treatment.

We have also established categorised recycling bins to encourage employees to sort their waste.

無害廢棄物管理

本集團嚴格遵守國家相關法律法規，並從源頭的採購流程開始對無害廢棄物進行分類管理。在採購環節，我們著眼於環保，盡可能選擇具有環保認證的業務用材料或服務，從而縮短廢棄物處理的鏈條，實現材料的循環利用與高效回收。在幕牆施工現場，我們對建築廢物如木料、金屬和塑料等進行精準分類與妥善存放，並在條件允許的情況下將這些廢物轉化為可用資源。例如，遠東珠海將車間廢料創新性地用於製作辦公室內的置物架、儲物櫃等家具，最大限度地減少了廢棄物的末端處置，展現了我們在廢棄物管理上的創新精神與專業能力。而未能進行重用的廢棄物如金屬等，將委託具備國家認證資質的第三方機構進行再生處理。

我們亦設立分類回收垃圾桶，鼓勵員工進行垃圾分類。

UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

During the production process at Huanggu Thermoelectricity, a considerable amount of fly ash and boiler slag may be generated. By employing enclosed ash silos, slag warehouses, and dedicated desulfurisation by-product storage facilities for centralised collection and safe storage temporarily, we ensure that the handling of these solid wastes meets environmental and safety standards. We also implement strict daily supervision over the generation, transportation, and disposal of solid wastes. When entrusting third parties with solid waste disposal, we conduct a rigorous review of their qualifications and technical capabilities, establishing a stringent waste treatment and account management system in accordance with relevant laws and regulations. We meticulously record relevant data and specify detailed requirements for pollution prevention, ensuring the legality and standardisation of the entire waste treatment process. In the utilisation of solid waste, we strictly comply with the *National Catalogue of Industrial Solid Waste Comprehensive Resource Utilisation Products* and other relevant requirements. Furthermore, Huanggu Thermoelectricity is conducting in-depth research on specific disposal methods for desulfurisation by-products, striving to reduce the terminal disposal process by adopting partial recovery and in-furnace reburning methods.

China Overseas Supervision has also strictly stipulated the management procedures for waste identification and recycling within its *Waste Management Procedure*. Additionally, waste collection containers have been installed in office and project areas, targeted training has been provided for waste management personnel, and "5S" management practices have been implemented at waste storage locations.

HAZARDOUS WASTE MANAGEMENT

The Group fully recognises the environmental challenges posed by hazardous waste generated during our business operations. To address this, we have implemented a comprehensive management system and established hazardous waste management guidelines within all Subsidiary, including but not limited to the *Regulations on Hazardous Waste Management* and the *Responsibilities for Temporary Storage of Hazardous Waste* adopted by Far East (Shanghai). We require all hazardous waste to be properly stored in designated areas with appropriate preventive measures in place and subsequently handled by qualified professional third-party contractors. The temporary storage zones for hazardous waste must be equipped with sufficient fire extinguishers and safety protective equipment. Personnel managing these zones must undergo regular training and emergency drills before they are permitted to manage the area. Our subsidiaries also regularly report on safety and environmental management work, outlining specific measures related to waste disposal, and actively conduct training sessions on hazardous waste management.

皇姑熱電的生產過程中可能會產生大量的粉煤灰、爐渣等廢物。通過採用封閉式灰庫、渣倉以及專設的脫硫副產物儲存設施進行集中收集與安全暫存，我們得以確保這些固體廢物的處理過程達到環保和安全的標準。我們亦對固體廢物的產生、運輸、處置等環節實施嚴格的日常監管。在委托第三方進行固體廢物的處置過程中，我們對其資質與技術實力進行嚴格的審核，並根據相關法律法規與合作夥伴建立嚴格的廢物處理及台賬管理體系，詳盡記錄相關數據，及詳細規定污染防治的具體要求，以此確保整個廢物處理過程的合法性與規範性。在固體廢物利用方面，我們均嚴格遵守《國家工業固體廢物資源綜合利用產品目錄》等相關要求。此外，針對脫硫副產物的具體處置方法，皇姑熱電也在進行深層次的研究，致力於採取部分回收爐內再燃燒耗的方式減少脫硫副產物的終端處置流程。

中海監理亦於《廢棄物管理程序》中嚴格規定廢棄物辨識與回收的管理程序。除在辦公和項目區域設立廢棄物收集容器，亦為廢棄物管理責任人提供針對性培訓，並在廢棄物存放場所進行「5S」管理工作。

有害廢棄物管理

本集團深知在業務營運過程中產生的有害廢棄物給環境帶來的挑戰。因此，我們採取了一整套完善的管理體系，並於各附屬公司內部設立危險廢棄物管理方針，例如遠東上海制定的《危險廢物管理制度》和《危險廢物暫存管理職責》。我們要求所有危險廢棄物都必須妥善暫存在指定區域，並且設立相應的防治措施，最後經由有資質的專業第三方廠商進行回收處理。危險廢棄物暫存區域必須配備足量的滅火器和安全防護裝備，暫存區管理人員必須經過定期培訓和應急演練後方可進行管理。本集團附屬公司亦定期進行安全環保管理工作匯報，明確廢棄物處理相關事宜與具體措施，並積極開展危險廢物處理相關培訓。

UNDERTAKING LOW-CARBON ENVIRONMENTAL STEWARDSHIP 承擔低碳環保之任

During its operations, Huanggu Thermoelectricity may generate hazardous waste. We have taken several measures to minimise the consumption of vanadium-titanium-based catalysts used in the flue gas denitration process and reduce the environmental impact. These include installing sealing plates to prevent gas leakage, cleaning reactors and catalyst layers to avoid contamination, regularly inspecting protective meshes to prevent catalyst wear, and controlling ammonia injection and catalyst temperatures during shutdown periods to prevent ammonium salt formation and catalyst deactivation.

During the reporting period, the Group did not identify any incidents of non-compliance with waste-related laws and regulations.

皇姑熱電在業務運作過程中可能會產生危險廢棄物。為減少煙氣脫硝過程中產生的廢鈦系催化劑消耗及其對環境造成的危害，我們通過安裝密封板防止煙氣泄漏，清潔反應器和催化劑層以避免污染，定期檢查防護網防止催化劑磨損，以及在停運期間控制氨噴射和催化劑溫度等措施，避免銨鹽形成和催化劑失效。

於報告期內，本集團並沒有發現任何違反廢棄物相關法律法規的事件。

Far East (Zhuhai) carried out environmental management work throughout the year, reviewed and improved environmental management measures and outcomes. Regarding solid waste from production workshops, Far East (Zhuhai) temporarily stored it in hazardous waste warehouses according to the situation and transfers it to third parties for processing. 遠東珠海於本年度持續開展環保管理工作，通過定期匯報與檢討完善環保方面的管理措施與成效。針對生產車間固體廢物，遠東珠海視情況將其暫存至危廢倉庫，並轉移到第三方進行處理。

Huanggu Thermoelectricity organised multiple hazardous waste environmental risk prevention training sessions during the year, aiming to enhance employees' professionalism in handling hazardous waste.

皇姑熱電於年內多次舉辦危險廢物環境風險防範學習培訓，旨在強化員工對危險廢棄物處理的專業程度。

BIODIVERSITY PROTECTION

The construction industry is not merely the backbone of urban development but also an integral component of the natural environment. From actively embracing the concepts of green, low-carbon, and circular development to optimising industrial structures and energy usage, and minimising adverse effects on the ecological environment, the Group is steadily integrating environmental protection into our sustainable development strategy. We established the Ecological and Environmental Protection Leading Group and Project Management Department to oversee the environmental-related issues. Huanggu Thermoelectricity established an ecological protection special fund, actively evaluate the potential environmental hazards stemming from business operations, promptly pay compliant environmental taxes, and ensure the operations coexist harmoniously with ecological safety.

生物多樣性保護

建築行業不僅是城市發展的骨架，也是自然環境的重要組成部分。從積極踐行綠色低碳循環發展理念，到優化產業結構和能源使用，再到減少對生態環境的負面影響，本集團正逐步將生態環境保護融入我們的可持續發展戰略中。我們成立了生態與環境保護領導小組及專案管理部，對環境相關問題進行監督。其中，皇姑熱電通過設立生態保護專項基金，積極評估業務營運對周圍生態環境的潛在危害，及時繳納合規環保稅費，確保經營活動與生態安全和諧共存。

UNSDGs covered in this chapter:
本章節所涉及的UNSDGs：



Material Issues:
重要性議題：

- Labour rights 僱傭權益
- Employee retention 保留人才
- OHS 職安健
- Diversity and equal opportunity 多元平等與包容
- Employee training and development 員工培訓與發展
- Prevention of child labour and forced labour 禁止童工和強制勞工
- Labour/management relations 勞資關係

Embracing People-Oriented Principles 貫徹以人為本之理



EMBRACING PEOPLE-ORIENTED PRINCIPLES 貫徹以人為本之理

INCLUSIVE WORKPLACE RESOURCES MANAGEMENT APPROACH

Employees are the core foundation of the Group's success, and their dedicated contributions are assets we take pride in. Guided by international conventions such as the United Nations' Universal Declaration of Human Rights, Global Compact, and Sustainable Development Goals, we strictly comply with employment, labour standards, human rights and welfare-related laws and regulations in our operating regions. In terms of policy framework, the Group has established an inclusive and equal corporate culture through formulating important policy documents including the *Human Rights Policy*, *Sustainability Policy* and *Employee Handbook*.

In terms of management structure design, the Group has established a Sustainability Committee responsible for reviewing and supervising the implementation of various policies. We ensure effective implementation through a management model that balances Group coordination with subsidiary collaboration. Our subsidiaries have established management systems tailored to their characteristics: Far East (Hong Kong) adopts a management system centred on the *Employee Handbook*; Far East (Zhuhai) has established the *Employee Handbook*, *Employee Annual Leave Management Measures*, *Performance Management Measures* and *Personnel Changes Management Measures*; Far East (Shanghai), in addition to the *Employee Handbook*, has established the *Human Resources Management System* and implements the *Employee Performance Appraisal Management Measures (Trial)*. Furthermore, Gamma USA and Gamma Canada have specifically formulated the *Vacation Policy*; China Overseas Supervision has established the *Employee Handbook* and *Human Resources Management System*; Huanggu Thermoelectricity has established a more comprehensive management system, including the *Employee Handbook*, *Human Resources and Recruitment System*, *Human Resources Management System*, *Employee Appeals Management Measures (Trial)*, *Employee Leave and Attendance Management Measures (Trial)* and *Management Measures for Middle-level Position Qualification Requirements (Trial)*. To ensure continuous improvement of the management system, the Sustainability Committee regularly reviews and revises relevant policies based on factors such as business changes, regulatory requirements, stakeholder engagement results and the effectiveness of environmental, social and governance measures.

多元共融職場 人力資源管理方針

員工是本集團賴以成功的核心，他們的辛勤付出與寶貴貢獻是我們引以為傲的資產。我們以聯合國《世界人權宣言》、《全球契約》、《可持續發展目標》等國際公約為指導，嚴格遵守營運所在地區有關僱傭、勞工標準、人權及福利待遇的法律法規。在政策體系方面，本集團通過制定《*人權政策*》、《*可持續發展政策*》及《*員工手冊*》等重要制度文件，構建共融平等的企業文化。

在管理架構設計上，本集團成立可持續發展委員會，負責檢查及監督各項政策的實施。我們通過建立集團統籌、附屬公司協同的管理模式，確保政策得到有效落實。各附屬公司建立了符合自身特點的管理制度體系：遠東香港採用以《*員工手冊*》為核心的管理體系；遠東珠海設有《*員工手冊*》、《*員工休假與考勤管理辦法*》、《*績效管理措施*》和《*人事變動管理措施*》；除了《*員工手冊*》，遠東上海還建立了《*人力資源管理制度*》，並實行《*員工績效考核管理辦法（試行）*》。除此之外，遠東美國和遠東加拿大特別制定了《*休假政策*》；中海監理建有《*員工手冊*》和《*人力資源管理制度*》；皇姑熱電則建立了較為全面的管理体系，包括《*員工手冊*》、《*人力資源招聘制度*》、《*人力資源管理制度*》、《*員工申訴管理辦法（試行）*》、《*員工休假與考勤管理辦法（試行）*》以及《*中層職位任職資格管理辦法（試行）*》等多項辦法。為確保管理体系的持續改進，可持續發展委員會根據業務變化、監管要求、持份者參與結果和環境社會管治措施成效等因素，定期對相關政策進行檢討和修訂。

EMBRACING PEOPLE-ORIENTED PRINCIPLES 貫徹以人為本之理

HUMAN RESOURCES MANAGEMENT SYSTEM

The Group has established a comprehensive human resources management system covering recruitment and promotion, remuneration incentives, human rights protection and other aspects, whilst actively promoting work-life balance. Through systematic talent management policies, we create a positive career development platform for employees, achieving mutual growth between the enterprise and its staff. We signed the “Good Employer Charter” launched by the Hong Kong Labour Department, committing to adopting employee-oriented good human resource management practices.

• Recruitment and Promotion Management

The Group adheres to the principle of equal opportunity, establishing fair and just talent recruitment and promotion systems. Talent selection is evaluated based on diverse criteria, including work capabilities, professional skills, qualifications, work experience, years of service and other professional elements, without discrimination based on gender, age, cultural background, race, nationality, religion, socioeconomic status, family background or other factors. We regularly publicise the qualification criteria for all positions and provide fair career development opportunities through an open selection mechanism. The Company signed the “Racial Diversity & Inclusion Charter for Employers” launched by the Equal Opportunities Commission of Hong Kong, committing to promote a racially diverse workplace. Among them, Far East (Hong Kong) was awarded the “Excellence in Business Certificate” by The Hong Kong General Chamber of Small & Medium Business, which recognises our organization’s significant achievements in promoting equal employment policies and building an inclusive work environment.

• Human Rights Protection

The Group adopts a zero-tolerance policy towards any harassment, with disciplinary action taken once verified and immediate dismissal for serious cases. We strictly prohibit employees from discriminating on social media based on race, age, gender, nationality, ethnicity, disability, religion or other legally protected personal characteristics. Violators will face disciplinary action, with dismissal for serious cases. The Group has established the [Human Rights Policy](#), which includes preventing and remedying child labour and forced labour, prohibiting abuse and discrimination, protecting freedom of association, and ensuring compliance with labour standards.

人力資源管理體系

本集團建立了完善的人力資源管理體系，涵蓋招聘晉升、薪酬激勵、人權保障等多個層面，並積極推動工作與生活的平衡。通過系統化的人才管理政策，我們為員工創造良好的職業發展平台，實現企業與員工的共同成長。我們簽署了由香港勞工處推出的《好僱主約章》，承諾採納以僱員為本的良好人事管理措施。

• 招聘與晉升管理

本集團奉行平等機會原則，建立公平、公正的人才招聘與晉升制度。人才遴選將依據多元化指標進行評估，包括工作能力、專業技能、資格證書、工作經驗、服務年資等專業要素，不因性別、年齡、文化背景、種族、國籍、宗教信仰、社經地位、家庭背景等因素而有所歧視。我們定期公開各職位任職標準，並透過公開選才機制，為員工提供公平的職業發展機會。本公司簽署了由香港平等機會委員會推出的《種族多元共融僱主約章》，承諾推動種族多元工作間。其中，遠東香港榮獲香港中小型企業聯合會頒發的「卓越企業嘉許狀」，此殊榮旨在表彰本機構在推動平等僱傭政策及構建包容性職場環境方面所取得的顯著成效。

• 人權保障

本集團對任何騷擾行為採取零容忍政策，一旦查證屬實將進行紀律處分，情節重大者立即解聘。嚴格禁止員工在社群媒體上對種族、年齡、性別、國籍、族裔、身心障礙、宗教信仰或其他受法律保護之個人特質作出歧視行為，違者將受紀律處分，情節重大者予以解聘。本集團已訂定《[人權政策](#)》，包含防範與補救童工及強迫勞動、禁止虐待與歧視、保障結社自由，並確保符合勞動標準。

EMBRACING PEOPLE-ORIENTED PRINCIPLES 貫徹以人為本之理

• Salary System

The Group establishes clear salary structures and adjustment criteria according to the *Employee Handbook*. Salary adjustments primarily consider external economic conditions, market salary levels and company development strategies. New employees undergo salary review upon completion of their probation period; under special circumstances, employees may submit individual salary adjustment applications to the Human Resources Department in writing through their unit supervisors. The Group implements a salary confidentiality system, with employees' salaries and bonuses being confidential. Those who violate the salary confidentiality system or disseminate personal salary information or systems will be dismissed without economic compensation.

• Financial Incentives

To motivate employees to continuously enhance their professional capabilities, the Group has established a comprehensive performance management system comprising four components: goal setting, tracking communication, dynamic assessment and feedback application. Through the annual performance appraisal mechanism, we provide incentive-based salary adjustments for outstanding employees, ensuring reasonable returns for their contributions. Additionally, we specially award year-end bonuses to thank employees for their hard work throughout the year. We also provide benefits such as education subsidies, meal allowances and communication allowances, striving to enhance employees' work experience and quality of life.

• Work-life Balance

Office employees adopt a standard working hour system, whilst project department employees adopt a flexible working hour system. Each employee is required to have at least one day off per week. Gamma Canada has established the *Vacation Policy*, providing standardised and flexible paid leave systems for full-time and part-time employees. We offer paid annual leave, paid sick leave, maternity leave, paternity leave, marriage leave, bereavement leave, birthday leave, and compensatory leave for overtime work.

• Employment Termination

When terminating employment, the Group adheres to legally required dismissal procedures and provides severance compensation as mandated by law.

During the reporting period, the Group had no violations regarding recruitment, dismissal, salary, promotion, working hours, holidays, equal opportunities, diversity and anti-discrimination, nor any instances of child labour or forced labour.

• 薪資制度

本集團依據《員工手冊》制定明確的薪資結構及調整準則。薪資調整主要考慮外在經濟環境、市場薪資水平及公司發展策略。新進員工於試用期滿時將進行轉正薪資審核；如遇特殊情況，員工可經由所屬單位主管以書面方式向人力資源部提出個別調薪申請。本集團實施薪資保密制度，員工之薪資、獎金等皆屬機密範疇。若有違反薪資保密制度或散布個人薪資信息、制度者，將予以解聘，且不予給付經濟補償金。

• 財務激勵

為激勵員工持續提升職業能力，本集團建立了完善的績效管理體系，包括目標設定、跟踪交流、動態考核和反饋應用四個環節。通過年度績效考核機制，我們對表現優異的員工提供激勵性調薪，確保員工的付出得到合理回報。此外，為感謝員工一年的辛勤付出，我們特別頒發年終獎金。同時，我們還為員工提供進修補貼、膳食補貼和通訊補貼等福利，致力於提升員工的工作體驗與生活品質。

• 勞逸平衡

辦公室員工採用標準工時制，項目部門員工則採用彈性工時制。規定每位員工每週至少應有一日休假。遠東加拿大制定了《休假政策》，為全職及兼職員工提供規範化、靈活化的帶薪休假制度。我們為員工提供有薪年假、有薪病假、產假、待產假、婚假、喪假、生日假等，以及為超時工作的員工提供補假。

• 終止聘僱

本集團依循法定解聘程序，並依法給付經濟補償。

報告期內，本集團在招聘、解僱、薪資、晉升、工時、假期、平等機會、多元化及反歧視等方面均未發生違法違規事件，亦無使用童工或強制勞工的情況。

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Campus Recruitment for “Sons of the Sea” of 2025 Officially Launched by CSC Development

The Group has adopted the “Sons of the Sea” campus recruitment brand for its 2025 campus recruitment programme, aiming to nurture strategic talent with development potential.

