



DONGJIANG ENVIRONMENTAL COMPANY LIMITED*

東江環保股份有限公司

(a joint stock limited company incorporated in the People's Republic of China)
(於中華人民共和國註冊成立之股份有限公司)

Stock Code 股份代號 : SZ.002672, HK.0895

2023

Environmental, Social and Governance Report

環境、社會及管治報告



Contents

目錄

1	ABOUT THE REPORT 關於本報告	3
2	MESSAGE FROM THE CHAIRMAN 董事長致辭	7
3	ABOUT OUR GROUP 關於本集團	10
	3.1 Business of the Group 集團業務簡介	11
	3.2 Achievements and Honors 成就與榮譽	12
	3.3 Promoting Technological Innovation 推動技術創新	15
4	ADHERING TO THE GUIDANCE OF PARTY BUILDING 堅持黨建引領	18
5	GREEN AND SUSTAINABLE DEVELOPMENT 綠色可持續發展	19
	5.1 Board Statement 董事會聲明	19
	5.2 ESG Governance Structure ESG治理體系	19
	5.3 Stakeholder Engagement 持份者參與	20
	5.4 Materiality Assessment 重要性評估	23



6	COMPREHENSIVE ENVIRONMENTAL BUSINESS	26
	全面環境業務	
6.1	Intensive Engagement In Environmental Protection Services	27
	深耕環保服務	
6.2	Fulfilling Environmental Protection Operation	33
	踐行環保運營	
6.3	Implementation of Low-carbon Management	43
	實施低碳管理	
6.4	Preventing Climate Risks	45
	防範氣候風險	
7	ENSURING COMPLIANCE OPERATION	47
	確保合規運營	
7.1	Building a Safety System	47
	打造安全體系	
7.2	Improving Product Quality	51
	提升產品質量	
7.3	Upholding Probity and Honesty	54
	堅守廉潔誠信	
7.4	Maintaining Data Security	57
	維護數據安全	
7.5	Protecting Intellectual Property Rights	59
	保護知識產權	
7.6	Ensuring Customer Service Quality	60
	確保客服質量	
7.7	Improving Sustainable Supply Chain	61
	完善可持續供應鏈	
8	TALENT TEAM BUILDING	64
	人才團隊建設	
8.1	Equal Employment Management	64
	平等僱傭管理	
8.2	Attaching Importance to the Rights and Interests of Employees	66
	重視員工權益	
8.3	Comprehensive Training Mechanism	68
	全面培訓機制	
8.4	Safety and Health System	70
	安全健康體系	
9	GIVING BACK TO SOCIETY	73
	熱心回饋社會	
9.1	Caring for Special Children	73
	關愛特殊兒童	
9.2	Promoting Environmental Protection Education	74
	推廣環保教育	
9.3	Accompanying the Elderly	75
	陪伴老年群體	
	APPENDIX I: KPI DATA TABLE	76
	附錄一：關鍵績效指標數據表	
	APPENDIX II: CONTENT INDEX OF THE ESG REPORTING GUIDE	84
	附錄二：《環境、社會及管治報告指引》內容索引	



ABOUT THE REPORT

關於本報告

1

The Report is the Environmental, Social and Governance (“ESG”) Report (the “Report” or “ESG Report”) published by Dongjiang Environmental Company Limited (the “Company” or “Dongjiang Environmental”) and its subsidiaries (the “Group” or “we”, “our” or “us”), which mainly discloses the Group’s strategies, measures, work and performance in fulfilling corporate social responsibility and achieving sustainable development.

本報告是東江環保股份有限公司（以下簡稱「本公司」或「東江環保」）及其附屬公司（以下簡稱「本集團」或「我們」）發佈的環境、社會及管治（下稱「ESG」）報告（下稱「本報告」或「ESG報告」），重點披露本集團在履行企業社會責任及實現可持續發展方面的策略、措施、工作和績效。

BASIS FOR PREPARATION

The Report is prepared in accordance with the Environmental, Social and Governance Reporting Guide (the “Guide”) as set out in Appendix C2 to the Rules Governing the Listing of Securities (the “Listing Rules”) issued by The Stock Exchange of Hong Kong Limited (the “Stock Exchange”), and the scope covered in the Report also complies with the mandatory disclosure requirements, the “Comply or Explain” provisions in the Guide and the requirements of the four reporting principles (materiality, quantitative, balance and consistency).

編制依據

本報告是依據香港聯合交易所有限公司（以下簡稱「聯交所」）發佈的《證券上市規則》（以下簡稱「上市規則」）附錄C2之《環境、社會及管治報告指引》（以下簡稱「指引」）編制而成，本報告涵蓋的內容已符合指引內強制披露規定、「不遵守就解釋」的條文與四項報告原則（重要性、量化、平衡及一致性）的要求。

Materiality	In the Report, we have identified and disclosed the process and criteria for material ESG issues, as well as the description of key stakeholders, the process and results of stakeholder engagement.
重要性	報告中，我們已識別並披露重要ESG議題的過程與準則，以及重要持份者的描述、持份者參與的過程與結果。
Quantitative	We have disclosed the statistical standards, methodologies, assumptions, calculation tools used in reporting key performance indicators (“KPIs”), and sources of conversion factors.
量化	我們已披露有關匯報關鍵績效指標所用的統計標準、方法、假設、計算工具、以及轉換因素的來源。
Balance	The Report should provide an unbiased picture of the Group’s performance during the Reporting Period. The Report should avoid selections, omissions and presentation formats that may influence a decision or judgment by the Report reader.
平衡	本報告不偏不倚地呈報本集團報告期內的表現，避免因為選擇、遺漏和呈報格式而影響報告讀者決策或判斷。
Consistency	The statistical approach we used in the Report is consistent with last year. If there are any changes to statistical methods or KPIs, or other relevant factors that affect the validity of the comparisons, we will make this clear in our ESG Report.
一致性	我們於報告中使用的統計方法與去年一致。如果統計方法或關鍵績效指標有任何變更，或其他影響到比較的有效性的相關因素，我們會在ESG報告中清楚說明。



1 | ABOUT THE REPORT

關於本報告

REPORTING PERIOD AND SCOPE

The time frame of data disclosed in the Report covers the period from 1 January 2023 to 31 December 2023 (the “Year” or “Reporting Period”) about the work of sustainable development. Unless otherwise specified, the content coverage of the Report is consistent with the coverage of the “2023 Annual Report”. The data coverage of environmental KPIs in the Report covers the headquarters and the following 16 subsidiaries, and we will continue to increase the scope and depth of such coverage and constantly monitor the Group’s performance in sustainability in the future.

報告時間及範圍

本報告數據披露範圍為二零二三年一月一日至二零二三年十二月三十一日（下稱「本年度」或「報告期內」）關於可持續發展的工作。除特殊說明外，本報告的內容涵蓋範圍與《2023年報》的涵蓋範圍一致。本報告的環境關鍵績效指標的數據範圍涵蓋總部及以下16家子公司，未來我們將不斷擴大涵蓋範圍及深度，持續監測本集團可持續發展的相關表現。



ABOUT THE REPORT

關於本報告

1

Data coverage of environmental KPIs

環境關鍵績效指標的數據範圍

Baoan Dongjiang:	Shenzhen Baoan Dongjiang Environmental Technology Co., Ltd.	寶安東江 :	深圳市寶安東江環保技術有限公司
Jiangmen Dongjiang:	Jiangmen Dongjiang Environmental Technology Co., Ltd.	江門東江 :	江門市東江環保技術有限公司
Huizhou Dongjiang:	Huizhou Dongjiang Environment Technology Co., Ltd.	惠州東江 :	惠州市東江環保技術有限公司
Qingyuan Xinlv:	Qingyuan Xinlv Environmental Technology Co., Ltd.	清遠新綠 :	清遠市新綠環境技術有限公司
Kunshan Treatment:	Kunshan Qiandeng Three Wastes Treatment Co., Ltd	昆山淨化 :	昆山市千燈三廢淨化有限公司
Jiangsu Dongjiang:	Jiangsu Dongjiang Environmental Services Co., Ltd	江蘇東江 :	江蘇東江環境服務有限公司
Wosen Environmental:	Karamay Wosen Environmental Technology Co., Ltd.	沃森環保 :	克拉瑪依沃森環保科技有限公司
Jiangxi Dongjiang:	Jiangxi Dongjiang Environmental Technology Co., Ltd.	江西東江 :	江西東江環保技術有限公司
Qianhai Dongjiang:	Shenzhen Qianhai Dongjiang Environment Technology Service Co., Ltd.	前海東江 :	深圳市前海東江環保科技服務有限公司
Humen Green:	Dongguan Humen Green Water Co., Ltd.	虎門綠源 :	東莞市虎門綠源水務有限公司
Xiantao Dongjiang:	Xiantao Dongjiang Environmental Technology Co., Ltd.	仙桃東江 :	仙桃東江環保科技有限公司
Huabao Technology:	Shenzhen Huabao Technology Co., Ltd.	華保科技 :	深圳市華保科技有限公司
Renewable Energy:	Shenzhen Dongjiang Environmental Renewable Energy Co., Ltd.	再生能源 :	深圳市東江環保再生能源有限公司
Zhuhai Yongxingsheng:	Zhuhai Yongxingsheng Environmental Industrial Waste Recycling and Integrated Treatment Co., Ltd.	珠海永興盛 :	珠海市斗門區永興盛環保工業廢棄物回收綜合處理有限公司
Shaoguan Dongjiang:	Shaoguan Dongjiang Environmental Sustainable Resources Development Co., Ltd.	韶關東江 :	韶關東江環保再生資源發展有限公司
Xiongfeng Environment:	Chenzhou Xiongfeng Environment Technology Company Limited	雄風環保 :	郴州雄風環保科技有限公司



1

ABOUT THE REPORT**關於本報告****REPORTING LANGUAGE AND PUBLICATION**

The Report is published in Traditional Chinese and English versions. You may access the electronic version of the Report on the Company website (www.dongjiang.com.cn) or through the HKEX news website (www.hkexnews.hk).

APPROVAL OF THE REPORT

The Report has been approved by the board of directors of the Group (the "Board") on 26 April 2024.

CONTACT

We value the comments and opinions of stakeholders and the public on the Report. Please feel free to contact us for communication through the following ways. Your comments will help us further improve the Report and enhance our sustainable performance.

Company address: Dongjiang Environmental Building,
No. 9 Langshan Road,
North Zone of Hi-tech Industrial Park,
Nanshan District, Shenzhen

Email address: ir@dongjiang.com.cn

報告語言及發佈

本報告以繁體中文及英文版本發佈。報告電子版可在本集團網站(www.dongjiang.com.cn)閱覽，或者可在香港交易所披露易網站(www.hkexnews.hk)進行瀏覽。

報告批准

本報告已經於2024年4月26日獲得本集團董事會(「董事會」)審批。

聯繫方式

我們重視每位持份者及公眾對本報告的建議與意見，並十分歡迎讀者通過以下聯絡方式和我們聯繫與溝通。您的意見將幫助我們進一步完善本報告並提升我們的可持續表現。

公司地址： 深圳市南山區
高新區北區
朗山路9號
東江環保大樓

電子郵箱：ir@dongjiang.com.cn

MESSAGE FROM THE CHAIRMAN

董事長致辭

2



During the “14th Five-Year Plan” period, China’s ecological civilization construction has entered a critical period of building a beautiful China by taking carbon reduction as the key strategic direction, promoting the synergy of pollution reduction and carbon reduction, and facilitating the overall green transformation of economic and social development. Under the promotion of the concept of circular economy and zero-waste cities, more and more environmental-friendly science and technology have been applied to various fields of social production and life. The environmental protection industry has officially entered the era of environmental protection 3.0 driven by business model improvement + high-quality technology. Under the continuous stimulation of the policy environment and market demand, the demand for green, low-carbon and resource recycling is expected to be further amplified.

「十四五」時期，我國生態文明建設進入以降碳為重點戰略方向，推動減污降碳協同增效，促進經濟社會發展全面綠色轉型，建設美麗中國的關鍵時期。在循環經濟與無廢城市的理念倡導下，越來越多的環境友好型科學技術被應用於社會生產生活的各個領域，環保行業正式進入以經營模式改善+優質技術驅動的環保3.0時代，在政策環境與市場需求的不斷刺激下，企業對於綠色低碳及資源再生領域的需求有望進一步放大。

2 | MESSAGE FROM THE CHAIRMAN 董事長致辭

In 2023, Dongjiang Environmental continued to deeply explore the main business of hazardous waste, consolidate its market advantages, and make efforts in the innovation achievements and the implementation of major projects; however, due to the negative impact of the slow recovery of the industry as a whole, the lack of significant improvement in the market structure, and the continuous decline in both volume and price, the hazardous waste utilization and treatment industry is still facing severe challenges. Despite the pressure in operation, the Group has always been committed to the sustainable development of the environment and society, and insisted on fulfilling its corporate and social responsibility. During the Year, the Group invested a total of CNY370,000 in funds and manpower and material resources to assist in the twinning support for rural revitalization in Wengyuan County, Shaoguan City, Guangdong Province, Nanping, Fujian Province, as well as road repairs and assistance donations to comprehensively contribute to poverty alleviation and rural revitalization.

In 2024, the Group will continue to adhere to the basic policy of “ensuring survival and seizing market share”. While ensuring the stability of hazardous waste collection and transportation volume, the Group consolidate and develop the Group’s advantageous businesses, continuously expand the market coverage area. Meanwhile, we persistently increase the production and sales of high value-added recycled products, and strengthen the sales of overseas products. With the management of “Three Refinements” as an important starting point of “extreme cost reduction”, the Group took measures such as the unit consumption and energy consumption control of auxiliary materials, reduction of maintenance costs, and technical transformation and upgrading to improve the Group’s efficiency and promote the high-quality development of the Group. The next step will be to promote industrial optimization with “extreme pace transformation”, and to cultivate and expand the environmental services industry in an extremely fast manner, including the operation and management of industrial municipal wastewater, rural domestic wastewater and rubbish, and the expansion of environmental consulting, design, engineering, monitoring and environmental protection housekeeping services. In terms of pollutant treatment, environmental self-monitoring plans, emergency response plans for environmental emergencies, investment in environmental governance and protection, the Group will strictly implement the requirements of laws and regulations and industry standards, and will rely on information platforms such as the “Safe Dongjiang” and the “Intelligent Environmental Protection Operation Platform” to monitor environmental information in a timely manner, accurately and comprehensively disclose the information, and to accept the supervision and guidance from the public and the regulatory bodies.

2023年，東江環保繼續深耕危廢主業，鞏固市場優勢，並發力科技創新成果與重大項目落地；但受到行業整體復蘇緩慢，市場格局未明顯好轉，量價齊跌趨勢持續等負面影響，危廢利用處置行業仍面臨嚴峻挑戰。雖然在經營方面面臨壓力，但本集團始終致力於環境與社會的可持續發展，堅持履行企業社會責任，本年度共投入人民幣37萬元資金和人力物力，助力結對幫扶廣東省韶關市翁源縣、福建南平鄉村振興、道路維修和援助捐贈，全面助力脫貧攻堅和鄉村振興工作。

2024年，本集團將繼續堅持「保生存、搶市場」的基本方針，在確保危廢收運量穩定的情況下，鞏固發展集團優勢業務，不斷拓寬市場覆蓋區域。同時，我們持續加大高附加值資源化產品生產銷售力度，加強海外產品銷售力度。本集團以「三精」管理作為「極限降本」的重要抓手，採取輔料單耗與能耗控制、維修成本壓降、技改升級等措施提升集團效益，促進集團高質量發展；下一步將以「極快轉型」推動產業優化，極快培育做大環境服務產業，包括工業級市政污水、農村生活污水、垃圾運營管理，拓展環境諮詢、設計、工程、監測、環保管家服務等。在污染物處理、環境自行監測方案、突發環境事件應急預案、環境治理和保護投入等方面本集團將嚴格執行法律法規要求及行業標準，依托「平安東江」、「智慧環保運營平台」等信息平台，及時監測環境信息，準確全面進行信息披露，接受公眾與監管機構的監督和指導。

MESSAGE FROM THE CHAIRMAN

董事長致辭

2

In 2024, Dongjiang Environmental will adhere to the guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, and take multiple measures on the premise of maintaining its own advantages. We will aim at “ensuring business operation” and lighting up “new hope”, taking “three extremes (extreme cost reduction, extreme rate efficiency improvement and extreme pace transformation) and four strengthenings (strengthening performance assessment, strengthening incentives, strengthening constraints and strengthening fault tolerance)” as important means, strive to achieve a new round of high-quality development.

Dongjiang Environmental Company Limited
Wang Bi'an
Chairman

April 2024

2024年，東江環保將堅持以習近平新時代中國特色社會主義思想為指導，在維持自身優勢領域的前提下，多措並舉，以「保經營」、點燃「新希望」為目標，以「三極四強」（「極限降本、極速增效、極快轉型」及「強考核、強激勵、強約束、強容錯」）為重要手段，力爭實現新一輪高質量發展。

東江環保股份有限公司
王碧安
董事長

2024年4月

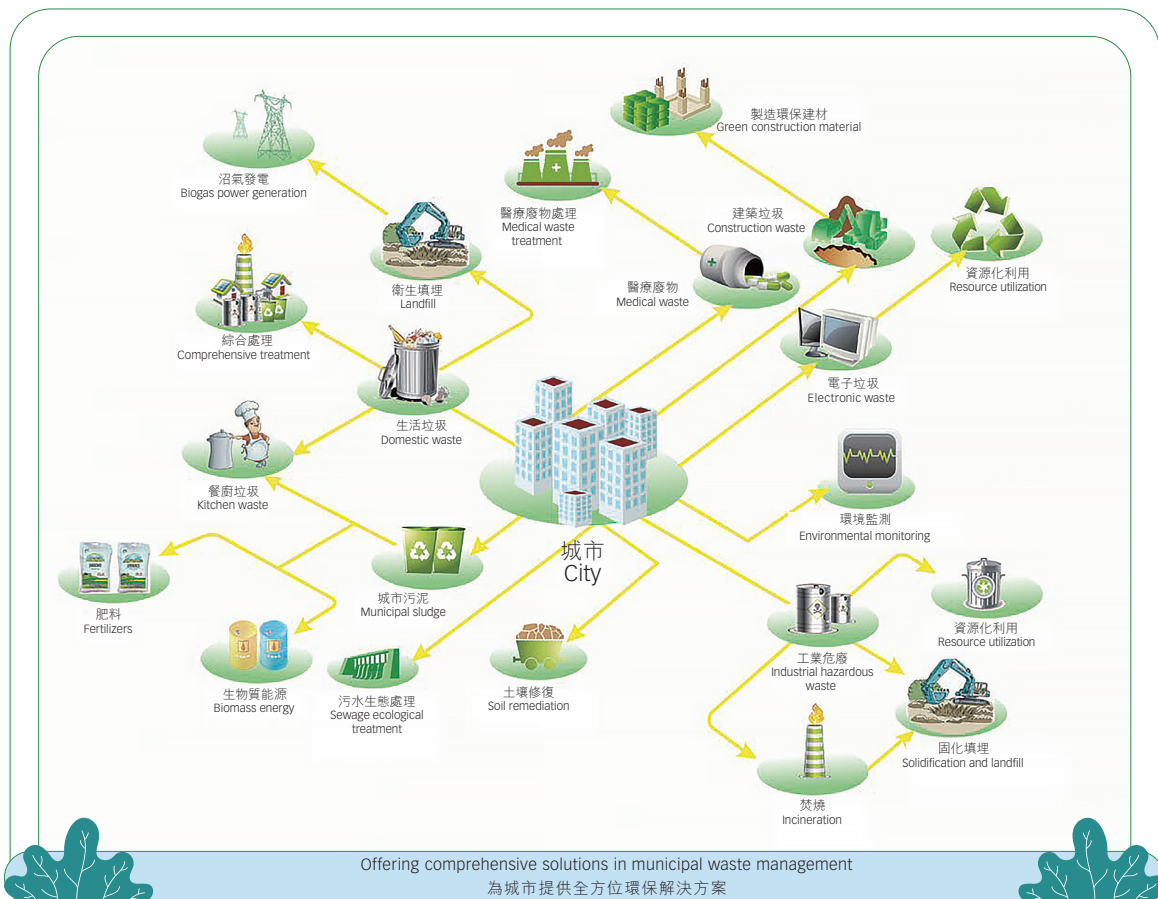
3 ABOUT OUR GROUP 關於本集團

Dongjiang Environmental was established in 1999. It is an environmental protection company listed in Shenzhen and Hong Kong (stock codes: 002672.SZ and 00895.HK). The Group is a provincial state-owned enterprise, and its controlling shareholder is Guangdong Rising Holdings Group Co., Ltd. ("Guangdong Rising Group"), which is a top 500 enterprise in China, providing a strong state-owned asset backing for the development of the Group and an important guarantee for the sustainable and long-term development of the Group's business.

Dongjiang Environmental is a technology-based integrated environmental service provider focusing on the field of hazardous waste treatment, covering the fields of resource utilization and harmless treatment of industrial and municipal waste, and rare and precious metal recycling. It also develops water treatment, environmental work, environmental testing and other businesses, customises and provides one-stop environmental protection services for enterprises at different stages of development, and can provide overall solutions for urban waste management. At the same time, driven by technological innovation, we are brave to assume environmental and social responsibilities, and committed to becoming the best environmental solutions provider and service provider for all levels of government and park enterprises.

東江環保股份有限公司成立於1999年，為深港兩地上市的環保企業（股票代碼：002672.SZ, 00895.HK）。本集團是省屬國有控股企業，控股股東為廣東省廣晟控股集團有限公司（「廣晟控股集團」），為中國500強企業，為本集團發展提供了強有力的國資後盾，是本集團業務持續長久發展的重要保證。

東江環保是一家科技型綜合環境服務商，專注於危廢處置領域，涵蓋工業和市政廢物的資源化利用與無害化處理、稀貴金屬回收領域，配套發展水治理、環境工作、環境檢測等業務，為企業的不同發展階段定制和提供一站式環保服務，並可為城市廢物管理提供整體解決方案，同時我們以技術創新為驅動，勇於承擔環境社會責任，致力於成為各級政府、園區企業最優質的環境方案提供者和服務商。



3.1 Business of the Group

Over the past 25 years, Dongjiang Environmental has always focused on the field of hazardous waste treatment, providing mature and reliable “one-stop” environmental protection solutions for tens of thousands of enterprises and public institutions, thus accumulating extensive successful experience, becoming a one-stop comprehensive environmental protection service provider covering the Guangdong-Hong Kong-Macao Greater Bay Area, the Yangtze River Delta, the Beijing-Tianjin-Hebei Region and the central and western regions with nearly 60 subsidiaries. As at the end of the Reporting Period, Dongjiang Environmental has obtained the hazardous waste operation qualification of more than 2,700,000 tonnes, and can treat 44 categories of hazardous waste (46 categories in total in the National Hazardous Waste List). The quality of recycled products such as alkaline copper chloride, feed-grade copper sulphate and electroplating-grade copper sulphate, as well as rare and precious metals such as bismuth, tellurium, lead and antimony oxide has reached the industry-leading level.

During the Reporting Period, Dongjiang Environmental continued to focus on the main business of hazardous waste, consolidated its market advantages, accelerated the implementation and commissioning of a number of key projects, achieved a number of breakthrough achievements in scientific and technological innovation, achieved remarkable results in “extreme cost reduction”, and continued to deepen the reform of state-owned enterprises. In the face of increasingly fierce market competition, the Group made full use of the advantages of complete qualifications and industrial layout in various regions across the country to continuously expand the market coverage area and actively explore new markets. At the same time, we continued to increase the production and sales of high value-added recycled products, vigorously expanded the sales channels in overseas markets, and continuously strengthened the sales of overseas products.

3.1 集團業務簡介

25年來，東江環保始終聚焦危險廢物處置領域，為累計服務數萬企、事業單位客戶提供成熟可靠的「一站式」環保解決方案，積累了大量成功經驗，成為業務覆蓋粵港澳大灣區、長三角、京津冀及中西部地區，擁有近60家分子公司的一站式綜合環保服務供應商。截至報告期末，東江環保已擁有危險廢物經營資質超270萬噸，可處理危險廢物種類達44類（《國家危險廢物名錄》共46大類），鹼式氯化銅、飼料級硫酸銅、電鍍級硫酸銅等資源化產品及精鈹、精碲、電鉛、氧化銻等稀貴金屬產品質量達到行業領先水平。

報告期內，東江環保繼續聚焦於危廢主業，市場優勢得以鞏固，多個重點項目加速落地投產，科技創新取得多項突破性成果，「極限降本」取得顯著成效，國企改革行動持續深化。面對愈加激烈的市場競爭，本集團充分利用齊全的資質優勢以及全國各區域產業佈局優勢，不斷拓寬市場覆蓋區域，積極開拓新市場。同時，我們持續加大高附加值資源化產品生產銷售力度，大力拓展海外市場銷售渠道，不斷加強海外產品銷售工作。



3

ABOUT OUR GROUP

關於本集團

During the Year, key projects such as Jieyang Dananhai Rigid Landfill, Wosen Environmental Landfill Phase I (Unit B and C), and Xiongfeng Environment's 5,000 tonnes Anode Slime Silver Conveyor were successfully put into operation. The Hualu Special Line of Jingzhou Phase II Water Plant has fully commenced water intake operation, and the Shaoguan Dongjiang Heavy Metal Sludge Comprehensive Utilization Technology Reform Project has completed the certification, and the core competitiveness of the Group's main business has been steadily improved.

