



中國光大水務有限公司
CHINA EVERBRIGHT WATER LIMITED
(於百慕達註冊成立之有限公司)
(Incorporated in Bermuda with limited liability)
(STOCK CODES 股份代號: U9E.SG & 1857.HK)

2018 Sustainability Report 可持續發展報告



To Create
Better
Investment Value
and Undertake
More
Social Responsibility

創造 **更好投資價值**
承擔 **更多社會責任**



WANG TIANYI
王天義

Non-Executive Director and Chairman
非執行董事兼董事長



Water pollution is one of the key global issues in the 21st century. According to the World Health Organisation, there are at least 2 billion people in the world using water from contaminated sources, and more than 800 million people do not have basic potable water service. It is estimated that by 2025, half of the world's population will be living in water-stressed areas. The Chinese government is paying great attention to the water pollution issue. The government has introduced a series of policies and regulations, such as the Action Plan on Water Pollution Prevention and Control, to establish a national framework and system for water environment management. As an outstanding integrated environmental water service provider in China, Everbright Water is committed to providing high quality services and solutions with adherence to international standards and best practices. It is dedicated to creating a better environment and promoting ecological conservation, so as to achieve the mission of unveiling lush mountains and lucid water.

—— 十一世紀，水污染是全球十分關注的議題之一。根據世界衛生組織的資料顯示，全球至少有二十億人使用的飲用水源受到污染，超過八億人仍缺乏飲用水基本服務；到2025年，預計全球將有半數人口居住在水資源緊張的地區。中國政府亦十分重視水污染問題，並推出《水污染防治行動計劃》等政策法規，構建完善的水環境治理體系。光大水務作為中國卓越的水環境綜合治理服務商，致力提供高品質的水環境治理服務和解決方案，堅持與國際標準及最佳實踐接軌，創造美好環境，建設生態文明，實現青山綠水的宏願。

EVERBRIGHT WATER
SUSTAINABILITY REPORT
光大水務可持續發展報告

2018

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China Everbright Water Limited (“Everbright Water” or the “Company”, together with its subsidiaries, the “Group”) is an environmental protection company focusing on water environment management. It is listed on the Mainboard of Singapore Exchange Securities Trading Limited (“SGX”) and the Main Board of The Stock Exchange of Hong Kong Limited (“HKEX”) (stock codes: U9E.SG & 1857.HK) with its direct controlling shareholder being China Everbright International Limited (“Everbright International”) (stock code: 257.HK).

Everbright Water is one of the leading water environment management enterprises in China. It is principally engaged in water environment treatment, sponge city construction, river-basin ecological restoration, water supply, waste water treatment, reusable water, waste water source heat pump, sludge treatment and disposal, research and development of water technologies, and engineering and construction, etc.

The Sustainability Report 2018 (the “Report”) covers the Group’s main sustainability initiatives and performance during 1 January 2018 to 31 December 2018 (the “Reporting Period”). The Report was prepared in accordance with Rule 13.91 and Appendix 27 Environmental, Social and Governance (“ESG”) Reporting Guide of the Rules Governing the Listing of Securities on HKEX (the “HKEX Listing Rules”), as well as the Listing Manual of the SGX (Rules 711A, 711B and Practice Note 7.6 Sustainability Reporting Guide). This Report has been prepared in accordance with the GRI Standards: Comprehensive option⁽¹⁾. By these means, the material issues were covered in a more comprehensive manner. Besides, the Sustainable Development Goals (“SDGs”) of the United Nations have been fully integrated into the Group’s environmental and social management strategies to reflect its commitment to tackling the world’s most pressing issues.

The data and information disclosed in the Report were based on materiality assessment, stakeholder engagement and other relevant sustainability reporting guidelines, covering the sustainability performance of the Group’s Shenzhen, Hong Kong and Singapore offices, and the operating projects under the Group’s operational control during the Reporting Period⁽²⁾. The relevant entities of the Group can be found in the Group’s Annual Report 2018 (the “Annual Report 2018”) – Notes to the Financial Statements. Relevant guidelines or standards in international or local context were used as the basis for data collection and analysis of the Report, including the use of the Clean Development Mechanism (“CDM”) approved methodologies for the estimation of the projects’ greenhouse gas (“GHG”) emissions and offset. All data included in this Report has been rounded except integers and data disclosed in the Annual Report 2018.

The Group commissioned the Hong Kong Quality Assurance Agency as a third-party verification institution to conduct an independent audit and verification on the content and data of the Report, and the relevant Verification Statement is appended to the Report. The board of directors of Everbright Water (the “Board”) reviewed and approved the content and scope of the Report to demonstrate that the Board had considered sustainability issues as part of its strategic formulation, determined the material ESG factors and overseen the management and monitoring of the material ESG factors.

The Report is available in both Chinese and English versions and has been uploaded onto the websites of Everbright Water (www.ebwater.com), SGX (www.sgx.com) and HKEX (www.hkex.com.hk). If there is any inconsistency or discrepancy between the Chinese version and the English version, the English version shall prevail; in the event of any inconsistency or discrepancy between the Report and the Annual Report 2018, the Annual Report 2018 shall prevail.

The Group welcomes all stakeholders and the public to provide valuable comments and suggestion to info@ebwater.com on the content of the Report, the reporting approach as well as the Group’s sustainability performance.

Notes:

⁽¹⁾ GRI refers to Global Reporting Initiative.

⁽²⁾ Unless otherwise specified, data of contractors and subcontractors is not disclosed in the Report.

中國光大水務有限公司（「光大水務」或「本公司」），連同其附屬公司統稱「本集團」是一家以水環境綜合治理業務為主業的環保集團，為新加坡證券交易所有限公司（「新交所」）及香港聯合交易所有限公司（「聯交所」）主板上市公司（股份代號：U9E.SG及1857.HK），直接控股股東為中國光大國際有限公司（「光大國際」）（股份代號：257.HK）。

光大水務為中國領先的水環境綜合治理企業之一，主營業務包括水環境綜合治理、海綿城市建設、流域治理、供水、污水處理、中水回用、污水源熱泵、污泥處理處置以及環保水務技術研發和工程建設等。

二零一八年可持續發展報告（「本報告」）涵蓋了本集團於二零一八年一月一日至二零一八年十二月三十一日（「報告期」）期間的主要可持續發展策略和表現。其內容撰寫依循聯交所證券上市規則（「聯交所上市規則」）第13.91條及附錄二十七所載的《環境、社會及管治報告指引》，以及新交所上市手冊（第711A條、第711B條和第7.6項應用指引《可持續發展報告指引》）所編寫。本報告書是依循GRI準則：全面選項⁽¹⁾，務求報告更全面涵蓋實質性議題。此外，本集團將聯合國可持續發展目標（「SDGs」）全面融入環境及社會管理戰略中，以展示應對全球最迫切議題的決心。