The “Sons of the Sea” development system, originally established by China Overseas Group and continued by the CSC Development, aims to cultivate these young talents into international professional managers who are versatile, well-rounded, skilled in management and capable of handling challenges through a 4-5 year development period. This development system emphasises both technical skills training and enhancement of international perspectives. Through systematic training and practical opportunities, it helps young talents develop comprehensive qualities and grow rapidly.

This recruitment offers humanistic care-oriented allowances and benefits alongside industry-competitive remuneration packages. These include comprehensive social insurance and housing fund benefits (commonly known as “five social insurance and one housing fund”), performance-based bonuses, and exclusive incentives such as the “Sea Swallow Programme” for overseas personnel and project lifecycle bonuses. Furthermore, the Group has established technology innovation funds to encourage various technological innovations, supporting employee innovation and development.

中國建築興業2025屆『海之子』校園招聘正式啟動

本集團於2025年度校園招聘中使用了「海之子」校招品牌，旨在培養具有發展前景的戰略人才。

「海之子」培養體系是中海集團創立並由本集團沿用的校招品牌，旨在通過4-5年的時間，將這些年輕人才培養成一專多能、素質全面、精於管理和善打硬仗的國際化職業經理人。該培養體系不僅注重技術技能的培養，還強調國際化視野和綜合素質的提升，通過系統化的培訓和實踐機會，幫助年輕人才快速成長。

同時，此次招聘不僅提供了富有人文關懷的各項津貼福利，還包括行業內極具競爭力的薪酬、完善正規的五險一金、以業績為導向的獎金，以及海外人員專享的「海燕計劃」和項目全生命周期的激勵獎金。此外，本集團還設立了鼓勵各種科技創新的科研類基金，以支持員工的創新和發展。

EMBRACING PEOPLE-ORIENTED PRINCIPLES 貫徹以人為本之理

TRAINING AND DEVELOPMENT

The Group upholds the core philosophy that “Talent and Culture are Our Most Invaluable Assets”, dedicating itself to the dual mission of “cultivating talent” and “deploying talent”. We firmly believe that professional education and training of talent is the Group’s primary task, promoting mutual growth between the enterprise and employees through a comprehensive talent development system.

TRAINING MANAGEMENT SYSTEM

To realise our talent development vision, the Group continuously optimises the work environment, striving to create a harmonious and stable career development space for employees. We also actively encourage employees to explore diverse learning and development pathways by providing ample professional training opportunities. At the institutional level, subsidiaries have established comprehensive training management systems, including *Far East (Zhuhai) New Employee Induction Training*, *Huanggu Thermoelectricity New Employee Induction Training*, *Far East (Shanghai) Training Management Measures* and *Far East (Zhuhai) Training Supporting Management Measures*. To ensure effective implementation of training work, each subsidiary submits detailed annual training plans and budgets for regular review and assessment by headquarters.

TALENT TRAINING PRACTICES

The Group is committed to establishing a comprehensive talent development system, providing employees with diverse development opportunities to support their career aspirations whilst promoting sustainable corporate growth.

• Comprehensive Training System

We have constructed a training system encompassing multiple dimensions including corporate culture, quality enhancement, leadership, management skills and career development. We continuously monitor and optimise training effectiveness through diverse assessment tools, including knowledge tests, performance evaluation forms and surveys. In particular, we provide comprehensive induction training programmes for new employees to help them quickly integrate into the corporate culture.

• External Study Support

To support employees’ continuous learning, the Group has established a comprehensive external training sponsorship programme, including expense subsidies and special examination leave arrangements. We also encourage employees to join professional associations with membership fee subsidies provided. For employees who successfully obtain professional qualifications, we offer special annual bonuses as incentives.

培訓和發展

本集團秉持「人才與文化是最寶貴的財富」的核心理念，致力於「育人」和「用人」的雙重使命。我們深信人才的職業教育與培訓是本集團發展的首要任務，通過全方位的人才培養體系，推動企業與員工的共同成長。

培訓管理制度

為實現人才發展願景，本集團持續優化工作環境，致力於為員工營造和諧穩定的職業發展空間，並通過提供充足的發展及職業鍛煉機會，積極鼓勵員工探索多元化的學習及發展途徑。在制度層面，各附屬公司建立了完善的培訓管理制度體系，包括《遠東（珠海）新員工入職培訓》、《皇姑熱電新員工入職培訓》、《遠東（上海）培訓管理辦法》及《遠東（珠海）培訓配套管理辦法》等。為確保培訓工作的有效落實，各附屬公司每年提交詳細的年度培訓計劃及預算，並接受總部的定期審核與評估。

人才培訓實踐

本集團致力於建立完善的人才培育體系，為員工提供多元化的發展機會，支持他們實現職業理想，同時推動企業持續成長。

• 綜合培訓體系

我們構建了涵蓋企業文化、質量提升、領導力、管理技能和職業發展等多個維度的培訓體系，並通過知識測驗、績效評估表和調查表等多元化評估工具，持續監測和優化培訓效果。特別是針對新入職員工，我們提供全面的入職培訓課程，幫助他們迅速融入企業文化。

• 外部進修支持

為支持員工持續進修，本集團設立了完善的外部培訓資助計劃，包括費用補貼及特別考試休假安排。同時，我們也鼓勵員工加入專業學會，並為其提供會費資助。對於成功考取專業資格證書的員工，我們特設年度獎金作為激勵。

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• Online Learning Platform

We have further upgraded our online training platform, providing employees with more flexible self-directed learning pathways to support their learning progress arrangement according to personal development needs.

• Leadership Development Programme

The Group continues to advance the “Sons of the Sea” programme and management trainee projects, focusing on cultivating future leadership talent through diverse development pathways including professional training, team building, volunteer service and internship opportunities.

• Professional and Business Skills Training

We continuously conduct various professional training, including safety production training such as cardiopulmonary resuscitation (CPR) and automated external defibrillator (AED) usage; professional skills training in production efficiency and operations, GH programming language; and comprehensive capability building in operational training including English conversation, site quality management and sustainable development management. Responding to sustainability trends, we have strengthened specialised training in several areas: corporate social responsibility, environmental matters, and construction site waste management. We also continue to conduct mandatory annual anti-corruption courses. These initiatives comprehensively enhance our employees' overall qualities.

Furthermore, we organise various skills competitions, enabling employees to consolidate their technical skills whilst relaxing.

• 網絡學習平台

我們進一步升級了網上培訓平台，為員工提供更靈活的自主學習途徑，支持員工根據個人發展需求自主安排學習進度。

• 領導力發展項目

本集團繼續推進「海之子」計劃及管理培訓生項目，通過專業培訓、團隊建設、義工服務和實習機會等多元化發展途徑，著力培養未來領導力人才。

• 專業與商務技能培訓

我們持續開展多方面的專業培訓，包括急救心肺復蘇法、自動心臟除顫器使用等安全生產方面的培訓；生產效率和操作、GH程式語言等專業技能培訓；以及運營培訓方面的英語口語、地盤質量管理、可持續發展管理等綜合能力建設。同時，因應可持續發展趨勢，我們加強了企業社會責任與環境、工地廢物管理等專項培訓，並持續開展反貪污年度必修課程，全面提升員工綜合素質。

除此之外，我們還組織各項技能比賽，使員工在放鬆身心的同時鞏固了各項技術。

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Far East (Zhuhai) Holds Aluminium Panel Rivet Installation Skills Competition

On the eve of Labour Day 2024, Far East (Zhuhai) organised an aluminium panel rivet installation skills competition. The competition required participants to secure rivets onto aluminium panels within a specified time limit, using designated materials and tools according to spacing requirements. Through this competitive format, technical staff from different departments were able to exchange insights and share process experiences, promoting cross-departmental technical exchange and collaboration.

遠東珠海舉辦倉儲物流鋁板粘釘技能比賽

2024年五一勞動節前夕，遠東珠海舉辦鋁板粘釘技能大賽。此次競賽要求參賽員工在規定時間內，運用指定材料及工具，依據間距要求將釘子固定於鋁板上。通過競賽形式，使不同部門的技術人員得以交流切磋，分享工藝經驗，促進了跨部門之間的技术交流與合作。

Huanggu Thermoelectricity Organised Forklift Operation Skills Competition

On 29 August 2024, the Huanggu Thermoelectricity labour union held a forklift operation skills competition. The competition comprised two sections: theoretical assessment and practical operation. The theoretical assessment primarily tested knowledge of forklift maintenance and safe driving practices, whilst the practical section included cargo loading and reverse parking. The loading test required participants to prevent cargo spillage, ensure full loading capacity, minimise noise and meet environmental requirements. The reverse parking section required completion of right-angle reverse manoeuvres within a specified number of attempts. This competition provided technical staff with a platform for mutual learning and technical exchange.

皇姑熱電組織鏟車技能比賽

2024年8月29日，該公司工會舉辦鏟車技能競賽。競賽分為理論考核和實際操作兩個部分。理論考核主要測試鏟車保養和安全駕駛知識；實操環節包括貨物裝載和倒車入庫。在裝車測試中，要求做到貨物不散落、裝載充分、減少噪音，並符合環保要求。倒車入庫則需在規定次數內完成直角彎道倒庫。此次競賽為技術人員提供了相互學習、交流技術的平台。



EMBRACING PEOPLE-ORIENTED PRINCIPLES 貫徹以人為本之理

OCCUPATIONAL HEALTH AND SAFETY

WORKPLACE SAFETY MANAGEMENT

The Group has established a safety organisational structure with clear hierarchies and well-defined responsibilities, ensuring effective implementation of safety management from decision-making to execution levels. This structure consists of four tiers, forming a complete safety management system for decision-making, coordination, supervision and implementation:

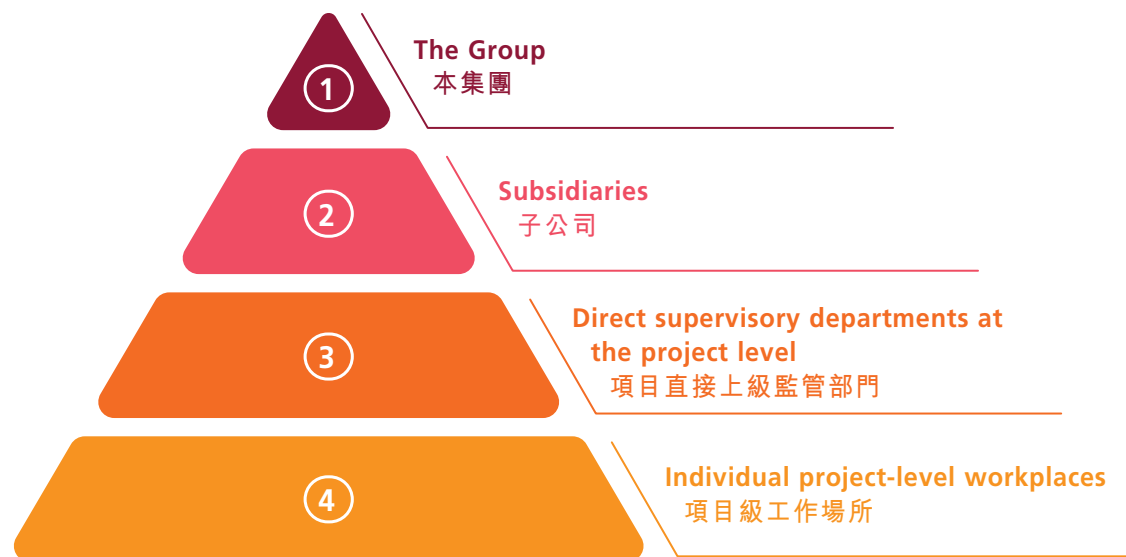
- The “830 Safety Management Committee” serves as the Group’s highest safety management organisation, leading safety production supervision and management across all business segments.
- Each subsidiary establishes its own safety management system based on business characteristics, responsible for coordinating overall safety work across enterprises.
- Direct supervisory departments at the project level provide comprehensive direct management of their subordinate project units, ensuring full coverage.
- Individual project-level workplaces, as fundamental execution units, are responsible for executing various safety production supervision and management tasks.

職業健康安全

職場安全治理

本集團建立了分級清晰、權責分明的安全組織架構，確保安全管理工作能夠從決策層到執行層有效貫徹。該架構由以下四個層級構成，形成了完整的安全管理決策、統籌、監督及執行體系：

- 「830安全生產監督管理委員會」作為本集團最高安全管理組織機構，領導本集團各業態安全生產監督管理工作。
- 各子公司結合業態特點建立自身安全管理體系，負責統籌各企業整體安全工作。
- 項目直接上級監管部門對所轄項目部進行直接管理，全面覆蓋。
- 各項目級工作場所作為基層執行單位，負責執行落實各項安全生產監督管理工作。



EMBRACING PEOPLE-ORIENTED PRINCIPLES 貫徹以人為本之理

We adhere to the safety production principle of “Safety First, Prevention-oriented, Comprehensive Management”. Through this principle, we strive to create a safe and healthy working environment for all parties involved in our operations, including employees, customers, contractors, suppliers and other stakeholders. Furthermore, we have established the *Health and Safety Policy* which covers all operational phases of the Group, including planning, design, construction and operations. The policy strictly complies with relevant laws and regulations in Chinese Mainland and Hong Kong, whilst benchmarking against the International Labour Organization’s occupational safety standards. In conjunction with the supervision framework, the Group has also established a comprehensive safety management system. We continuously identify and assess potential health and safety risks in the workplace, regularly conduct ISO45001 external independent verification to ensure our safety management system meets international standards. Meanwhile, we have established a comprehensive safety incident reporting and handling mechanism, and regularly organise emergency drills to evaluate the effectiveness of response plans.

我們秉持「安全第一、預防為主、綜合治理」的安全生產方針，致力為僱員、客戶、承辦商、供應商及其他持份者營造安全健康的工作環境。此外，我們還制定了《[健康與安全政策](#)》，該政策的適用範圍涵蓋本集團所有業務營運階段，包括規劃、設計、建設及運營。政策的制定嚴格遵循中國內地及香港的相關法律法規，同時對標國際勞工組織的職業安全標準。配合監督框架，本集團還建立了完善的安全管理制度。我們持續識別和評估工作場所中的潛在健康及安全風險，定期進行ISO45001外部獨立驗證，確保安全管理體系符合國際標準。同時，我們建立了完善的安全事故通報及處理機制，並定期組織應急演練，以評估方案的有效性。

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To comprehensively enhance occupational health and safety performance, we adopt the following strategies:

為全面提升職業健康安全表現，我們採取以下策略：

Safety Responsibility Implementation 安全責任落實

- Regularly convene safety production meetings to coordinate and deploy key enterprise safety production initiatives
定期召開安全生產會議，統籌部署企業安全生產重點工作；
- Supervise safety monitoring bodies at all levels to progressively sign safety production responsibility agreements and implement strict assessments
督促各級安監機構逐級簽訂安全生產責任書並實施嚴格考核；
- Ensure implementation of leadership inspection mechanisms at all levels
督促落實各級單位領導帶班檢查機制。

Safety Culture Development 安全文化建設

- Organise themed safety promotion activities including Safety Production Month, Fire Safety Awareness Month, and project demonstration events
組織開展安全生產月、消防宣傳月、項目觀摩等安全主題宣傳活動；
- Implement special activities for safety benchmark project development
開展安全標桿項目建設專項活動；
- Arrange hierarchical, routine safety management training and education activities across all levels of safety supervision organisations
組織各級安監機構分層級、常態化開展各類安全管理培訓教育活動。

Supervision System Development 監督體系建設

- Review and optimise the deployment of safety supervision organisations and personnel at all levels
梳理完善各級安監機構與安監人員配置；
- Dynamically assess the existing management system and make necessary updates to construct a comprehensive and well-prioritized institutional framework.
動態評估現有管理制度並進行必要的更新，構建系統完善，主次分明的制度體系。

Risk Level Assessment 風險分級排查

- Implement safety risk identification and tiered control measures to achieve risk level reduction in target projects
落實安全風險識別、分級管控措施，實現目標項目風險降級；
- Strengthen control of key processes and complete hazardous operation approval mechanisms
強化重點工序管控，完成危險作業審批機制；
- Organise various safety hazard investigations and rectifications
組織開展各類安全隱患排查整治。

Safety Emergency Management 安全应急管理

- Enhance emergency response plans, equip emergency supplies, and coordinate defence deployment
完善應急預案，配備應急物資，統籌防禦部署工作；
- Conduct accident case analysis and warning education
開展事故案例剖析、警示教育；
- Organise relevant emergency drills and personnel emergency training
組織相關應急演練和人員應急培訓。

Key Area Management 重點領域管理

- Integrate and advance special initiatives including "Three-Year Action Plan for Fundamental Safety Production Enhancement", "Mechanical Equipment Safety Management Enhancement Action", "Technology-Driven Safety Management Improvement", and inspection rectification programmes
一體推進「安全生產治本攻堅三年行動」、「機械設備安全管理治本攻堅行動」、「科技促安全管理提升」、巡視整改等專項工作開展。

EMBRACING PEOPLE-ORIENTED PRINCIPLES 貫徹以人為本之理

Based on the characteristics of different business segments, the Group has established specific safety management measures:

針對不同業務板塊的特點，本集團制定了專門的安全管理措施：

- For facade contracting business, the Group has specifically developed the *Safety Management Plan Preparation Guidelines* and *Safety and Health Management Work Procedures* to provide systematic guidance for safety practices. Building on this foundation, Far East (Hong Kong) has established a comprehensive safety management system, conducting regular safety assessments and developing specific operational guidelines, including hoisting equipment operation procedures and glass lifting safety guidelines, to ensure comprehensive safety protection at construction sites.
- In the investing and operating business, Huanggu Thermoelectricity has established a multi-tiered safety management system covering production safety supervision, violation management, and reward and punishment systems. Particularly for power industry safety operations, specific operational procedures for thermal, mechanical and electrical equipment have been established, with dedicated safety and fire prevention management teams in place.
- For supervision business, China Overseas Supervision upholds the concept of "Life First, Adhere to Safety Development" and has established a systematic safety management system. Through measures such as hazard source identification and assessment, and project safety hierarchical management, various safety risks are effectively prevented and controlled. Meanwhile, through the establishment of safety supervision work guidelines, compliance with all safety requirements at construction sites is ensured.
- 在幕牆工程業務方面，本集團針對該業務板塊專門制定了《安全管理計劃編制指引》及《安全及健康管理工工程序》，為安全實踐提供系統性指導。遠東香港在此基礎上建立了全面的安全管理體系，定期開展安全評估，制定具體的作業指引，包括起重設備操作規程及玻璃吊裝安全指引等，全方位保障施工現場的安全。
- 在投資運營業務領域，皇姑熱電建立了多層次的安全管理制度，涵蓋生產安全監督、違規管理、獎懲制度等方面。特別是在電力行業安全作業方面，制定了專門的熱力、機械及電氣設備操作規程，並設立了專職的安全和消防管理團隊。
- 在監理業務方面，中海監理秉持「生命至上，堅守安全發展」的理念，建立了系統化的安全管理制度。通過危險源識別評估、項目安全分級管理等措施，有效預防和控制各類安全風險。同時，通過制定安全監理工作指引，確保工程現場符合各項安全要求。

EMBRACING PEOPLE-ORIENTED PRINCIPLES 貫徹以人為本之理

Far East (Shanghai)'s Mechanical Equipment Safety Management Training

Far East (Shanghai) organised comprehensive mechanical equipment safety management training for its affiliated projects and factories. A total of 44 training sessions were conducted, reaching 2,190 participants cumulatively. Notably, the Guochuang B Project developed "Instruction Cards" for high-risk hoisting operations, displaying key points such as hook attachment, supervision, signal transmission, and guide rope securing through pictorial representations, achieving effective educational and training outcomes.