3.2 Achievements and Honors

Since its establishment, Dongjiang Environmental has continuously consolidated the foundation of scientific and technological innovation, and has successively won the second prize of the National Science and Technology Progress Award, the first prize of the Science and Technology Progress Award of the Ministry of Education, the third prize of the Environmental Protection Science and Technology Award of the Ministry of Environmental Protection and other provincial and ministerial awards. As at the end of the Reporting Period, the Group has 9 innovation platforms at or above the provincial and ministerial level, including the state-level postdoctoral research station, the Key Laboratory of Guangdong Province and the Guangdong Engineering and Technology Research Centre. Among them, the Research Institute undertakes 1 national level, 2 provincial and ministerial level and 4 municipal level research platforms. In addition, the Group has 19 high-tech enterprises, such as Xiongfeng Environment, Jiangxi Dongjiang and Dongguan Hengjian. During the Year, 12 subsidiaries were awarded the title of "Technologically Advanced Enterprise" at the provincial (municipal) level.

本年度，揭陽大南海剛性填埋場、沃森環保填埋場一期(B、C單元)、雄風環保5,000噸陽極泥銀轉爐等重點項目順利投產，荊州二期水廠華魯專線全面開始進水運營，韶關東江重金屬污泥綜合利用技改項目完成取證，集團主業核心競爭力穩步提升。

3.2 成就與榮譽

東江環保自成立以來，不斷夯實科技創新基礎，先後獲得國家科技進步獎二等獎、教育部科學技術進步獎一等獎、環保部環境保護科學技術獎三等獎等省部級獎項。截止報告期末，本集團擁有國家博士後科研工作站、廣東省重點實驗室、廣東省工程技術研究中心等9個省部級以上創新平台；其中，研究院承擔1個國家級、2個省部級、4個市廳級研究平台。此外，旗下擁有雄風環保、江西東江、東莞恒建等19家高新技術企業，本年度共12家下屬企業榮獲省(市)級「專精特新企業」稱號。

During the Reporting Period, Dongjiang Environmental focused on the fields of recycling of hazardous waste and resources in the new energy industry, and persistently advanced the innovative research and development of science and technology, smart environmental protection and other fields, and won wide recognition from all walks of life. Among them, the scientific and technological achievements of “Key Technology and Application of Efficient Utilization of Circuit Board Resources and Pollution Prevention and Control in the Whole Life Cycle” jointly completed by the Group and Tsinghua University won the first prize of the 2022 China Industry-University-Research Cooperation Innovation and Promotion Award for Industry-University-Research Cooperation Innovation Achievement Award; “Key Technology R & D and Industrialization of Preparation of Feed-Grade Calcium Hydrogen Phosphate Using Sulphur-phosphorus Mixed Acid and Phosphorus Sludge” was selected into the “List of 2022 Shenzhen and Hong Kong Outstanding Innovation Eco Environmental Technologies and Achievements”; The “Intelligent Environmental Protection Operation Platform” was awarded the Outstanding Application Award for Intelligent Supervision Business Model Innovation Activities by the State-owned Assets Supervision and Administration Commission of the State Council.

報告期內，東江環保聚焦危險廢物和新能源行業資源循環利用領域，持續推進科技創新研發、智能環保等項目，贏得了社會各界的廣泛認可。其中，本集團與清華大學共同完成的「電路板資源高效利用和全生命周期污染防治關鍵技術及應用」科技成果榮獲2022年中國產學研合作創新與促進獎產學研合作創新成果獎一等獎；「利用硫磷混酸與磷泥製備飼料級磷酸氫鈣的關鍵技術研發及其產業化」入選「深港2022年生態環境創新技術成果推薦名錄」；「智慧環保運營平台」榮獲國務院國資委智能監管業務模型創新活動傑出應用獎。

HONORS AND AWARDS 榮譽及獎項

ISSUED BY 頒發機構

Member of Standing Committee of the China Association of Circular Economy 中國循環經濟協會常務理事單位	China Association of Circular Economy 中國循環經濟協會
2022 Chinese Industry-University-Research Cooperation Innovation Award – First Prize of “Industry-University-Research Cooperation Innovation Achievement Award” 2022年中國產學研合作創新與促進獎—「產學研合作創新成果獎」一等獎	China Industry-University-Research Institute Collaboration Association 中國產學研合作促進會
Backbone Enterprise of Guangdong Province Environmental Protection Industry during the “13th Five-Year Plan” 「十三五」廣東省環保產業骨幹企業	Guangdong Association of Environmental Protection Industry 廣東省環境保護產業協會
2022 Outstanding Contribution Unit of the Member Representative Congress and High Quality Development Conference of Guangdong Environmental Protection Industry 2022年度會員代表大會暨廣東環保產業高質量發展大會突出貢獻單位	Guangdong Association of Environmental Protection Industry 廣東省環境保護產業協會
Guangdong Industrial System Staff Library 廣東省工業系統職工書屋	Guangdong Industrial Trade Union Committee 廣東省工業工會委員會
Shenzhen Top Brand 2023-2025 深圳知名品牌2023年—2025年	Shenzhen Top Brand Evaluation Committee 深圳知名品牌評價委員會

3

ABOUT OUR GROUP

關於本集團



2023 Shenzhen Ecological Environment Advanced Collective 2023年度深圳市生態環境先進集體	Shenzhen Environmental Protection Industrial Association 深圳市環境保護產業協會
2023 Shenzhen City Appearance and Environmental Industry Innovation Award (Urban Sanitation Category) 2023深圳市容環境產業創新獎(城市環衛類)	The Organising Committee of Shenzhen International Urban Environment and Landscape Industrial Exhibition 深圳(國際)城市環境與景觀產業展覽會組委會
Work Safety Standardization Certificate 安全生產標準化證書	Shenzhen Shi Nanshan Qu Work Safety Association 深圳市南山區安全生產協會
Vice President Unit of the Seventh Council of Shenzhen Environmental Science Society 深圳市環境科學學會第七屆理事會副會長單位	Shenzhen Environmental Science Society 深圳市環境科學學會
Vice President Unit of Shenzhen Battery Industry Association 深圳市電池行業協會副會長單位	Shenzhen Battery Industry Association 深圳市電池行業協會
Member Certificate of Shenzhen Environmental Protection Industrial Association 深圳市環境保護產業協會會員證書	Shenzhen Environmental Protection Industrial Association 深圳市環境保護產業協會
Internship Base of Shenzhen University 深圳大學實習基地	Shenzhen University 深圳大學
Second Prize of the Second Enterprise Staff Democratic Management Micro-video Competition in Nanshan District, Shenzhen 深圳市南山區第二屆企業職工民主管理微視頻大賽二等獎	Shenzhen Nanshan District Federation of Trade Unions 深圳市南山區總工會
Third Prize of the Third Shenzhen Enterprise Democratic Management Micro-video Competition 深圳市第三屆企業民主管理微視頻大賽三等獎	Shenzhen Federation of Trade Unions 深圳市總工會
Shenzhen Nanshan District Woman Civilisation Post 深圳市南山區巾幗文明崗	Shenzhen Nanshan District Women's Federation 深圳市南山區婦女聯合會

3.3 Promoting Technological Innovation

Dongjiang Environmental is committed to innovation and upgrading technology development, co-ordinating the use of the Group's resources to promote the iterative updating of technology, accelerating the transformation of scientific research achievements, and creating technical barriers, so as to enhance the Company's core competitiveness. The Group has now formed a relatively complete R&D management system, including the introduction and training of innovative talents, the management of innovative R&D organisations, the institutionalised management of technological innovation, and information management. The Group has carried out technical cooperation projects with research institutions such as Tsinghua University and the Research Centre for Eco-Environment of the Chinese Academy of Sciences, closely following the national policies and development trends of the environmental protection industry, and promotes the research and development of originality technologies, so as to gain a force for the transformation and upgrading of the Company.

During the Year, the Group reached new cooperation intentions with three universities, namely Fudan University, Shenzhen University and Jiangxi University of Science and Technology, and carried out exchanges and cooperation in the fields of high-level talent training, scientific research and innovation, and technical research and development. The Group currently maintains 690 registered patents, with 98 new authorized patents in 2023, including 19 patents for invention and 79 patents for utility model. A total of 690 authorized patents have been obtained, including 125 invention patents (including 1 PCT US invention patent), 563 patents for utility and 2 patents for design.

3.3 推動技術創新

東江環保致力於創新升級技術發展，統籌運用集團資源促進技術迭代更新，加速科研成果轉化，打造技術壁壘，從而增強公司核心競爭力。本集團現已形成創新人才引進與培養、創新研發組織管理、技術創新制度化管理、信息化管理等較為完善的研發管理體系，與清華大學、中科院生態環境研究中心等研究機構開展技術合作項目，緊貼國家政策和環保行業發展趨勢，推進原創性技術攻關，為公司轉型升級增添動力。

本年度，本集團與復旦大學、深圳大學、江西理工大學三所高校新達成合作意向，在高等人才培養、科研創新、技術研發等領域展開交流合作。本集團目前保持註冊專利690項，2023年新增授權專利98項，其中發明專利19項，實用新型專利79項。累計已獲得授權專利690項，其中發明專利125項（含PCT美國發明專利1項），實用新型563項，外觀設計2項。



Examples of Invention Patents During the Year: A Treatment Method of Leachate in Hazardous Waste Landfill

本年度發明專利舉例：一種危險廢物填埋場滲濾液的處理方法

Dongjiang Environmental has developed and applied for the "A Treatment Method of Leachate in Hazardous Waste Landfill", which for the first time in the international level solved the problem of strong corrosion of the titanium evaporator by bromide in the leachate in hazardous waste landfill, and increased the recovery rate of total salt in the leachate to more than 95%, providing a technical route with simple process, mild conditions and environmentally friendly for the treatment of hazardous waste liquid with high salt, especially the waste liquid with high bromine content.

東江環保研發申報《一種危險廢物填埋場滲濾液的處理方法》，在國際上首次解決了危廢填埋場滲濾液中溴化物對鈦材蒸發器強腐蝕的問題，將滲濾液中總鹽的回收率提升至95%以上，為高鹽危險廢液尤其是溴含量高的廢液處理提供了一條工藝簡單、條件溫和、環境友好的技術路線。



3

ABOUT OUR GROUP

關於本集團

R & D Establishment
研發建設

State-level postdoctoral research station 國家級博士後科研工作站	1 1個
Provincial-ministerial level innovative technology platforms 省市級創新技術平台	9 9個
Municipal-department level innovation platform 市廳級創新平台	10 10個
Headquarters research institute 總部研究院	1 1個
Base laboratories 基地實驗室	13 13個
CNAS accredited laboratory CNAS認可實驗室	1 1個
CMA accredited laboratory CMA資質認定實驗室	4 4個

Science and Technology Awards and Recognitions
科技獎項肯定

Science and technology awards received 獲得科技獎項	12 12個
Second prize of National Science and Technology Progress 國家級科技進步二等獎	1 1個
Provincial-ministerial level awards 省部級獎項	4 4個
Department-municipal level awards 廳市級獎項	2 2個

ADHERING TO THE GUIDANCE OF PARTY BUILDING

堅持黨建引領

4

The Party Committee of Dongjiang Environmental adhered to the guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, comprehensively studied and implemented the spirit of the 20th National Congress of the Communist Party of China, thoroughly implemented the general requirements of the Party building in the new era, adhered to the working philosophy of “Focus on Party building and promote development”, actively promoted the construction of modern enterprises with Chinese characteristics, strengthened the leadership of the Party in improving corporate governance, focused on giving full play to the role of the Party organisation in “controlling the direction, managing the overall situation and ensuring the implementation”, deeply promoted the deep integration of Party building and operation, and formed the unique “Three Types Dongjiang” Party building brand, which provided strong support and important guarantee for practising Xi Jinping’s Thought on Ecological Civilization and leading the high-quality development of the enterprise.

During the Year, Dongjiang Environmental focused on in-depth study and implementation of the theme education of Xi Jinping’s Thought on Socialism with Chinese Characteristics for a New Era, innovatively implemented the “Four Truths” action, gave full play to the leading role of the main position of Party building such as “First Issue”, “Three Meetings and One Class” and “Themed Party Day Activity”, and continued to deepen theoretical empowerment. The Group carried out in-depth “Large-scale Research” activities, deeply explored the main business of environmental protection to improve quality and efficiency, and strived to form a good situation of “strong Party building and strong development”. We solidly carried out the special action of “Warmth • Heart Bridge”, continued to promote “I do practical things for the people”, and integrated it into daily work. The Group boasts serious discipline, and continuously strengthens the control and supervision over the operation of its power, so as to escort the high-quality development of the enterprise.

東江環保黨委堅持以習近平新時代中國特色社會主義思想為指導，全面學習貫徹黨的二十大精神，深入貫徹落實新時代黨的建設總要求，堅持「圍繞發展抓黨建、抓好黨建促發展」的工作理念，積極推進中國特色現代企業建設，在完善公司治理中加強黨的領導，著力發揮黨組織「把方向、管大局、保落實」作用，深入推進黨建工作和經營工作深度融合，形成了獨具特色的「三色東江」黨建品牌，為踐行習近平生態文明思想，引領企業高質量發展提供了有力支撐和重要保障。

本年度，東江環保聚焦深入學習貫徹習近平新時代中國特色社會主義思想主題教育，創新實施「四真」行動，發揮「第一議題」「三會一課」「主題黨日活動」等黨建主陣地的帶動作用，持續深化理論武裝。本集團深入開展「大調研」活動，深耕環保主業提質增效，努力形成「黨建強、發展強」的良好態勢。我們扎實開展「暖•心橋」專項行動，持續推進「我為群眾辦實事」走深走實，將為群眾辦實事融在日常、抓在經常。嚴肅作風紀律，不斷強化對權力運行的制約和監督，為企業高質量發展保駕護航。

4 | ADHERING TO THE GUIDANCE OF PARTY BUILDING

堅持黨建引領



The Reading, Sharing and Exchange Meeting of the Education Campaign of Dongjiang Environmental's Party Committee Leading Team
東江環保黨委領導班子主題教育讀書分享交流會



Members of Dongjiang Environmental's Leadership Team Gave Special Party Lectures on Education Campaign at the Grassroots Level
東江環保領導班子成員深入基層講主題教育專題黨課



Red Education Campaign and Training Activity of "Pursuing, Revisiting, and Setting Out Again"
《追尋重走再出發》紅色主題教育培訓活動



The Learning (Enlarged) Meeting of the Theoretical Learning Center Group of the Party Committee
黨委理論學習中心組學習(擴大)會議

GREEN AND SUSTAINABLE DEVELOPMENT

綠色可持續發展

5

Dongjiang Environmental has taken up “Developing Ecological Civilization to Build a Better China” as its mission and “Becoming the Pioneer in Comprehensive Environmental Services in China” as corporate vision, fully practiced the concept of ecological civilization. We provide customers with high-quality comprehensive services, and continuously explore new paths for green development of enterprises through technological innovation to promote industrial upgrading.

5.1 Board Statement

The Group attaches great importance to green and sustainable development of enterprises, and has established a sound ESG governance structure. As the highest management organisation of the Group’s sustainable affairs, the Board assumes full responsibility for ESG matters, including approving ESG strategy, directions and objectives, prioritising material issues, and monitoring the implementation progress and performance of the ESG objectives. The Group has established an ESG working group, which is responsible for assisting the Board in formulating ESG strategy, promoting the actual implementation of ESG affairs, integrating ESG concepts into the Group’s daily business operations, and striving to continuously improve the Group’s ESG governance. This Year, we have reviewed the progress of environmental-related objectives in order to continuously improve our sustainability efforts.

5.2 ESG Governance Structure

The Group regards sustainable development as a crucial part of its management. To this end, we have established an ESG working group, led by executive directors and comprised of vice presidents and person in charge of each major departments. The Board assumes full responsibility for ESG strategy and reporting, and is responsible for managing, coordinating, evaluating and determining whether the existing ESG risk management and internal control systems are appropriate, and striving to comprehensively ensure the optimization and smooth implementation of ESG measures.

以「踐行生態文明，服務美麗中國」為己任，以「勇當中國綜合環境服務先行示範者」為願景，東江環保深入貫徹落實生態文明思想，為客戶提供高質量綜合型服務，並不斷通過技術創新，積極探索企業綠色發展新路徑，助力產業升級。

5.1 董事會聲明

本集團高度重視企業綠色可持續發展，建立健全ESG管治架構，由董事會作為本集團可持續事務的最高管理組織，承擔ESG事宜的全部責任，包括審批ESG策略、方向與目標，排列重要性議題優先次序，監督ESG目標的實施進度及表現等。本集團已設立ESG工作小組，負責協助董事會制定ESG策略，推動ESG事務的實際執行，將ESG理念融入集團日常業務運營，力求持續提升本集團ESG治理水平。本年度，我們已審視及檢討環境相關的目標進度，以持續完善可持續發展的工作。

5.2 ESG治理體系

本集團將可持續發展視為集團管理中至關重要的組成部分。為此，我們已經建立了一個ESG工作小組，由執行董事牽頭，副總裁和各主要部門負責人組成。董事會對ESG策略和報告承擔全部責任，負責管理協調、評估和確定現有ESG風險管理和內部監控系統的適宜性，力求全面保障ESG措施的優化和順利執行。

5 GREEN AND SUSTAINABLE DEVELOPMENT 綠色可持續發展

In order to effectively manage ESG related risks, promote and supervise the implementation of various ESG policies by various departments, the Group actively carries out green and sustainable work and builds an ESG governance system. We have established an ESG working group, led by executive directors and composed of a vice president and person in charge of each major departments, to assist the Board in implementing ESG strategy and integrating ESG concepts into the Group's daily operations. Below is the ESG structure:

為了更有效地管理ESG相關風險，推動和監督各部門執行ESG政策，本集團積極開展綠色可持續工作，搭建ESG治理體系。我們已設立ESG工作小組，由執行董事牽頭，一位副總裁及各主要部門負責人組成，協助董事會將ESG戰略落地實施，把ESG理念融入本集團的日常運營工作中。以下為ESG架構：



5.3 Stakeholder Engagement

The Group attaches great importance to the expectations and requirements of stakeholders, constantly maintains smooth communication channels with them, and fully communicates with stakeholders such as shareholders/investors, customers, suppliers and employees through various communication methods, listens to their opinions and suggestions on the development of the Group, and updates and improves the Group's sustainable development strategy.

5.3 持份者參與

本集團重視持份者的期望與要求，不斷暢通與持份者的溝通渠道，通過多種不同的溝通方式與股東／投資者、客戶、供應商、僱員等持份者充分交流，聽取其對本集團發展的意見及建議，更新完善本集團的可持續發展戰略。



Major Stakeholders 主要持份者	Expectations and Requirements 期望與要求	Main Communication Channels 主要溝通途徑
Shareholders/Investors 股東／投資者 	<ul style="list-style-type: none"> Robust operational compliance 穩健合規運營 Good returns on investment 良好投資回報 Effective risk management 有效的風險管理 	<ul style="list-style-type: none"> General meetings 股東大會 Annual report, interim report and ESG report 年度報告、中期報告及ESG報告 Performance briefing session 業績說明會 "Investor Relations" section of the Company's website 本公司網站「投資者關係」專欄 Email and phone 電郵及電話
Government/Regulatory authorities 政府／監管機構 	<ul style="list-style-type: none"> Environmental compliance 環保合規 Safe production 安全生產 Anti-corruption/anti-bribery 反貪污／反賄賂 Supporting community livelihood 支持社區民生 	<ul style="list-style-type: none"> Policy consultation 政策諮詢 Major meetings 重大會議 Site visits 現場考察 Disclosure of information 信息披露 Written responses to consultation 對諮詢的書面回應
Customers 客戶 	<ul style="list-style-type: none"> Quality products and services 優質產品和服務 Scientific research and development 科研及開發 Privacy protection 隱私保護 	<ul style="list-style-type: none"> Website and emails of the Group 集團網頁及郵箱 Daily operation/exchange 日常營運／交流 Opinion survey 意見調查 Customer complaint channels 客戶投訴渠道



5 | GREEN AND SUSTAINABLE DEVELOPMENT

綠色可持續發展



Major Stakeholders 主要持份者	Expectations and Requirements 期望與要求	Main Communication Channels 主要溝通途徑
Employees 僱員 	<ul style="list-style-type: none"> Stable employment 提供穩定就業 Reasonable welfare and benefits 合理福利待遇 Safe working environment 安全工作環境 	<ul style="list-style-type: none"> Channels for employees to express their opinions 僱員表達意見的渠道 Job performance appraisal 工作績效考核 Employee survey 僱員調研 Staff meeting 職工大會 Dongjiang Xinqiao WeChat Mini Program 東江心橋微信小程序
Suppliers 供應商 	<ul style="list-style-type: none"> Integrity and mutual benefits 誠信互惠 Fair procurement 公平採購 	<ul style="list-style-type: none"> Field trips 實地考察 Examination and evaluation 考核評價 “Sunshine Dongjiang” procurement platform 「陽光東江」採購平台
Community 社會各界 	<ul style="list-style-type: none"> Promoting social harmony 促進社會和諧 Supporting charitable activities 支持公益活動 Advocating energy saving and emissions reduction 倡導節能減排 	<ul style="list-style-type: none"> Organizing charitable activities 開展公益活動 Environmental protection education 環保教育 Opinion survey 意見調查 Dongjiang Environmental WeChat official account 東江環保微信公眾號
R&D institutions 研發機構 	<ul style="list-style-type: none"> Technical exchange and cooperation 技術交流與合作 	<ul style="list-style-type: none"> Meetings 會議 Site visits 現場考察

5.4 Materiality Assessment

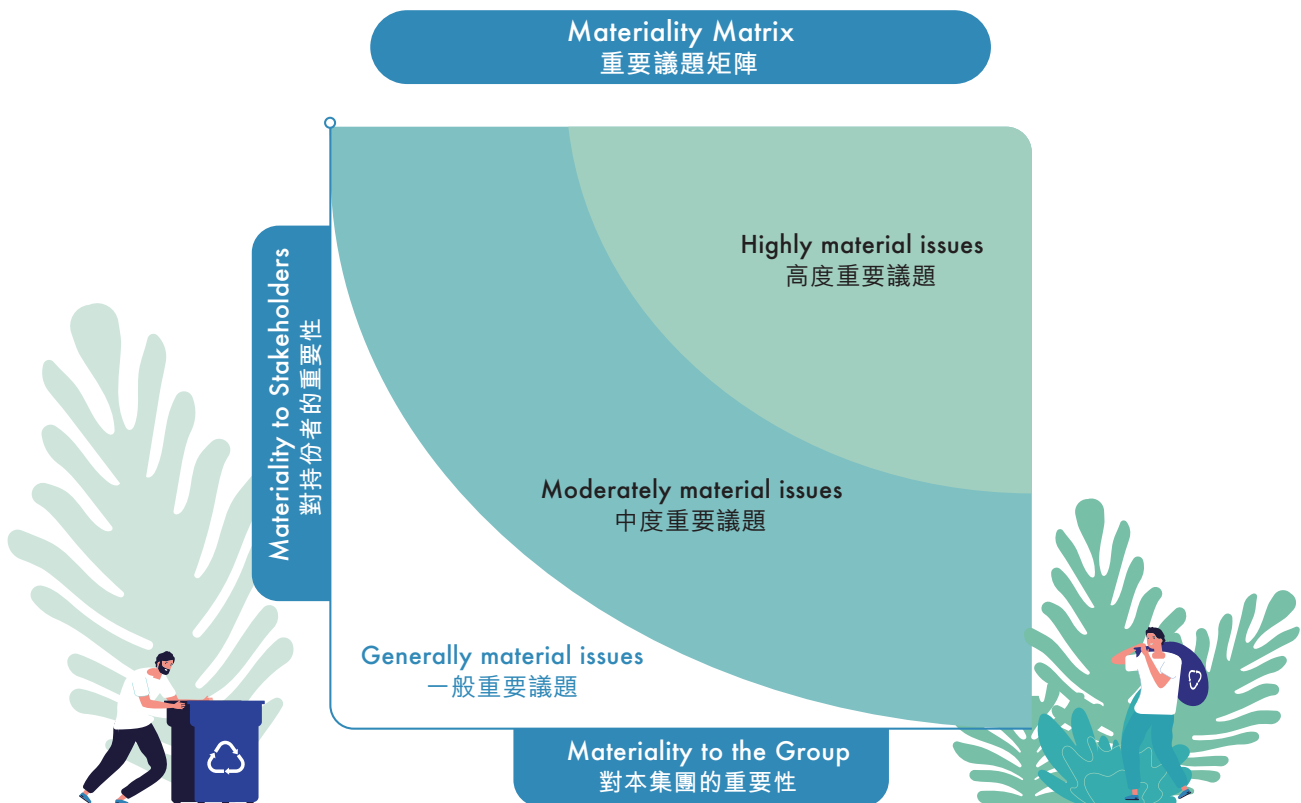
Corporate material issues are an important process for carrying out sustainable related work. We finally concluded 7 highly material issues, 12 moderately material issues and 6 generally material issues with fully reference to the Environmental, Social and Governance Reporting Guide of The Stock Exchange of Hong Kong Limited, the map of Sustainability Accounting Standards Board (SASB) and comparison with peers and based on the Group's business development goals circumstances.