本報告所披露的數據及信息是基於實質性評估、持份者參與和其他相關的可持續發展報告指引釐訂，涵蓋了本集團在報告期內於深圳、香港和新加坡辦公室以及本集團擁有運營控制權的運營項目的可持續發展表現⁽²⁾。本集團的相關實體資料可參閱二零一八年度報告（「二零一八年度報告」）中的財務報表附註。本報告的資料收集及分析乃根據相關國際或當地指引及準則進行，包括使用清潔發展機制（「CDM」）核准的計算方法估算項目的溫室氣體排放及抵消。除了整數數據及二零一八年度報告已公佈的數據外，本報告所載的所有數據均已作捨入調整。

本集團已委託香港品質保證局作為第三方核證審核機構，為本報告的內容及數據進行獨立審計及認證，其相關審核聲明已附載於本報告中。本報告的內容及範圍亦經過光大水務董事會（「董事會」）審閱及批准，以證明董事會已將可持續發展議題視為戰略制定的一部分，確定了主要的環境、社會及管治議題，並對該等議題的管理和監測進行了監督。

本報告備有中英文版本，已上載至光大水務網站（www.ebwater.com）、新交所網站（www.sgx.com）及聯交所網站（www.hkex.com.hk）供下載及閱覽。如中、英文版本有任何抵觸或不相符之處，應以英文版本為準；若本報告和二零一八年度報告有任何抵觸或不相符之處，應以二零一八年度報告為準。

歡迎各持份者及公眾就本報告內容、報告方式和本集團在可持續發展方面的表現提供寶貴意見及建議，並電郵至info@ebwater.com。

附註：

⁽¹⁾ GRI是指全球報告倡議組織。

⁽²⁾ 除非另有註明，承包商及分包商的數據不會於本報告中披露。

In 2018, Everbright Water enhanced its capabilities, solidified its market position, and made steady progress in the areas of business expansion, engineering construction, operations management, technological research and development ("R&D"), etc. During the Reporting Period, the Group secured 15 new projects and signed 4 supplementary agreements for existing projects, which command a total investment of approximately RMB3.579 billion and contribute an aggregate designed daily water treatment capacity of 476,600 m³. These new projects not only reinforced the Group's strengths in the areas of municipal waste water treatment, industrial waste water treatment and sludge treatment and disposal, but also solidified the Group's market position in the water environment management industry in China. With various policy measures focusing on the improvement of water environment being rolled out by the Chinese government, and its commitment and support to technological innovation in the environmental protection sector, the Group will continue to closely follow governmental policies at all levels and march forward through opportunities and challenges.

The Chinese government issued a series of policies relating to water environment management, water resource utilisation and water ecology protection. Everbright Water stays aligned with major national policies and aims to become a leading player in the industry. By following the development path of "Pursuing Marketisation, Professionalism and Internationalisation", the Group will continue to strengthen its market resources and presence in the Bohai Economic Rim and the Yangtze River Delta, as well as proactively explore and expand its services to other areas with great development potential, such as: the Yangtze River Economic Belt and the Guangdong-Hong-Kong-Macau Greater Bay Area. Meanwhile, the Group pays attention to overseas markets, such as: Southeast Asia, central Asia and countries along the "Belt and Road" route, seeking suitable greenfield investment and acquisition opportunities and exploring new types of project (e.g. sponge city construction, river-basin ecological restoration) and business models.

光大水務於二零一八年穩步推進業務拓展、工程建設、運營管理、技術研發等方面，鞏固了自身實力和行業地位。報告期內，本集團共取得15個新項目並簽署4個現有項目的補充協議，涉及投資總額約人民幣35.79億元，新增日污水處理規模47.66萬立方米。該等新項目不僅加強了本集團在生活污水處理、工業廢水處理和污泥處理處置領域的業務實力，亦進一步鞏固了本集團在中國水環境綜合治理領域的重要市場地位。配合國家多項以改善水環境品質為核心的政策措施，以及對環保技術創新的大力支持，本集團將繼續緊密圍繞各級政策，在機遇與挑戰中奮力前行。

中國政府發佈了一系列水環境治理、水資源利用、水生態保護的政策。光大水務緊跟國家大政方針，致力成為行業翹楚。透過圍繞「市場化、專業化、國際化」的發展路線，本集團繼續加強於渤海經濟圈及長三角地區的市場資源和優勢地位，積極探索及拓展長江經濟帶、粵港澳大灣區等具有較大增長潛力的區域市場。本集團同時放眼東南亞、中亞、「一帶一路」沿線國家等海外市場，關注合適的綠地投資及收購機會，進一步探索較新的項目類型（如海綿城市建設、流域生態修復等）和業務模式。

Development of Ecological Conservation

Adhering to the operation philosophy of “Integrity, Pragmatism, Efficiency and Innovation”, Everbright Water strives to develop benchmark environmental water projects and contribute to the improvement of water environment and the development of ecological conservation. The Group had 94 municipal and industrial waste water treatment projects in operation as at the end of the Reporting Period, which treated approximately 1,271,248,000 m³ of waste water and reduced approximately 356,000 tonnes of chemical oxygen demand (“COD”) discharge during the Reporting Period. In addition, Everbright Water has been striving to reduce fresh water demand by recycling precious water resources. During the Reporting Period, the Group’s reusable water projects generated approximately 16,299,000 m³ of reusable water. In relation to project construction, there were a total of 19 projects undergoing construction throughout 2018. These included 9 projects that commenced construction and 9 projects that completed construction and commenced operations.

Great Attention to Talent Management

Everbright Water views talents as valuable assets and always adheres to the “People-Oriented” philosophy. The Group also boosted efforts in talent recruitment to address business development needs. By developing and improving policies relating to recruitment, remuneration, motivation and assessment, etc., the Group continues improving the talent management system and forms a team with tiered talent development strategy and replacement mechanism. At the same time, the Group puts strong emphasis on strategic adjustment of management structure and optimisation of remuneration system, and provides trainings for the management team on integrity and morality, so as to enrich corporate culture, nurture and retain talents.

建設生態文明

秉承「誠信、務實、高效、創新」的經營理念，光大水務致力打造標竿環保水務項目，為提升水環境品質和建設生態文明貢獻力量。本集團運營的生活及工業污水處理項目截至報告期末合共達94個，報告期內共處理超過1,271,248,000立方米污水，同時削減約356,000噸的化學需氧量（「COD」）排放。此外，光大水務亦致力回用珍貴的水資源，以減少對淡水的需求。於報告期內，本集團的中水回用項目共生產約16,299,000立方米的回用水。工程建設方面，二零一八年全年共有19個建設工程，其中9個項目開工建設，9個項目建成投運。

重視人才管理

光大水務視人才為寶貴財富，始終堅持「以人為本」的理念，密切圍繞業務發展的需求加大人才引進力度。通過建立完善招聘、薪酬、激勵、考核等方面的人才制度，本集團不斷完善人才管理體系，形成了梯隊式、互補式的人才隊伍。本集團同時高度重視戰略性的營運架構調整，優化薪酬體系，並為管理層提供廉潔與道德培訓，務求豐富企業文化內涵，培養和留住人才。

Fostering Technological R&D

During the Reporting Period, Everbright Water actively explored opportunities and made practical progress in enhancing its core technology industrial chain, which included: (i) establishment of a joint-venture company in Germany, E+B Umwelttechnik GmbH, with an aim of building overseas business channels and enabling its core technologies to achieve the international standards; (ii) incorporation of Hebei Xiong'an Huashen Water Engineering Technology Limited with its partner, focusing on the R&D of wading and hydraulic engineering technologies, equipment and new materials, etc.; and (iii) acquisition of Xuzhou Municipal Engineering Design Institute Co., Ltd. ("Xuzhou Design Institute"), strengthening the Group's capabilities and enriching its experience in the field of municipal engineering design. The Group will undergo a comprehensive integration of its internal technological and design resources to improve its strength in municipal engineering design related to the water environment sector. Furthermore, it will continuously enhance its capabilities in providing full services from the early-stage planning and design till the final-stage operation and management. To enhance digitalisation and intelligentisation across entire operations management, the Group implemented the "Intelligent Water" information management system, leveraging on its technological innovation capability to drive business development.