遠東上海組織機械設備安全管理培訓

遠東上海組織所屬項目及工廠全面開展機械設備安全管理培訓。培訓數達44次，累計2,190人次。其中國創B項目針對吊裝高危作業，編制「明白卡」，將吊裝過程中需要注意的掛鉤、看護、信號傳遞、攬風繩系掛等要點，以圖片的形式進行展示，起到了較好的教育培訓效果。

Huanggu Thermoelectricity's Occupational Safety Training

In 2024, Huanggu Thermoelectricity conducted multiple occupational safety training sessions: three safety knowledge training sessions with 375 participants, covering work permits and operation ticket regulations, emergency response, CPR, positive pressure respirator operation, and fire extinguisher usage, for staff from the Production Technology, Heating, and Safety Management Departments; spring inspection training on power enterprise safety regulations with 97 participants, covering office building staff and management personnel from Production Technology and Heating Departments; Safety Production Month training including content on the *New Safety Law* and company safety management systems, with 75 participants, covering personnel in key positions and above.

皇姑熱電職業安全培訓

2024年，皇姑熱電開展了多場職業安全培訓：三次安全知識培訓共375人參加，內容包括工作票和操作票規章、事故應急處置、心肺復蘇、正壓呼吸器操作、滅火器使用等，覆蓋生技部、供熱部和安管部員工；春檢培訓講解電力企業安全規程，97人參加，覆蓋辦公樓及生技部、供熱部管理人員；安全月期間的培訓內容包括《新安全法》、公司安全管理制度等，共計75人參加，覆蓋公司關鍵崗位及以上人員。



EMBRACING PEOPLE-ORIENTED PRINCIPLES 貫徹以人為本之理

SAFEGUARDING PHYSICAL AND MENTAL WELL-BEING

The Group places high emphasis on employees' physical and mental well-being and is committed to creating a caring and inclusive work environment. We regularly organise various health-related activities to help employees relieve work pressure and promote work-life balance. During this year, we have organised no fewer than 40 employee activities, reaching no less than 2,000 participants, meeting the targets set in 2022.

守護身心健康

本集團高度重視員工的身心健康，致力營造關愛共融的工作環境。我們定期舉辦各類健康活動，幫助員工舒緩工作壓力，促進工作生活平衡。本年度，我們已舉辦不少於40次員工活動，覆蓋人次不少於2,000人，達到2022年設定的目標。

Organisation of Basketball Friendly Matches and FEBA "Leading-the-Tide Cup" Sports Activities

The Group focuses on employees' physical and mental well-being by actively organising sports activities such as basketball friendly matches and the FEBA "Leading-the-Tide Cup". These sporting events help employees relieve work pressure through athletic competition while enhancing team cohesion and fostering a healthy and energetic corporate culture.

舉辦籃球友誼賽及FEBA「領潮盃」等體育活動

本集團關注員工身心健康發展，積極舉辦籃球友誼賽及FEBA「領潮盃」等體育活動，透過運動競技舒緩工作壓力，同時增進團隊凝聚力，營造健康活力的企業文化。

China Overseas Supervision's "Capturing Her Charm, Blooming in the New Era" Women's Day Activity

On 8 March 2024, China Overseas Supervision held a creative handicraft workshop themed "Capturing Her Charm, Blooming in the New Era". More than twenty female employees from the office participated in the event, each exercising their creativity to complete handcrafted works. During the activity, participants shared their creative ideas and crafting techniques, creating a positive interactive atmosphere. These group activities provided valuable opportunities for busy employees to connect with each other, enhancing mutual understanding and rapport among colleagues.

中海監理「定格她魅力，綻放新時代」三·八婦女節活動

2024年3月8日，中海監理舉辦「定格她魅力，綻放新時代」創意手工製作活動。來自寫字樓的二十餘名女性員工共同參與，各自發揮創意完成手工藝品。活動期間，參與者分享創作想法與製作技巧，形成良好的互動氛圍。此類團體活動為平日工作繁忙的員工提供了交流機會，增進了同事之間的了解與默契。

CSC Development Marks 55 Years of Establishment with Grand Celebrations

In August 2024, the Group's headquarters and subsidiaries grandly organised a series of celebratory events themed "Forge Ahead to Complete the Mission · Lead the Trend" to mark the 55th anniversary of the Group's establishment. The celebrations demonstrated the confidence and enthusiasm of all staff towards the Group's development, fostering a powerful momentum to drive the Group towards new achievements.

中國建築興業成立55周年慶祝活動圓滿舉行

2024年8月，本集團總部及各子公司隆重舉辦「全心奮進·領潮前行」系列慶祝活動，共同慶賀本集團成立55周年。活動展現了全體員工對本集團發展的信心與熱情，凝聚起推動本集團再創佳績的強大動力。

EMBRACING PEOPLE-ORIENTED PRINCIPLES 貫徹以人為本之理

EMPLOYEE COMMUNICATION

It is crucial for the Group's talent retention and development to establish stable, harmonious, and closely integrated relationships with employees. This includes maintaining open communication and feedback mechanisms. The Group highly values and is committed to carefully listening to employees' questions, suggestions, and complaints.

To hear the voices of all employees, our subsidiaries have developed relevant strategies. For example, both the *Gamma USA Employee Handbook* and *Shenyang Huanggu Thermoelectricity Employee Handbook* emphasise that all constructive opinions and viewpoints are warmly welcomed. Employees can submit suggestions to the Human Resources Department in writing or via email, after which the Human Resources Department will provide feedback on feasibility following thorough discussion. If issues cannot be resolved, employees can communicate face-to-face with Human Resources Department or the vice president. If problems remain unresolved, employees can request a meeting with the President. We pledge that raising issues will not result in adverse consequences for employees. Additionally, the *Shenyang Huanggu Thermoelectricity Employee Handbook* stipulates that employees can raise any questions during team or department meetings. If issues remain unresolved, they can communicate directly with department managers, department directors, or Human Resources Department. Furthermore, employees can also liaise through union organisations at different levels, or reflect issues directly to relevant company leaders through means such as interviews, phone calls, or email.

The Group emphasises reducing talent loss by maintaining a stable work environment and meeting employee needs. We regularly review and set targets, including the goal of reducing turnover rate to 25% or below by 2026.

員工溝通

建立穩定、和諧且緊密共融的企業與員工關係，維持開放的交流和反饋機制對本集團的人才儲備及發展至關重要。本集團高度重視員工的疑問、建議和投訴，並致力於認真傾聽。

為了聆聽各個員工的心聲，我們各個子公司制定了相關的策略。例如，《遠東美國員工手冊》和《瀋陽皇姑熱電有限公司員工手冊》均強調，所有建設性的意見和觀點均受到熱烈歡迎。員工可以通過書面或電子郵件的形式將建議提交給人力資源部，經深入討論後人力資源部對其可行性提供反饋。如果問題無法解決，員工可以與人力資源部或副總裁進行面對面的溝通。若問題仍未得到解決，員工可以要求與總裁會面。我們承諾，提出問題不會對員工產生不利影響。此外，皇姑熱電《員工手冊》還規定，員工可以在團隊或部門會議上提出任何疑問。如果問題無法得到解決，可以直接與部門經理、部門總監或人力資源部溝通。此外，員工也可以通過各級工會組織表達意見，或通過訪談、電話或電子郵件直接與相關公司領導反映問題。

本集團重視通過維持穩定的工作環境並滿足員工合理需求來減少人才流失，我們定期審查並制定目標，其中包括2026年前將離職率降至25%或以下的目標。

UNSDGs covered in this chapter:
本章節所涉及的UNSDGs：



Material Issues:
重要性議題：

- Responsible supply chain management 負責任的供應鏈管理
- Fair operating practices on supplier 供應商公平經營實踐
- Circular economy 循環經濟

Fulfilling Sustainable Procurement Responsibilities

履行可持續採購之責



FULFILLING SUSTAINABLE PROCUREMENT RESPONSIBILITIES 履行可持續採購之責

RESPONSIBLE PROCUREMENT SUSTAINABLE SUPPLY CHAIN MANAGEMENT

As a leading enterprise in the construction sector, the Group's supply chain primarily comprises suppliers of facade and various materials required for construction projects. In particular, facade engineering involves the procurement of core materials such as aluminium profiles, glass, stone materials and hardware accessories. The production processes of these materials may involve environmental concerns such as high energy consumption and high emissions. In response, the Group has established a comprehensive supplier management system that fully incorporates sustainability principles throughout our supply chain management. Through prioritising suppliers with environmental protection qualification certificates, we are driving the entire supply chain towards a green and low-carbon transformation.

To advance sustainable procurement systematically, the Group has officially adopted the *Sustainable Procurement Policy*. This policy is implemented in coordination with the *Sustainability Policy*, *Code of Conduct for Suppliers*, and existing policies, including the *Procedures for Procurement of Materials* formulated for each subsidiary and the *Procurement Management System* (applicable to Huanggu Thermoelectricity), ensuring that procurement activities meet multiple requirements spanning environmental management, social responsibility and economic efficiency. This policy applies to all procurement activities of the Group and its subsidiaries, whilst also encouraging and expecting compliance from all business partners.

The Group has established a rigorous supplier management process encompassing admission, evaluation and exit mechanisms. The Procurement Department conducts comprehensive assessments of potential suppliers, examining environmental performance and energy efficiency among other factors. We pay particular attention to manufacturers involved in high-energy consumption or pollution-intensive production processes. We give preference to enterprises with ISO certifications whilst focusing on their carbon reduction capabilities and environmental awareness. This includes their development of green processes and technologies, as well as product and service lifecycle carbon assessments. The Procurement Department conducts annual reviews of existing suppliers' performance. Higher ratings are given to suppliers who actively support UNSDGs, maintain sound environmental policies, and hold relevant international certifications. We require all partners to strictly comply with environmental and social regulations in Hong Kong and Chinese Mainland. We maintain a zero-tolerance approach towards regulatory violations, immediately terminating cooperation with non-compliant suppliers. The List of Approved Suppliers is adjusted based on evaluation results and regularly verified, approved and signed by the Procurement Manager. For suppliers failing to meet requirements, we have established a clear exit mechanism. Upon discovering non-compliance, the Procurement Department is promptly notified to conduct investigations. When necessary, following approval, the supplier is immediately removed from the register and barred from any business cooperation with our Group for one year. During this year, we have not identified any suppliers with negative environmental or social impacts.

負責任採購 可持續供應鏈管理

本集團作為建築領域的領先企業，供應鏈主要包括幕牆及建築工程所需的各類材料供應商。其中，幕牆工程主要涉及鋁型材、玻璃、石材、五金配件等核心材料的採購。這些材料的生產過程可能涉及高能耗、高排放等環境問題。為此，本集團建立了全面的供應商管理體系，將可持續發展原則深度融入供應鏈管理中。通過優先選擇具備環保認證的供應商，推動整個供應鏈向綠色低碳轉型。

為系統推進可持續採購，本集團已正式採納《可持續採購政策》。該政策與《可持續發展政策》、《供應商行為守則》，以及各附屬公司現有的《物資採購工作程序》、《物資採購管理制度》（適用於皇姑熱電）等相關政策協同實施，確保採購活動符合環境管理、社會責任和經濟效益的多重要求。政策適用於本集團及附屬公司的所有採購活動，同時也鼓勵和期望所有業務合作夥伴遵守執行。

本集團建立了嚴謹的供應商管理流程，包括供應商准入、評估及退出機制。物資採購部在篩選供應商時，會從環境表現、能源效率等多個方面進行全面評估，尤其針對生產環節涉及高能耗或高污染的廠商進行深入審查。我們優先選擇擁有ISO認證的企業，並特別關注其減碳能力及環保意識，包括積極開發綠色工藝和技術，以及對產品及服務進行生命週期碳評估等。採購部每年將全面覆核現有供應商的表現，並對於能積極配合聯合國可持續發展目標、具備完善環保政策、取得相關國際認證的供應商給予較高評價。我們要求所有合作夥伴嚴格遵守香港和中國內地的環境及社會相關法規，對違反法規的供應商採取零容忍態度並立即終止合作。《認可供應商名冊》將根據評估結果進行調整，交由採購部主管定期核實、批准並簽署確認。對於未能達到要求的供應商，我們建立了明確的退出機制。當發現供應商未能符合本集團要求，採購部將立即收到通知並展開調查。如有必要，經審批後將即時從名冊中除名，並禁止其一年內參與本集團任何業務合作。本年度，我們未發現任何具有負面環境或社會影響的供應商。

FULFILLING SUSTAINABLE PROCUREMENT RESPONSIBILITIES 履行可持續採購之責

Regarding business ethics, we adhere to a zero-tolerance principle, requiring suppliers to sign an Integrity Pledge whilst explicitly including anti-corruption clauses in contracts. We maintain close contact with suppliers, contractors and business partners through established regular communication mechanisms, ensuring they fully understand and comply with relevant laws, regulations and codes of conduct. Based on actual business circumstances, our subsidiaries may develop more specific implementation guidelines. For instance, Huanggu Thermoelectricity has established Supplier Integrity Management Requirements to further refine supplier management standards. China Overseas Supervision has formulated Guidelines for Administrative Procurement Management, providing an open, transparent and competitive framework for procurement processes. These efforts promote a business ecosystem founded on integrity and transparency, establishing ethical standards for every link in the supply chain.

GREEN PROCUREMENT PRACTICES

In accordance with our [Sustainable Procurement Policy](#), the Group has implemented five core measures to reduce the environmental impact of procurement activities:

- We have established a low-carbon materials and products list, encouraging the consideration of materials included on this list, or the selection of alternative materials with durability, reusability or recyclable characteristics;
- We advocate for local procurement principles, defining reasonable procurement distances within an 800-kilometre range to reduce carbon emissions during transport whilst promoting local economic development;
- We prohibit the purchase of products containing toxic or harmful substances, actively encouraging suppliers to provide materials and equipment that meet low-carbon requirements;
- We aim to reduce the use of disposable items and packaging materials;
- Through strict control of project procurement processes, we ensure purchased materials and equipment comply with construction site standards, thereby reducing resource waste and environmental impact.

在商業道德方面，我們堅持零容忍的原則，要求供應商簽署《廉潔承諾書》，並在合同中明確列出反貪污條款。我們通過建立定期溝通機制，與供應商、承包商及業務合作夥伴保持密切聯繫，確保他們充分理解並遵守相關法律法規及行為守則。根據業務實際情況，各附屬公司可制定更加具體的實施細則。例如，皇姑熱電已制定《供應商廉潔管理要求》，進一步細化供應商管理標準；中海監理制訂了《中海監理行政採購管理指引》，為採購流程提供一個公開、透明且具競爭力的框架。這些努力促進了以誠信和透明為基礎的商業生態系統，並為供應鏈的每一個環節設立了道德準則。

綠色採購實踐

根據《可持續採購政策》，本集團推行了五項核心措施，以減輕採購活動對環境的影響：

- 建立低碳材料及產品清單，鼓勵考慮使用已列入清單的材料，或選用具備耐用性、可重複使用或可回收特性的其他材料；
- 提倡就近採購原則，將合理的採購距離劃定在800公里範圍內，以降低運輸過程的碳排放並促進當地經濟發展；
- 禁止購買含有毒或有害物質的產品，並積極鼓勵供應商提供符合低碳要求的材料和設備；
- 減少一次性物品及包裝材料的使用；
- 透過對項目採購流程的嚴格把控，確保所購買的材料和設備符合施工現場的各項標準，從而降低資源浪費及環境影響。

FULFILLING SUSTAINABLE PROCUREMENT RESPONSIBILITIES 履行可持續採購之責

As part of our resource conservation efforts, we require suppliers to regularly provide reports on material loss rates and maintain these rates within reasonable limits. We have also incorporated sustainability-related terms and requirements into supplier contracts and tender documents. Through our collective efforts, many projects have successfully achieved BEAM Plus New Buildings Standard Certification, affirming our commitment to resource optimisation, environmentally friendly materials application and energy-efficient system operation.

Furthermore, we actively promote circular economy practices, aiming to maximise resource utilisation whilst reducing waste generation. This creates a closed loop where resources continuously circulate through the value chain via manufacturing, use, reuse and recycling processes. By implementing green procurement, we strive to select environmentally beneficial products and services, particularly focusing on items with high recycling value, whilst actively promoting resource recovery and reuse. These measures not only advance sustainable development but also help expand the market for green products, encouraging resources to flow continuously within the economic system.

SUPPLIER MANAGEMENT PRACTICES

Furthermore, to enhance the overall sustainability level of our supply chain, we have established a comprehensive supplier training system. We regularly provide sustainable supply chain training and guidance to suppliers, helping them acquire relevant professional knowledge and skills. Meanwhile, we encourage suppliers to identify sustainability risks within their own supply chains and develop corresponding risk management plans. Through regular management meetings, we evaluate suppliers' sustainability performance.

作為節約資源的一部分，我們要求供應商定期提供材料損耗率的報告，並將損耗率維持在合理的限度內。我們同時在供應商合約及招標文件中加入了可持續發展的相關條款和要求。在我們的共同努力下，本集團多個項目已成功達到BEAM Plus綠建環評新建建築的標準認證，這充分肯定了我們在資源優化利用、環保材料應用及節能系統運行方面的努力。

此外，我們積極推動循環經濟的實踐，旨在最大化利用資源並減少廢棄物的產生，通過製造、使用、再利用及回收流程，形成一個資源在價值鏈中不斷循環的閉環。通過落實綠色採購，我們致力於選購有利環境的產品及服務，尤其著重於高回收價值產品的選用，並積極推行資源回收再利用。這些措施不僅推動了可持續發展，更有助於擴大綠色產品的市場，促使資源在經濟系統內持續循環流動。

供應商管理實踐

此外，為提升供應鏈的整體可持續發展水平，我們建立了完善的供應商培訓體系。定期為供應商提供可持續供應鏈培訓和指引，幫助他們掌握相關專業知識和技能。同時，我們鼓勵供應商識別自身供應鏈中的可持續發展風險，制定相應的風險管理計劃。通過定期的管理會議，對供應商的可持續發展績效進行評估。

FULFILLING SUSTAINABLE PROCUREMENT RESPONSIBILITIES 履行可持續採購之責

Enhancement of Coal Transportation Safety Management at Huanggu Thermoelectricity

In March 2024, Huanggu Thermoelectricity's Procurement Department, Production Technology Department, Safety Management Department, and multiple coal suppliers jointly convened the first half-year meeting on coal site and vehicle transportation safety. The meeting emphasised key points including vehicle inspection, site familiarisation, on-site safety management, lighting and dust control, driver qualifications, and behavioural standards, aiming to eliminate potential safety hazards in advance and ensure on-site safety. All coal suppliers were required to sign safety agreements to jointly maintain transportation safety. In September of this year, the Procurement Department, Production Technology Department, Safety Management Department, and multiple coal suppliers jointly held the second half-year meeting. The meeting focused on coal transportation work for the 2024-2025 heating season, addressing vehicle inspection, on-site safety, driver conduct standards, coal quality requirements, and fire safety knowledge to ensure safe and efficient coal delivery operations. All coal suppliers were required to strictly comply with on-site safety regulations to ensure transportation safety.