During the Year, there were no significant changes in the Group's business characteristics, operating conditions and stakeholders. Therefore, the Board confirms that the materiality assessment results of the previous year still represent stakeholders' expectations and applicable to the Year, the previous materiality assessment results will survive in the Year. The Report will disclose the identified material issues to varying degrees, indicate the future direction of the Group's ESG strategic development and meet the expectations of stakeholders. The ESG materiality matrix is as follows:

5.4 重要性評估

企業重要性議題是開展可持續相關工作的重要過程，我們充分參考香港聯合交易所《環境、社會及管治報告指引》、永續會計準則委員會（SASB）議題庫及同行對標，依據本集團業務發展現況，最終歸納出7項高度重要議題、12項中度重要議題及6個一般重要議題。

本年度，本集團的業務特質、經營狀況、持份者未發生重大變化。因此，董事會確認上一年度重要性評估結果仍能代表本年度持份者的期望及適用於本年度情況，繼續沿用之前的重要性評估結果。本報告將對識別出的重要性議題進行不同程度的披露，指明未來本集團ESG戰略發展方向，回應持份者的期望。ESG重要性議題矩陣如下：



5 | GREEN AND SUSTAINABLE DEVELOPMENT

綠色可持續發展



Materiality of ESG Issues ESG議題的重要性	ESG Material Issues ESG重要議題
Highly material 高度重要 	<ol style="list-style-type: none"> 1. Waste management 廢棄物管理 2. Sewage management 污水處理 3. Exhaust emission management 廢氣排放管理 4. Anti-corruption 反貪腐 5. Compliance operation 合規運營 6. Employee health and safety 員工健康安全 7. Disaster and emergency plan planning 災難及應急預案規劃
Moderately material 中度重要 	<ol style="list-style-type: none"> 8. Energy management 能源管理 9. Greenhouse gas emissions management 溫室氣體排放管理 10. Innovative technology research and development 創新技術研發 11. Information security and privacy protection 信息安全及隱私保護 12. Intellectual property rights protection 知識產權保護 13. Customer service 客戶服務 14. Employee development training 員工發展培訓 15. Employment and labor standards 僱傭及勞工準則 16. Employee benefits 員工福利待遇 17. Community charity 社區公益慈善 18. Environmental protection education 環保教育 19. Supply chain management 供應鏈管理

GREEN AND SUSTAINABLE DEVELOPMENT

綠色可持續發展

5


Materiality of ESG Issues
ESG議題的重要性
ESG Material Issues
ESG重要議題

Generally material
一般重要



20. Resources use and recycling
資源使用及回收
21. Water resources management
水資源管理
22. Coping with climate change
應對氣候變化
23. Use of packaging materials
包裝材料的使用
24. Product quality and safety
產品質量及安全
25. Equality, diversity and inclusion
平等、多元化與包容



6

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務

Based on the construction of ecological civilization, the Group insists on promoting green development with scientific and technological progress, focuses on the field of environmental protection services, gradually forms a business system integrating industrial waste treatment, municipal waste treatment and environmental protection services, continues to explore value-added businesses such as environmental engineering and services, and is committed to becoming a domestically first-class enterprise rendering comprehensive environmental protection service.

本集團立足生態文明建設，堅持以科技進步推動綠色發展，專注於環保服務領域，逐步形成集工業廢物處理、市政廢物處理、環保服務為一體的業務體系，持續探索環境工程及服務等增值性業務，致力於成為國內一流綜合環保服務企業。

Four Core Businesses of the Group 集團四大核心業務



6.1 Intensive Engagement In Environmental Protection Services

Based on the hazardous waste treatment and disposal business, Dongjiang Environmental has formed a comprehensive environmental service field with the resource utilization and harmless treatment of industrial and municipal waste as the core, and strictly abide by the relevant laws and regulations on environmental protection including the Environmental Protection Law of the People's Republic of China, Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution, the Water Pollution Prevention and Control Law of the People's Republic of China, the Water Law of the People's Republic of China, Law of the People's Republic of China on Noise Pollution Prevention and Control, Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, Law of the People's Republic of China on Appraising of Environment Impacts, the Soil Pollution Prevention and Control Law of the People's Republic of China and the Regulations on the Administration of Construction Project Environmental Protection, and strictly implement the industry standards including the Ambient Air Quality Standards (GB3095-2012), the Emission Standards for Odor Pollutants (GB14554-93), the Environmental Quality Standard for Surface Water (GB3838-2002), the Environmental Quality Standard for Noise (GB3096-2008), the Quality Standard for Ground Water (GB/T14848-2017), the Soil Environmental Quality Risk Control Standard for Soil Contamination of Development Land (Trial) (GB36600-2018), the Pollution Control Standards on Incineration of Hazardous Waste (GB18484-2020), the Integrated Emission Standard of Air Pollutants (GB16297-1996), the Standard for Fugitive Emission of Volatile Organic Compounds (GB37822-2019), and the Integrated Waste water Discharge Standard (GB8978-1996), and provide safe and high-quality environmental protection services for more than 25,000 customers across the country.

The Group adheres to the principles of reduction, harmlessness treatment and resource utilization to carry out the co-processing of waste recycling and harmless processes, and strictly inspecting and supervising the pollutant discharge in various ways. When conducting the environmental impact assessment of the project, the Group insist that environmental protection facilities be designed, constructed and put into use at the same time as main project to ensure that the overall project can effectively monitor and treat pollutants after it is put into formal operation. We actively promoted the construction of the Company's information platform, collected and tested the environmental data such as the discharge volume of key pollutant discharge units, and cooperated with third-party institutions to provide the final data results to the Group's business improvement and public supervision, striving to make the Group's various environmental protection businesses refined and practical.

6.1 深耕環保服務

東江環保立足危險廢物處理處置業務，形成了以工業和市政廢物資源化利用與無害化處理為核心的全面環境服務領域，嚴格遵守《中華人民共和國環境保護法》、《中華人民共和國大氣污染防治法》、《中華人民共和國水污染防治法》、《中華人民共和國水法》、《中華人民共和國環境噪聲污染防治法》、《中華人民共和國固體廢物污染環境防治法》、《中華人民共和國環境影響評價法》、《中華人民共和國土壤污染防治法》、《建設項目環境保護管理條例》等環境保護相關法律法規；嚴格執行《環境空氣質量標準》(GB3095-2012)、《惡臭污染物排放標準》(GB14554-93)、《地表水環境質量標準》(GB3838-2002)、《聲環境質量標準》(GB3096-2008)、《地下水質量標準》(GB/T14848-2017)、《土壤環境質量建設用地土壤污染風險管控標準(試行)》(GB36600-2018)、《危險廢物焚燒污染控制標準》(GB18484-2020)、《大氣污染物綜合排放標準》(GB16297-1996)、《揮發性有機物無組織排放控制標準》(GB37822-2019)、《污水綜合排放標準》(GB8978-1996)等行業標準，為全國2.5萬餘家客戶提供安全且高質的環保服務。

本集團堅持減量化、無害化、資源化原則進行廢物資源化和無害化工藝協同處理，並通過多種方式嚴格監督檢查排污情況。在對項目工程進行環境影響評價時，本集團堅持環保設施與主體工程同時設計、同時施工、同時投入使用，確保整體工程投入正式運營後能夠有效監測和處理污染物。我們積極推進公司信息化平台建設，對重點排污單位的排污量等環境數據進行數據收集檢測，與第三方機構合作，將最終數據結果提供給集團業務改善和公眾監督，努力把集團各項環保業務做精做實。

6

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務

During the Reporting Period, the Company did not have any material environmental pollution accidents.

In this Report, 16 subsidiaries of the Group are selected to introduce the efforts and new achievements of Dongjiang Environmental in environmental protection and resource utilization in each of the Group's four major areas of strength, namely industrial hazardous waste utilization and treatment, municipal solid waste utilization and treatment, rare and precious metal recycling, and ecological and environmental services.

- **Industrial Hazardous Waste Treatment And Resource Utilization**

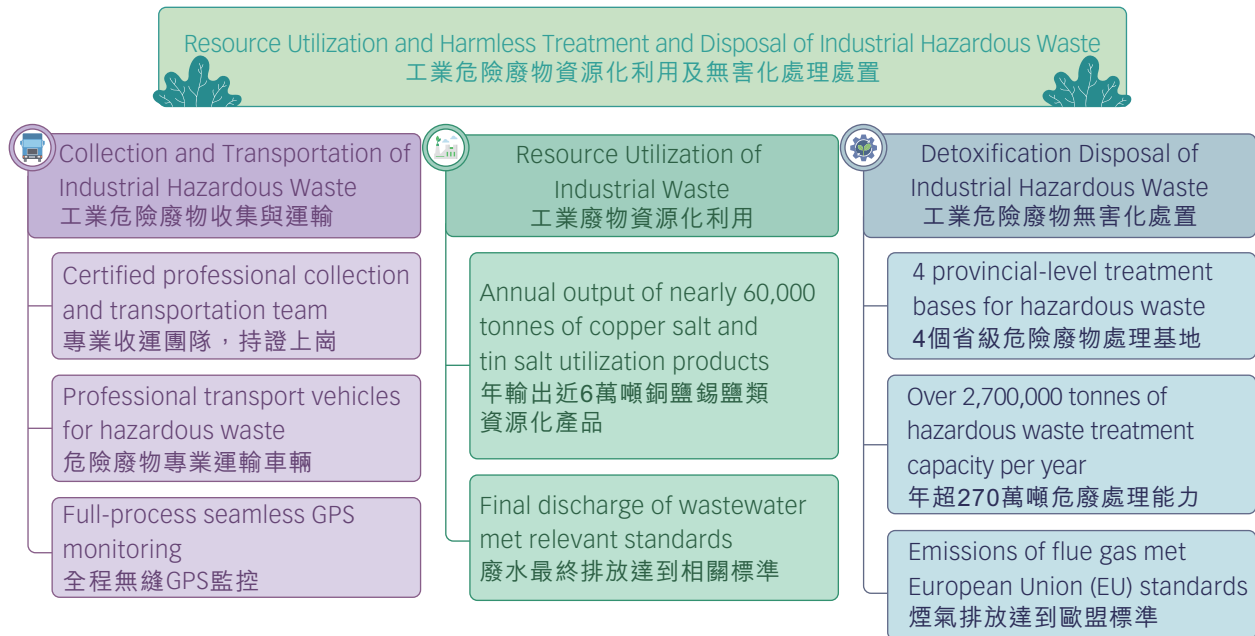
Industrial hazardous waste generally includes industrial waste such as waste acid and alkali, heavy metals and waste mineral oil generated in the process of industrial production due to material consumption, product manufacturing, waste discharge and other processes, which are toxic, corrosive and hazardous in nature or may cause harmful effects on the ecological environment and human health. Dongjiang Environmental has been focusing on waste treatment and resource utilization since its establishment. The Group strictly follows relevant laws and regulations pertaining to industrial waste treatment, including the Environmental Protection Law of the People's Republic of China, Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, Standards for Pollution Control on the Storage and Disposal Site for General Industrial Solid Wastes, the Measures for the Administration of Permit for Operation of Dangerous Wastes, Measures for the Transfer of Hazardous Wastes and Standard for Pollution Control on Hazardous Waste Incineration (GB18484-2020). Over the years, Dongjiang Environmental has accumulated rich industry experience and possesses the qualifications for treating 44 categories of hazardous waste. We are committed to promoting the "United Nations ("UN") Sustainable Development Goal 12 - Responsible Consumption and Production", hope to significantly reduce waste generation through measures such as prevention, emission reduction, recycling and reuse, in order to achieve the vision of sustainable management and efficient use of natural resources by 2030.

報告期內，本集團未發生重大環境污染事故。

本報告選取本集團16家子公司，分別從集團四大優勢領域，即工業危廢利用與處理、市政固廢利用與處理、稀貴金屬回收、生態環境服務，介紹東江環保在環境保護與資源化利用方面的努力與新成果。

- **工業危廢處理及資源化利用**

工業危廢一般包括在工業生產過程中由於材料消耗、產品製造、廢料排放等流程中產生的廢酸廢鹼、重金屬、廢礦物油等具有毒性、腐蝕性等危險特性或可能對生態環境及人體健康造成有害影響的工業廢品。東江環保自成立之初便專注於廢物處理及資源化利用，本集團嚴格遵守《中華人民共和國環境保護法》、《中華人民共和國固體廢物污染環境防治法》、《一般工業固體廢物貯存、處置場污染控制標準》、《危險廢物經營許可證管理辦法》、《危險廢物轉移管理法》及《危險廢物焚燒污染控制標準》(GB18484-2020)等工業廢棄物處理的相關法規，多年來積累了豐富的行業經驗，擁有44類危險廢物處理資質。我們致力推動實現「聯合國可持續發展目標12—採用可持續的消費和生產模式」，期望可以通過預防、減排、回收和再利用來大幅減少廢物的產生，到2030年實現自然資源的可持續管理和高效利用的願景。



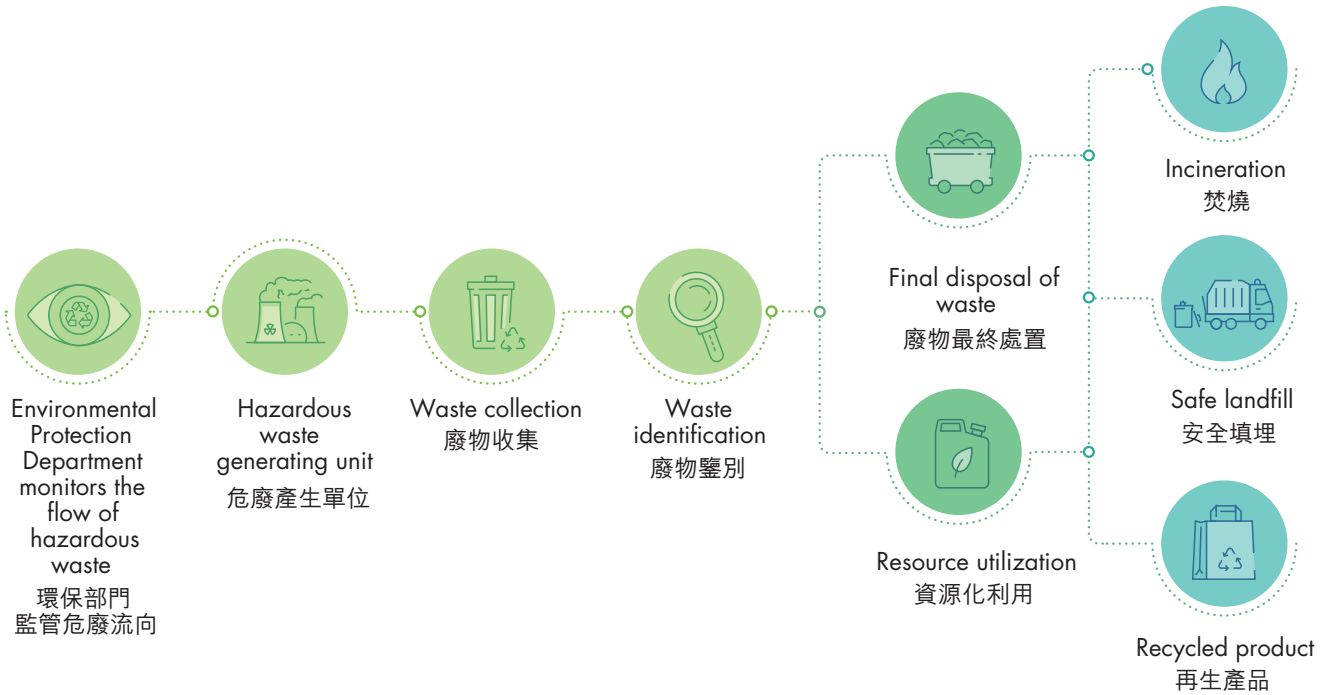
Through various methods such as physical and chemical treatment, biological treatment, incineration heat treatment, and secure landfill, the Group classifies and treats hazardous waste according to the characteristics of the process, extracts and converts the useful components in the waste as much as possible, which not only reduces the amount of waste discharged during the treatment process, but also “turns waste into treasure” through technological innovation, so as to reduce, render hazardous waste harmless and convert it into resources. In addition, the Group also implements high-standard supervision for the collection and transportation of hazardous waste, such as installing GPS systems for professional transportation vehicles and seamlessly positioning and monitoring throughout the process.

本集團通過物理化學處理、生物處理、焚燒熱處理、安全填埋等多種手段，對危險廢物按流程特點進行分級分類處理，盡可能提取、轉化廢品中的可利用成分，不僅降低處理過程中的排污量，還通過技術革新將廢棄物「變廢為寶」，實現危廢減量化、無害化、資源化處理。此外，集團還對危廢的收集、運輸進行高規格監管標準，如對專業運輸車輛安裝GPS系統，全程無縫進行定位監控等。

6

COMPREHENSIVE ENVIRONMENTAL BUSINESS
全面環境業務

Business Model of Industrial Hazardous Waste 工業危險廢物的業務模式



• Municipal Solid Waste Treatment

The Group’s municipal waste treatment business mainly includes municipal waste landfill, municipal sewage treatment, landfill odour control, leachate treatment, kitchen waste treatment. The Group also uses domestic waste landfill gas for power generation, actively develops the scale of qualifications in the field of domestic waste recycling and resource utilization, continuously develops the value of municipal waste through technological innovation, making contribution to fulfilling “UN Sustainable Development Goal 7–Affordable and Clean Energy”.

During the Reporting Period, Dongjiang Environmental has a total of 4 landfill gas power generation projects, including Xiaping Landfill Gas Power Generation Project, Shenzhen Laohukeng Landfill Gas Power Generation Project, Hefei Longquanshan Domestic Waste Landfill Gas Power Generation Project and Nanchang Maiyuan Waste Treatment Plant Landfill Gas Power Generation Project. The four landfill gas power plants have a total installed capacity of 21MW and an annual power generation capacity of approximately 70 million kWh.

• 市政固廢處理

本集團市政廢物處理業務主要包括市政垃圾填埋、市政污水處理、填埋場臭氣控制、滲濾液處理，以及餐廚垃圾處理等領域，並且利用生活垃圾填埋氣進行發電，積極開拓生活垃圾回收處理及資源化利用領域的資質規模，不斷通過技術創新開發市政廢物價值，協助實現「聯合國可持續發展目標7—經濟適用的清潔能源」。

報告期內，東江環保共有4個填埋氣發電項目，包括下坪垃圾填埋場氣發電項目、深圳老虎坑垃圾填埋氣發電項目、合肥市龍泉山生活垃圾填埋氣發電工程項目、南昌麥園垃圾處理廠填埋氣發電項目。四個填埋氣電廠的總裝機容量達21MW，年發電量約7,000萬度。

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務

6

- **Rare Precious Metal**

Since the acquisition of Xiongfeng Environment in 2021, Dongjiang Environmental has completed the deployment in the field of recycling and utilization of waste resources such as waste residues of non-ferrous metals. At present, a mature production process has been formed, which can process more than 120,000 tonnes of "Three Wastes" materials per year, and comprehensively recycle nearly 20,000 tonnes of various rare and precious metals such as bismuth. The refined bismuth produced accounts for more than 6% of the domestic market, and the product popularity and reputation rank top among similar domestic products.

- **Environmental Protection Engineering and Services**

Dongjiang Environmental is committed to providing customers with one-stop environmental protection engineering and services, and using the industry experience and technical advantages accumulated over the years to meet the needs of customers for value-added business. In response to the different periods of customers' projects, we provide technical consultation, design, construction, operation management, environmental impact assessment, environmental monitoring and other services throughout the life cycle of environmental protection facilities engineering, and purchase and sell auxiliary chemical raw materials required by the Group and its major industrial customers. At the same time, the Group continuously improves the level of industrial wastewater treatment, refines process design, supervision and management, technical application and other processes, ensures the high efficiency and high quality of each project, and promotes the realisation of "UN Sustainable Development Goal 6 - Clean Water and Sanitation".

- **稀貴金屬**

東江環保自2021年收購雄風環保以來，完成了對含有色金屬廢料廢渣等廢棄資源回收利用領域的佈局，目前已形成成熟的生產工藝，年可處理「三廢」物料12萬噸以上，綜合回收鈹等各種稀貴金屬近2萬多噸，所產精鈹佔國內市場6%以上的份額，產品知名度、美譽度居國內同類產品前列。

- **環保工程及服務**

東江環保致力於為客戶提供一站式的環保工程及服務，運用多年積累起的行業經驗和技術優勢，滿足客戶增值性業務的需求。針對客戶項目所處的不同時期，我們提供環境保護設施工程全生命周期的技術諮詢、設計、建設、運營管理、環境影響評價及環境監測等服務，並購銷本集團及其主要工業客戶所需的輔助化工原料。同時，本集團不斷提升工業廢水處理水平，精細化打磨工藝設計、監督管理、技術運用等流程，保證每個工程項目的高效率、高質量，推動「聯合國可持續發展目標6—清潔飲水和衛生設施」的實現。



6

COMPREHENSIVE ENVIRONMENTAL BUSINESS 全面環境業務

Industry Chain of One-stop Environmental Protection Services 一站式環保服務產業鏈

Planning stage 規劃期	
Environmental management consultation 環境管理諮詢 Environmental feasibility study 環境可行性研究 Environmental planning 環境規劃 Classified management and technical guidance on wastewater 廢水分類管理與技術指導	
Construction stage 建設期	
Design of environmental protection facilities 環境保護設施的設計 Environmental engineering construction 環境工程建設 Environmental engineering contracting 環境工程總包	
Operation stage 運營期	
Operational services of environmental protection facilities 環保設施的運營服務 Waste classification, collection and delivery and treatment 廢物分類、收運、處理 Packaging management standards and technical guidance 包裝管理規範和技術指導 Environment and product inspection 環境及產品檢測 Provision of chemical raw materials 提供化工原料	
Expansion stage 擴建期	
Design of environmental treatment facilities 環境治理設施設計 General contracting of construction 施工總承包	





6.2 Fulfilling Environmental Protection Operation

As a leading environmental protection service enterprise in the industry, Dongjiang Environmental actively undertakes the responsibility of industrial upgrading, responds to the national industrial orientation of “carbon peak and carbon neutrality” and “high-quality development”, and focuses on promoting the collaborative treatment of waste recycling and harmless processes. We have formulated the following targets:

6.2 踐行環保運營

作為一家行業領先的環保服務企業，東江環保積極承擔企業產業升級責任，響應國家「雙碳」與「高質量發展」的產業導向，重點推進廢物資源化和無害化工藝協同處理，我們制定了以下目標：

Target 目標

Emission of greenhouse gases 溫室氣體排放 	By active implementation of the energy saving measures of the Group, the intensity of greenhouse gas emissions will be maintained or gradually reduced in the future at similar levels of operations. 積極落實執行集團的節約能源措施，未來在運營水平持平的情況下維持或逐步減少溫室氣體排放的強度。
Energy efficiency 能源使用效益 	By active implementation of the energy saving measures of the Group, the intensity of electricity consumption will be maintained or gradually reduced in the future at similar levels of operations. 積極落實執行集團的節約能源措施，未來在運營水平持平的情況下維持或逐步減少耗電強度。
Water efficiency 用水效益 	By active implementation of the energy saving measures of the Group, the intensity of water consumption will be maintained or gradually reduced in the future at similar levels of operations. 積極落實執行集團的節約能源措施，未來在運營水平持平的情況下維持或逐步減少耗水強度。
Waste reduction 減少廢棄物 	By active implementation of the energy saving measures of the Group, the intensity of waste generation will be maintained or gradually reduced in the future at similar levels of operations. 積極落實執行集團的節約能源措施，未來在運營水平持平的情況下維持或逐步減少廢棄物產生的強度。

During the Year, we have reviewed the progress of the implementation of the objectives and environmental measures, and confirmed that the environmental objectives of the previous year will also be equally applicable and continue to make plans for environmental protection in the coming year. Compared with last year, the intensity of greenhouse gas emissions, the intensity of electricity consumption and the intensity of non-hazardous waste generation this Year are similar to last year's, while the intensity of water consumption are lower than last year, and the intensity of hazardous waste generation is higher than last year. We will continue to strive to adopt various environmental protection, energy conservation and emission reduction measures to practise environmental protection.