Promoting Environmental Education

To allow communities to witness the application of sustainability concepts in environmental protection sectors, such as: waste water treatment, Everbright Water accords high priority in opening up of its facilities and promotes environmental education. Through active participation in National Science Popularisation Day, World Water Day and World Environment Day, as well as collaborations with different environmental technology associations and government organisations in various kinds of public education events, the Group proactively promotes advanced environmental technology and waste water treatment knowledge to raise public awareness on environmental protection.

推動技術研發

報告期內，光大水務在推動完善核心技術產業鏈方面進行了積極探索，並取得實質性進展，其中包括：(i)在德國成立合資公司E+B Umwelttechnik GmbH，搭建海外業務渠道，推動本集團核心技術與國際接軌；(ii)與合作夥伴組建河北雄安華深水務工程技術有限公司，專注於涉水及水利工程相關的技術、設備、新材料研發等；及(iii)整體收購徐州市市政設計院有限公司（「徐州設計院」），增強自身於市政工程設計方面的資質和經驗。本集團將全面整合內部技術設計相關資源，提升在水環境領域的市政工程設計實力，不斷拓展從前期項目設計到最終項目運營管理的「全鏈條」服務能力。為提升整體運營管理的信息化、智慧化水平，本集團深入落實「智慧水務」信息管理體系，以科技創新驅動發展。

推廣環保教育

為讓社區共同見證可持續發展理念在污水處理等環保領域的實踐，光大水務高度重視公眾開放工作，積極宣揚環保。透過積極參加「全國科普日」、「世界水日」及「世界環保日」等活動，並與多個環保和科技協會以及政府機構合作舉辦不同類型的公眾教育活動，本集團主動推廣先進的環保技術及污水處理知識，從而提升公眾環保意識。

Summing Up

Under the guidance of the “sustainable development strategies” for China’s ecological conservation, the water environment management sector will continue its golden era. Everbright Water is committed to enhancing its core competitiveness and taking swift advantage of the opportunities arising therefrom, and will steadily expand its business chain. By harnessing its technological innovation as an important engine of development and engaging in the comprehensive integration of its resources relating to technological R&D, the Group will proactively explore new markets and business areas, and leverage on industry and policy trends in order to seize development opportunities. The Group will also stay focused on the comprehensive management of water environment, comprehensive utilisation of water resources and comprehensive protection of water ecology. Despite the challenges faced by the Group, it will grasp the opportunities and continue striving to make steady progress with determination.

小結

在國家生態文明建設「可持續發展大計」的指引下，水環境治理行業將延續黃金時代，而光大水務致力夯實自身核心競爭力，抓緊機遇，穩步推動產業鏈的延伸。本集團以技術創新作為發展引擎，全面整合技術研發相關資源，積極探索新的市場和業務領域，希望借助行業和政策大勢抓住發展機遇。本集團將繼續精專於水環境綜合治理、水資源綜合利用與水生生態綜合保護，全力以赴，在機遇與挑戰中堅定方向、穩步前行。

AN XUESONG

Executive Director and Chief Executive Officer

31 May 2019

安雪松

執行董事兼總裁

二零一九年五月三十一日

Board Statement

董事會聲明

The Board has reviewed the material environmental, social and governance issues, and will manage and monitor these issues and take them into consideration in determining the Company’s business direction and strategies. The Company will actively undertake social responsibility in pursuing a better water environment.

董事會已審閱有關環境、社會及管治的重大議題，將管理和監督這些議題，並在制定本公司營業方針及戰略時將該等議題列入考慮範圍。本公司將積極承擔社會責任，創造更優質的水環境。

03

We adopt long-term sustainable development strategies and strive to become

A ROLE MODEL IN WATER INDUSTRY

採取長遠可持續發展戰略，致力成為水務行業企業模範



As a leading environmental protection enterprise in China focusing on water environment management, Everbright Water has achieved diversified business areas, covering water environment treatment, sponge city construction, river-basin ecological restoration, water supply, municipal and industrial waste water treatment, reusable water, waste water source heat pump, sludge treatment and disposal, R&D of water technologies, and engineering and construction, etc. The Group's geographical footprint spans across East, Central, South, North, Northeast and Northwest China, including Beijing, Jiangsu, Shandong, Shaanxi, Henan, Hubei, Guangxi Zhuang Autonomous Region, Liaoning and Inner Mongolia Autonomous Region. As at 31 December 2018, Everbright Water had 111 environmental water projects, which commanded a total investment of approximately RMB18.7 billion and had a total designed daily water treatment capacity of more than 5 million m³. In terms of project construction, there were a total of 19 projects undergoing construction throughout 2018. Several projects also received construction subsidies of more than RMB56 million in total in 2018. Everbright Water's revenue during the Reporting Period was approximately HK\$4.768 billion and its total assets as at end of the Report Period exceeded HK\$19.5 billion.



作為中國領先的水環境綜合治理環保集團，光大水務的主營業務呈現多元化發展，涉及領域包括水環境綜合治理、海綿城市建設、流域治理、供水、生活及工業污水處理、中水回用、污水源熱泵、污泥處理處置以及環保水務技術研發和工程建設等。業務遍佈中國華東、華中、華南、華北、東北及西北地區，包括北京、江蘇、山東、陝西、河南、湖北、廣西、遼寧、內蒙古等省市自治區。截至二零一八年十二月三十一日，光大水務擁有環保水務項目達111個，涉及總投資金額約人民幣187億元，總設計日水處理規模逾500萬立方米。工程建設方面，本集團於二零一八年共有19個建設工程，多個建設工程獲批專項補貼共逾人民幣5,600萬元。光大水務在報告期內錄得收入約港幣47.68億元，在報告期末的總資產超過港幣195億元。

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Business Highlights in 2018

二零一八年業務亮點

15

New projects

新增項目

including the first leachate treatment project
包括首個滲濾液處理項目

9

Projects completed construction

建成完工項目

9

Projects commenced construction

開工建設項目

27

Patents granted

獲得授權專利

Project Overview

項目概覽

94

Municipal and industrial waste water treatment projects
生活及工業污水處理項目

Efficient waste water treatment process,
ensuring compliant discharge
高效污水處理，致力達標排放