皇姑熱電燃煤運輸安全管理提升

2024年3月，皇姑熱電物資部、生技部、安全管理部及多家供煤商共同召開了燃煤現場及車輛運輸安全上半年會議。會議強調了車輛檢查、環境熟悉、現場安全管理、燈光與揚塵控制、司機資質及行為規範等關鍵點，旨在提前排除安全隱患，確保現場安全。各供煤商需簽署安全協定，共同維護運輸安全。同年9月，物資部、生技部、安全管理部及多家供煤商共同召開了下半年會議。會議重點討論了2024-2025年採暖季的進煤運輸工作，並強調了車輛檢查、現場安全、司機行為規範、煤質要求及消防知識，確保進煤期間的安全和高效。各供煤商需嚴格遵守現場安全規定，確保運輸安全。

SUPPLY CHAIN RESILIENCE SUPPLY CHAIN RESILIENCE MANAGEMENT

In the globalised economic system, businesses face increasingly complex operating environments and various uncertainties. From extreme weather events to geopolitical conflicts, from labour rights to environmental protection, these factors may impact corporate supply chains. Therefore, establishing an adaptive and resilient supply chain system, alongside developing long-term sustainable partnerships with suppliers, has become crucial for corporate sustainable development.

The Group recognises that suppliers are essential partners in ensuring the quality and continuity of business operations. To strengthen supply chain adaptability and resilience, we continuously review and update our [Code of Conduct for Suppliers](#). This code establishes specific behavioural standards, comprehensively covering areas including business ethics, labour practices, employee diversity, equal opportunity and anti-discrimination, human rights protection, employment policies, occupational health and safety, environmental protection and regulatory compliance. It effectively helps us identify and manage potential risks within the supply chain. These requirements aim to ensure suppliers maintain alignment with our Group's values and principles in their business operations. They also promote suppliers' continuous improvement in environmental, social and governance aspects, thereby enhancing the overall supply chain's risk resistance capacity.

供應韌性 供應韌性管理

在全球化經濟體系中，企業面臨著日益複雜的經營環境和各種不確定性。從極端天氣到地緣政治衝突，從勞工權益到環境保護，這些因素都可能對企業的供應鏈造成衝擊。因此，建立具有適應力和恢復力的供應鏈系統，以及與供應商建立長期可持續的合作關係，已成為企業持續發展的關鍵。

本集團深知供應商是確保業務運營質量和持續性的重要夥伴。為加強供應鏈的適應力和恢復能力，我們持續審閱並更新《[供應商行為守則](#)》。該守則制定了具體的行為規範，全面覆蓋商業道德、勞工規範、員工多元化、機會平等與反歧視、人權保障、僱傭政策、職業健康與安全、環境保護和法規遵循等範疇，有效幫助我們識別並管理供應鏈中的潛在風險。這些要求旨在確保供應商在其業務運營中與本集團的價值觀和原則保持一致，同時促進供應商在環境、社會及管治方面的持續改進，從而增強整體供應鏈的抗風險能力。

FULFILLING SUSTAINABLE PROCUREMENT RESPONSIBILITIES 履行可持續採購之責

SUPPLIER PERFORMANCE ASSESSMENT

Furthermore, to ensure suppliers effectively implement the Code's requirements and promote sustainable development of the supply chain, the Group has adopted relevant management measures. We assess supplier performance through the *Supplier Evaluation Form*, with collaborative oversight from multiple departments including the Procurement Department, Production Technology Department, Heating Department, General Office, and Safety Supervision Department. The evaluation system encompasses five core dimensions: delivery performance, quality performance, service performance, environmental protection performance and safety performance, utilising a hundred-point scoring system for comprehensive assessment. When suppliers receive unsatisfactory scores, we conduct special monitoring and follow-up procedures.

供應商績效評估

此外，為確保供應商切實執行守則要求，推動供應鏈可持續發展，本集團採取了相關的管理措施。我們通過《供應商評估表》對供應商表現進行評估，由物資部、生產技術部、供熱部、辦公室及安監部等多個部門協同監管。評估系統包含準期、質量、服務、環保及安全五大核心維度，採用百分制進行綜合評分。當供應商評分不合格時，我們會進行特別關注和跟進。



Delivery Performance 準期表現

- Source of materials
材料來貨
- Capability in handling defective product replacement
不良品補料處理能力



Quality Performance 質量表現

- Material specifications
材料規格
- Packaging quality
包裝質量



Service Performance 供應商服務表現

- Communication efficiency
溝通效率
- Response time
響應速度
- Service attitude
服務態度
- Problem-solving capability
問題解決能力
- Technical expertise
專業技術水平



Environmental Performance 環境表現

- Recyclability of packaging materials
包裝材料的可循環性
- Environmental performance during transportation (e.g. air and noise pollution control)
車輛運輸過程中的環保表現（如空氣及噪音污染控制）



Safety Performance 安全表現

- Safety incident records
安全事故記錄
- Provision of Material Safety Data Sheet (MSDS)
是否提供產品物質安全資料表
- Cargo packaging
貨物包裝
- Transportation safety
運輸安全

FULFILLING SUSTAINABLE PROCUREMENT RESPONSIBILITIES 履行可持續採購之責

SUPPLY CHAIN CARBON FOOTPRINT

The Group focuses on our direct environmental impacts while recognizing the importance of managing value chain emissions. Addressing these indirect emissions is crucial for combating climate change and promoting sustainable development across our industry and society. Given our business nature, we recognise that all activities in our operation chain generate both direct and indirect GHG emissions - from procurement and transportation to production, sales, and services. Therefore, to comprehensively understand our environmental impact, the Group considers it crucial to disclose carbon footprint information across our supply chain.

Through measuring Scope 3 emissions, the Group obtains a comprehensive perspective on the environmental impact of its supply chain, enabling us to identify areas of high carbon emission intensity within the supply chain and formulate targeted strategies to reduce indirect emissions from supply chain operations. This year, the Group incorporated four emission categories into its Scope 3 GHG emissions disclosure scope in accordance with the GHG Protocol. We conducted data collection training to enhance internal capabilities and improve data reliability, particularly for supply chain emissions. This information also facilitates our collaboration with suppliers to implement emission reduction measures and reduce or avoid carbon-intensive processes or procedures. Looking ahead, the Group plans to encourage suppliers to collect Scope 3 carbon emission data and undertake carbon reduction initiatives, contributing to the achievement of value chain decarbonisation.

供應鏈碳足跡

本集團不僅關注自身業務運營為環境帶來的影響，亦明白管理並減少整個價值鏈溫室氣體排放對於應對氣候變化、實現行業及整個社會可持續發展的重要意義。鑒於我們的業務性質，我們認識到從採購、運輸、到生產、銷售和服務等各環節產生業務活動均會產生直接或間接溫室氣體排放。因此，為了全面了解我們對環境的影響，本集團認為披露供應鏈碳足跡信息至關重要。

通過測量範圍三排放量，本集團能夠獲得供應鏈對環境影響的全面視角，這有助於我們識別供應鏈中碳排放強度較高的領域，並針對性制定策略減少供應鏈環節帶來的間接排放。本年度，本集團參照《溫室氣體核算體系》將四個排放類別納入範圍三溫室氣體排放的披露範圍，並通過開展數據收集培訓，提升內部相關能力，提高包括供應鏈排放以內的數據的可靠性。這些信息亦有助於我們與供應商合作實施減排措施，減少或避免涉及碳密集型或工序。未來，本集團計劃推動供應商收集範圍三碳排放信息，並開展碳減排工作，以助力實現價值鏈減排。

Supplier Training on GHG Emissions

This year, we commissioned an independent consultant to conduct a specialised training session on GHG emissions and invited multiple partner suppliers to participate. Through introducing the fundamental concepts of GHG emissions, core requirements of the GHG Protocol, methods of data collection and quantification, we enhanced suppliers' understanding of GHG emissions. This laid the foundation for the Group to further improve data collection, promote regular reporting and emission reduction amongst suppliers, and enhance the accuracy of Scope 3 data disclosure in the future.

供應商溫室氣體排放培訓

本年度，我們委托獨立顧問開展了一場關於溫室氣體排放的專題培訓，並邀請多家合作供應商參與。通過介紹溫室氣體排放的基本概念、《溫室氣體核算體系》的核心要求、數據收集及量化方式等，加強供應商對於溫室氣體排放的認知，為本集團未來進一步完善數據收集，推動供應商開展定期報告及減排、提升範圍三數據披露的準確性奠定基礎。

UNSDGs covered in this chapter:
本章節所涉及的UNSDGs：



Material Issues:
重要性議題：

- Community involvement 社區參與
- Local Economic Development Promotion 促進本地經濟發展

Building a Harmonious Society Together

共建和諧社會之道



BUILDING A HARMONIOUS SOCIETY TOGETHER 共建和諧社會之道

In today's increasingly globalised world, corporate growth and community prosperity have become inseparably linked. As an enterprise rooted in Hong Kong, backed by Chinese Mainland, and extending its reach globally, we deeply understand the significance of social contribution to corporate long-term development. As socioeconomic structures continue to change, the Group promotes sustainable community development by optimising resource allocation and creating innovative partnerships. In March 2024, CSC Development was awarded the "Caring Company" logo by the Hong Kong Council of Social Service, recognising its outstanding performance in corporate social responsibility and community contribution. For the first time, CSC Development received the "10 Years Plus Caring Company Logo", meeting criteria across community, employee, and environmental care. With its mission of "We Manage Happiness", we support Hong Kong youth development, cares for the elderly and underprivileged, and improves living conditions for grassroots residents. During the reporting period, we conducted multiple volunteer service projects, accumulating over 300 service hours.

在全球化深度發展的時代背景下，企業成長與社區繁榮已形成共生共榮的緊密關係。作為立足香港、依託內地、輻射全球的企業，我們深知回饋社會對於企業長遠發展的重要性。面對社會經濟結構的動態演變，本集團通過優化資源配置、創新合作機制，為社區的可持續發展注入創新動能。2024年3月，中國建築興業榮獲香港社會服務聯會頒發的「商界展關懷」標誌，表彰其在企業社會責任及社區貢獻方面的卓越表現。中國建築興業首次獲得「10年Plus標誌」，我們在關懷社區、員工及環境等方面均達標，展現了良好的企業公民責任。中國建築興業以「我們經營幸福」為使命，支持香港青少年成長，關心基層長者和弱勢群體，推動改善基層居民的居住環境。報告期內，我們累計開展多個志願服務項目，總服務時長超過300小時。

YOUTH DEVELOPMENT SUPPORT

The Group recognises youth talent as a vital force driving social development. Based on this philosophy, we have maintained a long-term commitment to youth cultivation and actively established partnerships with educational institutions. Through youth development programmes such as the "Strive and Rise Programme", we help young participants develop proper financial literacy whilst inspiring them to explore more possibilities for personal development. Against the backdrop of rapid changes, young generation face both challenges and opportunities, which motivates us to continuously enhance our nurturing programmes. We believe that cultivating young talent is not only a corporate responsibility but also a key factor in promoting long-term social development.

關注青少年發展

本集團深明青年人才是社會發展的重要動力。基於這一理念，我們長期致力於青年培育工作，積極與教育機構建立合作關係。通過開展「共創明Teen」等青年發展計劃，幫助青少年學員培養正確理財觀念，並啟發學員探索更多個人發展的可能性。在瞬息萬變的時代背景下，青少年面臨的挑戰與機遇並存，這促使我們持續完善培育計劃的內容。我們相信，培育青年人才不僅是企業的責任，更是推動社會長遠發展的關鍵因素。

Far East Photovoltaic Completed BIPV Welfare Project at China Overseas-Wenjahe Hope Primary School 遠東光伏承建中國海外溫家河希望小學BIPV暖心工程正式交付使用

In October 2024, the "China Overseas-Wenjahe Hope Primary School BIPV Welfare Project", supported by China State Construction International and constructed by Far East Photovoltaic, was successfully completed and commissioned. Leaders from China State Construction International and local government officials attended the inauguration ceremony. The donation of photovoltaic power facilities incorporating advanced BIPV technology aims to address the school's heating challenges and electricity cost burden.

2024年10月，中國建築國際援建、遠東光伏承建的「中國海外溫家河希望小學BIPV暖心工程」順利完工並交付使用。中國建築國際的領導、當地政府官員等人士出席了揭牌儀式。此次捐建光伏發電設施並引入先進的BIPV技術，旨在緩解學校的供暖難題及電費負擔。

KPIs Overview in Social Aspects

社會層面關鍵績效指標總覽



KPIs OVERVIEW IN SOCIAL ASPECTS 社會層面關鍵績效指標總覽

Employment Indicators (as of the end of the reporting period)		Permanent Employment 永久聘僱		Temporary 臨時		Total 總數	
僱傭數據指標 (截至報告期末)		2024 2024年	2023 2023年	2024 2024年	2023 2023年	2024 2024年	2023 2023年
By Gender 按性別劃分							
Male	男性	1,843	1,920	1,552	1,881	3,395	3,801
Female	女性	306	328	301	364	607	692
By Geographical Region 按地區劃分							
Hong Kong	香港	536	460	0	–	536	460
Chinese Mainland	中國內地	1,514	1,644	1,797	2,188	3,311	3,832
Macau	澳門	31	41	0	–	31	41
United States	美國	11	10	0	–	11	10
Canada	加拿大	52	87	56	57	108	144
United Kingdom	英國	5	6	0	–	5	6

Employment Indicators (as of the end of the reporting period)		Full-time 全職		Temporary 兼職		Total 總數	
僱傭數據指標 (截至報告期末)		2024 2024年	2023 2023年	2024 2024年	2023 2023年	2024 2024年	2023 2023年
By Gender 按性別劃分							
Male	男性	3,348	3,771	47	30	3,395	3,801
Female	女性	598	662	9	30	607	692
By Geographical Region 按地區劃分							
Hong Kong	香港	536	457	0	3	536	460
Chinese Mainland	中國內地	3,311	3,832	0	–	3,311	3,832
Macau	澳門	31	41	0	–	31	41
United States	美國	11	10	0	–	11	10
Canada	加拿大	52	87	56	57	108	144
United Kingdom	英國	5	6	0	–	5	6

KPIs OVERVIEW IN SOCIAL ASPECTS 社會層面關鍵績效指標總覽

Employment Indicators 僱傭數據指標		2024 2024年	2023 2023年
Workforce (as of the end of the reporting period) 員工數目（截至報告期末）			
Total Workforce	員工總人數	4,002	4,493
By Position 按職級劃分			
High-Level	高層	12	11
Middle-Level	中層	45	29
Entry-Level	基層	530	346
General Staff	一般員工	3,415	4,107
By Age Group 按年齡組別劃分			
< 31	31歲以下	1,093	1,374
31-40	31-40歲	1,378	1,535
41-50	41-50歲	983	1,060
> 50	50歲以上	548	524
Non-employee Staff 非員工的工作人員			
Staffing Agency Workers	中介派遣員工	0	1
Job Outsourcing	崗位外包	83	57
New Hires 新入職員工			
Total Number of New Hires	新入職員工總數	280	591
By Gender 按性別劃分			
Male	男性	204	495
Female	女性	76	96

KPIs OVERVIEW IN SOCIAL ASPECTS 社會層面關鍵績效指標總覽

Employment Indicators 僱傭數據指標		2024 2024年	2023 2023年
Employment Turnover Rate ¹ 員工流失率 ¹			
By Age Group 按年齡組別劃分			
< 31	31歲以下	123	319
31-40	31-40歲	95	173
41-50	41-50歲	46	75
> 50	50歲以上	16	24
Total Employment Turnover Rate		15.34%	20%
By Gender 按性別劃分			
Male	男性	14.76%	20%
Female	女性	18.62%	19%
By Age Group 按年齡組別劃分			
< 31	31歲以下	22.69%	29%
31-40	31-40歲	13.79%	17%
41-50	41-50歲	8.85%	11%
> 50	50歲以上	16.24%	22%
By Geographical Region 按地區劃分			
Hong Kong	香港	25.37%	28%
Chinese Mainland	中國內地	12.29%	19%
Macau	澳門	48.39%	0%
United States	美國	9.09%	130%
Canada	加拿大	50.93%	28%
United Kingdom	英國	0%	0%

¹ Number of employees lost in that category / Total number of employees in that category × 100%.
¹ 各類別的員工流失率計算公式為：該類別流失員工人數／該類別員工總數×100%。

KPIs OVERVIEW IN SOCIAL ASPECTS 社會層面關鍵績效指標總覽

Employee Training Indicators 員工培訓數據指標		2024 2024年	2023 2023年
Percentage of Trained Employees ² 受訓員工百分比 ²			
By Gender 按性別劃分			
Male	男性	86.18%	82.47%
Female	女性	13.82%	17.53%
By Position 按僱員類別劃分			
High-Level	高層	0.21%	0.25%
Middle-Level	中層	0.86%	0.67%
Entry-Level	基層	34.41%	9.82%
General Staff	一般員工	64.52%	89.26%
Average Training Hours of Employees (Hours) ³ 員工平均受訓時數(小時) ³			
Average Training Hours of Employees	員工平均受訓時數	46.50	45.7
By Gender 按性別劃分			
Male	男性	49.6	46.5
Female	女性	44.2	52.0
By Position 按僱員類別劃分			
High-Level	高層	16.6	89.3
Middle-Level	中層	25.9	44.6
Entry-Level	基層	72.5	51.8
General Staff	一般員工	45.6	46.9

² The formula for calculating the percentage of trained employees in each category is: number of trained employees in that category/total number of trained employees x 100%.
² 各類別的受訓員工百分比計算方法為：該類別受訓員工人數／受訓員工總人數×100%。
³ The formula for calculating the average training hours of employees is: the total training hours/average number of employees, while the formula for calculating the average training hours of employees in each category is: the total training hours of employees in that category/total number of employees in that category.
³ 員工平均受訓時數計算方法為：員工受訓總時數／平均員工人數，而各類別的員工平均受訓時數計算方法為：該類別員工受訓總時數／該類別員工總人數。

KPIs OVERVIEW IN SOCIAL ASPECTS 社會層面關鍵績效指標總覽

Work Performance Indicators		2024	2023	
工作表現評核		2024年	2023年	
Number of Employees Receiving Regular Performance and Career Development Reviews				
定期接受工作表現評核的員工人數				
By Gender				
按性別劃分				
Male	男性	3,395	3,801	
Female	女性	607	692	
By Position				
按僱員類別劃分				
High-Level	高層	12	11	
Middle-Level	中層	45	29	
Entry-Level	基層	530	346	
General Staff	一般員工	3,415	4,107	
OHS Indicators		2024	2023	2022
職安健指標		2024年	2023年	2022年
Work-Related Fatalities and Injuries				
因工傷亡				
Number of Work-Related Deaths	因工亡故人數	0	0	0
Rate of Work-Related Deaths ⁴	因工亡故比率 ⁴	0	0	0
Lost Day Due to Work Injury ⁵	因工傷損失工作日數 ⁵	316	571.5	604
Lost Day Rate Due to Work Injury ⁶	因工傷損失工作日數率 ⁶	7.6	9.9	10.6

⁴ The formula for calculating the rate of work-related death is: the number of work-related deaths/total number of employees at the end of the reporting period x 100%.