本年度，我們已回顧審查目標及環保措施的執行進度，確認上一年度環境目標同樣使用於來年規劃環保工作。與去年比較，本年度的溫室氣體排放強度、耗電強度及無害廢棄物產生強度與去年相若，耗水強度較去年減少，有害廢棄物產生的強度則較去年增加，我們會繼續努力採取各種環保節能減排措施，踐行環保。



6

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務

• Pollution Prevention and Management

In addition to providing customers with comprehensive environmental protection engineering services, we also attach great importance to the prevention and control of pollutants in our own operations, and have formulated and implemented a series of regulations to continuously reduce the impact of the Group's business on the environment.

• 污染防治及管理

除了為客戶提供全面的環保工程服務外，我們也十分注重自身運營過程中的污染物防治與控制，制定並實施了一系列規定，不斷降低集團業務對環境的影響風險。



Industrial Waste Treatment 工業廢棄物處理

Exhaust gas treatment
廢氣處理



- Equip physicochemical treatment workshops with exhaust gas purification systems, so the purified exhaust gas can be emitted after meeting the standards
物化處理車間設有廢氣淨化系統，淨化後的廢氣達標排放
- Set up exhaust gas treatment systems at the incineration workshops, so the treated exhaust gas can be emitted after meeting the standards
焚燒車間設有尾氣處理系統，處理後的尾氣達標排放

Wastewater treatment
廢水處理



- Build a wastewater treatment system that adapts to changes of water quality and quantity
建立能適應水質水量變化的廢水處理系統
- Follow the principle of treating waste by using waste
遵循以廢治廢的原則
- Reuse part of treated wastewater that meets the standards and discharge the rest
廢水處理達標後部分回用，其餘外排
- Install devices to monitor water in and out online and the water is regularly analyzed and monitored by laboratories
進水和出水都安裝有在線監測儀器並有化驗室進行定期分析監測

Solid waste treatment
固體廢物處理



- Production workshops recycle sludge with high metal content that is generated from pre-treatment of raw materials through pressure filtration and impurity removing process of mother liquor
原料預處理壓濾、母液除雜壓濾產生的含金屬污泥中金屬含量較高，由生產車間回收利用
- Transport of residue from sewage treatment to a safe landfill site
廢水處理產生的廢渣送至安全填埋場
- Treat hazardous waste by incineration or landfill, which depends on the characteristics of the hazardous waste
處理有害廢棄物時，根據危險廢物特性，進行焚燒處置或填埋處置
- Use of the generated dehydrated sludge as a type of resource utilization by a third-party unit to produce brick
產生的脫水污泥交由第三方單位處置，對其進行資源化利用制磚

Noise control
噪聲控制



- Select low-noise equipment
選用低噪聲設備
- Install hosepipes, mufflers, and noise enclosures
裝設軟管、消聲器、隔聲罩
- Install sound-absorbing materials in indoor walls
室內牆壁安裝吸聲材料



Municipal Waste Treatment 市政廢棄物處理

Dust treatment 粉塵處理



- Spray water at landfill sites, soil extraction sites, access routes and roads within the operating area on a regular basis
在垃圾填埋作業區、土源採掘區、進場公路和場區道路等區域定期灑水

Exhaust gas treatment 廢氣處理



- Utilize treated landfill gas as a source of biomass energy to generate electricity which will be supplied to local residents after connection to the grid
將填埋氣處理後作為生物質能源發電，並網後供應當地居民生產生活用電

Leachate treatment 滲濾液處理



- Separate discharge systems for clean water and leachate at the site
場區清水和滲濾液各自形成獨立排放系統
- After adjustment of water quality and quantity treatment at the equalization basin, the collected leachate will be treated up to standard at the leachate treatment stations and discharged through pipes
滲濾液收集進入調節池進行水質水量調節後，再經滲濾液處理站處理達標後由管道外排
- Adopt horizontal impermeable liner made of HDPE at the bottom of the landfill site to prevent leakage
採用水平防滲法，在填埋場底鋪設HDPE防滲膜作為防滲層

Greening 綠化



- Upon completion of construction, undertake greening works to both sides of access roads, soil extraction sites, vacant sites, leachate treatment stations and office buildings
施工結束後對進場道路兩側、土源取土後的場地、場區空地、滲濾液處理站及辦公樓等處進行綠化
- The plants for greening are mainly those that can absorb or resist irritant gases such as hydrogen sulfide and ammonia
綠化植物以對硫化氫、氨等刺激性氣體具有吸收或抗性作用的植物為主
- Perform timely greening and restoration works on the surface of landfill and the surface after closure
填埋場最終覆土面及封場後的表面及時進行綠化和復墾

Noise control 噪聲控制



- Select low-noise equipment
選用低噪聲設備
- Adopt noise insulation and absorption measures for the pumping devices at the equalization basin
對調節池的泵類設備採取隔音和消音等措施



6

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務

Case of R&D in pollution prevention and control during the Year :
Breakthroughs in waste oil recycling process
本年度污染防治研發案例：廢油資源化工藝取得突破



Zhuhai Yongxingsheng, a subsidiary of Dongjiang Environmental, innovatively recycled waste oil with high calorific value as incinerator fuel oil through technological transformation. For the first time, it realized the resource utilization of waste oil in hazardous waste. For 6 months of operation, the resource utilization of waste oil was 125.74 tonnes, and the fuel consumption per unit decreased by 72.78% compared with 2022 (20.9 kg/tonne decreased to 5.69 kg/tonne), directly saving fuel costs of approximately CNY1,000,000, indirectly saving waste treatment costs of CNY250,000, and achieving remarkable results in cost reduction and efficiency improvement.


東江環保旗下子公司珠海市永興盛通過工藝技改創新回收高熱值廢油作為焚燒爐燃料油，首次實現危險廢物中的廢油資源化利用，運行6個月，資源化利用廢油125.74噸，油單耗較2022年下降72.78%（20.9千克／噸降低至5.69千克／噸），直接節省燃料成本約人民幣100萬元，間接節省廢物處理成本人民幣25萬元，降本增效成果顯著。


- **Energy Conservation and Emission Reduction**

Dongjiang Environmental practices green production through action, strictly controls the energy consumption of all stages of daily production within the Group, and monitors energy usage data and recycling and reuse through the upgrading and renovating of equipment and facilities at each node in the use of water and electricity to avoid waste to the greatest extent.

- **節能減排**

東江環保用行動踐行綠色生產，嚴格把控集團日常生產各環節的能源用度，通過對水能、電能使用各節點裝置設施的升級改造，監測能源使用數據並循環回收利用，最大程度避免浪費。


Energy Saving
節能

- Replace multi-level centrifugal blowers with air suspension blowers to reduce electricity consumption
以空氣懸浮鼓風機取代多級離心鼓風機，減少用電能耗
 - Replace with new aeration tubes to strengthen process control, improve the oxygen transfer rate, save energy and reduce consumption
更換新的曝氣管，加強工藝過程控制，提高氧轉移速率、節能降耗
 - Replace oil-fired boilers with oil and gas dual purpose boilers, so that natural gas can be used in production processes for reducing carbon emissions
以油氣兩用鍋爐取代燃油鍋爐，令生產過程可利用天然氣減少碳排放
 - Replace high-energy lamps with energy-saving LED lighting
以節能型LED照明取代高耗能燈具
 - Flue waste heat recovery
煙道餘熱循環再用
 - Introduce variable frequency power equipment
引進變頻動力裝置
 - Monitor plant power consumption daily
每日監察廠房用電量
 - Implement departmental energy conservation incentive programs to encourage competition among departments for energy efficiency performance
實行部門節能獎勵計劃，鼓勵部門間在節能表現上競爭
- 

6

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務

Water Saving

節水

- Use recycled wash water
循環使用物料洗滌水
- Replace the inclined plate sedimentation tank with MBR membrane to improve wastewater treatment capacity
用MBR膜替代斜板沉澱池，提高廢水處理能力
- Condensate water for recycling and reuse
冷凝水循環再用
- Improve physical and chemical wastewater treatment programs
提升物理性及化學性污水處理程序
- Monitor plant water consumption daily
每日監察廠房用水量
- Reuse wastewater with high ammonia nitrogen and distilled water
高氨氮廢水蒸餾水回用
- Wash factory equipment with reused water
使用回用水清洗廠內設備

Case of energy-efficient green production during the Year: Using more energy-efficient machines to save energy

本年度綠色生產節能案例：使用能源效益較高的機器



Shaoguan Dongjiang, a subsidiary of Dongjiang Environmental, focuses on upgrading the solid workshop waste gas collection and treatment system, the incineration workshop waste gas treatment system and the incineration secondary burn chamber, saving 54.33 tonnes of diesel per year, 65.99 tonnes of standard coal equivalent in energy consumption per year, 0.22 tonnes of odour emissions per year, 0.17 tonnes of sulphur dioxide emissions per year, 0.56 tonnes of smoke and dust emissions per year, and 198 tonnes of general solid waste emissions per year, achieving certain energy saving and environmental benefits.

東江環保旗下子公司韶關東江重點對穩固化車間廢氣收集處理系統、焚燒車間廢氣處理系統、焚燒二燃室進行升級改造，節約柴油54.33噸／年，節約能耗65.99噸標準煤當量／年，減少惡臭排放0.22噸／年，減少二氧化硫排放0.17噸／年，減少煙塵排放0.56噸／年，減少一般固廢排放198噸／年，取得了一定的節能和環境效益。

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務

6

Case of energy-efficient green production during the Year: Production line upgrade 本年度綠色生產節能案例：生產線升級



In order to improve harmless treatment and resource utilization of sludge, and assist the local government to fight the battle of pollution prevention and control, Shaoguan Dongjiang has completed the construction of the brick making machine system, the smelting furnace system, the RTO system, the desulfurization system, the activated carbon adsorption silo and ancillary equipment by organizing the transformation and upgrading of the heavy metal sludge comprehensive utilization project, and successfully obtained the Hazardous Waste Operating Permit in October 2023 to accelerate the expansion of a new track for comprehensive utilization of resources.

為提高污泥無害化處理和資源化利用水平，協助地方政府深入打好污染防治攻堅戰，韶關東江通過組織實施重金屬污泥綜合利用項目改造升級，完成制磚機系統、熔煉爐系統、RTO系統、脫硫系統、活性炭吸附倉以及附屬設備等項目施工，於2023年10月順利取得《危險廢物經營許可證》，加速拓展資源化綜合利用新賽道。

Firstly, we developed a production line for empty barrels cleaning and crushing. After the treatment of liquid hazardous waste, empty packaging barrels used to hold liquids will be cleaned, crushed and made into plastic pellets, which not only saves the cost of internal empty barrels crushing treatment, but also increases revenue through the sales of plastic pellets. Secondly, we developed a production line for sawdust crushing, breaking waste wood such as the Company's pallets into sawdust and providing auxiliary materials for the workshop to reduce the procurement cost of sawdust auxiliary materials. Thirdly, we independently completed the coating of water quenching slag to ensure the safe storage of water quenching slag and achievement of environmental protection standards, so as to save the cost of external coating. While increasing revenue, waste raw materials are reused to save costs and resource consumption.

第一，我們開發空桶清洗破碎生產線，在對液體危險廢物處理後，將用於盛裝液體的空包裝膠桶進行清洗、破碎並製作成膠粒，不僅節省內部空桶破碎處理成本，還通過膠粒銷售增加了收入。第二，我們開發木糠破碎生產線，將公司卡板等廢舊木料破碎成木糠並為車間提供輔料，降低木糠輔料採購成本。第三，我們獨立完成水淬渣覆膜工作，確保水淬渣安全存放、環保達標，節省外委覆膜成本。在增加收入的同時，使得廢舊原料重新被利用，節省成本和資源消耗。



6

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務

• Smart Management

In order to realize the whole-process, all-round and no-blind-spot refined management of hazardous waste from generation, transfer and transportation, receipt and storage, to final treatment and utilization, the Group independently developed a smart environmental protection operation platform, integrating intelligent labelling, mobile traceability, intelligent weighbridge and other applications, with comprehensive and effective supervision, improving internal coordination efficiency and the overall production level. In order to improve the capability of situation analysis of safety and environmental risk situation and emergency response, the Group continued to promote the special campaign of "Safety through Science and Technology", relying on the "Safe Dongjiang", a smart safety and environmental management platform, integrated dangerous operation management, toxic and hazardous gas monitoring and alerting, intelligent video analysis, unmanned aerial vehicles/hidden danger inspection robots and other applications. The platform uses information technologies such as big data, AI cloud computing and 5G + Internet of Things to achieve hidden danger management, online monitoring, training and drill management, accident management, dynamically monitor key operation data, such as abnormal high temperature and high pressure, toxic and hazardous gas emissions, effectively helping management personnel to monitor and respond to the on-site situation in real time, eliminate hidden dangers from the source, and realise dynamic, standardised and systemic safety and environmental management.

Shenzhen Huateng Environmental Information Technology Co., Ltd. ("Huateng Environmental"), a subsidiary of the Group, also participated in the project of "Guangdong Hazardous Waste Whole-Process Digital Monitoring and Management Application Demonstration" led by the Provincial Solid Waste Centre, and won the first prize of Guangdong Environmental Protection Science and Technology Award in 2022. The use of the "Intelligent Environmental Protection Operation Platform" was the first in Guangdong Province to achieve 100% online traceability of hazardous waste, and 100% integration and sharing of key data with regulatory authorities. In addition, the Platform also won the "Outstanding Application Award" of the 2023 Intelligent Supervision Business Model Innovation Activity of the State-owned Assets Supervision and Administration Commission of the State Council, which was listed as an excellent application of "strong business innovation, high intelligence level and great promotion value".

• 智能管理

為實現對危險廢物從產生、轉移及運輸、接收及貯存、到最終處置利用的全過程、全方位、無死角精細化管理，本集團自主研发智慧環保運營平台，融合智能標籤、移動溯源、智能地磅等應用，在全面有效的監管下，提高內部協同效率，提升整體生產水平。為提升安環風險態勢研判和應急響應能力，本集團持續推進科技興安專項行動，依托「平安東江」智慧安環管理平台，集成危險作業管理、有毒有害氣體監測與報警、智能視頻分析、無人機/隱患巡檢機器人等應用為一體。利用大數據、AI雲計算、5G+物聯網等信息化技術，實現隱患管理、在線監測、培訓與演練管理、事故管理等功能，動態監測關鍵運行數據，如異常高溫高壓、有毒有害氣體排放等情況，有效幫助管理人員對現場情況實時監控並及時作出反應，從源頭消除隱患，實現動態化、標準化、系統化的安環管理工作。

本集團下屬企業深圳市華藤環境信息科技有限公司（以下簡稱「華藤環境」）還參與了由省固廢中心牽頭開展的《廣東省危險廢物全過程數字化監控及管理應用示範》項目，榮獲2022年度廣東省環境保護科學技術一等獎，「智慧環保運營平台」的使用在廣東省內率先實現了危險廢物100%在線溯源，以及與監管部門關鍵數據100%集成共享。此外，該平台還榮獲國務院國資委2023年智能監管業務模型創新活動「傑出應用獎」，名列「業務創新強、智能化水平高、推廣價值大」的優秀應用之列。

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務

6

• Environmentally Friendly Office

With the ongoing creation of environmentally friendly office culture, Dongjiang Environmental encourages employees to take the initiative to develop green and energy-saving working habits in daily work. The Group issued the proposal of “strict diligence and frugality, against extravagance and waste”, which is managed in five aspects: water saving, electricity saving, resources saving, green travel, and cultivation of conservation awareness.



For data of energy consumption, water consumption and waste during the Year, please refer to Appendix I: KPI Data Table. In addition, the Group did not have any issues in sourcing of water.

• 環保辦公

東江環保始終堅持營造環保辦公文化，鼓勵員工在日常工作中主動養成綠色節能的工作習慣，本集團發佈「厲行節約，反對浪費」倡議書，從節約用水、節約用電、節約資源、節約出行及節約意識培養五個方面進行管理。

本年度的能源及水消耗量，以及廢棄物數據請參閱附錄一：關鍵績效指標數據表。此外，我們在獲取適當水源上沒有任何問題。



<p>Water saving 節約用水</p> 	<ul style="list-style-type: none"> • Post placards reminding staff of saving water on the walls of every washroom 在各洗手間內張貼節約用水提醒標貼 • Intensify daily maintenance and management of water-using equipment, conduct regular water pipe leak tests, and promptly report any damages found for repair 加強用水設備的日常維護和管理，定期進行水管滲漏測試，發現損壞及時報修 • Use rainwater to water plants 使用雨水澆灌植物
<p>Electricity saving 節約用電</p> 	<ul style="list-style-type: none"> • Purchase electronic devices with energy efficiency labels and promptly turn off appliances and electronic devices that are not in use, including lights, printers, and computers 購買具有能源效益卷標的電子設備，及時關閉不使用的電器與電子設備，如電燈、打印機、電腦等 • Set up independently controllable lighting switches in different lighting areas and use daylight as much as possible 不同照明區域設立可獨立控制的照明開關，並盡量使用日光照明 • Clearly stipulate the use time and temperature of air conditioning degrees, and instal sealing strips on doors and windows to avoid the leakage of tempered air 明確規定空調度數使用時間及溫度，於門窗裝上密封條，避免已調溫的空氣外泄 • Multiple servers are concentrated in a single high capacity server and adopt virtualized computer equipment to reduce power consumption 多個服務器集中於單一較高容量的服務器中，採用虛擬化計算機設備以減少耗電量






6

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務



<p>Resources saving 節約資源</p> 	<ul style="list-style-type: none"> • Encourage duplex printing and ink-saving mode and promote the use of recycled paper to minimize the use of paper for printing 鼓勵使用雙面打印及省墨模式，鼓勵使用再生紙，盡量減少打印紙張的利用 • Replace the paper-based office administration system with the electronic office system 使用電子辦公系統取代以紙張記錄為主的辦公室行政系統 • Use waste sorting and recycling bins for recycling waste paper, metal, waste batteries, and plastics 使用垃圾分類回收筒以回收廢棄紙張、金屬、廢棄電池及塑料類 • Reduce the use of disposable and non-recyclable cups and other similar products, and use recyclable toner/ink cartridges 減少使用水杯等一次性及不可回收的產品，使用可循環再造的碳粉盒／墨盒等 • Organise events in areas with convenient transportation, reduce product packaging and disposable utensils 籌辦活動時於交通方便的地方舉辦，減少產品包裝與一次性用具
<p>Green travel 節約出行</p> 	<ul style="list-style-type: none"> • Encourage video conferencing and teleconferencing, reduce offline meetings, and opt for direct flights and high-speed railway in the case of unavoidable business travel 多視頻、電話會議，減少線下會面，並為不可避免的商務旅行選擇直航航機、高鐵等出行方式 • Reserve vehicles in advance and arrange for employees of various departments to share a ride if their destinations are near each other's 提前預約用車，各部門相近路線可拼車，集中安排 • Reduce use of private vehicles, and utilize public transportation 減少使用私家車，利用公共交通綠色出行 • Use electric or hybrid vehicles as company vehicles 公司車輛使用電動或混能車輛
<p>Cultivation of conservation awareness 節約意識培養</p> 	<ul style="list-style-type: none"> • Encourage employees to participate in environmental activities organized by environmental groups 鼓勵員工參加由環保團體舉辦的環保活動 • Publicize and instruct emission reducing measures among employees by means of emails, posters, the intranet and other mediums 透過電郵、海報、內部網絡等媒體向員工宣傳及教導減排措施 • The company has set up the "Dongjiang Youyu" second-hand goods circulation platform to reuse unused goods 公司內部設立「東江有魚」二手物品流通平台，再次利用閑置物品

6.3 Implementation of Low-carbon Management

Dongjiang Environmental has been deeply rooted in the field of environmental protection technology for many years, fully supports the national “dual carbon goals” and “UN Sustainable Development Goal 13-Climate Action” by taking urgent actions to cope with climate change and its impacts, and consciously carrying out long-term carbon emission reduction. In addition, relying on our own technological advantages, we have recycled the waste containing heavy metals involved in the Group’s business, exporting nearly 80,000 tonnes of recycled products annually; the annual electricity generated by the biogas is equivalent to the electricity consumption of 70,000 households for one year, and at the same time, the air pollution caused by about 50,000,000 cubic metres of landfill gas can be reduced.

The Group’s green house gas emissions are calculated in accordance with ISO14064-1 established by International Organization for Standardization and the Greenhouse Gas Protocol developed by World Resources Institute and World Business Council for Sustainable Development. As of 31 December 2023, the total greenhouse gas emissions (Scope 1 and Scope 2) within the scope of environmental data were 127,601.01 tonnes of CO₂e, representing a decrease from the previous year; the emission intensity was 0.07 tonnes of CO₂e/m², which was similar to the previous year.

The sources of emissions are as follows:



Emission category
排放類別

Sources of emissions
排放來源

Scope 1
範圍1

Stationary equipment fuel consumption, vehicle fuel consumption, refrigerant
固定設備燃料消耗、車輛燃油消耗、製冷劑

Scope 2
範圍2

Electricity and steam consumption for daily operation
日常運營電力及蒸汽消耗

6.3 實施低碳管理

東江環保多年來扎根環保科技領域，全力支持國家「雙碳目標」和「聯合國可持續發展目標13—氣候行動」，採取緊急行動應對氣候變化及其影響，自覺開展長期碳減排工作。此外，我們依托自身科技優勢，對集團業務所涉含重金屬廢物進行資源化利用，每年輸出再生產品近8萬噸；利用沼氣每年產生電能相當於7萬戶居民1年的用電量，同時可減少約5千萬立方米填埋氣對大氣環境的污染。

本集團根據國際標準化組織 ISO14064-1及世界資源研究所與世界可持續發展工商理事會開發的《溫室氣體盤查議定書》計算溫室氣體排放量。截至2023年12月31日，環境數據範圍內的溫室氣體排放總量（範圍1與範圍2）為127,601.01公噸二氧化碳當量，較上一年減少；排放強度為每平方米0.07公噸二氧化碳當量，與上一年相若。

排放來源如下表：



6

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務

The Group's operations involve the disposal and utilization of hazardous waste, which involve incineration processes and thus generate some air pollutants, mainly including sulphur oxides (SO_x), nitrogen oxides (NO_x) and particulate matter. Therefore, in order to reduce the generation of air pollutants, we actively explored new operation mode, new process and new technology, so as to effectively remove and reduce harmful gases.

According to the characteristics of hazardous waste treatment, the Group strictly implements the operation guideline procedures and online monitoring procedures to strictly monitor the incineration process, and imposes multiple process techniques when incineration rotary kiln flue gas treatment is used to ensure that the air pollutants emitted during the production process meet the national standards.

Air Pollutants Emissions

本集團運營過程涉及危險廢物的處理與利用，焚燒工序過程中會產生部分空氣污染物，主要包括硫氧化物(SO_x)、氮氧化物(NO_x)及顆粒物等。為減少空氣污染物產生，我們積極探索新運營模式、新工藝、新技術，從而有效去除與減少有害氣體。

本集團根據危廢處理的特點，嚴格實施操作指引程序及在線監測程序中對焚燒過程進行嚴格監控，並在焚燒回轉窯煙氣處理時施加多個流程工藝，確保生產過程中排放出的空氣污染物達到國家標準。

空氣污染物排放量

Air pollutants	Unit	Industrial and municipal waste disposal projects	Company vehicle emissions	2023 total emissions	2022 total emissions
空氣污染物	單位	工業及市政廢物處置等項目	公司車輛排放	2023年總排放量	2022年總排放量
Nitrogen oxides (NO _x) 氮氧化物(NO _x)	Tonnes 公噸	95.61	8.09	103.70	107.80
Sulphur oxides (SO _x) 硫氧化物(SO _x)	Tonnes 公噸	26.70	0.01	26.71	64.50
Particulate matter (PM) 顆粒物(PM)	Tonnes 公噸	10.27	0.59	10.86	19.68

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務


6

6.4 Preventing Climate Risks

In recent years, with global warming, the frequency of extreme weather events has gradually increased, and the financial risks brought by climate change have become one of the focuses of more and more investors. The Group pays close attention to climate change, identifies potential operational and management risks, continuously optimises the energy structure, vigorously develops the new energy industry, and incorporates climate change factors into the business decision-making and management evaluation system to improve the risk resistance capacity of each business segment of the Group.