6

Water environment treatment projects
水環境綜合治理項目

Comprehensive management,
safeguarding ecological values
一體化綜合治理，保衛生態價值

3

Water supply projects
供水項目

Standardised management to
ensure safe water supply
立足規範管理，確保供水安全

5

Reusable water projects
中水回用項目

Effluent recycling and reuse to guarantee
a circular economy
中水循環再用，保障循環經濟

2

Waste water source heat pump projects
污水源熱泵項目

Resource utilisation to convert waste to energy
善用資源，轉廢為能

1

Household waste landfill
leachate treatment project
生活垃圾填場滲濾液處理項目

Proficient water quality control to
reduce pollution risks
專業水質控制，減低污染隱患

Direct Economic Value Generated and Distributed to the Concerned Stakeholders in 2018*

二零一八年所產生及分配予相應持份者的直接經濟價值*

	Economic value 經濟價值	Beneficiary 獲益持份者	Amount (HK\$'000) 金額 (港幣千元)
Direct economic value generated 產生的直接經濟價值	Revenue 收入	Investors, clients 投資者、客戶	4,768,318
	Other income and gains, net 其他收入及收益淨額		140,583
	Share of profits of associates 所佔聯營公司盈利		422
Economic value distributed 分配的經濟價值	Staff costs 員工開支	Employees 員工	283,240
	Other costs ⁽¹⁾ 其他成本 ⁽¹⁾	Business partners, suppliers 商業夥伴、供應商	3,210,445
	Net finance costs 財務費用淨額	Lenders 貸款人	273,480
	Dividends 股息	Investors 投資者	151,863
	Taxes ⁽²⁾ 稅項 ⁽²⁾	Government 政府	144,123
	Profit attributable to non-controlling interests 非控股權益應佔盈利	Business partners 商業夥伴	60,296
	Charitable donations 慈善捐款	Local communities 當地社區	977
Economic value retained 留存的經濟價值	Retained for Everbright Water's sustainable operation and development 留存作光大水務的可持續運營和發展	Investors, clients, employees 投資者、客戶、員工	784,899

* Data extracted from Annual Report 2018

* 資料來自二零一八年度報告

Notes:

附註：

- (1) Represents other costs but excludes depreciation and amortisation for the year.
- (2) Represents current income tax but excludes deferred tax for the year.

- (1) 代表該年度的其他成本，但不包括該年度的折舊及攤銷。
- (2) 代表該年度所得稅，但不包括該年度的遞延稅項。

Sponge City

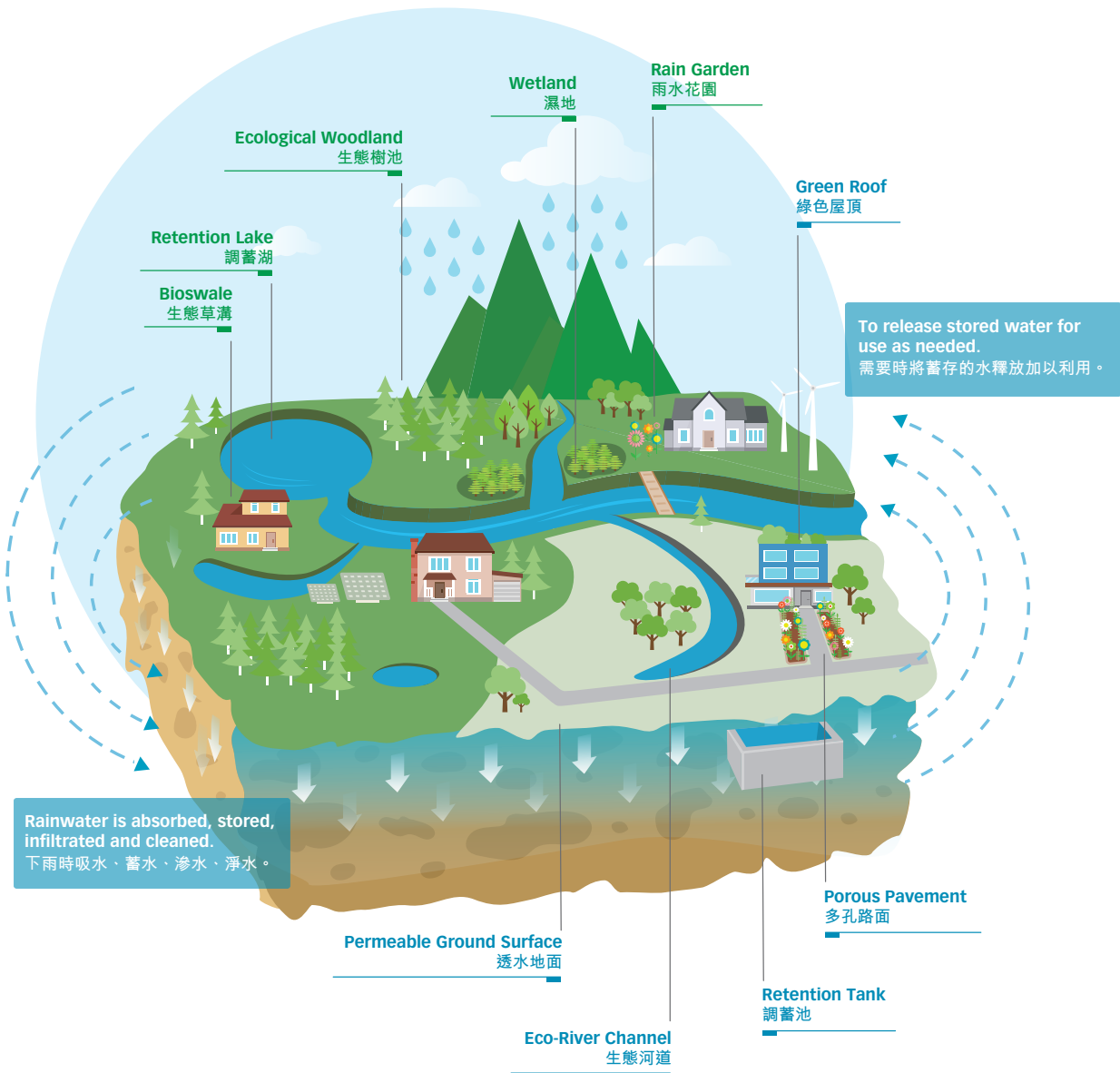
Sponge city aims at boosting the city's ability in absorption, infiltration, retention and release of rainwater through the construction of surface runoff control and flood prevention/drainage system.

The Concept of Sponge City

海綿城市概念圖

海綿城市

海綿城市旨在透過建立控制表面徑流和防洪排澇的系統，提升城市對雨水的吸納、蓄滲和緩釋能力。



The Group puts the concept of “Sponge City” into practice through Zhenjiang Sponge City Construction PPP⁽¹⁾ Project. The project involves the construction and operation of a series of rainwater retention tanks, rainwater pump stations, rainwater drainage networks and waste water treatment facilities, and implementation of ecological restoration works, etc. The project will significantly raise the capabilities of Zhenjiang City in flood prevention, non-point source pollution control and rainwater harvesting.