⁴ 因工亡故比率計算方法為：因工亡故人數／報告期末員工總人數×100%。

⁵ The number of lost days due to work injury should be determined in accordance with the *Regulation on Work-Related Injury Insurances, the Decision on Determination of Work-Related Injury, the Employees' Compensation Ordinance, the Workers Compensation Act, etc.*

⁵ 因工傷損失工作日數按照《工傷保險條例》、《認定工傷決定書》、《僱員補償條例》、《勞工賠償法》等判定。

⁶ The formula for calculating lost day rate due to work injury is: the number of lost days due to work injury/total working hours x 200,000.

⁶ 因工損失工作日數率計算方法為：因工傷損失工作日數／總工作時數×200,000。

KPIs OVERVIEW IN SOCIAL ASPECTS 社會層面關鍵績效指標總覽

Number of Suppliers by Geographical Region 供應商地區分布		2024 2024年	2023 2023年
Chinese Mainland	中國內地	929	1,102
Hong Kong	香港	128	123
Macau	澳門	33	1
Canada	加拿大	51	118
United States	美國	24	35
Europe	歐洲	1	1

KPIs Overview in Environmental Aspects

環境層面關鍵績效 指標總覽



KPIs OVERVIEW IN ENVIRONMENTAL ASPECTS⁷ 環境層面關鍵績效指標總覽⁷

Emissions of Air Pollutants 大氣污染物排放		Unit 單位	2024 2024年	2023 2023年
SO _x	硫氧化物	Tonne 噸	63.19	108.86
NO _x	氮氧化物	Tonne 噸	192.62	297.27
Particulate Matter	顆粒物	Tonne 噸	8.15	10.64
CO	一氧化碳	Tonne 噸	0.69	0.75

Scope 1: Direct GHG Emission 範圍一：直接溫室氣體排放	GHG Emissions 溫室氣體排放	Source 排放源	Unit 單位	2024 2024年	2023 2023年
		Fossil Fuel Combustion – Gasoline 化石燃料燃燒 – 汽油	Tonne CO ₂ e 噸二氧化碳當量	308.75	334.11
		Fossil Fuel Combustion – Diesel 化石燃料燃燒 – 柴油	Tonne CO ₂ e 噸二氧化碳當量	522.32	625.91
		Fossil Fuel Combustion – LPG 化石燃料燃燒 – 液化石油氣	Tonne CO ₂ e 噸二氧化碳當量	–	23.03
		Fossil Fuel Combustion – Natural Gas 化石燃料燃燒 – 天然氣	Tonne CO ₂ e 噸二氧化碳當量	116.35	104.50
		Fossil Fuel Combustion – Lignite 化石燃料燃燒 – 褐煤	Tonne CO ₂ e 噸二氧化碳當量	692,158.34	705,779.22
		Fire Extinguishing Agent 滅火劑	Tonne CO ₂ e 噸二氧化碳當量	212.41	2,631.60
		Carbonate 碳酸鹽	Tonne CO ₂ e 噸二氧化碳當量	2,155.42	2,185.74
		Acetylene 乙炔	Tonne CO ₂ e 噸二氧化碳當量	27.20	19.95
		Refrigerant 製冷劑	Tonne CO ₂ e 噸二氧化碳當量	60.49	35.09
	Scope 1 in Total 範圍一匯總		Tonne CO ₂ e 噸二氧化碳當量	695,561.27	711,739.15

⁷ Calculation of emission of air pollutants and GHG and relevant emission factors are determined with reference to “How to prepare an ESG Report – Appendix II: Reporting Guidance on Environmental KPIs” issued by HKEX, “Emission Factors from Cross-Sector Tools” issued by GHG Protocol, the “Technical Guidance on Preparation of Emission Inventory of Air Pollutants from Road Vehicles”, the “Inventory Preparation Technical Guide on Non-road Mobile Source of Air Pollutant Emission”.

⁷ 大氣污染物排放及溫室氣體排放的計算方法及相關排放系數計算參考了聯交所發佈的《如何準備環境、社會及管治報告一附錄二：環境關鍵績效指標匯報指引》、溫室氣體協議發佈的《跨界別排放系數工具》、《道路機動車大氣污染物排放清單編制技術指南》、《非道路移動源大氣污染物排放清單編制技術指南》等標準。

KPIs OVERVIEW IN ENVIRONMENTAL ASPECTS⁷ 環境層面關鍵績效指標總覽⁷

GHG Emissions 溫室氣體排放	Source 排放源	Unit 單位	2024 2024年	2023 2023年
Scope 2: Indirect GHG Emission 範圍二：能源間接溫室氣體排放	Purchased Electricity 外購電力	Tonne CO ₂ e 噸二氧化碳當量	19,529.41	22,133.87
	Scope 2 in Total 範圍二匯總	Tonne CO₂e 噸二氧化碳當量	19,529.41	22,133.87
Scope 1 and Scope 2 Emission 範圍一及範圍二排放		Tonne CO₂e 噸二氧化碳當量	715,090.68	733,873.03
Intensity of Scope 1 and Scope 2 Emission 範圍一及範圍二排放密度		Tonne per HK\$ Million Revenues 噸二氧化碳當量／每港幣百萬元營業額	88.26	84.69
Scope 3: Indirect GHG Emission ⁸ 範圍三：其他間接溫室氣體排放 ⁸	Category 1: Purchased Goods and Services ⁹ 類別一：外購商品和服務 ⁹	Tonne CO ₂ e 噸二氧化碳當量	77,611.08	658.88 ⁹
	Category 2: Capital Goods ¹⁰ 類別二：資本商品 ¹⁰	Tonne CO ₂ e 噸二氧化碳當量	659.06	— ¹⁰
	Category 5: Waste Generated in Operations ¹¹ 類別五：營運中產生的廢棄物 ¹¹	Tonne CO ₂ e 噸二氧化碳當量	3,799.79	397.83 ¹¹
	Category 6: Business Travel 類別六：商務旅行	Tonne CO ₂ e 噸二氧化碳當量	276.07	223.97
	Scope 3 in Total 範圍三匯總	Tonne CO₂e 噸二氧化碳當量	82,345.99	1,280.68
Total GHG Emissions 溫室氣體排放總量		Tonne CO₂e 噸二氧化碳當量	797,250.71	735,153.71
Intensity of GHG Emissions 溫室氣體排放密度		Tonne per HK\$ Million Revenues 噸二氧化碳當量／每港幣百萬元營業額	98.40	84.83

⁸ During the year, the Group has categorised Scope 3 data in accordance with the GHG Protocol, ensuring the comprehensiveness and integrity of Scope 3 emissions data collection and calculation processes.

⁸ 本集團於本年度依照溫室氣體盤查議定書 (GHG Protocol) 對範圍三數據進行分類，以規範範圍三溫室氣體排放數據收集及計算的完整性。

⁹ Scope 3 Category 1 for 2023 covers diesel and acetylene from suppliers/contractors, and water processing only. Carbon emissions generated amounted to 241.23 tonnes of CO₂ equivalent, 18.36 tonnes of CO₂ equivalent and 399.28 tonnes of CO₂ equivalent, respectively. During the year, the Group expanded the Scope 3 Category 1 data collection to include raw materials sourced from suppliers, as well as services and supplies necessary for operational activities, resulting in an increase in Category 1 emissions compared to 2023.

⁹ 2023年度的範圍三類別一只涵蓋來自供應商／承包商的柴油和乙炔，以及食水處理，所導致的碳排放分別為241.23噸二氧化碳當量，18.36噸二氧化碳當量及399.28噸二氧化碳當量。本年度，本集團擴大範圍三類別一的數據收集範圍，新增了從供應商採購的原材料，以及營運活動所必需的服務和用品，因此類別一數據較2023年數據有所上升。

¹⁰ Category 2: Capital Goods was introduced as a new category for Scope 3 carbon emission this year. We did not collect the relevant data in 2023.

¹⁰ 類別二：資本商品為本年度新增範圍三碳排放數據類別，2023年尚未收集相關數據。

¹¹ In 2023, Scope 3 Category 5 only included wastewater treatment and waste disposal. Carbon emissions resulting from wastewater treatment and waste disposal amounted to 66.17 tonnes of CO₂ equivalent and 331.66 tonnes of CO₂ equivalent, respectively. During the year, the Group expanded the scope of data collection on operational waste to include the slag and desulfurisation and decarbonisation related by-products generated during the production process of Huanggu Thermoelectricity, in the scope of disclosure. Therefore, Category 5 emissions has increased as compared to 2023.

¹¹ 2023年度的範圍三類別五只涵蓋來廢水處理和廢棄物處理，所導致的碳排放分別為66.17噸二氧化碳當量和331.66噸二氧化碳當量。本年度，本集團擴大了營運廢棄物的數據收集範圍，將附屬公司皇姑熱電生產過程中產生的爐渣及脫硫脫碳相關的副產物納入披露範圍，因此類別五數據較2023年數據有所上升。

KPIs OVERVIEW IN ENVIRONMENTAL ASPECTS⁷ 環境層面關鍵績效指標總覽⁷

Wastes 廢棄物類別		Unit 單位	2024 2024年	2023 2023年
Total Hazardous Waste	有害廢棄物總量	Tonne 噸	0.4	0.75
Intensity of Hazardous Waste	有害廢棄物密度	Tonne per HK\$ Million Revenues 噸／每港幣百萬元營業額	53.07 × 10-6	86.55 × 10-6
Total Non-hazardous Waste	無害廢棄物總量	Tonne 噸	194,076.18	207,559.37
Intensity of Non-hazardous Waste	無害廢棄物密度	Tonne per HK\$ Million Revenues 噸／每港幣百萬元營業額	23.95	23.95
Energy Consumption 能源使用		Unit 單位	2024 2024年	2023 2023年
Gasoline	汽油	MWh 兆瓦時	1,188.08	1,290.77
Diesel	柴油	MWh 兆瓦時	1,996.38	2,394.50
LPG	液化石油氣	MWh 兆瓦時	— ¹²	102.44
Electricity	電力	MWh 兆瓦時	37,214.64	39,932.94
Lignite	褐煤	MWh 兆瓦時	1,845,031.17	1,891,245.84
Natural Gas	天然氣	MWh 兆瓦時	587.85	528.00
Acetylene	乙炔	MWh 兆瓦時	111.39	81.70

¹² Due to the kitchen renovation at Huanggu Thermoelectricity, which resulted in the complete replacement of LPG with electricity, there was no LPG consumption in 2024.
¹² 因皇姑熱電廚房改造，全面使用電力代替液化石油氣，因此2024年無液化石油氣消耗。

KPIs OVERVIEW IN ENVIRONMENTAL ASPECTS⁷ 環境層面關鍵績效指標總覽⁷

Energy Sold 能源外售		Unit 單位	2024 2024年	2023 2023年
Electricity Sold	外售電力	MWh 兆瓦時	69,739.68	74,355.60
Heat Sold	外售熱力	MWh 兆瓦時	1,478,483.11	1,525,753.31
On-grid Self-generated Photovoltaic Power ¹³ 自產光伏上網電量 ¹³		MWh 兆瓦時	187.80	76.41
Energy Consumption Within the Group 本集團內部的能源消耗量		Unit 單位	2024 2024年	2023 2023年
Total Energy Consumption ¹⁴	能源總耗量 ¹⁴	MWh 兆瓦時	337,372.36	335,390.87
Intensity of Energy Consumption	能源耗量密度	MWh per HK\$ Million Revenues 兆瓦時／每港幣百萬元營業額	41.64	38.70

¹³ Photovoltaic power generation has been included as a new environmental KPI this year. To ensure the completeness and comparability of the data, the Group also disclosed the amount of on-grid self-generated photovoltaic power in 2023 this year. The total energy consumption and intensity of energy consumption for 2023 have been restated. In 2024, the amount of electricity generated by Far East (Zhuhai), a subsidiary of the Group, from self-generated photovoltaic power was 1,547.90 MWh and the amount of electricity generated from self-generated photovoltaic power for self-consumption was 1,360.10 MWh. In 2023, Far East (Zhuhai) generated 843.18 MWh of electricity from self-produced PV and 766.77 MWh generated photovoltaic power for self-consumption. On-grid Self-generated Photovoltaic Power = Self-generated Photovoltaic Power – Self-consumption of Generated Photovoltaic Power

¹³ 光伏發電量為本年度新增環境層面關鍵績效指標。為確保數據的完整性和可比性，本集團亦同時披露2023年自產光伏上網電量，並對2023年能源總耗量以及能源耗量密度進行重列。2024年，本集團附屬公司遠東珠海自產光伏發電量為1,547.90兆瓦時，自產光伏自用發電量為1,360.10兆瓦時。2023年，本集團附屬公司遠東珠海自產光伏發電量為843.18兆瓦時，自產光伏自用發電量為766.77兆瓦時。自產光伏上網電量=自產光伏發電量－自產光伏自用發電量

¹⁴ Total energy consumption within the Group = Energy consumption – energy sold.

¹⁴ 本集團內部的能源總消耗量 = 能源使用－能源外售

KPIs OVERVIEW IN ENVIRONMENTAL ASPECTS⁷ 環境層面關鍵績效指標總覽⁷

Resource Use 資源使用		Unit 單位	2024 2024年	2023 2023年
Total Water Withdrawal	總取水量	Tonne 噸	2,257,714.72	2,361,089.64
Groundwater	地下水	Tonne 噸	1,288,805.00	1,394,956.00
Third-party Water	第三方的水	Tonne 噸	968,909.72	966,133.64
Intensity of Water Withdrawal	取水密度	Tonne per HK\$ Million Revenues 噸／每港幣百萬元營業額	278.66	272.46
Total Water Discharge ¹⁵	總排水量 ¹⁵	Tonne 噸	59,870.80	91,456.30
Intensity of Water Discharge	排水密度	Tonne per HK\$ Million Revenues 噸／每港幣百萬元營業額	7.39	10.55
Total Packaging Materials	包裝材料總量	Tonne 噸	971.40	932.61 ¹⁶
Intensity of Packaging Materials	包裝材料密度	Tonne per HK\$ Million Revenues 噸／每港幣百萬元營業額	0.12	0.11 ¹⁶
Total Non-renewable Materials	不可再生物料總量	Tonne 噸	49,007.44	55,942.33 ¹⁶
Intensity of Non-renewable Materials	不可再生物料密度	Tonne per HK\$ Million Revenues 噸／每港幣百萬元營業額	6.05	6.46 ¹⁶

¹⁵ All of our water discharges are freshwater, and directed to the public drainage.
¹⁵ 我們的所有排水均為淡水，並排至公共污水渠。
¹⁶ To ensure consistency in data calculation with the current year and maintain comparability, we have reviewed and updated the total amount of packaging materials and non-renewable materials for 2023. The associated density-related data has also been recalculated.
¹⁶ 為使數據口徑與本年度保持一致以及確保可比性，我們重新審視並更新了2023年包裝材料和不可再生物料的總量。與之關聯的密度相關數據亦重新計算。

APPENDIX I 附錄一：

ABOUT THE REPORT

關於本報告

The Group publishes the sustainability report in April every year. The Report aims to present the Group's sustainability performance in 2024 to respond to the issues related to sustainable development that stakeholders are concerned about for the financial year commencing from 1 January 2024, which is published in conjunction with the Annual Report. For more information on corporate governance, please refer to the「Corporate Governance Report」section in the Company's Annual Report 2024. The electronic version of the Report can be read and downloaded through the websites of the Group (www.cscd.com.hk) and HKEX.

REPORTING BOUNDARY

Unless otherwise specified, the time frame of the Report is from 1 January 2024 to 31 December 2024. The disclosure scope of the Report covers the business scope directly controlled by the Group, namely construction business (including facade contracting business and general contracting business) and operating management business (including supervision business and investing and operating business), and the operating locations include Hong Kong, Pearl River Delta, Shenyang, Shanghai, North America, etc., which is consistent with the coverage of the 2023 Sustainability Report.

Businesses	Subsidiaries covered in the Report
Façade contracting business	Far East (Hong Kong), Far East (Shanghai), Far East (Zhuhai), Gamma USA and Gamma Canada
General contracting business	Treasure Construction
Operating management business	China Overseas Supervision, and Huanggu Thermoelectricity

REPORTING BASIS AND GUIDELINE

The Report is prepared in accordance with the GRI Standards and the mandatory disclosure requirements and the 「Comply or Explain」 clauses in the ESG Reporting Guide. The content index is contained in the Appendix of the Report. The Report also refers to the UNSDGs.

本集團於每年4月份發佈可持續發展報告，旨在披露本集團於2024年度內的可持續發展表現，以回應各持份者所關注的可持續發展相關議題。由2024年1月1日起的財政年度在刊發年報時同時刊發本報告。關於企業管治相關內容請參閱本公司2024年年報中的「企業管治報告」章節。電子版報告可通過本集團網站(www.cscd.com.hk)和聯交所網站進行閱讀和下載。

報告範圍

除非另有說明，本報告所覆蓋的時間範圍為2024年1月1日至2024年12月31日。本報告的披露範圍涵蓋本集團直接控制的業務範圍，即建築工程業務（包括幕牆工程業務及總承包業務）及運營管理業務，營運地點包括香港、珠江三角洲、瀋陽、上海、北美等地區，與《2023可持續發展報告》涵蓋範圍一致。

業務	本報告涵蓋的附屬公司
幕牆工程業務	遠東香港、遠東上海、遠東珠海、遠東美國及遠東加拿大
總承包業務	海悅建築
運營管理業務	中海監理及皇姑熱電

編制基準及原則

本報告依照《GRI標準》以及《ESG報告指引》中的強制披露規定和「不遵守就解釋」條文進行編制，內容索引載於本報告附錄。同時，本報告在編制過程中亦參考了UNSDGs。

Materiality

In the course of compiling the Report, the Group carried out a stakeholder survey and materiality assessment to pinpoint significant topics. These topics formed the core focus of the Report, each receiving comprehensive elaboration and prominent presentation to directly address the matters of greatest concern to our stakeholders in relation to sustainability.

重要性

在報告編制過程中，本集團根據持份者調查及重要性評估，厘篩選出若干重要性議題。我們將這些議題視為報告的重中之重，並在本報告中予以詳細闡述和突出展示，以此精準地回應我們的持份者對可持續發展最為關心的問題。

Clarity and Quantitative

The Report discloses KPIs for environmental and social aspects in quantitative format as much as possible. The standards, methods and references sources for the statistical calculation of relevant data are also explained.

明確及量化

本報告盡可能以量化形式披露環境及社會層面的關鍵績效指標，並說明相關數據統計及計算的標準、方法及參考來源。

Accuracy, Balance and Completeness

The Board of Directors acknowledges its responsibility for overseeing the management of corporate sustainability and reviewing the truthfulness, accuracy, and completeness of the Report's content. This Report has been meticulously crafted with a balanced perspective.

準確性、平衡性和完整性

董事局認可其對本集團可持續發展的管理以及對報告內容的真實性、準確性、完整性進行審核的義務。本報告以平衡的觀點精心編寫而成。

Comparability and Consistency

Unless otherwise specified, this Report uses the same data collection and calculation methods as the 2023 Sustainability Report to enable meaningful comparisons with prior years' data.

可比性和一致性

除另有說明，本報告均採用與《2023年度可持續發展報告》一致的數據統計及計算方法，以便與往年數據做有意義之比較。

Stakeholder Inclusiveness

In this Report, we carefully identified all stakeholders related to our Group and provided detailed descriptions of how we, through specific actions and strategies, effectively met their expectations and protected their vested interests.