6.4 防範氣候風險

近年來隨著全球氣候變暖，極端天氣事件發生頻率逐漸增多，氣候變化帶來的金融風險已成為越來越多投資者關注的焦點之一。本集團密切關注氣候變化，識別潛在的運營和管理風險，不斷優化能源結構，大力發展新能源產業，將氣候變化因素納入業務決策與管理評估體系中，提升本集團各業務板塊抗風險能力。

Category of risks 風險分類	Identified climate risks 已識別的氣候風險	Coping methods 應對措施
Physical Risk 物理風險 	Acute risks (e.g. higher frequency of extreme weather such as super typhoons and heavy rains) 急性風險 (如超級颱風、暴雨等極端天氣的增加)	<ul style="list-style-type: none"> Consider appropriately adding backup power storage equipment and backup water storage tanks according to the situation of each subsidiary 根據各附屬公司情況，考慮適當增加後備儲電設備及後備儲水缸 Communicate with suppliers in advance on emergency response measures in extreme situations 提前與供應商溝通極端情況下的緊急應對措施
	Chronic risks (e.g. changes in precipitation patterns and extreme changes in climate patterns) 慢性風險 (如降雨模式的變化與氣候模式出現極端的變化)	<ul style="list-style-type: none"> Review the impact of extreme weather on business and factor this impact into the development of contingency plans 審視極端天氣對業務的影響，並將該影響納入制定應急方案中進行考慮 Provide relevant coping training to employees 向員工提供相關應對培訓




6

COMPREHENSIVE ENVIRONMENTAL BUSINESS

全面環境業務



Category of risks 風險分類	Identified climate risks 已識別的氣候風險	Coping methods 應對措施
Transition Risk 轉型風險 	Technical Risk 技術風險	<ul style="list-style-type: none"> Track the latest environmental protection engineering technology in the market 追蹤市場最新的環保工程科技 Study the feasibility of alternative fuels to constantly lower the high price of fuels 可替代燃料的可行性研究，持續降低高價燃料
	Policy and Regulatory Risk 政策法規風險	<ul style="list-style-type: none"> Reduce energy consumption, thereby reducing purchased emission credits and CO₂ emissions 減少能源消耗，從而減少購買的排放信用額和二氧化碳排放量 Improve energy efficiency and use other combustibles, thereby reducing reliance on fossil fuels 提高能源效率並使用其他助燃物，從而降低了對化石能源依賴 Improve facility energy efficiency 提高設施能源效益 Strictly monitor the environmental protection indicators of subsidiaries to ensure compliance with relevant environmental protection regulations 嚴格監控下屬公司的環保指標，確保符合相關環保法規

Dongjiang Environmental has always adhered to the compliant operation of various businesses, implemented the concept of “anti-corruption and integrity”, and continuously improved the rules and systems in terms of environmental health and safety, product quality, information data security and intellectual property rights, so as to ensure that all processes of the Company’s operations are legal and compliant, and the management is supported by evidence to facilitate the healthy and stable development of the Company.

7.1 Building a Safety System

In order to create a comfortable, healthy and safe working environment for all employees and provide customers with high-quality and reliable products and services, Dongjiang Environmental has established a sound regulatory system and a scientific governance structure. Through strict division of responsibilities and effective training and inspection, Dongjiang Environmental has continuously improved its environmental, health and safety governance level.

- **Well-established Rules and Regulations System**

Dongjiang Environmental has long strictly complied with the Law of the People’s Republic of China on the Prevention and Control of Occupational Diseases, the Administrative Measures for Occupational Health Inspection, the Environmental Protection Law of the People’s Republic of China, the Environmental Management Systems – Requirements with Guidance for Use (GB/T24001-2016) and the Occupational Health and Safety Management Systems – Requirements with Guidance for Use (GB/T45001-2020) and other regulations and system standards, and promoted the implementation of internal policies such as the Quality, Environment and Occupational Health and Safety Management Handbook and the Three Simultaneities Management System for Safety and Environmental Protection to control health and safety risks. During the Year, the Company revised and issued the Dongjiang Environmental Company Limited Regulations on Safety and Environmental Protection Inspection and Management and the Dongjiang Environmental 2023 Implementation Plan for Safety and Environmental Protection Fire Protection Assessment, which requires the establishment of a normalised mechanism for safety and environmental protection inspections, the establishment of a long-term mechanism for hidden danger investigation and management, and the strengthening of supervision and assessment of safety inspections and hidden danger investigation and management, so as to further improve the level of environmental, health and safety (EHS) risk management and ensure that the implementation process is supported. In 2023, the Group had no safety accidents, no fatal accidents, occupational disease accidents and environmental pollution accidents.

東江環保始終堅持各項業務合規運營，貫徹落實「反腐敗，倡廉政」的理念，不斷完善環境健康安全、產品質量、信息數據安全及知識產權等方面的規章體系，確保公司運營各個過程合法合規，管理工作有據可依，助力公司健康平穩發展。

7.1 打造安全體系

東江環保為確保給全體員工打造舒適、健康、安全的工作環境，給客戶提供高質量、可信賴的產品和服務，設立完善的規章體系，搭建科學的治理架構，通過嚴密的責任分工和有效的培訓檢查，不斷提高自身環境健康安全治理水平。

- **完善的規章體系**

東江環保長期嚴格遵守《中華人民共和國職業病防治法》、《職業健康檢查管理辦法》、《中華人民共和國環境保護法》，以及GB/T24001-2016《環境管理體系要求及使用指南》和GB/T45001-2020《職業健康安全管理体系要求及使用指南》等法規與體系標準，推動實施《質量、環境、職業健康安全管理体系手冊》、《安全環保三同時管理制度》等內部政策控制健康安全風險。本年度修訂並發佈《東江環保股份有限公司安全環保檢查管理規定》和《東江環保2023年安全環保消防工作考核實施方案》，要求建立安全環保檢查常態化機制、建立隱患排查治理長效機制，並加大安全檢查和隱患排查治理的監督與考核力度，進一步完善環境、健康與安全（EHS）風險管理水平，確保各實施過程有據可依。2023年，本集團未發生安全意外情況，沒有發生死亡責任事故、職業病危害事故及環境污染責任事件。

7 | ENSURING COMPLIANCE OPERATION 確保合規運營

• Rigorous Management System

As an enterprise carrying out system work in the early stage of the industry, Dongjiang Environmental passed the certification of Occupational Health Management System (ISO45001) and Environmental Management System (ISO14001) for the first time in 2013, and successfully renewed the certificate in October 2022, representing Dongjiang Environmental's emphasis on the environment and occupational health and safety, as well as high-quality EHS management level.

• 嚴謹的管理體系

作為業內早期開展體系工作的企業，東江環保於2013年首次通過職業健康管理體系（ISO45001）和環境管理體系（ISO14001）的認證，並於2022年10月成功換證，代表東江環保對環境及職業健康安全的重視，以及高質量的EHS管理水平。



ISO45001 certification
ISO45001體系證書



ISO14001 certification
ISO14001體系證書

Dongjiang Environmental has formulated a safety and environmental protection management system in accordance with relevant rules and regulations, taking into account its own business characteristics, and set up a production safety and fire safety committee at the headquarters of the Group. The Group's subsidiaries with more than 100 employees have set up an independent safety and environmental protection department, which is responsible for the overall coordination of the Group's EHS work, together with the EHS management leading group and professionals of the subsidiaries to manage and handle EHS affairs. For the management of hazardous materials, the Group employs registered safety engineers to manage hazardous materials and responsible for the compliance management of the production, storage and metal smelting of hazardous materials to ensure the Group's safe and compliant operation.

東江環保根據相關規定條例，結合自身業務特點，制定安全環保管理制度，在集團總部設立安全生產暨消防委員會，本集團下屬超過100人的企業設立獨立安全環保部，由安委會全面負責統籌全集團的EHS工作，連同下屬企業EHS管理領導小組和專業人員管理和處理EHS事務。對於危險物品管理，本集團聘用註冊安全工程師對於危險物品進行管理，負責危險物品的生產、儲存及金屬冶煉合規管理工作，以保證集團安全合規經營。

- **Strict Division of Responsibilities**

Adhering to the responsibility concept of “Party and the Management share the responsibility, one Party with two responsibilities, joint management and accountability for dereliction of duty”, the Group has made the requirements of “industry overseers, business overseers, and production and operation overseers must oversee safety” in the environmental health and safety management work, and implemented the responsible subjects to individuals in accordance with the principles of “who is in charge, who is responsible, direct leadership, and territorial management”. The Group has established a top-down hierarchical responsibility system, and clarified the scope of EHS responsibilities for each position. The Group conducts assessments on each business unit from time to time, starting from multiple dimensions, including implementing the main responsibility of the enterprise, strengthening on-site safety management, special rectification of safety production, implementing the strategy of strengthening safety through science and technology, strengthening environmental protection work, and conducts a comprehensive score based on four steps, namely self-evaluation, daily assessment, on-site assessment and comprehensive summary, so as to continuously strengthen the safety responsibility awareness of employees.

- **Effective Training Inspection**

In order to continuously promote the safe operation of various production links of the Company and improve employee risk identification and response, the Group carries out various forms of training and inspection activities from time to time every year to supervise and help employees implement safety responsibilities. According to the “Dongjiang Environmental Site Safety Management Improvement Annual Implementation Plan”, the Company regularly tracks and checks the potential safety hazards of projects, and carries out special rectification of the identified potential risks. In 2023, the Group’s headquarters conducted a total of 1,151 safety and environmental training sessions by hiring safety and environmental management experts and conducting offline and online education, with 25,773 participants. In addition, the Group actively fulfilled its social responsibilities and provided emergency rescue services to competent government departments at all levels by relying on various hazardous waste disposal bases. Throughout the Year, the Group completed 54 emergency tasks assigned by government departments, mobilised 385 emergency team members, and cleaned up and disposed of 2,368.29 tonnes of hazardous waste.

- **嚴密的責任分工**

本集團秉持「黨政同責、一黨雙責、齊抓共管、失職追責」的責任理念，對於環境健康安全管理工作提出「管行業必須管安全，管業務必須管安全，管生產必須管安全」的要求，將責任主體按照「誰主管、誰負責、直線領導、屬地管理」的原則落實到個人，建立自上而下的逐級責任體系，明確各崗位的EHS責任範圍。本集團不定期對各業務單位進行考核，從落實企業主體責任、加強現場安全管理、安全生產專項整治、實施科技強安戰略、加強環境保護工作等多個維度出發，根據自我評價、日常考核、現場考核、綜合匯總四個步驟進行綜合評分，持續強化員工的安全責任意識。

- **有效的培訓檢查**

為持續推進公司各項生產環節安全運行，提高員工風險辨識及應對水平，本集團每年不定期開展多種形式的培訓與檢查活動，監督並幫助員工落實安全責任。根據《東江環保現場安全管理提升年實施方案》，定期跟踪排查項目安全隱患，對發現的風險隱患進行專項整治。2023年，集團總部通過聘請安全環保管理專家，線下及線上宣教的方式，累計開展安環培訓1,151場，參與人數達25,773人次。此外，本集團積極履行社會責任，依托各危險廢物處置基地，為各級政府主管部門提供應急救援服務，全年完成政府部門委派的應急任務54次，出動應急隊員385人次，清理處置危險廢物2,368.29噸。

7 ENSURING COMPLIANCE OPERATION

確保合規運營

Safety Training Case of the Year: "Safety Production Month" and "Safety Publicity" Activities
本年度安全培訓案例：「安全生產月」和「安全生產萬里行」活動



Subsidiaries of Dongjiang Environmental, including Longgang Dongjiang, Zhuhai Yongxingsheng and Jiangmen Dongjiang, actively responded to the themed activity of the Group's "everyone values safety and everyone masters emergency response skills" through safety hazard investigation, safety knowledge quizzes, safety skills competition, escape drill video popularisation and other methods, and improved the Group's business safety management level.

東江環保所屬龍崗東江、珠海永興盛、江門東江等子公司通過安全隱患排查、安全知識競答、安全技能比武、逃生演練視頻科普等方式，積極響應「人人講安全、個個會應急」的活動主題，提升集團業務安全管理水平。



Safety Training Case of the Year: Comprehensive Emergency Drill for Hazardous Waste Leakage and Electrical Fire Incident
本年度安全培訓案例：危險廢物泄漏及電氣火災事故綜合應急演練



Dongjiang Environmental held the 2023 comprehensive emergency drill for hazardous waste leakage and electrical fire accidents in Baoan Dongjiang, a subsidiary of Dongjiang Environmental. Through simulated exercises on hazardous waste leakage and electrical fire accidents, Dongjiang Environmental emphasised the safety awareness of all employees and consolidated the emergency response process and operation methods.

東江環保在所屬企業寶安東江舉行2023年度危險廢物泄漏及電氣火災事故綜合應急演練，通過對危險廢物泄漏及電氣火災事故模擬演練，向全體員工強調安全意識，鞏固突發事故應對流程和操作方法。



2023 EHS Performance of the Group 本集團2023年EHS績效表現

1	<p>During the Year, each unit newly formulated or revised 527 safety operation procedures, identified 1,153 risk factors in positions or workplaces, posted 822 risk factor notification cards on site;</p> <p>本年度各單位新制定或修訂安全操作規程527項，辨識崗位或作業場所危險因素1,153個，現場張貼風險因素告知卡822張；</p>
2	<p>Developed and safely completed 65 implementation programmes for medium and large-scale amendments, and the safety and environmental departments of each unit carried out 811 special training and counselling activities for the Year of Safety Management Improvement, with a total of 7,233 participants;</p> <p>制定並安全完成中、大修實施方案65項，各單位安環部門開展現場安全管理提升年專項培訓輔導活動811次，參與人員共7,233人次；</p>
3	<p>The Company did not identify major hidden dangers in the system, investigated and rectified 1,355 general hidden dangers;</p> <p>公司系統未發現重大事故隱患，排查整治一般事故隱患1,355處；</p>
4	<p>Organised 9 inspection teams to complete the cross-inspection of safety and environmental protection for 26 units, found and rectified 234 hidden dangers;</p> <p>組織9個檢查組完成對26個單位進行安環交叉檢查，發現並落實整改事故隱患234處；</p>
5	<p>Organised 30 training sessions on safety knowledge of operations in confined spaces, with 476 participants and 654 operations in confined spaces safely completed;</p> <p>組織30場次有限空間作業安全知識培訓，參與人員476人次，安全完成654次有限空間作業；</p>
6	<p>In 2023, all units of the Company completed 683 safety and environmental emergency drills, including 15 joint emergency drills organised by local government departments.</p> <p>2023年公司系統各單位完成各類安全、環保應急演練683次，其中參與屬地政府部門組織的聯合應急演練15次。</p>

7.2 Improving Product Quality

As a technology-based environmental protection service enterprise, Dongjiang Environmental always insists on strict control of products (such as recycled products) and service quality. With the help of ISO9001: 2015 quality certification, Dongjiang Environmental promotes the continuous improvement of product and service quality and strengthens the quality supervision responsibility. To this end, the Group incorporates suppliers and partners into the quality management system, actively implements a broad and precise quality management strategy covering all business areas, and conducts full life-cycle quality supervision and control based on the different characteristics of products and services to ensure compliance with regulations and customer requirements at the same time.

7.2 提升產品質量

東江環保作為一家科技型環保服務企業，始終堅持對產品（如資源化產品）與服務質量嚴格把控，借助ISO 9001：2015質量認證，推動企業不斷提升產品與服務質量，強化質量監管責任。為此，本集團將供應商和合作夥伴納入質量管理體系，積極實施廣泛而精準、涵蓋所有業務領域的質量管理戰略，針對產品與服務的不同特點進行全生命周期的質量監管把控，以確保同時符合法規與客戶要求。



7

ENSURING COMPLIANCE OPERATION

確保合規運營

- Production Process Quality Management

The production process is an important part of the inspection of product and service quality. In order to ensure the quality of products and services, the Group adheres to the principle of "quality is achieved through the production and service process", takes the production process as an important starting point of inspection quality standards, and builds a three-pronged management system of three inspection management, job management and equipment management, which runs through the entire production process.

- (1) Three inspection management: self-inspection, mutual inspection and special inspection are carried out based on the standards of "not accepting, not manufacturing, and not passing on";
- (2) Job management: regular training and assessment are conducted for personnel in key positions involved in the production process, and "who pass the assessment are given qualifications";
- (3) Equipment management: the daily management responsibility of the equipment should be assigned to specific individuals, requiring the person in charge to develop operation and maintenance manuals to ensure that the equipment can still operate stably under special circumstances and provide products and services that meet quality standards.

After the completion of production, the products need to be packaged and labelled according to relevant standards, and the technical department will complete the inspection of product performance indicators, etc. Only after passing the quality inspection standards such as consistency, safety and accuracy can the products be put into storage, and placed by areas according to the varieties and quality.

- 生產過程質量管理

生產過程作為檢驗產品和服務質量的重要環節，為確保產品和服務質量，本集團堅持「質量以生產和服務過程來實現」的原則，將生產過程作為檢驗質量標準的重要抓手，搭建起三檢管理、上崗管理和設備管理三線並行的管理體系，貫穿整個生產過程。

- (1) 三檢管理：以「不接受、不製造、不傳遞」為標準開展自檢、互檢、專職檢驗；
- (2) 上崗管理：針對生產過程所涉及的關鍵崗位人員開展定期培訓和考核，實行「誰通過，誰上崗」；
- (3) 設備管理：將設備日常管理責任精確到人，要求設備負責人制定設備操作手冊與維護保養手冊，以確保特殊情況下設備依然能夠穩定運轉，提供符合質量標準的產品和服務。

產品完成生產後，需要根據相關標準進行統一包裝、標識，由技術部門對產品性能指標等完成檢驗，通過一致性、安全性、準確性等質量檢測標準後方可入庫，並按照品種和質量分區擺放。

- **Final Product Quality inspection and Shipment Management**

In order to ensure the quality of the final products, the Quality Technology Department will check and verify the structure, configuration, performance indicators, labels and packaging of the final products item by item according to relevant technical standards and documents, and ensure that the finished products fully comply with the technical requirements of product quality. The products will only be transferred to the warehouses if they pass the inspection.

When the products are put into storage, the warehouse clerk arranges them by areas according to their varieties and qualities, and makes corresponding signs. When the finished products are shipped out of the warehouse, the Sales Department sends the approved "sales notice" to the warehouse management office, and the warehouse clerk prepares the goods according to the grade and weight of the finished product indicated on the "sales notice", and informs the relevant departments to load the truck. When loading, the warehouse clerk will strictly check the quantity and standard weight of each batch of finished products with the actual weight after weighing, and confirm the completion of delivery with the customer's signature to ensure that the products meet the quality and technical requirements.

- **Product Quality Improvement**

In addition to relying on technological innovation, feedback from the use of products is also of great significance to the direction of product improvement. The Group actively builds a complete product quality monitoring and measurement system, monitors product operation information in real time, and engages third-party institutions for review when necessary; At the same time, the monitoring information is uniformly summarised and stored in the Group's product quality information database, and the Group's professional technical personnel monitors and analyses the quality information, convenes relevant personnel to discuss product quality problems through regular meetings, proposes effective solutions, and transmits them to the departments with similar businesses of each subsidiary immediately, and alerts them in a timely manner for prevention to ensure the consistency within the Group.

- **最終產品質量檢驗和出貨管理**

為確保最終產品質量，質量技術部會根據相關技術標準和文件，對最終產品的結構、配置、性能指標、標識和包裝等逐項進行檢查驗證，已確保成品完全符合產品質量技術要求。產品經檢驗合格後，方可辦理入庫手續。

產品入庫時，倉庫管理員根據產品的品種和質量對其進行分區擺放，並做好相應的標識。成品出庫時，銷售部將核准的《銷售通知單》傳至倉管處，倉管員根據《銷售通知單》上標明的成品等級和重量進行備貨，並通知相關部門進行裝車。裝車時，倉管員對每批成品的數量、標準重量與過磅後的實際重量進行嚴格核對，經客戶簽名確認完成出貨，確保產品符合質量及技術要求。

- **產品質量改進**

產品的改進除了依靠技術創新外，來自於產品使用過程中的反饋同樣對產品的改進方向具有重要指導意義。本集團積極搭建完整的產品質量監控與測量系統，實時監測產品運行信息，並在必要時聘請第三方機構進行審核；同時，監測信息統一匯總到集團產品質量信息數據庫進行儲存，由集團專業技術人員對質量信息進行監管與分析，通過例會的方式召集相關人員對產品質量問題進行研討，提出有效的解決方式，並第一時間傳遞給各子公司具有類似業務的部門，及時警示以做預防，確保集團內部一致性。

7 | ENSURING COMPLIANCE OPERATION

確保合規運營

If there are quality problems with the products, the customers have the right to deliver the returned products to the negotiated location. Upon receipt of the returned product, we will follow the procedures to return or partially refund the product within a certain period of time. If there are any disputes in the process, we can coordinate through technical specialists, and may engage third-party quality inspection agencies to conduct inspection decisions.

During the Year, the Group had no sold or shipped products that had to be recalled for safety and health reasons.

若產品出現質量問題，客戶有權將退貨產品運送到協商地點，我們收到退貨產品後將依據程序在一定期限內進行退貨或部分退款，若該過程出現任何爭議，可通過技術專員進行協調，亦可聘請第三方質量檢驗機構進行檢驗裁決。

本年度，本集團沒有因安全與健康理由而須回收的已售或已運送產品。

7.3 Upholding Probity and Honesty

- Sound Integrity System

- (1) Institutional Management

Integrity is one of the important signs to ensure that enterprises maintain advanced and sustainable development. Dongjiang Environmental strictly abides by the Anti-Money Laundering Law of the People's Republic of China, the Company Law of the People's Republic of China, and Anti-Money Laundering and Counter-Terrorist Financing (Amendment) Ordinance of Hong Kong, China and other relevant laws, and has formulated internal management policies such as the Management Measures for Rewards and Punishments for Employees, "10 Prohibitions" for Leaders of Dongjiang Environmental Company Limited, Certain Regulations on Integrity of Tendering Staff in Engineering Construction and Procurement of Dongjiang Environmental Company Limited, Measures of Dongjiang Environmental on Strengthening Collaborative Supervision and Interim Provisions on Notification and Handover of Clues for Violations of Regulations, Disciplines and Laws in Dongjiang Environmental, to strictly crack down on acts that endanger the interests of the country and the Group by taking bribes from positions and seeking personal gains with power.

7.3 堅守廉潔誠信

- 健全的廉潔制度

- (1) 制度管理

清正廉潔是確保企業保持先進性和持續發展的重要標誌之一，東江環保嚴格遵守《中華人民共和國反洗錢法》、《中華人民共和國公司法》及中國香港《打擊洗錢及恐怖分子資金(修訂)條例》等相關法律，制定了包括《員工獎懲管理辦法》、《東江環保股份有限公司領導人員「十條禁令」》、《東江環保股份有限公司工程建設及採購招標工作人員廉潔從業若干規定》、《東江環保關於加強協同監督工作的辦法》《東江環保違規違紀違法問題線索通報移交處理暫行規定》等內部管理政策，嚴厲打擊利用職務之便收受賄賂、以權謀私等危害國家與集團利益的行為。

(2) Reporting Channels

In order to maintain the smooth reporting channels and effectively and accurately crack down on corruption, the Group has set up a Discipline Inspection Office to encourage employees to conduct evidence-raising and provide effective clues through real-name reporting, anonymous letter visits and reports, reporting, comprehensive supervision and inspection, audit and other channels. At the same time, in order to protect the information of whistleblowers, the Group strictly controls the identity of whistleblowers, the scope of confidential personnel and the handover process, and fully protects the whistleblowers' right to report from infringement. After receiving the report, the Group will centrally manage the clues in accordance with the Working Rules for Handling Problem Clues, and the Discipline Inspection Office will set up a special verification team to carry out hierarchical and classified treatment based on the rank of the reported object and the evidence of the reported facts, and promote the verification and investigation of the case.