本集團將「海綿城市」概念透過鎮江海綿城市建設PPP⁽¹⁾項目付諸實踐，建設和運營一系列調蓄池、雨水泵站、雨水管網和污水處理設施，以及開展生態治理工程等。本項目將會大幅提升鎮江市的內澇防治、面源污染控制以及雨水回收的能力。



River-Basin Restoration

River-basin restoration (or river-basin ecological restoration) refers to river ecosystem restoration through establishing a healthy, comprehensive and stable river ecosystem using artificial reclamation measures, while meeting the needs for flood prevention, stormwater drainage and stormwater diversion within the river and land boundary.

流域治理

流域治理（或生態河道治理）是指在滿足防洪、排澇及引水等河道基礎上，於河道陸域控制線內設立人工修復措施促進河道水生系統恢復，構建健康、完整、穩定的河道水生系統的活動。



Note:

⁽¹⁾ Public-Private Partnership.

附註：

⁽¹⁾ 政府和社會資本合作。

The Concept of River-Basin Restoration Project 流域治理項目概念圖



Nanjing Municipal Water PPP Project, with a total investment of approximately RMB275 million, is the first river-basin ecological restoration project secured by the Group. Through a series of ecological restoration works, such as: river widening, transect restoration, riverbank greenery, river dredging, etc., the project continuously improves the water quality of the Chengnan River basin in the Pukou District of Nanjing City, and further facilitates the local government in conserving ecological environment.

南京涉水市政工程PPP項目總投資額約人民幣2.75億元，為本集團首個河道治理項目，項目透過一系列生態改造工程如河面拓寬、斷面修整、岸坡綠化、河流疏浚等，持續改善南京市浦口區城南河流域的河流水質，協助當地政府保育生態環境。



Adhering to “Technology Leads Development”

Adhering to the Group’s ethos of “Technology Leads Development”, the Group enhanced its support to technological R&D, and expanded its technology industrial chain during the Reporting Period. The Group set up a joint-venture in Germany, E+B Umwelttechnik GmbH, with an aim to establish overseas business channels and enable its core technologies to achieve the international standards; it jointly incorporated Hebei Xiong’an Huashen Water Engineering Technology Limited with its partners, focusing on R&D of wading and hydraulic engineering technologies, equipment, new materials, among others; the Group also acquired Xuzhou Design Institute to enhance its capabilities and experiences in the field of municipal engineering design.

堅持「科技引領發展」

本集團的研發團隊致力於響應本集團「科技引領發展」的核心理念，於報告期內加大科技研發力度，完善技術產業鏈，包括成立德國合資公司E+B Umwelttechnik GmbH，以搭建海外業務渠道，推動核心技術與國際接軌；與商業夥伴共同組建河北雄安華深水務工程技術有限公司，專注於涉水及水利工程相關的技術、設備、新材料的研發；以及整體收購徐州設計院，增強自身於市政工程設計方面的資質和經驗。

The Group actively fosters the application of technological achievements to its projects, such as: biological deodorisation system, high efficiency sedimentation tank, biological aerated filter and ozone catalytic oxidation. In addition, the Group's technological R&D project "Key Technology Research and Development on the Heterogeneous Catalytic Ozonation of Non-Biodegradable Leachate" was included as one of the technological projects in Shenzhen City Technological Innovation Program 2018, with RMB4 million subsidy granted by the local government. The Group also made substantial progress in developing technological qualifications and was granted a total of 27 patents in 2018.

本集團亦積極推進技術成果轉化及項目應用，於生物除臭、高效沉澱池、曝氣生物濾池、臭氧催化氧化等技術領域實現項目應用，本集團的產學研合作項目「難降解垃圾滲濾液非均相催化臭氧化處理關鍵技術研發」被納入深圳市二零一八年技術創新計劃技術攻關項目，並獲得人民幣400萬元的政府補貼。本集團還於技術資質建設方面取得實質性進展，並於二零一八年獲得27項授權專利。

Expanding Technology Industrial Chain – Acquisition of Xuzhou Design Institute 延伸技術產業鏈－收購徐州設計院

The acquisition of Xuzhou Design Institute during the Reporting Period has great significance for Everbright Water to further enrich its full-service business chain. Xuzhou Design Institute is the only national grade-A municipal design institute located within the Huaihai Economic Zone. It holds a number of important qualifications, including multiple grade-A qualifications for municipal sectors and engineering consultation, among others, and is principally engaged in projects relating to roads, bridges, tunnels, water supply and drainage, etc. The successful acquisition will complement the Group's capabilities in the field of municipal engineering design. With its own municipal design institute, the Group will enhance the efficiency of its engineering design works while reducing the relevant costs. Through fully integrating the existing resources and advantages, Everbright Water will leverage on the expertise of Xuzhou Design Institute to broaden its business scope, as well as to synchronise its asset-light and asset-heavy models with its business and pursue excellent sustainable development.

報告期內，光大水務收購了徐州設計院，進一步完善本集團「全過程」業務鏈的佈局。徐州設計院是淮海經濟區內唯一的國家甲級市政設計單位，擁有市政行業多個專業甲級、工程諮詢資格甲級等多項重要資質，主營業務包括道路、橋樑、隧道、供水及排水等。本次成功收購有效補充本集團於市政工程設計方面的資質和經驗，並通過擁有自己的市政設計機構，提升本集團的工程設計效率、降低相關成本。透過充分整合光大水務現有的資源及優勢以及融合徐州設計院的專業資質，拓寬產業領域，實現本集團輕重資產及業務的合理匹配與高品質的可持續發展。

Projects in Operation (Waste Water Treatment)