持份者包容性

在本報告中，我們仔細辨識了與本集團相關的各個持份者，並詳細描述了我們如何通過具體行動和策略，有效地迎合了他們的期望，並保護了他們的切身利益。

Sustainability Context

This Report provides a comprehensive overview of the Group's long-term sustainable development journey, highlighting both our current contributions and future plans. It illustrates how we adapt strategies in response to changing economic, environmental, and social conditions to achieve our sustainability goals.

可持續發展背景

本報告對本集團在長期可持續發展旅程中的表現進行了全面審視。它不僅概述了我們在當下的貢獻，也描繪了我們未來的發展藍圖。在這份報告中，我們展示了如何根據經濟、環境和社會狀況的演變，靈活調整策略，以實現我們的可持續發展目標。

Reliability

In the process of preparing this Report, the Group benefited from professional expertise and technical support provided by independent consultants. To ensure the accuracy and relevance of the information presented, the Group implemented stringent and unscheduled audits across various stages of data handling, including collection, recording, integration, analysis, and reporting. This comprehensive approach underscores the Group's commitment to maintaining high standards of transparency and reliability in their sustainability reporting.

Timeliness

To ensure the timeliness and accuracy of the data we collect, we have implemented rigorous standardised procedures. Furthermore, this Report will be published promptly to provide stakeholders with sufficient time to base their informed decisions on the most recent information.

REVIEW AND APPROVAL

The information contained in the Report has been independently verified by SGS Hong Kong Limited in accordance with the ESG Reporting Guide, the Board has reviewed the information contained in the Report and is responsible for its authenticity and validity, and for ensuring that the content contains no misstatement or misleading description. For details of the verification, please refer to Appendix II: Statement of Independent Verification on page 135.

FEEDBACK

The Group attaches great importance to the comments and feedback from various stakeholders, which we use as a basis to continuously enhance the Group's sustainability management and performance, as well as to continuously optimise the level of reporting disclosure.

Kindly contact the Group in the following ways if you have any comments and feedback:

Tel: (852) 2557 3121

Fax: (852) 2595 8811

Email : info.cscd@cohl.com

Head Office Address : 16th Floor, Eight Commercial Tower, 8 Sun Yip Street, Chai Wan, Hong Kong

可靠性

在本報告的撰寫過程中，本集團得到了獨立顧問提供的專業知識與技術支援。為了確保所呈現信息的精確度和相關性，我們對編制報告所涉及的數據收集、記錄、整合、分析以及報告流程進行了嚴格和不定期的審核。

時效性

為了確保所收集數據的時效性和準確性，我們採用了嚴格的標準化流程。此外，本報告將及時公佈，旨在為持份者提供充分的時間，以便他們能基於最新的信息做出理智的決策。

審核及批准

本報告中的資料已由香港通用檢測認證有限公司根據《ESG報告指引》進行獨立驗證，且由董事局審閱並對所載信息的真實性及有效性負責，確保內容不存在任何虛假記載或誤導性描述。驗證詳情請參閱第135頁的附錄二：獨立驗證聲明。

意見反饋

本集團高度重視各持份者的意見和反饋，並以此為基礎不斷提升本集團的可持續發展管理及表現，同時持續優化報告披露水平。

如有任何意見及反饋，歡迎通過以下方式與本集團聯繫：

電話：(852) 2557 3121

傳真：(852) 2595 8811

電郵：info.cscd@cohl.com

總部地址：香港柴灣新業街8號八號商業廣場16樓

APPENDIX II 附錄二：

INDEPENDENT VERIFICATION STATEMENT

獨立驗證聲明



ASSURANCE STATEMENT

SGS HONG KONG LIMITED'S REPORT ON THE SUSTAINABILITY REPORT OF CHINA STATE CONSTRUCTION DEVELOPMENT HOLDINGS LIMITED FOR 2024

NATURE OF THE ASSURANCE/VERIFICATION

SGS Hong Kong Limited (hereinafter referred to as SGS) was commissioned by China State Construction Development Holdings Limited (hereinafter referred to as CSCD) to conduct an independent assurance of the China State Construction Development Holdings Limited 2024 Sustainability Report (hereinafter referred to as the Report). The reporting period of the Report is 1 January to 31 December 2024.

INTENDED USERS OF THIS ASSURANCE STATEMENT

This Assurance Statement is provided with the intention of informing all CSCD's Stakeholders.

RESPONSIBILITIES

The information in the Report and its presentation are the responsibility of the directors and the management of CSCD. SGS has not been involved in the preparation of any of the material included in the Report.

Our responsibility is to express an opinion on the text, data, graphs and statements within the scope of verification with the intention to inform all CSCD's stakeholders.

ASSURANCE STANDARDS, TYPE AND LEVEL OF ASSURANCE

The SGS ESG & Sustainability Report Assurance (SRA) protocols used to conduct assurance are based upon internationally recognised reporting and assurance guidance and standards including the Environmental, Social and Governance Reporting Guide of the Stock Exchange of Hong Kong Limited, the principles of reporting process contained within the Global Reporting Initiative Sustainability Reporting Standards (GRI Standards) GRI 1: Foundation 2021 for report quality, GRI 2 General Disclosure 2021 for organisation's reporting practices and other organizational detail, GRI 3 2021 for organisation's process of determining material topics, its list of material topics and how to manage each topic, and the guidance on levels of assurance contained in the International Standard on Assurance Engagements 3000 (Revised) – Assurance Engagements Other Than Audits or Reviews of Historical Financial Information (ISAE 3000).

The assurance of this report has been conducted according to the following Assurance Standards:

Assurance Standards		Level of Assurance
A	SGS ESG & SRA Assurance Protocols (based on GRI Principles and guidance in AA1000)	n/a
B	ISAE 3000	Reasonable

Assurance has been conducted at a reasonable level of scrutiny.

SCOPE OF ASSURANCE AND REPORTING CRITERIA

The scope of the assurance included evaluation of quality, accuracy and reliability of specified performance information as detailed below and evaluation of adherence to the following reporting criteria:

Reporting Criteria	
1	GRI Standards (Reference)
2	Stock Exchange of Hong Kong Limited, Environmental, Social and Governance Reporting Guide

SPECIFIED PERFORMANCE INFORMATION AND DISCLOSURES INCLUDED IN SCOPE

- Selected environmental indicators and information
- Selected social and governance indicators and information, specifically including the average training hours of employees and the lost working days rate due to work injury

We believe the calculation of the average training hours of employees and the lost working days rate due to work injury (collectively known as the Specified Performance Indicators) are correctly stated in the report. The targets of the Specified Performance Indicators for Year 2024 (the Target Year) are respectively equal or more than 46.2 hours (+1.75% against base year) and 9.8 days per 200,000 hours worked (-23.23% against base year). The targets of the Specified Performance Indicators are met numerically in the Target Year.

ASSURANCE METHODOLOGY

The assurance comprised a combination of pre-assurance research, communication with relevant employees; documentation and record review and validation.

LIMITATIONS AND MITIGATION

Financial data drawn directly from independently audited financial accounts has not been checked back to source as part of this assurance process.

STATEMENT OF INDEPENDENCE AND COMPETENCE

The SGS Group of companies is the world leader in inspection, testing and verification, operating in more than 140 countries and providing services including management systems and service certification; quality, environmental, social and ethical auditing and training; environmental, social and sustainability report assurance. SGS affirms our independence from CSCD, being free from bias and conflicts of interest with the organisation, its subsidiaries and stakeholders.

The assurance team was assembled based on their knowledge, experience and qualifications for this assignment.

ASSURANCE/VERIFICATION OPINION

On the basis of the methodology described and the verification work performed, we are satisfied that the specified performance information included in the scope of assurance is accurate and reliable, has been fairly stated and has been prepared, in all material respects, in accordance with the reporting criteria.

We believe that CSCD has chosen an appropriate level of assurance for this stage in their reporting.

Signed:

For and on behalf of SGS Hong Kong Limited

Miranda Kwan
Director, Business Assurance
Units 303 & 305, 3/F., Building 22E, Phase 3, Hong Kong Science Park, New Territories, Hong Kong
7 Apr 2025

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APPENDIX II 附錄二：

INDEPENDENT VERIFICATION STATEMENT

獨立驗證聲明



驗證聲明

香港通用檢測認證有限公司對中國建築興業集團有限公司的 2024年可持續發展報告的驗證

驗證/核證的性質

香港通用檢測認證有限公司（以下簡稱SGS）獲中國建築興業集團有限公司（以下簡稱 中國建築興業）委託對其 2024年可持續發展報告（以下簡稱報告）進行獨立驗證。報告的報告期為2024年1月1日至12月31日。

本驗證聲明的預期使用者

本驗證聲明旨在告知中國建築興業的所有持份者。

責任

報告中的資訊及其匯報為中國建築興業的董事，以及管理層的責任，SGS並未參與報告中任何材料的準備工作。

我們的責任是就核查範圍內的案文、數據、圖表和聲明發表意見，以便通知中國建築興業的所有持份者。

驗證標準、類型和級別

用於執行驗證的 SGS 環境、社會及管治和可持續發展報告驗證規章建基於國際公認的報告及驗證指引和標準，包括全球報告倡議組織的可持續性報告標準（GRI 標準）中包含的報告質量原則 GRI 1：基礎 2021、報導組織的操作慣例及其他組織的詳細的揭露項目 GRI 2：一般揭露2021、組織識別重大議題、重大議題清單及怎樣管理每個議題的流程的GRI 3：重大主題、以及《國際驗證業務標準 (ISAE) 3000 修訂版，歷史財務資訊審計及審查以外的驗證業務》(ISAE 3000) 中包含的驗證級別指引。

此報告之驗證根據以下的驗證標準執行：

驗證標準		驗證級別
A	SGS 環境、社會及管治和可持續發展報告驗證規章 (基於 GRI 標準及 AA1000 所包含的指引)	n/a
B	ISAE 3000	合理

此驗證已在合理審查程度下執行。

驗證範圍和報告標準

驗證範圍包括如下對特定表現資訊詳述的資訊質量、準確性和可靠性的評估，以及衡量驗證範圍和以下報告標準的一致性：

報告標準	
1	GRI 標準（參考）
2	香港聯交所環境、社會及管治報告指引

驗證範圍內的特定表現資訊及披露

- 選定環境指標及資訊
- 選定社會及管治指標及資訊，其中已包括員工的平均培訓時數及因工傷損失工作日數率

我們相信員工平均培訓時數和因工傷損失工作日數率（統稱為選定績效指標）的計算在報告中被正確地陳述。2024年（目標年）的選定績效指標目標分別為等於或多於46.2小時（與基線年相比增加1.75%）和每 200,000 工作小時為9.8天（與基線年相比減少23.23%）。選定績效指標在數字上都於目標年達到了目標。

驗證方法

此驗證包括驗證前研究、與相關員工溝通、相關文件和紀錄審查以及驗證。

限制和緩解

直接從獨立審計的財務賬戶中提取的財務數據並未在此驗證過程中進行回溯檢查。

獨立聲明及能力

SGS集團是全球領先的檢驗、測試和驗證機構，在140多個國家經營業務，提供的服務包括管理體系和服務認證、質量、環境、社會和道德審核及培訓、以及環境、社會和可持續發展報告驗證。SGS申明我們獨立於中國建築興業，與其組織、子公司和持份者之間沒有偏見和利益衝突。

驗證團隊之成立基於成員對於此驗證的知識、經驗及資格。

驗證/核證意見

基於所描述的方法和所執行的驗證工作，我們對驗證範圍內的特定表現資訊感到滿意，內容均為準確及可信、並合理地列出及準備。此已根據報告標準並適用於所有重大議題。

我們認為，在此匯報階段，中國建築興業選擇了適當的驗證級別。

簽署：

代表香港通用檢測認證有限公司

關靜儀

總監

管理與保證

香港新界香港科學園3期22E棟3樓303及305室

2025 年 4 月 7 日

www.sgs.com

APPENDIX III 附錄三：

COMPLIANCE WITH LAWS AND REGULATIONS THAT HAVE SIGNIFICANT IMPACTS ON THE GROUP

遵守對本集團有重大影響的相關法律法規

Laws and Regulations that the Group Complies with and Have Significant Impacts on the Group (Including but not limited to) 本集團遵守的對本集團有重大影響的法律和法規（包括但不限於）				
Aspects of ESG Reporting Guide 《ESG報告指引》層面	Chinese Mainland 中國內地	Hong Kong 香港	International and Overseas 國際及海外	Compliance During the Reporting Period 報告期內合規情況
Environmental 環境範疇 Aspect A1: Emissions 層面A1：排放物	- Environmental Protection Law of the People's Republic of China 《中華人民共和國環境保護法》 - Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste 《中華人民共和國固體廢物污染環境防治法》 - Standard for Pollution Control on Hazardous Waste Storage 《危險廢物貯存污染控制標準》 - Law of the People's Republic of China on the Prevention and Control of Ambient Noise Pollution 《中華人民共和國環境噪聲污染防治法》 - Law of the People's Republic of China on Environmental Impact Assessment 《中華人民共和國環境影響評價法》 - Environmental Protection Tax Law of the People's Republic of China 《中華人民共和國環境保護稅法》	- Air Pollution Control Ordinance (Cap.311) 《空氣污染管制條例》(Cap.311) - Water Pollution Control Ordinance (Cap.358) 《水污染管制條例》(Cap.358) - Waste Disposal Ordinance (Cap.354) 《廢物處置條例》(Cap.354) - Noise Control Ordinance (Cap.400) 《噪音管制條例》(Cap.400) - Ozone Layer Protection Regulations (Cap.403) 《保護臭氧條例》(Cap.403)	Canadian Environmental Protection Act 《加拿大環境保護法》	There is no violation of laws and regulations that have a significant impact on the Group relating to air and GHG emissions, discharges into water and land, and generation of hazardous and non-hazardous waste. 未有違反對本集團有重大影響並與廢氣和溫室氣體排放、向水及土地的排污廢棄物產生及處置相關的法律及法規。

Laws and Regulations that the Group Complies with and Have Significant Impacts on the Group (Including but not limited to) 本集團遵守的對本集團有重大影響的法律和法規 (包括但不限於)				
Aspects of ESG Reporting Guide 《ESG報告指引》層面	Chinese Mainland 中國內地	Hong Kong 香港	International and Overseas 國際及海外	Compliance During the Reporting Period 報告期內合規情況

- Guides on Environmental Protection Tax Law of the People's Republic of China
《中華人民共和國環境保護稅法實施條例》
- Law of the People's Republic of China on the Promotion of Clean Production
《中華人民共和國清潔生產促進法》
- Atmospheric Pollution Prevention and Control Law of the People's Republic of China
《中華人民共和國大氣污染防治法》
- Water Pollution Prevention and Control Law of the People's Republic of China
《中華人民共和國水污染防治法》
- Integrated Wastewater Discharge Standard
《污水綜合排放標準》

**Laws and Regulations that the Group Complies with and Have Significant Impacts on the Group
(Including but not limited to)**

本集團遵守的對本集團有重大影響的法律和法規（包括但不限於）

Aspects of ESG Reporting Guide 《ESG報告指引》層面	Chinese Mainland 中國內地	Hong Kong 香港	International and Overseas 國際及海外	Compliance During the Reporting Period 報告期內合規情況
Social 社會範疇 Aspect B1: Employment 層面B1：僱傭	- Labour Law of the People's Republic of China 《中華人民共和國勞動法》 - Labor Contract Law of the People's Republic of China 《中華人民共和國勞動合同法》 - Social Insurance Law of the People's Republic of China 《中華人民共和國社會保險法》 - Law of the People's Republic of China on the Protection of Rights and Interests of Women 《中華人民共和國婦女權益保障法》 - Law of the People's Republic of China on the Protection of Disabled Persons 《中華人民共和國殘疾人保障法》 - Employment Promotion Law of the People's Republic of China 《中華人民共和國就業促進法》 - Law of the People's Republic of China on Labour-dispute Mediation and Arbitration 《中華人民共和國勞動爭議調解仲裁法》 - Law of the People's Republic of China on the Protection of Minors 《中華人民共和國未成年人保護法》 - Regulation on Paid Annual Leave for Employees 《職工帶薪年休假條例》 - Regulation on Public Holidays for National Annual Festivals and Memorial Days 《全國年節及紀念日放假辦法》	- Employment Ordinance (Cap.57) 《僱傭條例》(Cap.57) - Sex Discrimination Ordinance (Cap.480) 《性別歧視條例》(Cap.480) - Mandatory Provident Fund Schemes Ordinance (Cap.485) 《強制性公積金計劃條例》(Cap.485) - Employees' Compensation Ordinance (Cap.282) 《僱員補償條例》(Cap.282) - Minimum Wage Ordinance (Cap.608) 《最低工資條例》(Cap.608)	- Employment Standards Act (Ontario) 《加拿大安大略就業法》 - Fair Standards Act 《公平勞動標準法》 - Labour Law 《勞動法》	There is no violation of laws and regulations that have a significant impact on the Group relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, and other benefits and welfare. 未有違反對本集團有重大影響並與薪酬及解僱、招聘及晉升、工作時數、假期、平等機會、其他待遇及福利相關的法律法規。

**Laws and Regulations that the Group Complies with and Have Significant Impacts on the Group
(Including but not limited to)**

本集團遵守的對本集團有重大影響的法律和法規（包括但不限於）

Aspects of ESG Reporting Guide 《ESG報告指引》層面	Chinese Mainland 中國內地	Hong Kong 香港	International and Overseas 國際及海外	Compliance During the Reporting Period 報告期內合規情況
Aspect B2: Health and Safety 層面B2：健康與安全	- Work Safety Law of the People's Republic of China 《中華人民共和國安全生產法》 - Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases 《中華人民共和國職業病防治法》 - Fire Protection Law of the People's Republic of China 《中華人民共和國消防法》 - Emergency Response Law of the People's Republic of China 《中華人民共和國突發事件應對法》 - Regulation on the Safety Management of Hazardous Chemicals 《危險化學品安全管理條例》 - Regulations on Labor Protection in Workplaces Where Toxic Substances Are Used 《使用有毒物品作業場所勞動保護條例》 - Regulations on the Reporting, Investigation and Disposition of Work Safety Accidents 《生產安全事故報告和調查處理條例》	- Occupational Safety and Health Ordinance (Cap.509) 《職業安全及健康條例》(Cap.509.) - Fire Safety (Commercial Premises) Ordinance (Cap.502) 《消防安全(商業處所)條例》(Cap.502) - Buildings Ordinance (Cap.123) 《建築物條例》(Cap.123) - Dangerous Goods Ordinance (Cap.295) 《危險品條例》(Cap.295) - Factories and Industrial Undertakings Ordinance (Cap.59) 《工廠及工業經營條例》(Cap.59)	- New Jersey Public Employees Occupational Safety and Health Act 《新澤西僱員職業安全與健康法案》 - NYC Construction Codes 《紐約市建築規範》 - Occupational Safety and Health Convention 《職業安全和衛生及工作環境公約》 - Workplace Safety and Insurance Act in Ontario, Canada 《加拿大安大略省工作場所安全與保險法案》	There is no violation of laws and regulations that have a significant impact on the Group relating to providing a safe working environment and protecting employees from occupational hazards. 未有違反對本集團有重大影響並與提供安全工作環境及保障員工避免職業性危害相關的法律法規。