(3) Clean Human Resources

Dongjiang Environmental has also formulated the Interim Provisions on Work Reply to Integrity Opinions to refine the promotion and nomination and recommendation process of the Company's personnel. The Disciplinary Inspection Office or the dispatched supervision and inspection team of the Group is assigned to supervise and investigate the integrity of the organization's Personnel Department. Listening to their opinions and suggestions on the integrity of the cadres to be promoted and recommended by the Company, and after comparing them with the file records such as petition reports and disciplinary reviews, issuing integrity opinions in accordance with the cadres' management authority in a hierarchical manner.

(2) 舉報渠道

為暢通舉報渠道，有效精準打擊腐敗分子，本集團設有紀律檢查室，鼓勵員工通過實名舉報、匿名信訪舉報、檢舉、綜合監督審查、審計等多種途徑進行舉證，提供有效線索。同時，本集團為保護舉報人信息，對舉報人身份、涉密人員範圍、交接流程嚴格控制，全力保障舉報人的檢舉權不受侵害。收到舉報後，本集團將依據《問題線索處置工作規則》集中管理線索，由紀律檢查室成立特別核查小組，依據被舉報對象職級和舉報事實證據進行分級分類處理，推動案件核實調查。

(3) 廉潔人事

東江環保還制定了《廉潔意見回復工作暫行規定》，對公司人事提拔、提名推薦流程進行細化。由紀律檢查室或集團派駐監督檢查組，對組織人事部門廉潔性進行監督與調查；聽取其對公司擬提拔與推薦幹部廉潔性的意見與建議，並在與信訪舉報、紀律審查等檔案記錄進行比對後，按照幹部管理權限分級出具廉潔意見。



7

ENSURING COMPLIANCE OPERATION

確保合規運營

- Compliance Operation

Dongjiang Environmental strictly abides by the Company Law of the People's Republic of China, the Securities Law of the People's Republic of China, the Law of the People's Republic of China on State-Owned Assets in Enterprises and other relevant regulations, formulates and implements internal regulations such as the Dongjiang Environmental Company Limited Compliance Manual and the Dongjiang Environmental Company Limited Compliance Joint Meeting Management Rules, and practises the core values of compliance management of "Take up the mission of environmental protection and move forward in compliance to achieve green development". Through measures such as system first, source identification, compliance review, risk response, strict accountability and regular training, Dongjiang Environmental improves its risk identification ability, strengthens its sense of responsibility, and scientifically builds a compliance management system, so as to ultimately achieve the effective management of the whole process of source prevention, process compliance and results satisfaction.

During the Reporting Period, the Group achieved 100% online compliance review in terms of contract management, litigation management, procurement management and other fields, held 4 compliance administrator meetings, and organised no less than 8 "Legal System Lecture" training sessions to further implement the concept and requirements of corporate governance in accordance with the law.

- Integrity and Compliance Training

During the Reporting Period, Dongjiang Environmental carried out integrity education and training for different groups such as directors, management cadres and grass-roots employees, including the centralised training of 2023 Discipline Education and Study Month Integrity Lecture, the visit and learning of the Wen Tianxiang Integrity Education Hall, 2023 work conference on Party spirit and integrity building. With the deepening of integrity training and publicity and special rectification, the unhealthy atmosphere has been weakened, and the integrity awareness of employees has been continuously enhanced. The Group has continuously created a clean working atmosphere for all employees to promote the sustainable development and progress of the Group.

During the Reporting Period, Dongjiang Environmental did not have any cases of corruption, bribery, extortion, fraud and money laundering.

- 合規運營

東江環保嚴格遵守《中華人民共和國公司法》、《中華人民共和國證券法》及《中華人民共和國企業國有資產法》等相關法規，制定並實施《東江環保股份有限公司合規手冊》和《東江環保股份有限公司合規聯席會議管理細則》等內部條例，踐行「環保使命，合規前行，綠色發展」的合規管理核心價值觀，通過制度先行、源頭識別、合規審查、風險應對、嚴厲問責、定期培訓的等手段，提升風險識別能力，強化責任意識，科學搭建合規管理體系，最終實現源頭預防、過程合規、結果滿意的全流程有效管理。

報告期內，本集團在合同管理、訴訟管理、採購管理等領域實現線上合規100%審查，召開合規管理員會議4次，組織了不少於8場「法制大講堂」培訓，進一步落實依法治企的理念和要求。

- 廉潔與合規培訓

報告期內，東江環保分別針對董事、管理幹部、基層員工等不同群體展開廉潔教育培訓工作，包括2023年紀律教育學習月廉潔大講堂集中培訓、文天祥廉政教育館參觀學習活動、2023年黨風廉政建設工作會議等會議與培訓活動。隨著廉政培訓宣傳與專項整治工作不斷深入，不正之風不斷削弱，員工廉潔意識不斷增強，本集團不斷為全體員工營造清朗的工作氛圍，促進集團持續發展與進步。

報告期內，東江環保未發生任何有關貪污、賄賂、勒索、欺詐及洗黑錢的案件。

7.4 Maintaining Data Security

Information security is a new challenge of the times for enterprises, but also one of the important needs to promote the development of enterprises. Dongjiang Environmental has established a sound information security management system and governance structure, continuously improved the level of digital work, optimised data protection measures, and reduced the harm caused by data leakage and intellectual property rights.

- **Information Security System Construction**

Dongjiang Environmental strictly adheres to the Network Security Law of the People's Republic of China, Measures for Security Protection Administration of the International Networking of Computer Information Networks, Administrative Measures for the Graded Protection of Information Security, and other relevant laws and regulations, and continuously improves and implements internal management systems such as the IT Security Management Regulations, Information Management System, Measures for the Management of Software Legalization Work and the Information System Emergency Response Plan of Dongjiang Environmental. During the Year, we formulated and implemented the Digital Work Management System and the Digital Project Management Measures, which clarified the Group's digital transformation leading group is responsible for co-ordinating and leading the Group's digital transformation, and the Office (Information Centre) is responsible for the day-to-day management of digitalisation. By supervising and identifying information security boundaries, clarifying technical specifications and requirements, implementing emergency response measures, and entrusting third-party companies to provide technical services, we consolidated the structural foundation of the governance system and avoided safety risks as much as possible.

7.4 維護數據安全

信息安全是時代對於企業提出的新的挑戰，也是促進企業發展的重要需求之一，東江環保建立完善的信息安全管理體系與治理架構，不斷提升數字化工作水平，優化數據保護措施，減少因數據泄露、知識產權等問題帶來的危害。

- **信息安全制度建設**

東江環保嚴格遵守《中華人民共和國網絡安全法》、《計算機信息網絡國際聯網安全保護管理辦法》及《信息安全等級保護管理辦法》等相關法規，不斷完善並實施《IT安全管理規定》、《信息管理制度》、《軟件正版化工作管理辦法》、《東江環保信息系統應急預案》等內部管理制度。本年度，我們制定實施《數字化工作管理制度》和《數字化項目管理辦法》，明確集團數字化轉型領導小組統籌領導，辦公室（信息中心）進行數字化日常管理，通過監督識別信息安全邊界、明確技術規範要求，實施應急處理措施，委托第三方公司提供技術服務等手段，夯實治理體系的架構基礎，盡量規避安全風險。

7

ENSURING COMPLIANCE OPERATION

確保合規運營

- Equipment and Hardware Maintenance

Each unit of the Group has established capabilities such as anti-earthquake, wind, rain, lightning and electromagnetic field interference, and has assigned special personnel to be responsible for the security of the computer room, set up obvious and uneasy-to-remove tags for important equipment, maintained and updated the Group's network security defence equipment every year, upgraded and updated the comprehensive defence functions including data centre monitoring and intrusion detection, improved the ability of hardware equipment to prevent information leakage, ensured the Group's information security, and built a "firewall" for the prevention of information security risks.

- Enhancement of Management Capability

The information system involving real-time control and data transmission is technically separated from other data networks. Relying on the advanced information storage management system, Dongjiang Environmental adopts automation, network monitoring, microservices and other new means to realise the hierarchical, classified, and graded backup management of information data, long-term storage of video surveillance images, and the data and logs of production and operation systems are connected to the headquarters data centre, which has been awarded the "Shenzhen Information Security Level Protection Level 2 Certification", marking a new level of the Group's information protection level. In addition, we have formulated and strictly adheres to the Information System Emergency Response Plan of Dongjiang Environmental to minimize the risks of network and information security emergencies.

- 設備硬件維護

本集團各單位建立具有防震、防風、防雨、防雷擊、抗電磁場干擾等能力，設置專人負責機房安全，對重要設備設置明顯且不易去除的標籤，每年對集團網絡安全防禦設備進行維護與更新，對包括數據中心監控、入侵檢測等在內的系統升級更新綜合防禦功能，提高硬件設備的防禦信息泄露的能力，保障集團信息安全，築牢信息安全風險「防火牆」。

- 管理能力提升

本集團對涉及實時控制和數據傳輸的信息系統在技術層面實現與其它數據網的安全隔離，依靠先進的信息儲存管理系統，東江環保採取自動化、網絡監控、微服務等新手段實現了對信息數據的分層、分類、分級備份管理，視頻監控影像長期儲存，生產運營系統數據和日志接入總部數據中心，獲得「深圳市信息安全等級保護二級認證」備案，標誌著本集團信息保護水平提升到新的臺階。此外，我們已制定及嚴格遵守《東江環保信息系統應急預案》，以減少網絡與信息安全突發事件的危害。

ENSURING COMPLIANCE OPERATION

確保合規運營

7

- **Data and Information Protection**

The Group continuously improves the security prevention management level of information system, network security, data security, user accounts and permissions, and outsourcing service security, classifies the security protection level of computer systems according to the national Administrative Measures for the Graded Protection of Information Security, and regularly conducts security level evaluation at different levels. The Group requires a unified planning of network IP segmentation, prohibit guest terminals from accessing the Company's office network, and the data operation and maintenance department is responsible for ensuring the cross-unit data transportation and processing to ensure the security of the data transportation process. We also regularly carry out network security training and publicity activities to enhance employees' awareness of network security prevention and reduce the risk of data information leakage caused by human factors.

7.5 Protecting Intellectual Property Rights

Dongjiang Environmental, as a technology-based environmental protection group, continuously promotes industrial transformation and upgrading through technological innovation. As an important part of technological innovation, intellectual property rights are the core force to maintain the Group's market competitiveness and have been valued and protected by us.

On the basis of complying with the Intellectual Property Law of the People's Republic of China, the Patent Law of the People's Republic of China and the Copyright Law of the People's Republic of China, the Group has formulated internal documents such as the Technical Achievement Management Regulations, and passed the Certificate of Intellectual Property Management System Certification to clearly classify and manage scientific and technological achievements such as patents, trademarks, standards, papers and works. Dongjiang Environmental Research Institute is responsible for the management and implementation of application, maintenance, reporting and other processes. At the same time, in order to motivate technical personnel to forge ahead and strive for innovation, we have set up confidentiality and technical reward regulations for technical achievements to provide reward and support for technical backbones who have made outstanding achievements.

- **數據信息保護**

本集團不斷提高信息系統、網絡安全、數據安全、用戶賬戶及權限、外包服務安全的安全防範管理水平，依據國家《信息安全等級保護管理辦法》對計算機系統安全保護等級進行劃分，分級定期開展安全等級測評。本集團要求統一規劃網絡IP分段，禁止訪客終端接入公司辦公網絡，數據運維部門負責確保跨單位數據運輸處理工作，保障數據運輸過程安全。我們還定期開展網絡安全培訓及宣傳活動，提升職工網絡安全防範意識，減少人為因素帶來的數據信息泄露風險。

7.5 保護知識產權

東江環保作為一家科技型環保集團，不斷通過技術創新推動產業轉型升級。知識產權作為科技創新的重要部分，是維持本集團市場競爭力的核心力量，一直以來受到我們的重視與保護。

本集團在遵循《中華人民共和國知識產權法》、《中華人民共和國專利法》及《中華人民共和國著作權法》的基礎上，制定《技術成果管理規定》等內部文件，並通過《知識產權管理體系認證證書》，對專利、商標、標準、論文著作等科技成果進行明確劃分與管理，由東江環保研究院對申請、維護、上報等流程專門負責管理實施。同時，為了激勵技術人員銳意進取，至臻創新，我們特設置技術成果保密與技術獎勵規定，為取得突出成果的技術骨幹提供獎勵支持。

7

ENSURING COMPLIANCE OPERATION

確保合規運營

Dongjiang Environmental understands the hard work of every worker and respects the efforts behind each intellectual property. In accordance with the Regulations on Computer Software Protection of the People's Republic of China and other policies, Dongjiang Environmental has formulated the Regulations on the Management of Software Legalization Work based on the business characteristics and actual situation of the Company, actively promotes the implementation of the requirements of the Guangdong Province to carry out software legalization-related work, and regularly reviews and inspects the accounts of IT assets and software authentication to ensure the legality and compliance of the company's software usage. The Group strictly implements a series of intellectual property protection measures, including the unified installation of regulatory servers, desktop terminals and application service software, and the termination of cooperation agreements with non-compliant suppliers and partners to prevent infringement within the Company.

東江環保理解每一位勞動者的辛勤付出，尊重每一個知識產權背後的努力，東江環保依據《中華人民共和國計算機軟件保護條例》等政策，結合公司業務特點與實際情況，制定《軟件正版化工作管理規定》，積極推動落實廣東省關於開展軟件正版化的相關工作要求，定期對IT資產與軟件正版化台賬審核考察，確保公司軟件使用合法合規。本集團嚴格實行一系列知識產權保護措施，包括監管服務器、桌面終端與應用服務軟件的統一安裝，對違規供應商與合作夥伴終止合作協議等方式，杜絕公司內部發生侵權事件。

7.6 Ensuring Customer Service Quality

Customers are one of the important stakeholders of enterprises and the most direct users of enterprises' products and services. Therefore, Dongjiang Environmental has formulated and implemented a series of regulations, such as the Customer Service Management Implementation Rules, Customer Reception Management Implementation Rules, Customer Complaint Handling Implementation Rules, Customer Information Management Implementation Rules and Customer Satisfaction Survey Procedures, to effectively collect customer opinions and suggestions, and make improvements to the problems, so as to achieve continuous improvement and provide customers with high-quality service experience.

The Group focuses on customer experience at every step of the product and service ordering process, providing comprehensive and professional process services from customer reception to customer complaint handling. We provide personalised services according to the needs of different customers, and support the provision of customised solutions according to customer demands. If a customer complaint is received, we have set a series of standard procedures for efficient handling: after investigation and verification by the customer centre, we urge the department being complained to respond and propose a handling plan within 24 hours. After the investigation is completed, it will be fed back to the customer, and the final solution will be negotiated with the customer to avoid or recover the loss as much as possible.

7.6 確保客服質量

客戶是企業重要的持份者之一，也是企業產品與服務最直接的使用者，因此，東江環保制定並實施《客戶服務管理實施細則》、《客戶接待管理實施細則》、《客戶投訴處理實施細則》、《客戶信息管理實施細則》及《顧客滿意調查程序》等一系列規範，有效收集客戶意見與建議，並針對問題進行改良，以獲得持續性提升，為客戶提供優質的服務體驗。

本集團注重客戶訂購產品與服務每一步的體驗，從客戶接待到客訴處理，提供全面專業的流程服務。我們針對不同客戶需求提供個性化的服務，支持根據客戶訴求提供定制化方案。若收到客戶投訴，我們設定了一系列標準流程進行高效處理：由客戶中心調查核實後，督促被投訴部門進行響應並在24小時內提出處理方案，調查完畢後反饋給客戶，並與客戶協商最終解決方案，盡量避免或挽回損失。

ENSURING COMPLIANCE OPERATION

確保合規運營

7

During the Reporting Period, we received 4 complaints from customers about products or services, all of which have been followed up and handled in a timely manner, and we have obtained customers' understanding and satisfaction with the results.

本報告期內，我們收到4宗客戶有關產品或服務的投訴，均已及時跟進處理，取得客戶諒解並對處理結果表示滿意。

7.7 Improving Sustainable Supply Chain

Dongjiang Environmental is committed to building a sustainable supply chain system, and implements supplier access and approval in accordance with laws and regulations, so as to achieve a win-win situation for all parties in the whole life cycle value chain of products and services.

7.7 完善可持續供應鏈

東江環保致力於打造可持續的供應鏈體系，依法依規進行供應商准入與准出，實現產品服務全生命周期價值鏈的多方共贏。

- Compliant Procurement

The Group strictly follows relevant laws and regulations such as the Government Procurement Law of the People's Republic of China and the Implementation Regulations of the Government Procurement Law of the People's Republic of China, and has formulated internal regulations such as the Measures for Supplier Management, the Bidding Procurement Management Measures, the Non – bidding Procurement Management Measures and the Centralized Procurement Management Measures, which cover construction, equipment and bulk commodity procurement, and regulate supplier behaviour, which includes provisions prohibiting the negotiation of business with potential suppliers alone or outside the workplace during the bidding process, and offering bribes in any form to purchasers and related staff, laying a foundation for the sustainable management of the Group's huge procurement business. In addition, the Group newly issued and implemented the Dongjiang Environmental Company Limited Procurement Management System (Trial), which further clarified the division of responsibilities of the Sunshine Procurement Leading Group and relevant departments and units, implemented hierarchical authority management for procurement projects, and detailed regulations on procurement methods, implementation processes, file management, discipline and supervision to ensure the legal compliance of the whole procurement process.

- 合規採購

本集團嚴格遵守《中華人民共和國採購法》、《中華人民共和國政府採購法實施條例》等相關法律法規，內部制定《供應商管理辦法》、《招標採購管理辦法》、《非招標採購管理辦法》及《集中採購管理辦法》等規定，內容涵蓋工程、設備及大宗商品採購，規範供應商行為，包括禁止不准在招標工作期間單獨或在工作場所外與潛在供應商洽談業務，不能以任何形式向採購人及相關工作人員進行行賄等規定，為本集團龐大的採購業務實現可持續管理奠定制度基礎。此外，本集團新印發實施《東江環保股份有限公司採購管理制度（試行）》，進一步明確陽光採購領導小組及各相關部門單位的職責分工，對採購項目實施分級權限管理，將採購方式、實施過程、檔案管理、紀律與監督等多方面進行了詳細規定，保證採購全流程的合法合規。



7

ENSURING COMPLIANCE OPERATION

確保合規運營

- **Supplier Review**

Based on the principle of “comprehensive assessment and merit-based selection”, the Group chooses suppliers from the perspectives of quality, goodwill, production and supply capacity of products and services, and incorporates sustainable development factors such as environmental friendliness, business ethics, occupational health and compliance operation into the scope of consideration, so as to identify, prevent, control and manage the environmental and social risks of the supply chain, and finally identify the suppliers that best match the needs of the Group for cooperation. The Group requires that the machinery and equipment or spare parts provided by suppliers shall comply with relevant national laws and regulations on environmental protection, and shall meet the requirements of ISO14000 environmental system and shall not cause pollution to the construction environment. In addition, the machinery and equipment provided by suppliers must also meet the requirements of OHSMS18000 occupational safety and health management system standards, which cannot harm the health of personnel who are in contact with the machinery and equipment and those who use the equipment after completion.

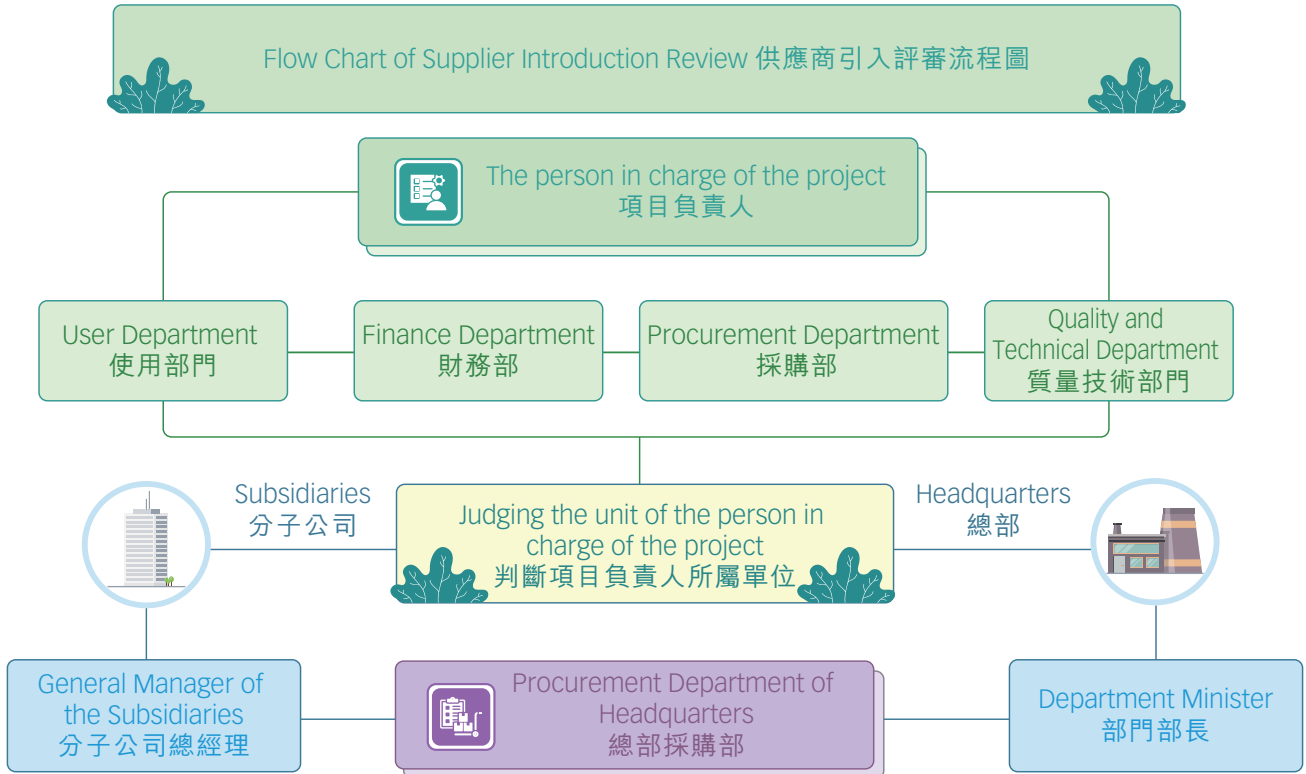
For new process technologies, process technologies or large-scale constructions projects, the relevant departments or technical departments shall provide new suppliers that can fulfill the technical process requirements, and then submit them to the Procurement Department for inspection. In order to ensure the quality of products and services, for large-scale procurement projects, the Group has a joint inspection mechanism for departments. The relevant departments of procurement, technology, processing, equipment, workshop, finance and other departments jointly conduct on-site inspections of candidate suppliers, and finally obtain the results based on the comprehensive evaluation, and are committed to ensuring the level of suppliers and the fairness and impartiality of the procurement process.

- **供應商審核**

本集團基於「綜合評估，擇優選擇」的原則從供應商提供產品及服務的質量、商譽、生產及供貨能力等角度進行篩選，將環境友好、商業道德、職業健康、合規運營等可持續發展因素納入考量範圍，識別、防控及管理供應鏈的環境及社會風險，最終識別出與本集團需求最為匹配的供應商進行合作。本集團要求供應商提供的機械設備或備品備件須符合國家有關環保法律法規的規定，需要符合ISO14000環境體系要求，不能對施工環境造成污染。此外，供應商提供的機械設備還須符合OHSMS18000職業安全健康管理體系標準的要求，不能對接觸機械設備的有關人員及竣工後的使用人員的健康造成危害。

對於新工藝技術、工藝技術或大型建設工程，由相關部門或技術部門提供滿足工藝要求的新供應商，再交由採購部進行考察。為確保產品與服務的質量，對於大型採購項目，本集團設有部門聯合考察機制，由採購、技術、工藝、設備、車間、財務等相關部門共同對候選供應商進行現場考察，最終根據綜合評估得出結果，致力於供應商的水平與採購過程的公平公正。

Flow Chart of Supplier Introduction Review 供應商引入評審流程圖



• Supplier Management

Suppliers who are approved to enter the Group’s supply chain must be registered in unified supplier directory. Suppliers and their relevant employees are required to sign integrity agreements. The president of the Company serves as the leader of the Sunshine Procurement Leading group, and suppliers are required to perform their integrity obligations from the procurement side. After signing the contract, we will pay close attention to the performance of supplier contracts and their own development in the long term, improve procurement efficiency and avoid risks, so as to ensure the smooth progress of the Group’s projects.

During the Reporting Period, we had a total of 1,315 suppliers and had implemented the relevant supplier management practices to all of them, of which 1,311 were from Mainland China and 4 were from Hong Kong, China, providing us with services and products regarding design service consultation, equipment and construction.