投運項目（污水處理）

Project		項目		Daily Waste Water Treatment Capacity 日污水處理規模 (ten thousand m ³) (萬立方米)
1	Qingdao Waste Water Treatment Project (Maidao Plant)	青島污水處理項目（麥島廠）		22.00
2	Qingdao Waste Water Treatment Project (Haibohe Plant)	青島污水處理項目（海泊河廠）		
3	Qingdao Waste Water Treatment Project (Maidao Plant) Upgrading	青島污水處理項目（麥島廠） 提標改造		N/A
4	Zibo Waste Water Treatment Project (Southern & Northern Plants)	淄博污水處理項目 （南郊廠及北廠）		25.00
5	Zibo Waste Water Treatment Project (Upgrading)	淄博污水處理項目 （升級改造項目）		N/A
6	Ji'nan Waste Water Treatment Project (Plant 1 & 2)	濟南污水處理項目（一廠及二廠）		42.00
7	Ji'nan Waste Water Treatment Project (Plant 1 & 2 Expansion and Upgrading)	濟南污水處理項目（一廠及二廠擴 建升級項目）		8.00
8	Ji'nan Waste Water Treatment Project (Plant 1) Expansion	濟南污水處理項目（一廠）擴建		5.00
9	Zibo High-tech Zone Waste Water Treatment Project	淄博韓廟高新區污水處理項目		10.00
10	Zibo Zhoucun Waste Water Treatment Project Phase I	淄博周村污水處理項目一期		4.00
11	Zibo Zhoucun Waste Water Treatment Project Phase I Upgrading	淄博周村污水處理項目一期 提標改造		N/A
12	Binzhou Boxing Waste Water Treatment Project (Phase I)	濱州博興污水處理項目（一期）		3.00
13	Binzhou Boxing Waste Water Treatment Project (Upgrading and Phase II Upgrading and Expansion)	濱州博興污水處理項目（升級改造 及二期升級、擴建項目）		3.00
14	Binzhou Boxing Waste Water Treatment Project (Upgrading and Expansion)	濱州博興污水處理項目（升級改造 及擴建項目）		2.00
15	Ji'nan Licheng Waste Water Treatment Project (Plant 3) Phase I	濟南歷城污水處理項目（三廠）一期		10.00
16	Ji'nan Licheng Waste Water Treatment Project (Plant 3) Phase II	濟南歷城污水處理項目（三廠）二期		10.00
17	Ji'nan Xike Waste Water Treatment Project (Plant 4)	濟南西客污水處理項目（四廠）		3.00
18	Ji'nan Xike Waste Water Treatment Project (Plant 4) Phase II	濟南西客污水處理項目（四廠）二期		7.00
19	Ling County Waste Water Treatment Project (Plant 1)	陵縣污水處理項目（一廠）		3.00
20	Ling County Waste Water Treatment Project (Plant 1) Upgrading	陵縣污水處理項目（一廠）提標改造		N/A
21	Ling County Waste Water Treatment Project (Plant 2)	陵縣污水處理項目（二廠）		3.00
22*	Ling County Waste Water Treatment Project (Plant 2) Upgrading	陵縣污水處理項目（二廠）提標改造		N/A
23	Dezhou Nanyunhe Waste Water Treatment Project Phase I	德州南運河污水處理項目一期		7.50
24	Zhangqiu Waste Water Treatment Project (Plant 3)	章丘污水處理項目（第三廠）		3.00
25	Zhangqiu Waste Water Treatment Project (Plant 1)	章丘污水處理廠項目（第一廠）		5.00

		Daily Waste Water Treatment Capacity 日污水處理規模 (ten thousand m ³) (萬立方米)	
Project	項目		
26 Zhangqiu Waste Water Treatment Project (Plant 2)	章丘污水處理廠項目（第二廠）	4.00	
27 Binzhou Development Zone Waste Water Treatment Project Phase I	濱州開發區污水處理項目一期	4.00	
28* Binzhou Development Zone Waste Water Treatment Project Phase I Upgrading	濱州開發區污水處理項目一期提標改造	N/A	
29 Ju County Shudong Waste Water Treatment Project	莒縣沭東污水處理項目	2.00	
30 Ji'nan Huashan Waste Water Treatment Project	濟南華山水質淨化項目	3.00	
31 Ju County Chengbei Waste Water Treatment Project	莒縣城北污水處理項目	4.00	
32 Ju County Chengbei Waste Water Treatment Project Upgrading	莒縣城北污水處理項目提標改造	N/A	
33 Jiangyin Waste Water Treatment Project	江陰污水處理項目	19.00	
34 Jiangyin Waste Water Treatment Project (Upgrading)	江陰污水處理項目（升級改造）	N/A	
35 Kunshan Development Zone Waste Water Treatment Project Phase I	昆山開發區污水處理項目一期	2.50	
36 Kunshan Development Zone Waste Water Treatment Project Phase II	昆山開發區污水處理項目二期	2.50	
37 Lianyungang Dapu Waste Water Treatment Project	連雲港大浦污水處理項目	10.00	
38 Lianyungang Xugou Waste Water Treatment Project Phase I	連雲港墟溝污水處理項目一期	4.00	
39 Nanjing Pukou Waste Water Treatment Project Phase I	南京浦口區珠江污水處理項目一期	4.00	
40 Nanjing Pukou Waste Water Treatment Project Phase II and Upgrading	南京浦口污水處理項目二期及整體提標	4.00	
41 Nanjing Liuhe Waste Water Treatment Project Phase I	南京六合污水處理項目一期	2.00	
42 Nanjing Liuhe Waste Water Treatment Project Phase I Stage II and Upgrading	南京六合污水處理項目一期二階段及提標	2.00	
43 Suzhou Wuzhong Chengnan Waste Water Treatment Project Phase I Stage I	蘇州吳中城南污水處理項目一期一步	7.50	
44 Suzhou Wuzhong Chengnan Waste Water Treatment Project Phase I Stage II and Upgrading	蘇州吳中城南污水處理項目一期二步及提標改造	7.50	
45 Yangzhou Jiangdu Development Zone Waste Water Treatment Project Phase I	揚州江都開發區污水處理項目一期	1.25	
46 Yangzhou Jiangdu Development Zone Waste Water Treatment Project Phase II and Upgrading	揚州江都開發區污水處理項目二期及提標	1.25	
47 Xinyi City Waste Water Treatment Project	新沂城市污水處理項目	7.00	
48 Xinyi City Waste Water Treatment Project Upgrading	新沂城市污水處理項目提標改造	N/A	
49 Xinyi Economic Development Zone Waste Water Treatment Project Phase I	新沂經濟開發區污水處理項目一期	1.00	
50 Xinyi Economic Development Zone Waste Water Treatment Project Phase II	新沂經濟開發區污水處理項目二期	1.00	