Laws and Regulations that the Group Complies with and Have Significant Impacts on the Group (Including but not limited to) 本集團遵守的對本集團有重大影響的法律和法規 (包括但不限於)				
Aspects of ESG Reporting Guide 《ESG報告指引》層面	Chinese Mainland 中國內地	Hong Kong 香港	International and Overseas 國際及海外	Compliance During the Reporting Period 報告期內合規情況
	- Regulation on Work-Related Injury Insurances 《工傷保險條例》 - Provisions on the Administration of Occupational Health at Workplaces 《工作場所職業衛生管理規定》 - Technical Specification for Occupational Health Surveillance 《職業健康檢查管理辦法》 - Measures for the Administration of Occupational Health Examination 《職業健康檢查管理辦法》 - Regulations on Emergency Plan For Workplace Safety Accidents 《生產安全事故應急預案管理辦法》			
Aspect B4: Labour Standards 層面B4：勞工準則	- Labour Law of the People's Republic of China 《中華人民共和國勞動法》 - Provisions on the Prohibition of Using Child Labour 《禁止使用童工規定》	- Employment of Children Regulations (Cap.57B) 《僱用兒童規例》(Cap.57B) - Employment of Young Persons (Industry) Regulations (Cap.57C) 《僱用青年(工業)規例》(Cap.57C)	- Employment Stand Act in Ontario, Canada 《加拿大安大略省就業標準法案》 - Prohibition and Immediate Action for the Elimination of the Worst Forms of Child Labour 《禁止和立即行動消除最惡劣形式的童工勞動公約》	There is no violation of laws and regulations that have a significant impact on the Group relating to preventing child and forced labour. 未有違反對本集團有重大影響並與防止童工及強制勞工相關的法律法規。

**Laws and Regulations that the Group Complies with and Have Significant Impacts on the Group
(Including but not limited to)**

本集團遵守的對本集團有重大影響的法律和法規 (包括但不限於)

Aspects of ESG Reporting Guide 《ESG報告指引》層面	Chinese Mainland 中國內地	Hong Kong 香港	International and Overseas 國際及海外	Compliance During the Reporting Period 報告期內合規情況
Aspect B6: Product Responsibility 層面B6：產品責任	- Product Quality Law of the People's Republic of China 《中華人民共和國產品質量法》 - Law of the People's Republic of China on the Protection of Consumers' Rights and Interests 《中華人民共和國消費者權益保護法》 - Patent Law of the People's Republic of China 《中華人民共和國專利法》	- Trade Descriptions Ordinance (Cap.362) 《商品說明條例》(Cap.362) - Personal Data (Privacy) Ordinance (Cap.486) 《個人資料(私隱)條例》(Cap.486) - Sale of Goods Ordinance (Cap.26) 《貨品售賣條例》(Cap.26) - Hong Kong Code of Practice for Wind Effects-2019 《香港風力效應作業守則-2019年》 - Code of Practice for the Structural Use of Glass 2018 《2018年香港玻璃結構作業守則》 - Code of Practice for the Structural Uses of Steel 2011 《2011年香港鋼結構作業守則》	- Canada Consumer Product Safety Act 《加拿大產品責任法》 - Building Act 1984 《建築法案1984》 - Building Control Act 1966 《建築控制法案1966》 - London Building Act 1930 《倫敦建築法案1930》 - Patents Act 2004 《專利法案2004》 - Consumer Protection Act 1987 《消費者保護法案1987》 - Consumer Rights Act 2015 《消費者權益法案2015》 - Trade Act 2021 《貿易法案2021》 - The Data Protection, Privacy and Electronic Communications (Amendments etc) (EU Exit) Regulations 2020 《數據保護、隱私和電子通信(修正案等)(退出歐盟)條例2020》 - The Quality Schemes (Agricultural Products and Foodstuffs) Regulations 2018 《質量計劃(農產品和食品)條例2020》	There is no violation of laws and regulations that have a significant impact on the Group and relate to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress. 未有違反對本集團有重大影響並與提供的產品及服務的健康與安全、廣告、標籤及私隱事宜以及補救方法相關的法律法規

Laws and Regulations that the Group Complies with and Have Significant Impacts on the Group
(Including but not limited to)
本集團遵守的對本集團有重大影響的法律和法規 (包括但不限於)

Aspects of ESG Reporting
Guide
《ESG報告指引》層面

Chinese Mainland
中國內地

Hong Kong
香港

International and Overseas
國際及海外

Compliance During
the Reporting Period
報告期內合規情況

- Marketing of Quality Agricultural Products Grant Regulations (Northern Ireland) 2002
《優質農產品營銷補助條例 (北愛爾蘭) 2002》
- British Steel Act 1988
《鋼鐵法案1988》
- Sale of Goods (Amendment) Act 1995
《貨物銷售 (修正案) 法案1995》
- Import and Export Control Act 1990
《進出口管制法案1990》
- The Customs (Import Duty Variation) (EU Exit) Regulations 2020
《海關 (進口關稅變更) (退出歐盟) 條例2020》

Laws and Regulations that the Group Complies with and Have Significant Impacts on the Group (Including but not limited to) 本集團遵守的對本集團有重大影響的法律和法規（包括但不限於）				
Aspects of ESG Reporting Guide 《ESG報告指引》層面	Chinese Mainland 中國內地	Hong Kong 香港	International and Overseas 國際及海外	Compliance During the Reporting Period 報告期內合規情況
Aspect B7: Anti-Corruption 層面B7：反貪污	- Criminal Law of the People's Republic of China 《中華人民共和國刑法》 - Company Law of the People's Republic of China 《中華人民共和國公司法》 - Law of the People's Republic of China Against Unfair Competition 《中華人民共和國反不正當競爭法》 - Law of the People's Republic of China on Bid Invitation and Bidding 《中華人民共和國招標投標法》 - Regulation on the Implementation of the Bidding Law of the People's Republic of China 《中華人民共和國招標投標法實施條例》 - Supervision Law of the People's Republic of China 《中華人民共和國監察法》	Prevention of Bribery Ordinance (Cap.201) 《防止賄賂條例》(Cap.201)	Criminal Code of Canada 《加拿大刑法》	There is no violation of laws and regulations that have a significant impact on the Group relating to bribery, extortion, fraud and money laundering. 未有違反對本集團有重大影響並與賄賂、勒索、欺詐及洗黑錢相關的法律法規。

APPENDIX IV 附錄四：

CONTENT INDEX OF THE ESG REPORTING GUIDE OF HKEX

聯交所《ESG報告指引》內容索引

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX 聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標		Location of Disclosure 披露位置
Mandatory Disclosure Requirements 強制披露規定		
Governance Structure 管治架構	A statement from the board containing the following elements: 由董事局發出的聲明，當中載有下列內容： (i) a disclosure of the board's oversight of ESG issues; i. 披露董事局對環境、社會及管治事宜的監管； (ii) the board's ESG management approach and strategy, including the process used to evaluate, prioritise and manage material ESG – related issues (including risks to the issuer's businesses); and ii. 董事局的環境、社會及管治管理方針及策略，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（包括對發行人業務的風險）的過程；及 (iii) how the board reviews progress made against ESG – related goals and targets with an explanation of how they relate to the issuer's businesses. iii. 董事局如何按環境、社會及管治相關目標檢討進度，並解釋它們如何與發行人業務有關連。	Message from the Board; 董事局寄語； Sustainability Management – Sustainability Governance 可持續發展管理 – 可持續發展管治 Undertaking Low – Carbon Environmental Stewardship – Responding to Climate Change 承擔低碳環保之任 – 應對氣候變化

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX	Location of Disclosure
聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標	披露位置
Reporting Principles 匯報原則 A description of, or an explanation on, the application of the following Reporting Principles in the preparation of the ESG report: 描述或解釋在編備環境、社會及管治報告時如何應用匯報原則： Materiality: The ESG report should disclose: (i) the process to identify and the criteria for the selection of material ESG factors; (ii) if a stakeholder engagement is conducted, a description of significant stakeholders identified, and the process and results of the issuer's stakeholder engagement. 重要性：(i)識別重要環境、社會及管治因素的過程及選擇這些因素的準則；(ii)如發行人已進行持份者參與，已識別的重要持份者的描述及發行人持份者參與的過程及結果。 Quantitative: Information on the standards, methodologies, assumptions and/or calculation tools used, and source of conversion factors used, for the reporting of emissions/energy consumption (where applicable) should be disclosed. 量化：有關匯報排放量／能源耗用(如適用)所用的標準、方法、假設及／或計算工具的數據，以及所使用的轉換因素的來源應予披露。 Consistency: The issuer should disclose in the ESG report any changes to the methods or KPIs used, or any other relevant factors affecting a meaningful comparison. 一致性：發行人應在環境、社會及管治報告中披露統計方法或關鍵績效指標的變更(如有)或任何其他影響有意義比較的相關因素。 Balance: The ESG report should provide an unbiased picture of the issuer's performance. The report should avoid selections, omissions, or presentation formats that may inappropriately influence a decision or judgment by the report reader. 平衡：環境、社會及管治報告應當不偏不倚地呈報發行人的表現，避免可能會不恰當地影響報告讀者決策或判斷的選擇、遺漏或呈報格式。	Appendix I: About the Report – Reporting Basis and Guidelines 附錄一：關於本報告 – 編制基準及原則
Reporting Boundary 匯報範圍 A narrative explaining the reporting boundaries of the ESG report and describing the process used to identify which entities or operations are included in the ESG report. If there is a change in the scope, the issuer should explain the difference and reason for the change. 解釋環境、社會及管治報告的匯報範圍，及描述挑選哪些實體或業務納入環境、社會及管治報告的過程。若匯報範圍有所改變，發行人應解釋不同之處及變動原因。	Appendix I: About the Report – Reporting Boundary 附錄一：關於本報告 – 報告範圍

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX 聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標		Location of Disclosure 披露位置
“Comply or explain” Provisions 「不遵守就解釋」條文		
Environmental 環境		
Aspect A1: Emissions 層面A1：排放物		
General Disclosure 一般披露	Information on: 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) the policies ; and (a) 政策；及 (b) compliance with relevant laws and regulations that have a significant impact on the issuer (b) 遵守對發行人有重大影響的相關法律及規例的資料。 relating to air emissions, discharges into water and land, and generation of hazardous and non-hazardous waste.	Undertaking Low – Carbon Environmental Stewardship 承擔低碳環保之任 Appendix III: Compliance with Laws and Regulations that Have Significant Impacts on the Group 附錄三：遵守對本集團有重大影 響的相關法律法規
KPI A1.1 指標A1.1	The types of emissions and respective emissions data. The types of emissions and respective emissions data. 排放物種類及相關排放數據。	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
KPI A1.2 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）。	Undertaking Low – Carbon Environmental Stewardship – Responding to Climate Change 承擔低碳環保之任 – 應對氣候 變化 KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
KPI A1.3 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（如適用）密度（如以每產量單位、每項設施計算）。	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX 聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標		Location of Disclosure 披露位置
KPI A1.4 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)	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
KPI A1.5 指標A1.5	Description of emission 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。	Undertaking Low – Carbon Environmental Stewardship – Responding to Climate Change 承擔低碳環保之任 – 應對氣候變化 Undertaking Low – Carbon Environmental Stewardship – Pollutant and Emissions Management 承擔低碳環保之任 – 污染物排放管理
KPI A1.6 指標A1.6	Description of how hazardous and non-hazardous wastes are handled, and a description of reduction target(s) set and steps taken to achieve them. 描述處理有害及無害廢棄物的方法，及描述所訂立的減廢目標及為達到這些目標所採取的步驟。	Undertaking Low – Carbon Environmental Stewardship – Waste Management 承擔低碳環保之任 – 廢棄物管理
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。	Undertaking Low – Carbon Environmental Stewardship – Responding to Climate Change 承擔低碳環保之任 – 應對氣候變化 Undertaking Low – Carbon Environmental Stewardship – Water and Effluents 承擔低碳環保之任 – 水與廢水

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX 聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標		Location of Disclosure 披露位置
KPI A2.1 指標A2.1	Direct and/or indirect 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)。	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
KPI A2.2 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)。	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
KPI A2.3 指標A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them. 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。	Undertaking Low – Carbon Environmental Stewardship – Responding to Climate Change 承擔低碳環保之任 – 應對氣候變化
KPI A2.4 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。	Undertaking Low – Carbon Environmental Stewardship – Water and Effluents 承擔低碳環保之任 – 水與廢水
KPI A2.5 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)每生產單位估量。	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
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 impact on the environment and natural resources. 減低發行人對環境及天然資源造成重大影響的政策。	Undertaking Low – Carbon Environmental Stewardship 承擔低碳環保之任
KPI A3.1 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。	Undertaking Low – Carbon Environmental Stewardship 承擔低碳環保之任

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX

聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標

Location of Disclosure

披露位置

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。

Undertaking Low – Carbon
Environmental Stewardship –
Responding to Climate Change
承擔低碳環保之任 – 應對氣候
變化

KPI A4.1
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。

Undertaking Low – Carbon
Environmental Stewardship –
Responding to Climate Change
承擔低碳環保之任 – 應對氣候
變化

Social
社會

Employment and Labour Practices
僱傭及勞工常規

Aspect B1: Employment

層面B1：僱傭

General Disclosure
一般披露

Information on:
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) the policies ; and
- (a) 政策；及
- (b) compliance with relevant laws and regulations that have a significant impact on the issuer
- (b) 遵守對發行人有重大影響的相關法律及規例的資料。

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

Embracing People – Oriented
Principles – Inclusive Workplace
貫徹以人為本之理 – 多元共融
職場

Appendix III: Compliance with
Laws and Regulations that Have
Significant Impacts on the Group
附錄三：遵守對本集團有重大影
響的相關法律法規

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX 聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標		Location of Disclosure 披露位置
KPI B1.1 指標B1.1	Total workforce by gender, employment type (for example, full – or part – time), 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。	KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
KPI B1.2 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。	KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
Aspect B2: Health and Safety 層面B2：健康與安全		
General Disclosure 一般披露	Information on: 有關提供安全工作環境及保障僱員避免職業性危害的： (a) the policies ; and (a)政策；及 (b) compliance with relevant laws and regulations that have a significant impact on the issuer (b)遵守對發行人有重大影響的相關法律及規例的資料。 relating to providing a safe working environment and protecting employees from occupational hazards.	Embracing People – Oriented Principles – Occupational Health and Safety 貫徹以人為本之理 – 職業健康安全 Appendix III: Compliance with Laws and Regulations that Have Significant Impacts on the Group 附錄三：遵守對本集團有重大影響的相關法律法規
KPI B2.1 指標B2.1	Number and rate of work-related fatalities occurred in each of the past three years including the reporting year. 過去三年（包括匯報年度）每年因工亡故的人數及比率。	KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
KPI B2.2 指標B2.2	Lost days due to work injury. 因工傷損失工作日數。	KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
KPI B2.3 指標B2.3	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。	Embracing People – Oriented Principles – Occupational Health and Safety 貫徹以人為本之理 – 職業健康安全

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX 聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標		Location of Disclosure 披露位置
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。 Note: Training refers to vocational training. It may include internal and external courses paid by the employer. 註：培訓指職業培訓，可包括由僱主付費的內外部課程。	Embracing People – Oriented Principles – Training and Development 貫徹以人為本之理 – 培訓和發展
KPI B3.1 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、中級管理層等）劃分的受訓僱員百分比。	KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
KPI B3.2 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。	KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
Aspect B4: Labour Standards 層面B4：勞工準則		
General Disclosure 一般披露	Information on: 有關防止童工或強制勞工的： (a) the policies ; and (a) 政策；及 (b) compliance with relevant laws and regulations that have a significant impact on the issuer (b) 遵守對發行人有重大影響的相關法律及規例的資料。 relating to preventing child and forced labour.	Embracing People – Oriented Principles – Inclusive Workplace 貫徹以人為本之理 – 多元共融職場 Appendix III: Compliance with Laws and Regulations that Have Significant Impacts on the Group 附錄三：遵守對本集團有重大影響的相關法律法規
KPI B4.1 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。	Embracing People – Oriented Principles – Inclusive Workplace 貫徹以人為本之理 – 多元共融職場

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX 聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標		Location of Disclosure 披露位置
KPI B4.2 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。	Embracing People – Oriented Principles – Inclusive Workplace 貫徹以人為本之理 – 多元共融職場
Operating Practices 營運慣例		
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。	Fulfilling Sustainable Procurement Responsibilities – Responsible Procurement 履行可持續採購之責 – 負責任採購
		Fulfilling Sustainable Procurement Responsibilities – Supply Chain Resilience 履行可持續採購之責 – 供應鏈韌性
KPI B5.1 指標B5.1	Number of suppliers by geographical region. 按地區劃分的供貨商數目。	KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
KPI B5.2 指標B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, 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。	Fulfilling Sustainable Procurement Responsibilities – Responsible Procurement 履行可持續採購之責 – 負責任採購
		Fulfilling Sustainable Procurement Responsibilities – Supply Chain Resilience 履行可持續採購之責 – 供應鏈韌性

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX 聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標		Location of Disclosure 披露位置
KPI B5.3 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。	Fulfilling Sustainable Procurement Responsibilities – Responsible Procurement 履行可持續採購之責 – 負責任採購 Fulfilling Sustainable Procurement Responsibilities – Supply Chain Resilience 履行可持續採購之責 – 供應鏈韌性
KPI B5.4 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. 描述在揀選供貨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。	Undertaking Low – Carbon Environmental Stewardship – Waste Management 承擔低碳環保之任 – 廢棄物管理 Fulfilling Sustainable Procurement Responsibilities – Responsible Procurement 履行可持續採購之責 – 負責任採購 Fulfilling Sustainable Procurement Responsibilities – Supply Chain Resilience 履行可持續採購之責 – 供應鏈韌性

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX 聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標		Location of Disclosure 披露位置
Aspect B6: Product Responsibility 層面B6：產品責任		
General Disclosure 一般披露	Information on: 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) the policies ; and (a) 政策；及 (b) compliance with relevant laws and regulations that have a significant impact on the issuer (b) 遵守對發行人有重大影響的相關法律及規例的資料。 relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.	Pursuing Strategic Development 堅守策略發展之路 Appendix III: Compliance with Laws and Regulations that Have Significant Impacts on the Group 附錄三：遵守對本集團有重大影響的相關法律法規
KPI B6.1 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。	Pursuing Strategic Development – Quality Product Control 堅守策略發展之路 – 優質品質控制
KPI B6.2 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。	Pursuing Strategic Development – Customer Service and Communication 堅守策略發展之路 – 客戶服務與溝通
KPI B6.3 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。	Pursuing Strategic Development – Research, Development, and Innovation 堅守策略發展之路 – 研發與創新
KPI B6.4 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。	Pursuing Strategic Development – Quality Product Control 堅守策略發展之路 – 優質品質控制

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX

聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標

Location of Disclosure

披露位置

KPI B6.5 指標B6.5	Description of consumer data protection and privacy policies, how they are implemented and monitored. 描述消費者數據保障及私隱政策，以及相關執行及監察方法。	Pursuing Strategic Development – Customer Service and Communication 堅守策略發展之路 – 私隱與數據保護
Aspect B7: Anti-corruption		
層面B7：反貪污		
General Disclosure 一般披露	Information on: 有關防止賄賂、勒索、欺詐及洗黑錢的： (a) the policies ; and (a) 政策；及 (b) compliance with relevant laws and regulations that have a significant impact on the issuer (b) 遵守對發行人有重大影響的相關法律及規例的資料。 relating to bribery, extortion, fraud and money laundering.	Pursuing Strategic Development – Compliance and Ethical Operations 堅守策略發展之路 – 合規誠信運營 Appendix III: Compliance with Laws and Regulations that Have Significant Impacts on the Group 附錄三：遵守對本集團有重大影響的相關法律法規
KPI B7.1 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。	Pursuing Strategic Development – Compliance and Ethical Operations 堅守策略發展之路 – 合規誠信運營 Embracing People – Oriented Principles – Inclusive Workplace 貫徹以人為本之理 – 多元共融職場