• 供應商管理

獲准進入本集團供應鏈的供應商需統一對進行名錄登記，要求供應商及其相關員工簽署廉潔協議書，由公司總裁擔任陽光採購領導小組組長，從採購端要求供應商履行廉潔義務。簽約完成後，我們將長期密切關注供應商合同履行情況與自身發展狀況，提高採購效率並規避風險，確保集團項目能夠順利進展。

本報告期內，我們共有1,315個供應商，已向所有供應商執行有關供應商管理慣例，其中1,311個來自中國內地，4個來自中國香港，為我們提供設計服務諮詢、設備及施工等服務及產品。

8

TALENT TEAM BUILDING

人才團隊建設

Dongjiang Environmental implements the talent concept of “honesty, dedication and contribution” throughout its human resources management. Based on the Labor Law of the People’s Republic of China and other relevant laws and regulations, Dongjiang Environmental practises responsible recruitment, provides market-competitive remuneration and benefits, and continuously improves the training system and performance appraisal system, so that every employee can find the joy of growth in Dongjiang Environmental.

東江環保以「誠實、敬業、貢獻」的人才理念貫穿企業人力資源管理工作，在《中華人民共和國勞動法》等相關法律法規的基礎上踐行負責任招聘，提供有市場競爭力的薪酬及福利待遇，不斷完善培訓體系和績效評估體系，讓每位員工都能在東江環保找到成長的快樂。

8.1 Equal Employment Management

An equal, harmonious and friendly working environment is conducive to enhancing the enthusiasm and happiness of employees and encouraging them to grow together with the Company. The Group strictly abides by the Labor Law of the People’s Republic of China, the Labor Contract Law of the People’s Republic of China, the Law of the People’s Republic of China on the Protection of Minors, the Provisions on the Prohibition of Using Child Labor and other relevant laws and regulations, and has formulated a series of employment-related regulations and measures in accordance with its own characteristics, such as the recruitment and promotion system, working hours, holiday system, remuneration and dismissal, performance appraisal, training and the prevention of child labour and forced labour, in order to safeguard the rights and interests of employees.

- Recruitment Management

Excellent talents are the key to maintaining the core competitiveness of an enterprise. In order to retain existing talents and continue to attract new talents, we have continuously improved the talent recruitment process system and the recruitment management level, and based on the Recruitment Management System to regulate employee recruitment, personnel management, remuneration and benefits.

- (1) Diversified recruitment channels: The Group flexibly uses the Company’s official website, third-party recruitment platforms, recruitment agencies, internal recruitment and other methods according to actual business needs, and takes advantages of the characteristics of diversified recruitment channels to attract required talents in a targeted manner.

8.1 平等僱傭管理

平等、和諧及良好的工作環境有助於提升員工積極性與幸福感，鼓勵員工與公司共同成長。本集團嚴格遵守《中華人民共和國勞動法》、《中華人民共和國勞動合同法》、《中華人民共和國未成年人保護法》和《禁止使用童工規定》等相關法律法規，依據自身特點制定關於招聘與晉升體系、工作時長、假期制度、薪酬及解僱、績效考核、培訓及防止童工、強制勞動等一系列僱傭相關規定與措施進行規範，讓員工權益等各方面都得到保障。

- 招聘管理

優秀人才是維持企業核心競爭力的關鍵所在，為了留住現有人才，同時持續吸引新的人才加入，我們不斷完善人才招聘流程體系，提升招聘管理水平，並依據《招聘管理制度》，在員工招聘、人事管理和薪酬福利等方面作出規範。

- (1) 招聘渠道多元化：本集團根據實際業務需要，靈活運用公司官網、第三方招聘平台、招聘中介、內部招聘等方式，利用多元化的招聘渠道特點，有針對性地吸納所需人才。

TALENT TEAM BUILDING

人才團隊建設

8

(2) Responsible recruitment: We practise the principle of “fair, just and open”, respect the career pursuit of each applicant, and match the right talents as much as possible. All qualified candidates will undergo a unified recruitment process and provide equal employment opportunities. During the recruitment process, we promise not to distinguish the gender, age, nationality and race of the candidates, but focus on the comprehensive ability of the candidates in terms of their educational background, work experience, professional knowledge and working ability.

(3) Prohibition of child labor: We strictly review the resumes and relevant certification materials received in accordance with the relevant rules and regulations of the Company, and screen out non-compliant candidates who do not meet the qualification requirements such as age and job qualifications to prevent child labor. In the event of any violation, the Group has the right to immediately terminate the labor contract and hold the relevant responsible persons accountable. During the Year, the Group had no case of employing child labor.

• Fair Performance Assessment

The Group continuously improves the employee performance appraisal system and implements corresponding incentive measures based on the appraisal performance. The Group classifies and evaluates the department leaders, managers and employees at the headquarters, adheres to contractual management, and combines goal orientation with result orientation; and adheres to the equal emphasis on incentives and constraints, and combine strong incentives with hard constraints. The results of the performance appraisal will be used as a reference basis for the Group’s evaluation of the performance of its employees and will ultimately be reflected in changes in remuneration, year-end bonuses, job allocation and grade promotions. At the same time, we will give bonuses to some of the outstanding employees to set a benchmark and lead to the healthy competition among employees. In order to prevent improper competition in the assessment process, the Group has established a performance appeal mechanism.

(2) 負責任招聘：我們踐行「公平、公正、公開」的原則，尊重每一位應聘者的職業追求，盡最大可能為合適的人才匹配崗位，所有符合條件者均會進行統一的招聘程序，並提供平等的就業機會。在招聘過程中，我們承諾不對應聘者的性別、年齡、國籍、種族等進行區分，而著重從應聘者的學歷、工作經驗、專業知識、工作能力等綜合能力方面考慮。

(3) 禁用童工：我們依據公司相關規章制度對收到的簡歷及相關證明材料進行嚴格審查，篩選出年齡、工作資格等不合規應聘者，防止童工問題出現。如發生任何違規情況，本集團有權立即解除勞動合同並追究相關責任。本報告期內，本集團未發生聘用童工的個案。

• 公平績效考核

本集團不斷完善員工績效考核體系，依據考核績效實施對應的激勵措施。本集團對總部部門領導、經理層、員工進行分類分項考核，堅持契約化管理，目標導向與結果導向相結合；堅持激勵與約束並重，強激勵與硬約束相結合。績效考核結果將作為參考依據，用於集團對員工表現進行評價，並最終表現在薪酬、年終獎金、崗位調動、職級晉升等變化上。同時，我們會向部分績效表現突出的員工發放獎金鼓勵，樹立標杆，引導員工內部良性競爭。為防止考評過程出現不當競爭等情況，本集團設有績效上訴機制。

8

TALENT TEAM BUILDING

人才團隊建設

8.2 Attaching Importance to the Rights and Interests of Employees

Employees are the foundation of an enterprise, and the sustainable development of the Group depends on the hard work of employees. We provide employees with considerable and reasonable remuneration and benefits, so that employees can experience care and protection in many ways, share the achievements of corporate development, so as to retain existing talents and attract future talents to participate in the development and construction of the Group.

- Compliant Employment System

The Group guarantees that all labor contracts are signed on an equal and voluntary basis between the employer and the employees. In order to ensure that the employees are aware of all the details of the relevant work, the two parties agree in detail on matters such as remuneration and termination basis in the labor contract to avoid misconception and disputes due to information discrepancies. In principle, the Group implements a five-day work system with 40 working hours per week. However, due to the differences in policies and business characteristics in different regions, the Group allows each subsidiary to flexibly adjust their working hours according to the nature of their own production and operation, combined with work needs and relevant regulations.

If violations occur, we will impose internal penalties to avoid forced labor. During the Report Period, there was no forced labor in the Group.

- Employee Welfare Care

In accordance with the relevant provisions of the Labor Law of the People's Republic of China, the Group provides employees with paid holidays such as annual leave, medical leave, marriage leave, funeral leave and parental leave, as well as "five social insurances and two funds", namely basic endowment insurance, unemployment insurance, basic medical insurance, work injury insurance, maternity insurance, housing fund and enterprise annuity. In addition, in order to strengthen the cohesion of employees and thank them for their contributions to the Group, we also provide diversified benefits such as subsidies for high temperature operations, holiday blessings, commercial insurance and rental housing for talents, as well as additional benefits such as annual bonuses in accordance with the Remuneration Management System for our employees.

8.2 重視員工權益

員工是企業之本，本集團可持續發展有賴於員工的辛勤付出。我們為員工提供可觀合理的薪酬和福利待遇，讓員工體驗到多方面的關愛與保障，共享企業發展的成果，從而留住現有人才，吸引未來人才參與本集團發展建設。

- 合規僱傭制度

本集團承諾簽訂的所有勞動合同均在僱主和僱員平等自願的情況下簽訂，為確保僱員清楚有關工作的全部細節，雙方在勞動合同中詳細約定薪酬、終止依據等事項，避免因信息差導致的誤會與糾紛。原則上本集團實行五天工作制，每周工作40小時，但由於不同地區的政策、業務特點等不同，本集團允許各所屬單位根據自身生產經營性質，結合工作需要和相關法規，彈性調整工作時間。

如有違規情況發生，我們將進行內部處責，以避免強制勞工情況發生。本報告期內，本集團未出現強制勞工情況。

- 員工福利關愛

本集團依照《中華人民共和國勞動法》的相關規定，向員工提供年假、醫療期、婚假、喪假、育兒假等有薪假期，以及「五險二金」，即基本養老保險、失業保險、基本醫療保險、工傷保險、生育保險、住房公積金和企業年金。此外，為加強員工凝聚力，感謝他們對本集團的貢獻，我們還提供高溫作業補貼、節日祝福、商業保險、人才配租房等多元化的福利，並依據《薪酬管理制度》為員工提供年度獎金等額外福利待遇。

TALENT TEAM BUILDING

人才團隊建設

8

• Caring for Employees' Physical and Mental Health

The Group cares about the physical and mental health of employees and enriches their spare time through various activities. On important traditional holidays such as the Chinese New Year, Dragon Boat Festival and Mid-Autumn Festival each year, the Group will distribute festive gifts to employees and send them holiday greetings. On Women's Day each year, we accompany female employees to celebrate the festival in the form of distributing gifts or organising activities, creating a harmonious and positive working atmosphere, so that every employee can work in a friendly space and grow by hardworking. This Year, Dongjiang Environmental has held a series of special projects such as the Enjoy Reading in Dongjiang reading activity, the Top Ten Care Measures for Employees, the Dongjiang Shuidi mutual fund, and the first Everyone Is Teacher micro-class competition, so as to truly do practical things and send warmth to employees.

• Safeguarding Women's Rights and Interests

The Group has always supported the protection of women's rights and interests and formulated a series of measures to protect female employees. The Trade union of the Group has set up a mother-and-baby room at the headquarters, which is cleaned and managed by dedicated personnel, and formulated the "Management Measures for the Mother-and-Baby Room", to provide comfortable services for the female employees of the Group. In addition, we also provide maternity leave (paternity leave), prenatal check-up leave, breastfeeding leave, family planning leave, parental leave and other welfare holidays to show the Company's respect and protection of women's rights and interests in many aspects.

• 關注員工身心健康

本集團關愛員工身心健康發展，通過多種活動方式豐富員工的業餘生活。每年春節、端午節及中秋節等重要傳統節假日，本集團都會發放節日禮品，向員工送上節日的問候。每年婦女節，我們以發放慰問品或舉辦活動的形式陪伴女性員工慶祝節日，營造和諧積極的工作氛圍，讓每位員工在友愛中工作，在奮鬥中成長。本年度，東江環保通過舉辦“書享東江”閱讀活動、“職工三最十項關愛舉措”、“東江水滴”互助金、首屆「人人師」微課大賽等一系列特色項目，真正把實事辦好，把好事辦實、切切實實把溫暖送到職工心坎上。

• 維護女性權益

本集團一貫支持保障女性權益，制定了一系列措施為女性員工保駕護航。本集團工會在總部設立母嬰關愛室，由專人清潔管理，並配套制定了《母嬰關愛室管理辦法》，為本集團廣大女性員工提供了舒適的服務，此外，我們還提供產假（陪產假）、產檢假、哺乳假、計劃生育假、育兒假等福利假期，從多方面展現公司對女性權益的尊重與保護。



8 | TALENT TEAM BUILDING 人才團隊建設

8.3 Comprehensive Training Mechanism

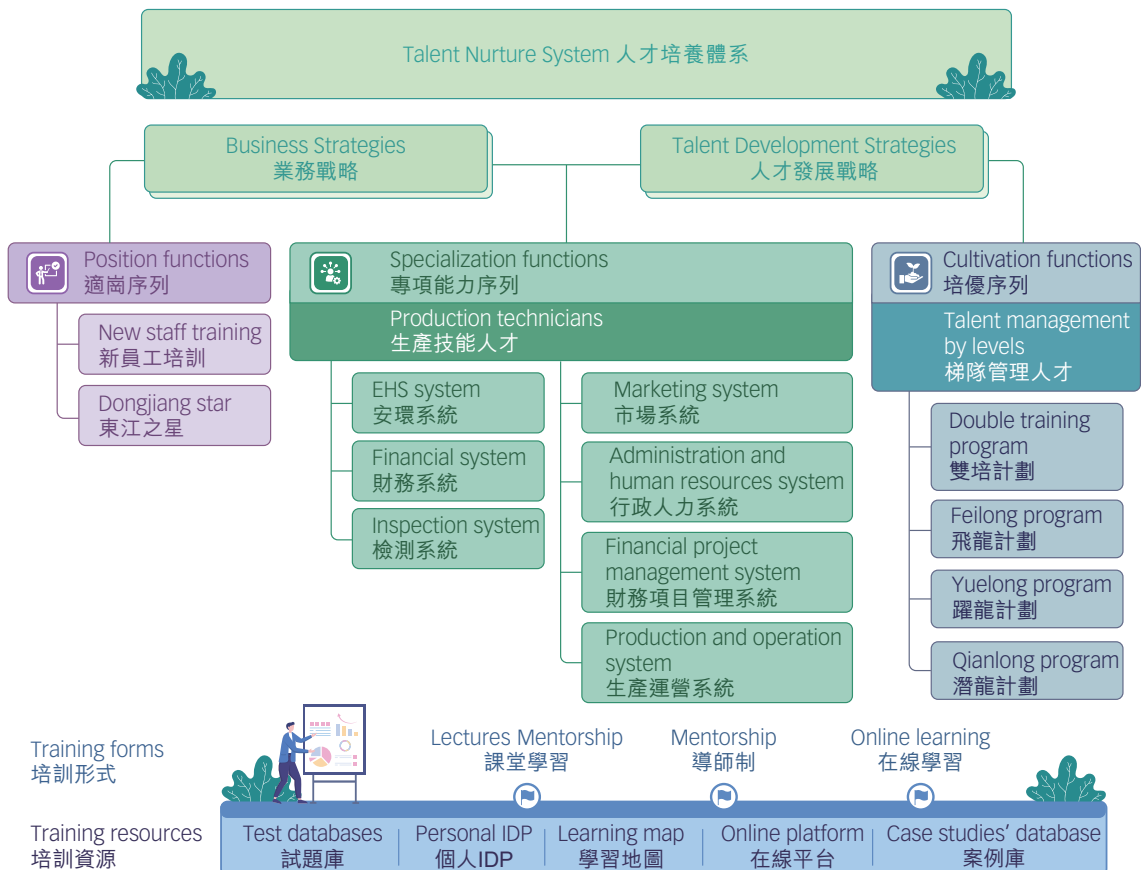
Excellent talents are an important part of the core competitiveness of an enterprise. The Group attaches great importance to talent nurture and has established a talent nurture system that combines professional capabilities and leadership. Through the classified training model of “regular training + special training”, the Group has carried out comprehensive improvement and training for employees of different ranks and positions. Employees are developed and promoted according to the production sequence, technical sequence, market sequence and functional sequence, so as to cultivate and motivate talents to make continuous progress.

During the Year, the Group carried out Dongjiang Environmental’s “Flying Dragon Project 2023” training programme, the Three Refinement management training meeting, 2023 Dongjiang Star training course and the theme learning activity “Taking a Course and Reading a Book Together” for the year 2023, through a wide range of diverse, informative and extensive training activities to deepen the construction of a learning organization and further enhance the capability of cadres and staff, and achieve high-quality development of the Company.

8.3 全面培訓機制

優秀的人才才是企業核心競爭力的重要組成部分，本集團高度重視人才培養，建立專業能力與領導力相結合的人才培養體系，通過「常規培訓+專項培訓」的分類培訓模式，對不同職級、崗位的員工進行全方面提升培養，按照生產序列、技術序列、市場序列、職能序列發展晉升，培養並激勵人才不斷進步。

本年度，本集團開展東江環保「飛龍計劃」2023培訓項目及「三精」管理培訓會、東江之星2023培訓班，2023「同學一門課 共讀一本書」主題學習活動通過形式多樣、內容豐富、範圍廣闊的培訓活動，深化學習型組織建設，進一步提升幹部、員工隊伍素質能力，實現公司高質量發展。



TALENT TEAM BUILDING

人才團隊建設

8

Examples of Training Activities in 2023 2023年培訓活動案例



Activity Name 活動名稱	Purposes of the Event 活動目的	Participants 參與對象
Concentrate the "New" and Gather Their strengths, Build up a Head of Steam – 2022-2023 Dongjiang Star Training Course 凝「新」聚力蓄勢待發2022-2023屆東江之星培訓班	Helping new university graduates in the past two years to strengthen their professionalism and fully integrate into the work of the company 幫助近兩年來新入職的大學畢業生員工強化職業素養，全面融入企業工作	More than 30 employees of subsidiaries in Guangdong Province 廣東省內所屬企業的30餘名員工
Dongjiang Environmental's "Flying Dragon Project 2023" Training Programme 東江環保「飛龍計劃2023」培訓項目	Further strengthen the cultivation of the Party spirit among cadres, enhance the ability and sensitivity of insight into industry trends, and stimulate the idea of exploration of business innovation, transformation and breakthrough 進一步加強幹部黨性修養，提升洞察行業趨勢能力與敏銳度，激發探索業務創新及轉型突破的思路	More than 40 members of the leadership and regional market managers of each business departments and subsidiaries 各事業部、分子公司領導班子成員及市場大區經理40餘人



Concentrate the "New" and Gather Their strengths, Build up a Head of Steam - 2022-2023 Dongjiang Star Training Course
凝「新」聚力蓄勢待發2022-2023屆東江之星培訓班



Dongjiang Environmental's "Flying Dragon Project 2023" Training Programme
東江環保「飛龍計劃2023」培訓項目

8

TALENT TEAM BUILDING

人才團隊建設

8.4 Safety and Health System

Occupational health and safety, as a fundamental employee's right, is closely related to employees' sense of security, happiness and work efficiency. The Group has formulated a series of rules and regulations to ensure that employees work in a safe environment.

- Occupational Health and Safety Management

- (1) Occupational health and safety management system

The Group strictly abides by the Law of the People's Republic of China on the Prevention and Control of Occupational Diseases, Measures for the Administration of Occupational Safety Inspections, the Regulations on Labour Protection in Workplaces Where Toxic Substances Are Used, the Production Safety Law of the People's Republic of China and the Environmental Protection Law of the People's Republic of China and other relevant laws and regulations. Based on its own business characteristics and actual conditions, the Group has formulated the Occupational Health Management Regulations and the Workplace and Behavior Safety Management Regulations. Taking source prevention, process control and risk elimination as the three main focuses, the Group strictly implements safety requirements and management for the production areas, work workshops, facilities and equipment, and defines the scope of occupational health and safety management of each business department and makes detailed regulations.

In addition, the Group's headquarters has set up a Safety and Environmental Protection Department to comprehensively manage the Company's occupational health work, including improving and implementing the Company's occupational health and safety system, supervising and evaluating the occupational health and safety work of subordinate units, and jointly building an occupational health and safety hierarchical management system with the human resources department of the headquarters to maintain the effective operation of occupational health management institutions, continuously refining the content of employee occupational health training, and improving the Group's occupational health management level.

8.4 安全健康體系

職業健康安全作為一項基礎員工權利，與員工安全感、幸福感與工作效率密切相關。本集團制定了一系列規章制度，確保員工在安全環境下工作。

- 職業健康安全管理

- (1) 職業健康安全管理規定

本集團嚴格遵守《中華人民共和國職業病防治法》、《職業安全檢查管理辦法》、《使用有毒物品作業場所勞動保護條例》、《中華人民共和國安全生產法》及《中華人民共和國環境保護法》等相關法律法規，根據自身業務特點與實際情況，制定《職業健康管理規定》與《工作場所和行為安全管理規定》，以源頭預防、過程控制、風險消除為三大抓手，對集團所屬的生產區、工作車間、設施設備等進行嚴格安全要求與管理，並對各業務部門職業健康安全管理劃定範圍並作出詳細規定。

此外，本集團總部設立安全環保部，全面負責管理公司職業健康工作，包括健全與實行公司職業健康安全制度，監督考核下屬單位職業健康安全工作，連同總部人力資源部共同搭建職業健康安全分級管理體系，維持職業健康管理機構有效運轉，不斷細化員工職業健康培訓內容，提高集團職業健康管理水平。

During the Reporting Period, the number of days lost due to work-related injuries of the Group was 848, and there were no serious accidents involving work-related casualties. The number and rate of work-related fatalities in each of the past three years were zero.

(2) Occupational health and safety training

In order to improve employees' awareness of safe production and enhance the Group's health and safety production level, according to the business characteristics and needs of each department, the Company has formulated the details of the contents of the relevant occupational health and safety training, including education on occupational disease prevention and control laws and regulations, professional knowledge on occupational health and safety, self-rescue and mutual-rescue skills, education on the knowledge of post-labour protection, the instructions of the use of protective gear, and emergency response in case of accidents. Occupational health training is an important part of occupational health. The Group requires every new employee to receive occupational health training before employment, and regularly conducts occupational health training for existing employees.

• Free Occupational Health Examination

The Group cares about the physical condition of its employees and supports their work in a safe and healthy manner. Free physical examinations are provided to all employees every year. Employees can take different items for examination according to their needs, including special examinations for men and women. During the Reporting Period, among the Group's employees who were exposed to occupational disease hazards, 459 participated in pre-job physical examination, 2,567 participated in on-the-job physical examination, and 399 participated in off-the-job physical examination. There were no suspected occupational diseases or occupational cases reported by employees in the Group throughout the Year.

本報告期內，本集團因工傷損失的日數為848天，未發生員工因工傷亡的嚴重事故，過去三年每年因工死亡的人數及比率均為零。

(2) 職業健康安全培訓

為提高員工安全生產意識，提升集團健康安全生產水平，根據各部門業務特點與需求，本公司制定相關職業健康安全培訓內容細則，包括職業病防治法規教育、職業健康安全專業知識、自救互救技能、崗位勞動保護知識教育、防護用具使用方法、事故應急處理等。職業衛生培訓作為職業健康的重要組成部分，本集團要求每一位新員工在入職前接受職業衛生培訓，同時對在職員工定期開展職業衛生培訓工作。

• 免費職業健康體檢

本集團關愛員工身體情況，支持員工平安健康開展工作，每年面向全體員工開展免費體檢活動，員工可根據自身需要選擇不同的項目進行檢查，包括男性和女性的專科檢查。本報告期內，本集團接觸職業病危害因素的員工中有459人參加崗前體檢、2,567人參加崗中體檢、399人參加離崗體檢。本集團全年沒有員工上報疑似職業病或職業病例報告。



8

TALENT TEAM BUILDING

人才團隊建設

Emotional Stress Management Training
情緒壓力管理培訓

In March 2023, in order to further strengthen the physical and mental health management and improve the psychological quality of employees, so as to let them better cope with various challenges in work and life, maintain a good mentality and a healthy body, the Group carried out special training on “Mandatory Emotions and Stress Management in the Workplace”, and held lectures on emotional counselling and stress relief for all employees at the headquarters to help employees maintain a good mentality and full enthusiasm in dealing with challenges and pressures in life and work.

2023年3月，為進一步加強員工的身心健康管理，提高員工心理素質，從而更好地應對工作、生活中的各種挑戰，保持良好的心態和健康的身體，本集團開展「職場必備情緒與壓力管理」專題培訓，面向總部全體員工進行情緒疏導與壓力排解講座，幫助員工在應對生活和工作中的挑戰與壓力時，能夠保持良好的心態和飽滿的熱情。

GIVING BACK TO SOCIETY

熱心回饋社會

9

While continuously achieving breakthroughs in its own rapid development, Dongjiang Environmental never forgets to give back to the society, fulfils its social responsibility as a state-owned environmental protection enterprise, shares the development dividend of the Group with the public, and makes efforts to contribute to achievement of the “UN Sustainable Development Goal 1: No Poverty, end poverty in all its forms everywhere” based on our own business characteristics, we have made public welfare investments in basic education, recycling, environmental protection education, water supply and other aspects to care for disadvantaged groups and contributing to the construction of a beautiful China. During the Year, Dongjiang Environmental has donated a total of CNY370,000 to support poverty alleviation efforts.