	Project	項目	Daily Waste Water Treatment Capacity 日污水處理規模 (ten thousand m ³) (萬立方米)
51	Nanjing Pukou Industrial Waste Water Treatment Project Phase I	南京浦口區工業污水處理項目一期	1.00
52	Sanmenxia Waste Water Treatment Project Phase I	三門峽污水處理項目一期	3.00
53	Sanmenxia Waste Water Treatment Project Phase I Upgrading	三門峽污水處理項目一期提標改造	N/A
54	Daxing Tiantanghe Waste Water Treatment Project Phase I	大興區天堂河污水處理項目一期	4.00
55	Daxing Tiantanghe Waste Water Treatment Project Phase II and Upgrading	大興區天堂河污水處理項目二期及提標改造	4.00
56	Xianyang Waste Water Treatment Project Phase I	咸陽東郊污水處理項目一期	10.00
57	Xianyang Waste Water Treatment Project Phase I Upgrading	咸陽東郊污水處理項目一期提標改造	N/A
58	Xianyang Waste Water Treatment Project Phase II	咸陽東郊污水處理項目二期	10.00
59	Dalian Quanshui Waste Water Treatment Project	大連市泉水污水處理項目	3.50
60	Dalian Malanhe Waste Water Treatment Project Phase II	大連市馬欄河污水處理項目二期	8.00
61	Dalian Chunliuhe Waste Water Treatment Project Phase II	大連市春柳河污水處理項目二期	12.00
62	Dalian Siergou Waste Water Treatment Project	大連寺兒溝污水處理項目	10.00
63	Lvshun Bailanzi Waste Water Treatment Project Phase I	旅順柏嵐子污水處理項目一期	3.00
64	Lvshun Bailanzi Waste Water Treatment Project Phase II	旅順柏嵐子污水處理項目二期	N/A
65	Lvshun Sanjianpu Waste Water Treatment Project	旅順三澗堡污水處理項目	1.00
66	Pulandian Waste Water Treatment Project Phase I	普蘭店市污水處理項目一期	2.00
67	Zhuanghe Waste Water Treatment Project Phase I	莊河市污水處理項目一期	3.00
68	Panjin 1st Waste Water Treatment Project	盤錦市第一污水處理項目	10.00
69	Panjin 1st Waste Water Treatment Project Upgrading	盤錦市第一污水處理項目提標改造	N/A
70	Anshan West 2nd Waste Water Treatment Project	鞍山市西部第二污水處理項目	10.00
71	Shenyang Hunnan New District Waste Water Treatment Project	瀋陽渾南新區污水處理項目	4.00
72	Dandong Waste Water Treatment Project	丹東市污水處理項目	10.00
73	Pulandian Waste Water Treatment Project Phase I Expansion	普蘭店市污水處理項目一期續建	2.00
74*	Dalian Quanshui Waste Water Treatment Project Upgrading	大連泉水污水處理項目提標改造	N/A
75*	Dalian Chunliuhe Waste Water Treatment Project Phase II Upgrading	大連春柳河污水處理項目二期提標改造	N/A
76*	Lvshun Bailanzi Waste Water Treatment Project Upgrading	旅順柏嵐子污水處理項目提標改造	N/A
77	Inner Mongolia Tongliao Development Zone Waste Water Treatment Project	內蒙古通遼開發區污水處理項目	5.00

* As at 31 December 2018, the project was under trial run.

* 截至2018年12月31日，項目處於試運營階段

Project Completed Construction (Waste Water Treatment)

建成完工項目（污水處理）

		Daily Waste Water Treatment Capacity 日污水處理規模 (ten thousand m ³) (萬立方米)
Project	項目	
1	Dalian Liangjiadian Waste Water Treatment Project Phase I	2.00

Projects under Construction (Waste Water Treatment)

在建項目（污水處理）

		Daily Waste Water Treatment Capacity 日污水處理規模 (ten thousand m ³) (萬立方米)
Project	項目	
1	Ji'nan Waste Water Treatment Project (Plant 1) Phase IV Expansion	10.00
2	Ji'nan Waste Water Treatment Project (Plant 2) Phase III Expansion	10.00
3	Zibo High-tech Zone Waste Water Treatment Project Upgrading	N/A
4	Binzhou Development Zone Waste Water Treatment Project Phase II	2.00
5	Dezhou Ling County Waste Water Pipeline Network PPP Project	N/A
6	Xinyi City Waste Water Treatment Project Phase III	3.00
7	Jiangyin Chengxi Phase III Pipeline Network Pump Station	N/A
8	Pulandian Waste Water Treatment Project Phase II	3.00
9	Suizhou Xihe Town Waste Water Treatment Plant and Ancillary Pipeline Network Project	1.00

Project in Operation (Water Environment Treatment)

投運項目（水環境綜合治理）

Project	項目	Scope of Services 服務範疇
1	Nanjing Municipal Water PPP Project	<p>The treatment, operation and maintenance works relating to river water quality improvement, river dredging, river training, river outfall remediation, river widening, transect restoration, riverbank greening and riverside environment improvement.</p> <p>河流水質改善、河流疏浚、河道及排污口整治、河道拓寬、斷面修整、岸坡綠化、沿河環境提升等治理工程及後續運營維護。</p>

Projects under Construction (Water Environment Treatment)

在建項目（水環境綜合治理）

Project		項目	Scope of Services 服務範圍
1	Zhenjiang Sponge City Construction PPP Project	鎮江海綿城市建設PPP項目	Rainwater pump stations, drainage networks, rainwater storage tanks and the ecological restoration and repair of certain rivers. It also includes waste water treatment projects with a total daily waste water treatment capacity of 200,000 m ³ . 雨水泵站、排澇管道、雨水調蓄池、河流整治工程等，包含日污水處理規模200,000立方米的污水處理項目。
2	Nanning Shuitang River Integrated Restoration PPP Project	南寧水塘江綜合整治工程PPP項目	River training, interception of polluted flow in rivers, river ecological restoration, sponge city construction, environmental landscaping and information management within the planned red line of the Shuitang River area. In addition, the project includes the construction and operation of a waste water treatment plant with a designed daily treatment capacity of 40,000 m ³ . 水塘江規劃紅線範圍內的河道整治工程、河道截污工程、河道生態恢復工程、海綿城市建設工程、環境景觀工程及信息化管理工程等。包含一座規模為40,000立方米/日的污水處理廠的建設及運營。

Projects under Construction (Water Supply)

在建項目（供水）

Project		項目	Daily Water Supply Capacity 日供水規模 (ten thousand m ³) (萬立方米)
1	Ji'nan Zhangqiu Yellow River Water Transfer and Water Resource Replenishment Project	濟南章丘引黃調水補源項目	10.00
2	Ji'nan Zhangqiu Chengdong Industrial Water Supply Project	濟南章丘區城東工業園供水項目	5.00

Projects in Operation (Reusable Water)

投運項目（中水回用）

Project		項目	Daily Reusable Water Supply Capacity 日供中水規模 (ten thousand m ³) (萬立方米)
1	Ji'nan Licheng Reusable Water Project	濟南歷城中水項目	4.20
2	Zibo Reusable Water Project	淄博中水回用項目	1.00
3	Jiangyin Reusable Water Project	江陰中水項目	0.96
4	Nanjing Pukou Reusable Water Project Phase I	南京浦口中水項目一期	2.00

Projects in Operation (Waste Water Source Heat Pump)

投運項目（污水源熱泵）

Project		項目	Service Area 服務範圍 (ten thousand m ²) (萬平方米)
1	Zibo Waste Water Source Heat Pump Project Phase I	淄博污水源熱泵項目一期	12.50
2	Zibo Ceramic Technology Development Park Heat Pump Project	淄博陶瓷園熱泵項目	17.00

Note:

附註：

(1) The lists of projects set out in this section do not include projects which were in the preparatory stage as at 31 December 2018.

(1) 本小節所載的項目列表未包含截至二零一八年十二月三十一日處於籌備階段的項目。

04

With green operation concept and
green operation model, we gained both

ECONOMIC AND ENVIRONMENTAL BENEFITS

貫穿綠色經營理念，採取綠色經營模式，
達到經濟與環境效益雙豐收



Sustainable Corporate Governance

Everbright Water is devoted to maintaining high standards of corporate governance, and firmly believes that well-structured corporate governance plays a pivotal role in shaping sustainable development of the Group and safeguarding the long-term interests of its stakeholders. Throughout the business development process, the Group's governance policy strictly follows the guidelines of the Code of Corporate Governance, which is part of the continuing obligations under the Listing Manual of the SGX, as well as the guidelines of the Corporate Governance Code and Corporate Governance Report under Appendix 14 of the Listing Rules of the HKEX. Through establishing policies, strengthening internal controls and risks prevention and management, and making timely, transparent and comprehensive information disclosure, the Group enhances its value, transparency and accountability.