Regulations, Subject Areas, Aspects, General Disclosures and KPIs Set Out by the ESG Reporting Guide of HKEX 聯交所《ESG報告指引》規定、主要範疇、層面、一般披露及關鍵績效指標		Location of Disclosure 披露位置
KPI B7.2 指標B7.2	Description of preventive measures and whistle-blowing procedures, 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。	Pursuing Strategic Development – Compliance and Ethical Operations 堅守策略發展之路 – 合規誠信 運營
KPI B7.3 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。	Pursuing Strategic Development – Compliance and Ethical Operations 堅守策略發展之路 – 合規誠信 運營
Community 社區		
Aspect B8: Community Investment 層面B8：社區參與		
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. 有關以社區參與來了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。	Building a Harmonious Society Together 共建和諧社會之道
KPI B8.1 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)。	Building a Harmonious Society Together 共建和諧社會之道
KPI B8.2 指標B8.2	Resources contributed (e.g. money or time) to the focus area. 在專注範疇所動用資源(如金錢或時間)。	Building a Harmonious Society Together 共建和諧社會之道

APPENDIX V 附錄五：

CONTENT INDEX OF THE GRI STANDARDS

《GRI標準》內容索引

CSC Development prepared the report according to the GRI Standards, covering the reporting period from 1 January 2024 to 31 December 2024.
中國建築興業根據《GRI標準》編制本報告，報告期為2024年1月1日至2024年12月31日。

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
GRI 1 Foundation 2021 2021		
GRI 2 General Disclosure 2021 一般披露2021		
1.	The organization and its reporting practices 機構及報道實務	
2-1	Organizational details 機構詳細諮詢	Appendix I: About The Report 附錄一：關於本報告
2-2	Entities included in the organization’s sustainability reporting 機構於可持續發展報告中所包含的實體	Appendix I: About The Report 附錄一：關於本報告
2-3	Reporting period, frequency and contact point 報告期、頻率和聯絡方法	Appendix I: About The Report 附錄一：關於本報告
		(The reporting period of the Report aligns with our annual report. The Report is published on 28 April 2025) (報告的報告期與年報一致並於2025年4月28日出版)

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
2-4	Restatements of information 重整舊報告所載資訊	KPIs Overview in Social Aspect; 社會層面關鍵績效指標總覽;
		KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
2-5	External assurance 外部核實報告	Appendix II: Independent Verification Statement 附錄二：獨立驗證聲明
2.	Activities and workers 活動與工作人員	
2-6	Activities, value chain and other business relationships 活動、價值鏈和其他業務關係	About the Group – Business Overview, Projects and Performance Highlights; 關於本集團 – 業務概覽、重點 項目及表現；
		Fulfilling Sustainable Procurement Responsibilities; 履行可持續採購之責；
		KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
2-7	Employees 員工	Embracing People – Oriented Principles; 貫徹以人為本之理；
		KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
2-8	Workers who are not employees 非員工的工作人員	KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
3.	Governance 管治	
2-9	Governance structure and composition 管治架構及組成	Sustainability Management – Sustainability Governance; 可持續發展管理–可持續發展管 治; 2024 Annual Report – Directors and Organisation, Corporate Governance Report – Governance Structure 2024年年報–董事及架構，企業 管治報告–管治架構
2-10	Nomination and selection of the highest governance body 最高管治單位的提名與遴選	2024 Annual Report – Corporate Governance Report 2024年年報–企業管治報告
2-11	Chair of the highest governance body 最高管治單位的主席	2024 Annual Report – Directors and Organisation 2024年年報–董事及架構
2-12	Role of the highest governance body in overseeing the management of impacts 最高管治單位在監督影響管理的角色	Sustainability Management – Sustainability Governance; 可持續發展管理–可持續發展管 治
2-13	Delegation of responsibility for managing impacts 管理影響的負責人	Sustainability Management – Sustainability Governance; 可持續發展管理–可持續發展管 治

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
2-14	Role of the highest governance body in sustainability reporting 最高管治單位於可持續發展報告的角色	Sustainability Management – Sustainability Governance; 可持續發展管理–可持續發展管治
2-15	Conflicts of interest 利益衝突	2024 Annual Report – Corporate Governance Report, Report of the Directors 2024年年報 – 企業管治報告，董事局報告
2-16	Communication of critical concerns 溝通關鍵重大事件	2024 Annual Report – Corporate Governance Report 2024年年報–企業管治報告
2-17	Collective knowledge of the highest governance body 最高管治單位的集體知識	Sustainability Management – Sustainability Governance; 可持續發展管理–可持續發展管治
2-18	Evaluation of the performance of the highest governance body 最高管治單位的績效評估	2024 Annual Report – Corporate Governance Report – Nomination Committee 2024年年報–企業管治報告–提名委員會
2-19	Remuneration policies 薪酬政策	2024 Annual Report – Corporate Governance Report – Remuneration Committee 2024年年報–企業管治報告 – 薪酬委員會

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
2-20	Process to determine remuneration 薪酬決定流程	2024 Annual Report – Corporate Governance Report – Remuneration Committee 2024年年報 – 企業管治報告 – 薪酬委員會
2-21	Annual total compensation ratio 年度總薪酬比率	2024 Annual Report – Corporate Governance Report – Remuneration of Directors and Senior Management 2024年年報–企業管治報告–董 事及高級管理人員薪酬
4.	Strategy, policies and practices 策略、政策和實踐	
2-22	Statement on sustainable development strategy 可持續發展策略聲明	Message from the Board; 董事局寄語； Sustainability Management – Sustainability Values and Vision, Sustainability Strategy and Objectives 可持續發展管理–可持續發展價 值觀及願景，可持續發展策略及 目標
2-23	Policy commitments 政策承諾	Sustainability Management – Sustainable Development Policy 可持續發展管理–可持續發展政 策

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
2-24	Embedding policy commitments 納入政策承諾	Sustainability Management – Sustainable Development Policy 可持續發展管理-可持續發展政策 (The Group's policies are described in relevant sections throughout the Report) (本報告的相關章節描述了本集團的政策)
2-25	Processes to remediate negative impacts 補救負面影響的程序	Pursuing Strategic Development – Compliance and Ethical Operations 堅守策略發展之路-合規誠信運營
2-26	Mechanisms for seeking advice and raising concerns 尋求建議和提出疑慮事項的機制	Pursuing Strategic Development – Compliance and Ethical Operations 堅守策略發展之路-合規誠信運營

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
2-27	Compliance with laws and regulations 遵守法律和規例	Appendix III: Compliance with Laws and Regulations that Have Significant Impacts On the Group 附錄三：遵守對本集團有重大影響的相關法律法規
2-28	Membership associations 機構加入的協會	About the Group – Business Overview 關於本集團－業務概覽
5.	Stakeholder engagement 持份者參與	
2-29	Approach to stakeholder engagement 持份者參與的方針	Sustainability Management – Stakeholder Engagement 可持續發展管理－持份者溝通
2-30	Collective bargaining agreements 集體談判協議	20 employees in North America are covered by collective bargaining agreements. Other than that, all other employees follow the internal policies and procedures. 集體談判協議涵蓋北美的20名員工。除此之外，所有其他員工均遵守內部政策和程序。

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
GRI 3 Material topics 2021 重大議題2021		
3-1	Guidance to determine material topics 決定重大議題的流程	Sustainability Management – Materiality Assessment 可持續發展管理－重要性評估
3-2	Disclosures on material topics 重大議題列表	Sustainability Management – Materiality Assessment 可持續發展管理－重要性評估
Economic Topics 經濟議題		
GRI 205: Anti-corruption 2016 反貪污2016		
303	Topic management disclosures 重大議題管理	Pursuing Strategic Development – Compliance and Ethical Operations 堅守策略發展之路－合規誠信運 營
205-2	Communication and training about anti-corruption policies and procedures 有關反貪腐政策和程序的溝通及訓練	Pursuing Strategic Development – Compliance and Ethical Operations 堅守策略發展之路－合規誠信運 營

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
205-3	Confirmed incidents of corruption and action taken 已確認的貪污事件及採取的行動	Pursuing Strategic Development – Compliance and Ethical Operations 堅守策略發展之路－合規誠信運營 (During the reporting period, the Group has not received or concluded any corruption lawsuit against it or its employees.) (於報告期內，本集團未有接獲對本集團或員工提出並已審結的貪污訴訟案件。)
Environmental Topics 環境議題		
GRI 301: Materials 2016 物料2016		
3-3	Topic management disclosures 重大議題管理	Undertaking Low-Carbon Environmental Stewardship – Waste Management 承擔低碳環保之任－廢棄物管理
301-1	Materials used by weight or volume 所用物料的重量或體積	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
GRI 302: Energy 2016 能源2016		
3-3	Topic management disclosures 重大議題管理	Undertaking Low-Carbon Environmental Stewardship – Responding to Climate Change 承擔低碳環保之任－應對氣候變化
302-1	Energy consumption within the organization 組織內部的能源消耗量	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
302-2	Energy consumption outside of the organization 組織外部的能源消耗量	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
302-3	Energy intensity 能源密集度	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
302-4	Reduction of energy consumption 減少能源消耗	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
302-5	Reductions in energy requirements of products and services 降低產品和服務的能源需求	Undertaking Low-Carbon Environmental Stewardship – Responding to Climate Change 承擔低碳環保之任－應對氣候變化

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
GRI 303: Water and Effluents 2018 水與放流水2016		
3-3	Topic management disclosures 重大議題管理	Undertaking Low-Carbon Environmental Stewardship – Water and Effluents 承擔低碳環保之任－水與廢水
303-1	Interactions with water as a shared resource 共享水資源之相互影響	Undertaking Low-Carbon Environmental Stewardship – Water and Effluents 承擔低碳環保之任－水與廢水
303-2	Management of water discharged – related impacts 與排水相關衝擊的管理	Undertaking Low-Carbon Environmental Stewardship – Water and Effluents 承擔低碳環保之任－水與廢水
303-3	Water withdrawal 取水量	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
303-4	Water discharge 排水量	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
303-5	Water consumption 耗水量	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽

GRI Standards Disclosure Number

《GRI標準》披露編號及名稱

Location of Disclosure

披露位置

GRI 305: Emissions 2016
排放2016

3-3	Topic management disclosures 重大議題管理	Undertaking Low-Carbon Environmental Stewardship – Responding to Climate Change 承擔低碳環保之任－應對氣候變化
305-1	Direct (Scope 1) GHG emissions 直接（範疇一）溫室氣體排放	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
305-2	Energy indirect (Scope 2) GHG emissions 能源間接（範疇二）溫室氣體排放	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
305-3	Other indirect (Scope 3) GHG emissions 能源間接（範疇二）溫室氣體排放	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
305-4	GHG emissions intensity 溫室氣體排放強度	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
305-5	Reduction of GHG emissions 溫室氣體排放減量	Undertaking Low-Carbon Environmental Stewardship – Responding to Climate Change; 承擔低碳環保之任 – 應對氣候 變化;
		KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
305-7	Nitrogen oxides (NO _x), sulfur oxides (SO _x), and other significant air emissions 氮氧化物、硫氧化物，及其他顯著的氣體排放	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
GRI 306: Waste 2020 廢污水和廢棄物2016		
3-3	Topic management disclosures 重大議題管理	Undertaking Low-Carbon Environmental Stewardship – Pollutant and Emissions Management 承擔低碳環保之任 – 污染物和排 放物管理
306-1	Waste generation and destination significant waste – related impacts 廢棄物的產生與廢棄物相關顯著衝擊	Undertaking Low-Carbon Environmental Stewardship – Pollutant and Emissions Management 承擔低碳環保之任 – 污染物和排 放物管理

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
306-2	Management of significant waste – related impacts 廢棄物相關顯著衝擊之管理	Undertaking Low-Carbon Environmental Stewardship – Pollutant and Emissions Management 承擔低碳環保之任一污染物和排 放物管理
306-3	Waste generated 廢棄物的產生	KPIs Overview in Environmental Aspect 環境層面關鍵績效指標總覽
GRI 308: Supplier Environmental Assessment 2016 供應商環境評估2016		
3-3	Topic management disclosures 重大議題管理	Fulfilling Sustainable Procurement Responsibilities 履行可持續採購之責
308-1	New suppliers that were screened using environmental criteria 使用環境標準篩選新供應商	Fulfilling Sustainable Procurement Responsibilities – Responsible Procurement 履行可持續採購之責－負責任採 購
308-2	Negative environmental impacts in the supply chain and actions taken 供應鏈中負面的環境衝擊以及所採取的行動	Fulfilling Sustainable Procurement Responsibilities – Responsible Procurement 履行可持續採購之責－負責任採 購

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
Social Topics 社會議題		
GRI 401: Employment 2016 勞僱關係2016		
3-3	Topic management disclosures 重大議題管理	Embracing People-Oriented Principles – Inclusive workspace 貫徹以人為本之理 – 多元共融職場
401-1	New employee hires and employee turnover 新進員工和離職員工	KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
401-2	Benefits provided to full – time employees that are not provided to temporary or part – time employees 提供給全職員工(不包含臨時或兼職員工)的福利	Embracing People-Oriented Principles – Inclusive workspace, Employee Communication 貫徹以人為本之理 – 多元共融職場, 員工溝通
GRI 403: Occupational Health and Safety 2018 職業健康與安全2018		
3-3	Topic management disclosures 重大議題管理	Embracing People-Oriented Principles – Occupational Health and Safety 貫徹以人為本之理 – 職業健康安全

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
403-1	Occupational health and safety management system 職業安健康管理體系	Embracing People-Oriented Principles – Occupational Health and Safety 貫徹以人為本之理－職業健康安全
403-2	Hazard identification, risk assessment, and incident investigation 危害辨識、風險評估及事故調查	Embracing People-Oriented Principles – Occupational Health and Safety 貫徹以人為本之理－職業健康安全
403-3	Occupational health service 職業健康服務	Embracing People-Oriented Principles – Occupational Health and Safety 貫徹以人為本之理－職業健康安全
403-4	Worker participation, consultation, and communication on occupational health and safety 有關職業安全健康之工作者參與、諮詢與溝通	Embracing People-Oriented Principles – Occupational Health and Safety 貫徹以人為本之理－職業健康安全
403-5	Worker training on occupational health and safety 有關職業安全與健康之工作者培訓	Embracing People-Oriented Principles – Occupational Health and Safety 貫徹以人為本之理－職業健康安全

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
403-6	Promotion of worker health 促進員工健康	Embracing People-Oriented Principles – Occupational Health and Safety 貫徹以人為本之理－職業健康安全
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships 預防和減緩與業務關係直接相關聯之職業安全衛生的衝擊	Embracing People-Oriented Principles – Occupational Health and Safety 貫徹以人為本之理－職業健康安全
403-8	Workers covered by an occupational health and safety management system 職業安全衛生管理系統所涵蓋之工作者	Embracing People-Oriented Principles – Occupational Health and Safety 貫徹以人為本之理－職業健康安全
403-9	Work – related injuries 職業傷害	Embracing People-Oriented Principles – Occupational Health and Safety 貫徹以人為本之理－職業健康安全
		KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
GRI 404: Training and Education 2016 培訓與教育2016		
3-3	Topic management disclosures 重大議題管理	Embracing People-Oriented Principles – Training and Development 貫徹以人為本之理－培訓和發展
404-1	Average hours of training per year per employee 每名員工每年接受訓練的平均時數	KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
404-3	Percentage of employees receiving regular performance and career development reviews 定期接受績效及職業發展檢核的員工百分比	KPIs Overview in Social Aspect 社會層面關鍵績效指標總覽
GRI 405: Diversity and Equal Opportunity 2016 員工多元化與平等機會2016		
3-3	Topic management disclosures 重大議題管理	Embracing People-Oriented Principles – Inclusive workspace 貫徹以人為本之理－多元共融職場
405-1	Diversity of governance bodies and employees 治理單位與員工的多元化	Embracing People-Oriented Principles – Inclusive workspace 貫徹以人為本之理－多元共融職場

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
GRI 408: Child Labor 2016 童工2016		
3-3	Topic management disclosures 重大議題管理	Embracing People-Oriented Principles – Inclusive workspace 貫徹以人為本之理－多元共融職場
408-1	Operations and suppliers at significant risk for incidents of child labor 營運據點和供應商使用童工之重大風險	Embracing People-Oriented Principles – Inclusive workspace 貫徹以人為本之理－多元共融職場
GRI 414: Supplier Social Assessment 2016 供應商社會評估2016		
3-3	Topic management disclosures 重大議題管理	Fulfilling Sustainable Procurement Responsibilities – Responsible Procurement 履行可持續採購之責－負責任採購
414-1	New suppliers that were screened using social criteria 使用社會標準篩選新供應商	Fulfilling Sustainable Procurement Responsibilities – Responsible Procurement 履行可持續採購之責－負責任採購
414-2	Negative social impacts in the supply chain and actions taken 供應鏈中負面的社會衝擊以及所採取的行動	Fulfilling Sustainable Procurement Responsibilities – Responsible Procurement 履行可持續採購之責－負責任採購

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
GRI 416: Customer Health and Safety 2016 客戶健康與安全2016		
3-3	Topic management disclosures 重大議題管理	Pursuing Strategic Development – Quality Product Control 堅守策略發展之路－優質品質控制
416-1	Assessment of the health and safety impacts of product and service categories 評估產品和服務類別對健康和安全的衝擊	Pursuing Strategic Development – Quality Product Control 堅守策略發展之路－優質品質控制
416-2	Incidents of non – compliance concerning the health and safety impacts of products and services 違反有關產品與服務的健康和安全法規之事件	Pursuing Strategic Development – Quality Product Control 堅守策略發展之路－優質品質控制
GRI 417: Marketing and Labelling 2016 營銷與標示2016		
3-3	Topic management disclosures 重大議題管理	Pursuing Strategic Development – Research, Development, and Innovation 堅守策略發展之路－研發與創新
417-1	Requirements for product and service information and labelling 產品和服務資訊與標示的要求	Pursuing Strategic Development – Research, Development, and Innovation 堅守策略發展之路－研發與創新

GRI Standards Disclosure Number 《GRI標準》披露編號及名稱		Location of Disclosure 披露位置
417-2	Incidents of non-compliance concerning product and service information and labelling 未遵循產品與服務之資訊與標示相關法規的事件	Pursuing Strategic Development – Research, Development, and Innovation 堅守策略發展之路－研發與創新
417-3	Incidents of non-compliance concerning marketing communications 未遵循行銷傳播相關法規的事件	Pursuing Strategic Development – Research, Development, and Innovation 堅守策略發展之路－研發與創新
GRI 418: Customer Privacy 2016 客戶隱私2016		
3-3	Topic management disclosures 重大議題管理	Pursuing Strategic Development – Customer Service and Communication 堅守策略發展之路－客戶服務與溝通
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data 經證實侵犯客戶隱私或遺失客戶資料的投訴	Pursuing Strategic Development – Customer Service and Communication 堅守策略發展之路－客戶服務與溝通