9.1 Caring for Special Children

On 30 June 2023, the Third Party Branch directly under Dongjiang Environmental and the Party Branch of Baoan Dongjiang went to the Jinwawa Children’s Care Centre of Bao’an District, Shenzhen to carry out the volunteer service activity of “Caring for Special Children and Spreading Love on Earth”, learned about the development of education in the school, interacted with the children and presented them loving gift packages.

東江環保在自身快速發展，不斷取得突破性成就的同時，不忘回饋社會，履行作為一家國有環保企業的社會責任，與社會公眾分享集團發展紅利，協助實現「聯合國可持續發展目標1—無貧窮，在全世界消除一切形式的貧困」。我們根據自身業務特點，在基礎教育、回收利用、環保教育、水源供給等多個方面進行公益投入，關愛弱勢群體，助力建設美麗中國。本年度，東江環保扶貧捐贈款項共人民幣37萬元。

9.1 關愛特殊兒童

2023年6月30日，東江環保直屬第三黨支部與寶安東江黨支部前往深圳市寶安區金娃娃兒童關愛中心，開展「關愛特殊兒童，讓愛灑滿人間」志願服務活動，了解學校教育發展情況，與孩子們互動交流，贈送愛心禮包。



Dongjiang Environmental presented gift packages for special children
東江環保為特殊兒童贈送愛心禮包



9

GIVING BACK TO SOCIETY

熱心回饋社會

9.2 Promoting Environmental Protection Education

In August 2023, Dongjiang Environmental held a series of National Ecology Day themed activities: the Company used Dongjiang Environmental Smart Environmental Protection Exhibition Hall as the medium to popularise environmental protection to more than 20 children and their parents from the community; Baoan Dongjiang, a subsidiary, joined hands with Shenzhen Spring Environmental Protection Volunteer Association to arrange for professionals to take samples on site and explain the principles, interacted with the audience in the form of ecological knowledge quizzes, and popularised green environmental protection knowledge; Qianhai Dongjiang Jieyang Branch, a subsidiary, organised parent-child families of the company to visit the Jieyang urban garbage disposal site, and carried out waste creation activities to enhance environmental protection awareness in a fun and educational way.

9.2 推廣環保教育

2023年8月，東江環保舉辦系列全國生態日主題活動：本公司以東江環保智慧環保展廳為媒介，對來自社區的20餘名兒童及其家長進行環保科普；所屬企業寶安東江聯合深圳市綠源環保志願者協會安排專業人員現場取樣並講解原理，以生態知識競答的方式與觀眾進行互動，普及綠色環保知識；所屬企業前海東江揭陽分公司，組織公司親子家庭參觀揭陽市區垃圾處理場，開展廢棄物創作活動，寓教於樂，提升環境保護意識。



Dongjiang Environmental conducted environmental popularisation for children and parents
東江環保為孩子和家長進行環保科普



Dongjiang Environmental held ecological knowledge quizzes
東江環保舉辦生態知識競答



Dongjiang Environmental organised family outdoor visits for employees
東江環保組織員工家庭戶外考察



GIVING BACK TO SOCIETY

熱心回饋社會

9

9.3 Accompanying the Elderly

On 19 August 2023, the First Party Branch and the Second Party Branch directly under Dongjiang Environmental and the Party Branch of Huateng Environmental carried out a special volunteer activity of "Respecting and Caring for the Elderly and Keeping the Elderly Warm" in the Shenzhen Nanshan District Social Welfare Centre Phase II, listened to the stories of the elderly people's struggles in their glorious years, accompanied them in making handicrafts, so as to cultivate the younger generation to pass on the red spirit and let the elderly people feel the solace of the heart at the same time.

9.3 陪伴老年群體

2023年8月19日，東江環保直屬第一、第二黨支部與華藤環境黨支部在深圳市南山區社會福利中心二期，開展「敬老護老情暖相伴」特色志願活動，聆聽老人崢嶸歲月的奮鬥往事，陪伴他們製作手工藝品，培養年輕一代傳承紅色精神的同時，讓老人們感受到心靈的慰藉。



Dongjiang Environmental went to the community to care for the elderly
東江環保走入社區關愛慰問老人們



APPENDIX I: KPI DATA TABLE

附錄一：關鍵績效指標數據表



Environmental Subject Area ¹ 環境範疇 ¹	Unit 單位	2023 2023年度
Air pollutants² 空氣排放物²		
Nitrogen oxides (NO _x) 氮氧化物(NO _x)	Tonnes 公噸	103.70
Sulphur oxides (SO _x) 硫氧化物(SO _x)	Tonnes 公噸	26.71
Particulate matter (PM) 顆粒物(PM)	Tonnes 公噸	10.86
Greenhouse Gas Emission³ 溫室氣體排放量³		
Direct GHG emissions (Scope 1) 直接溫室氣體排放(範圍1)	Tonnes of CO ₂ e 公噸二氧化碳當量	39,028.60
Direct GHG removals (Scope 1) (tree planting) 直接溫室氣體減除(範圍1)(樹木種植)	Tonnes of CO ₂ e 公噸二氧化碳當量	7.91
Indirect GHG emissions (Scope 2) 間接溫室氣體排放(範圍2)	Tonnes of CO ₂ e 公噸二氧化碳當量	88,580.32
Total GHG emissions (Scope 1 & 2) 溫室氣體排放總量(範圍1及2)	Tonnes of CO ₂ e 公噸二氧化碳當量	127,601.01
Total GHG emissions intensity (per square meter) 溫室氣體排放強度(每平方米)	Tonnes of CO ₂ e/m ² 公噸二氧化碳當量/平方米	0.07

¹ The environmental KPIs cover the Group's headquarters' office building in Shenzhen and the office and plants of the sixteen main subsidiaries of the Group, including Baoan Dongjiang, Jiangmen Dongjiang, Huizhou Dongjiang, Qingyuan Xinlv, Kunshan Treatment, Zhuhai Yongxingsheng, Shaoguan Dongjiang, Jiangsu Dongjiang, Wosen Environmental, Jiangxi Dongjiang, Qianhai Dongjiang, Humen Green, Xiantao Dongjiang, Huabao Technology, Renewable Energy, and Xiongfeng Environmental.

² Including stationary sources and air emissions from vehicles.

³ According to ISO 14064 of Greenhouse Gas Emissions Standard, direct GHG emissions (Scope 1) are the emissions directly owned and controlled by the Group, such as emissions from fixed equipment (including offices and plants), motorcade and refrigerant; indirect GHG emissions (Scope 2) are the energy indirect emissions, such as the electricity purchased from power companies (including offices and plants).

¹ 環境範疇數據涵蓋本集團深圳總部辦公大樓及本集團旗下16家主要子公司的辦公室及車間，包括寶安東江、江門東江、惠州東江、清遠新綠、昆山淨化、珠海永興盛、韶關再生資源、江蘇東江、沃森環保、江西東江、前海東江、虎門綠源、仙桃東江、華保科技、再生能源、雄風環保。

² 包括固定源及車輛產生的空氣排放物。

³ 根據ISO 14064溫室氣體盤查標準，直接溫室氣體排放(範疇一)針對直接來自於組織所擁有及控制的排放源，如自身所擁有的固定設備(包括辦公室和車間)、交通工具及製冷劑的排放；間接溫室氣體排放(範疇二)針對能源間接排放源，如購入電力而造成間接之溫室氣體排放(包括辦公室和車間)。

APPENDIX I: KPI DATA TABLE

附錄一：關鍵績效指標數據表



Environmental Subject Area ¹ 環境範疇 ¹	Unit 單位	2023 2023年度
Energy Consumption 能源消耗		
Total purchased electricity 總外購電力	MWh 兆瓦時	103,817.52
Total purchased electricity intensity (per square metre) 總外購電力強度(每平方米)	MWh/m ² 兆瓦時/平方米	0.06
Natural gas consumption 天然氣消耗量	Ten thousand m ³ 萬立方米	903.99
Amount of diesel consumed by fixed equipment 固定設備耗用的柴油量	Liters 公升	6,629,413.12
Amount of diesel consumed by motorcade 車隊耗用的柴油量	Liters 公升	493,879.10
Amount of gasoline consumed by motorcade 車隊耗用的汽油量	Liters 公升	134,116.35
Steam 蒸氣	Tonnes 公噸	70,961.73
Water Consumption 水源消耗		
Total water consumption 總耗水量	m ³ 立方米	646,610.65
Total water consumption intensity (per square meter) 總耗水強度(每平方米)	m ³ /m ² 立方米/平方米	0.35
Hazardous Waste⁴ 有害廢棄物 ⁴		
Hazardous waste production 有害廢棄物產量	Tonnes 公噸	29,754.20
Hazardous waste production intensity (per square meter) 有害廢棄物產量強度(每平方米)	Tonnes/m ² 公噸/平方米	0.02

⁴ Hazardous waste includes ash, slag from incineration, waste liquid from laboratory, waste oil, waste oil barrel and waste catalyst, etc.

⁴ 有害廢棄物包括焚燒飛灰、焚燒爐渣、化驗室廢液、廢機油、廢機油空桶及廢催化劑等。



APPENDIX I: KPI DATA TABLE

附錄一：關鍵績效指標數據表



Environmental Subject Area ¹ 環境範疇 ¹	Unit 單位	2023 2023年度
Non-hazardous Waste⁵ 無害廢棄物⁵		
Non-hazardous waste production 無害廢棄物產量	Tonnes 公噸	29,799.15
Non-hazardous waste production intensity (per square meter) 無害廢棄物產量強度(每平方米)	Tonnes/m ² 公噸/平方米	0.02
Paper Consumption 紙張消耗		
Paper consumption 紙張消耗	Tonnes 公噸	8.08
Paper consumption intensity (per employee) 紙張消耗強度(每名員工)	Tonnes/employee 公噸/員工	0.0038
Total Amount of Packaging Material Used in Finished Products 製成品所用包裝材料的總量		
Cardboard box 紙箱	kg 千克	350.00
Paper 紙張	kg 千克	135.00
Packaging bag 包裝袋	kg 千克	37,273.20
Tons of bags 噸袋	kg 千克	12,645.15
Plastic 塑料	kg 千克	30.00
Wooden box 木箱	kg 千克	24,220.00

⁵ Non-hazardous waste includes domestic waste, sludge, wastepaper, waste plastic, etc.

⁵ 無害廢棄物包括生活垃圾、污泥、廢紙、廢塑料等。

APPENDIX I: KPI DATA TABLE

附錄一：關鍵績效指標數據表



Social Subject Area 社會範疇	Unit 單位	2023 2023年度
Total employees 僱員總數	No. of people 人數	4,271
Employees by Gender 按性別劃分的僱員		
Female employees 女性僱員	No. of people 人數	1,010
Male employees 男性僱員	No. of people 人數	3,261
Employees by Employment Category 按職位類型劃分的僱員		
Junior employees 初級僱員	No. of people 人數	3,906
Intermediate management 中級管理層	No. of people 人數	275
Senior management 高級管理層	No. of people 人數	90
Employees by Age Group 按年齡組別劃分的僱員		
Below 30 30歲以下	No. of people 人數	664
30-50 30-50歲	No. of people 人數	2,755
Over 50 50歲以上	No. of people 人數	852



APPENDIX I: KPI DATA TABLE

附錄一：關鍵績效指標數據表



Social Subject Area 社會範疇	Unit 單位	2023 2023年度
Employees by Geographical Region 按地區劃分的僱員		
North China 華北區域	No. of people 人數	157
East China 華東區域	No. of people 人數	1,395
Central China 華中區域	No. of people 人數	483
Northwest China 西北區域	No. of people 人數	76
South China 南方區域	No. of people 人數	2,159
Other locations (including Hong Kong, Macau, Taiwan) 其他區域(包括港澳臺)	No. of people 人數	1
Employee Turnover Rate⁶ 僱員流失率⁶		
Total employee turnover rate 僱員總流失率	% %	19.02
Employee Turnover Rate by Gender 按性別劃分的僱員流失率		
Female employees 女性僱員	% %	18.94
Male employees 男性僱員	% %	19.04

⁶ Calculation method = number of employees turnover ÷ (number of employees turnover + annual number of employees) × 100%.

⁶ 計算方法：流失僱員人數 ÷ (流失僱員人數+年終僱員人數) × 100%。

APPENDIX I: KPI DATA TABLE

附錄一：關鍵績效指標數據表



Social Subject Area 社會範疇	Unit 單位	2023 2023年度
Employee Turnover Rate by Age Group 按年齡組別劃分的僱員流失率		
Below 30 30歲以下	%	29.14
30-50 30-50歲	%	17.86
Over 50 50歲以上	%	13.95
Employee Turnover Rate by Geographical Region 按地區劃分的僱員流失率		
North China 華北區域	%	22.66
East China 華東區域	%	17.21
Central China 華中區域	%	21.21
Northwest China 西北區域	%	16.48
South China 南方區域	%	24.13
Other locations (including Hong Kong, Macau, Taiwan) 其他區域(包括港澳台)	%	50.00
Employee training rate⁷ 僱員培訓率⁷		
Percentage of Employees Training by Gender 按性別劃分的受訓僱員百分比		
Female employees 女性僱員	%	23.65
Male employees 男性僱員	%	76.35

⁷ Calculation method: The percentage of employees trained in this category = the number of employees trained in this category ÷ the total number of employees trained × 100%.

⁷ 計算方法：該類別的員工受訓百分比 = 該類別的員工受訓人數 ÷ 受訓員工總人數 × 100%。

APPENDIX I: KPI DATA TABLE**附錄一：關鍵績效指標數據表**

Social Subject Area 社會範疇	Unit 單位	2023 2023年度
Percentage of Employees Trained by Employee Category 按職位類型劃分的受訓僱員百分比		
Junior employees 初級僱員	%	91.45
Intermediate management 中級管理層	%	6.44
Senior management 高級管理層	%	2.11
Average Training Hours Completed per Employee by Gender 按性別劃分的每名僱員平均培訓時數		
Female employees 女性僱員	Hours 小時	10.45
Male employees 男性僱員	Hours 小時	40.54
Average Training Hours Completed per Employee by Employee Category 按職位類型劃分的每名僱員平均培訓時數		
Junior employees 初級僱員	Hours 小時	49.43
Intermediate management 中級管理層	Hours 小時	7.98
Senior management 高級管理層	Hours 小時	2.21

APPENDIX I: KPI DATA TABLE

附錄一：關鍵績效指標數據表




Social Subject Area 社會範疇	Unit 單位	2023 2023年度
Occupational Health and Safety 職業健康和安全		
Number of work-related fatalities in each of the past three years (2021, 2022, 2023)	No. of people	0
過去三年(2021、2022、2023年)每年因工亡故的人數	人數	
Percentage of work-related fatalities in each of the past three years (2021, 2022, 2023)	%	0
過去三年(2021、2022、2023年)每年因工亡故的比率	%	
Anti-corruption 反貪污		
Concluded legal cases regarding corrupt practices brought against the Group or its employees	Case	0
對本集團或僱員提出並已審結的貪污訴訟案件數目	宗	



APPENDIX II: CONTENT INDEX OF THE ESG REPORTING GUIDE

附錄二：《環境、社會及管治報告指引》內容索引



Description of the Indicators 指標內容		Relevant Chapter(s) 相關章節	
A. Environmental Subject Area 環境範疇			
A1: Emissions 排放物 	General disclosure 一般披露	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste. 有關廢氣及溫室氣體排放、向水及土地的排污、有害及無害廢棄物的產生等的：(a)政策；及(b)遵守對發行人有重大影響的相關法律及規例的資料。	6. Comprehensive Environmental Business 6. 全面環境業務
	A1.1	The types of emissions and respective emission data. 排放物種類及相關排放數據。	Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表
	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)。	6.3 Implementation of Low – Carbon Management 6.3 實施低碳管理 Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表
	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)。	Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表
	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)。	Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表
	A1.5	Description of emissions target(s) set and steps taken to achieve them. 描述所訂立的排放量目標及為達到這些目標所採取的步驟。	6.3 Implementation of Low – Carbon Management 6.3 實施低碳管理
	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。	6.2 Fullfilling Environmental Protection Operation 6.2 踐行環保運營

APPENDIX II: CONTENT INDEX OF THE ESG REPORTING GUIDE

附錄二：《環境、社會及管治報告指引》內容索引





Description of the Indicators 指標內容		Relevant Chapter(s) 相關章節	
A2: Use of Resources 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。	6.1 Intensive Engagement in Environmental Protection Services 6.1 深耕環保服務 6.2 Fulfilling Environmental Protection Operation 6.2 踐行環保運營
	A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility). 按類型劃分的直接及／或間接能源（如電、氣或油）總耗量（以千個千瓦時計算）及密度（如以每產量單位、每項設施計算）。	Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表
	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）。	Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表
	A2.3	Description of energy use efficiency target(s) set and steps taken to achieve them. 描述所訂立的能源使用效益目標及為達到這些目標所採取的步驟。	6.2 Fulfilling Environmental Protection Operation 6.2 踐行環保運營
	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。	6.2 Fulfilling Environmental Protection Operation 6.2 踐行環保運營
	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。	Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表

APPENDIX II: CONTENT INDEX OF THE ESG REPORTING GUIDE

附錄二：《環境、社會及管治報告指引》內容索引




Description of the Indicators 指標內容		Relevant Chapter(s) 相關章節	
A3: The Environment and Natural Resources 環境及天然資源 	General Disclosure 一般披露	Policies on minimizing 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。	6.1 Intensive Engagement in Environmental Protection Services 6.1 深耕環保服務 6.2 Fulfilling Environmental Protection Operation 6.2 踐行環保運營
	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。	6.1 Intensive Engagement in Environmental Protection Services 6.1 深耕環保服務 6.2 Fulfilling Environmental Protection Operation 6.2 踐行環保運營
A4: Climate Change 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。	6.4 Preventing Climate Risks 6.4 防範氣候風險
	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。	6.4 Preventing Climate Risks 6.4 防範氣候風險

APPENDIX II: CONTENT INDEX OF THE ESG REPORTING GUIDE

附錄二：《環境、社會及管治報告指引》內容索引





Description of the Indicators 指標內容		Relevant Chapter(s) 相關章節	
B. Social Subject Area 社會範疇			
B1: Employment 僱傭 	General Disclosure 一般披露	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare. 有關薪酬及解僱、招聘及晉升、工作時數、假期、平等機會、多元化、反歧視以及其他待遇及福利的：(a) 政策；及(b)遵守對發行人有重大影響的相關法律及規例。	8.1 Equal Employment Management 8.1 平等僱傭管理 8.2 Attaching Importance to the Rights and Interests of Employees 8.2 重視員工權益
	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員工總數。	Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表
	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員工流失比率。	Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表

APPENDIX II: CONTENT INDEX OF THE ESG REPORTING GUIDE

附錄二：《環境、社會及管治報告指引》內容索引





Description of the Indicators 指標內容		Relevant Chapter(s) 相關章節	
B2: Health and Safety 健康與安全 	General Disclosure 一般披露	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards. 有關提供安全工作環境及保障員工避免職業性危害的：(a)政策；及(b)遵守對發行人有重大影響的相關法律及規例的資料。	7.1 Building a Safety System 7.1 打造安全體系 8.4 Safety and Health System 8.4 安全健康體系
	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。	8.4 Safety and Health System 8.4 安全健康體系 Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表
	B2.2	Lost days due to work injury. 因工傷損失工作日數。	8.4 Safety and Health System 8.4 安全健康體系 Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表
	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。	8.4 Safety and Health System 8.4 安全健康體系
B3: Development and Training 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. 有關提升員工履行工作職責的知識及技能的政策。描述培訓活動。	8.3 Comprehensive Training Mechanism 8.3 全面培訓機制
	B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management). 按性別及員工類別（如高級管理層、中級管理層等）劃分的受訓員工百分比。	Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表
	B3.2	The average training hours completed per employee by gender and employee category. 按性別及員工類別劃分，每名員工完成受訓的平均時數。	Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表

APPENDIX II: CONTENT INDEX OF THE ESG REPORTING GUIDE

附錄二：《環境、社會及管治報告指引》內容索引



Description of the Indicators 指標內容		Relevant Chapter(s) 相關章節	
B4: Labour Standard 勞工準則 	General Disclosure 勞工準則	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour. 有關防止童工或強制勞工的：(a)政策；及(b)遵守對發行人有重大影響的相關法律及規例的資料。	8.1 Equal Employment Management 8.1 平等僱傭管理
	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。	8.1 Equal Employment Management 8.1 平等僱傭管理
	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。	8.1 Equal Employment Management 8.1 平等僱傭管理
B5: Supply Chain Management 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。	7.7 Improving Sustainable Supply Chain 7.7 完善可持續供應鏈
	B5.1	Number of suppliers by geographical region. 按地區劃分的供應商數目。	7.7 Improving Sustainable Supply Chain 7.7 完善可持續供應鏈
	B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, and how they are implemented and monitored. 描述有關聘用供應商的慣例，向其執行有關慣例的供應商數目、以及有關慣例的執行及監察方法。	7.7 Improving Sustainable Supply Chain 7.7 完善可持續供應鏈
	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。	7.7 Improving Sustainable Supply Chain 7.7 完善可持續供應鏈
	B5.4	Description of practices used to promote environmentally preferable products and services when selecting suppliers, and how they are implemented and monitored. 描述在揀選供應商時促使多用環保產品及服務的慣例，以及相關執行及監察方法。	7.7 Improving Sustainable Supply Chain 7.7 完善可持續供應鏈

APPENDIX II: CONTENT INDEX OF THE ESG REPORTING GUIDE

附錄二：《環境、社會及管治報告指引》內容索引





Description of the Indicators 指標內容		Relevant Chapter(s) 相關章節	
B6: Product Responsibility 產品責任 	General Disclosure 一般披露	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labeling and privacy matters relating to products and services provided and methods of redress. 有關所提供產品和服務的健康與安全、廣告、標籤及私隱事宜以及補救方法的：(a)政策；及(b)遵守對發行人有重大影響的相關法律及規例的資料。	7.1 Building a Safety System 7.1 打造安全體系 7.4 Maintaining Data Security 7.4 維護數據安全 7.5 Protecting Intellectual Property Rights 7.5 保護知識產權 The Group's business does not involve advertisements and labels 本集團業務不涉及廣告及標籤
	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。	7.2 Improving Product Quality 7.2 提升產品質量 There are no products of the Group sold or shipped subject to recalls for safety and health reasons 本集團沒有因安全與健康理由而須回收的已售或已運送產品
	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。	7.6 Ensuring Customer Service Quality 7.6 確保客服質量
	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。	7.5 Protecting Intellectual Property Rights 7.5 保護知識產權
	B6.4	Description of quality assurance process and recall procedures. 描述品質檢定過程及產品回收程序。	7.2 Improving Product Quality 7.2 提升產品質量
	B6.5	Description of consumer data protection and privacy policies, and how they are implemented and monitored. 描述消費者資料保障及私隱政策，以及相關執行及監察方法。	7.4 Maintaining Data Security 7.4 維護數據安全

APPENDIX II: CONTENT INDEX OF THE ESG REPORTING GUIDE

附錄二：《環境、社會及管治報告指引》內容索引



Description of the Indicators 指標內容		Relevant Chapter(s) 相關章節	
B7: Anti-corruption 反貪污 	General Disclosure 一般披露	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering. 有關防止賄賂、勒索、欺詐及洗黑錢的：(a)政策；及(b)遵守對發行人有重大影響的相關法律及規例的資料。	7.3 Upholding Probity and Honesty 7.3 堅守廉潔誠信
	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員工提出並已審結的貪污訴訟案件的數目及訴訟結果。	7.3 Upholding Probity and Honesty 7.3 堅守廉潔誠信 Appendix I: KPI Data Table 附錄一：關鍵績效指標數據表
	B7.2	Description of preventive measures and whistleblowing procedures, and how they are implemented and monitored. 描述防範措施及舉報程序，以及相關執行及監察方法。	7.3 Upholding Probity and Honesty 7.3 堅守廉潔誠信
	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。	7.3 Upholding Probity and Honesty 7.3 堅守廉潔誠信
B8: Community Investment 社區投資 	General Disclosure 一般披露	Policies on community engagement to understand the needs of 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。	9. Giving Back to Society 9. 熱心回饋社會
	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)。	9. Giving Back to Society 9. 熱心回饋社會
	B8.2	Resources contributed (e.g. money or time) to the focus area. 在專注範疇所動用資源。	9. Giving Back to Society 9. 熱心回饋社會



DONGJIANG ENVIRONMENTAL COMPANY LIMITED*
東江環保股份有限公司