ESHS Management System

With the aim of aligning system requirements and operational practices, improving the whole environmental and social management process, as well as ensuring that the Group is responsible for the health and safety of its products or services, the Group implemented the Environmental, Safety, Health and Social Responsibility ("ESHS") Management System ("ESHS Management System") in 2016. The system comprises management standards to provide procedural guidelines on issues identification, auditing, incident investigation and reporting, work injury treatment and contractor ESHS management. Implementation of the system not only promotes sustainable development within the Group, but also extends its safety culture and policies to the supply chain. During the Reporting Period, the Group continued to enhance the implementation of the ESHS Management System across the Group, standardising the management of all aspects throughout project investment, construction and operation, so as to optimise the overall operational efficiency and effectiveness. The Privacy Policy of the Group sets out the scope, standards, and procedures for employees and suppliers to handle customer information in a secured manner. The Group also requires all parties to respect intellectual property rights by outlining the clauses in the policy.

可持續的企業管治

光大水務致力維持高水準的企業管治，並堅信優良的企業管治對本集團的可持續發展和保障各持份者的長遠利益扮演著舉足輕重的角色。在業務發展過程中，本集團的管治政策嚴格遵循《公司治理守則》（其作為新交所上市手冊規定的持續義務的組成部分）及聯交所上市規則附錄十四所載的《企業管治守則》及《企業管治報告》中所載的指引。本集團通過制定規章制度、強化內部控制及風險防範與管理，以及適時、公開及全面的信息披露，提升其價值、透明度及問責制。

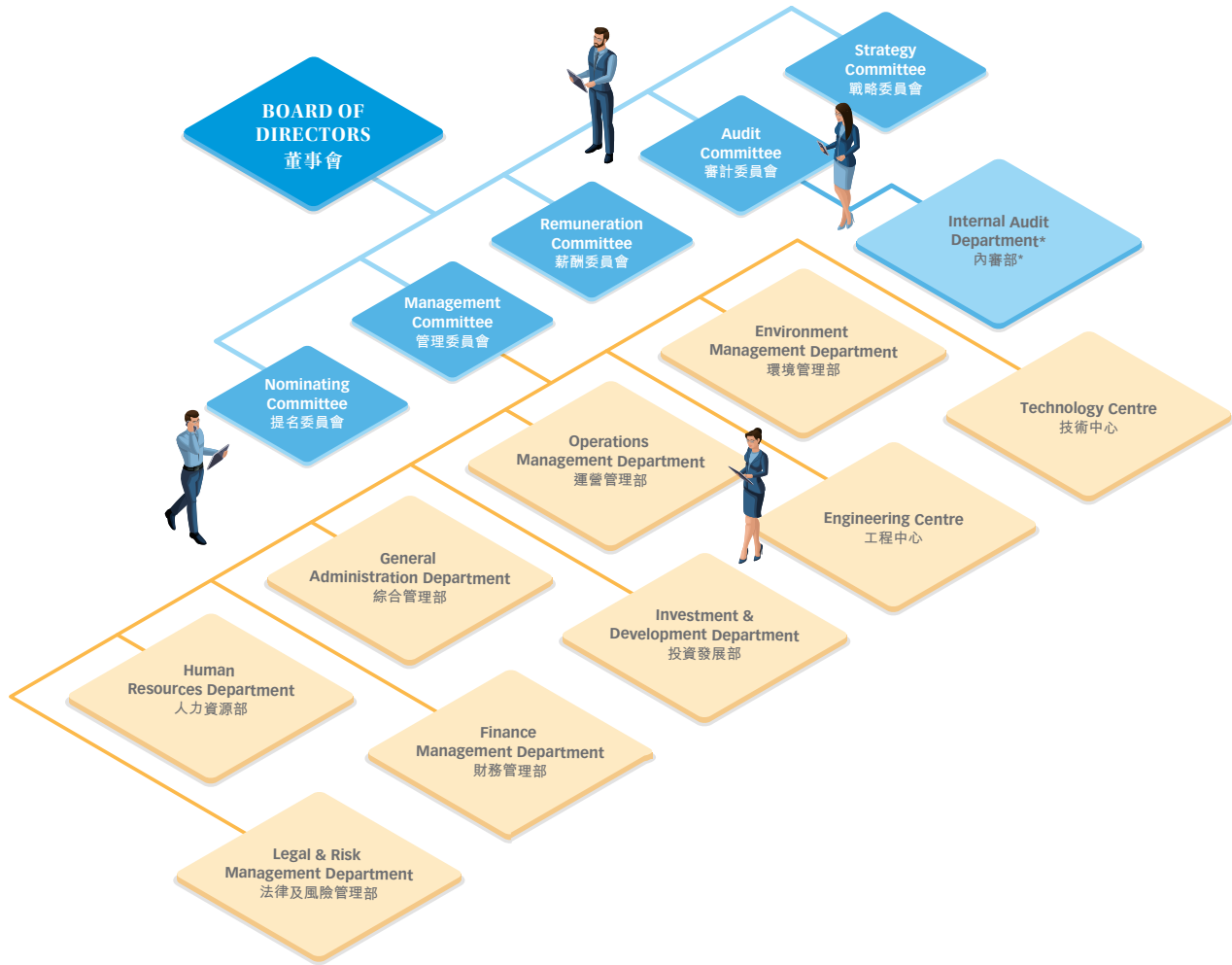


ESHS管理體系

為進一步加強制度要求和運營實踐的有效結合，完善環境與社會管理過程，確保本集團承擔產品或服務的健康安全責任，本集團於二零一六年全面實施環境、安全、健康及社會責任（「ESHS」）管理體系（「ESHS管理體系」）。該體系包括議題識別、審核、事故調查及匯報、工傷處理及承包商ESHS管理等方面的程序指引和管理標準，不僅促進本集團內部的可持續發展，更將安全文化和政策延伸到本集團的供應鏈中。報告期內，本集團繼續推動ESHS管理體系在全集團內的實施，實現項目投資、建設及運營過程中各環節的規範化管理，促進整體運行效率和效益的提升。本集團的《私隱政策》清楚列明員工及供應商在處理客戶私隱及資料時的範圍、標準及程序以確保客戶的資料受到保護。此外，該政策亦包含了防止侵犯版權的條款，務求各方尊重知識產權。

Governance Structure

管治架構



* The Internal Audit Department reports administratively to the Management Committee, but its primary line of reporting is to the Audit Committee directly.

* 內審部在行政職能上向管理委員會匯報，其主要的業務職能直接向審計委員會匯報。

The Board

As the highest governance body within the Group, the Board provides leadership and supervision to the management of the Group and is responsible for decision-making on significant social issues. The Board strictly follows the recommendation by the relevant Code of Corporate Governance that the Chairman and the CEO should be separate persons to ensure that there is an appropriate balance of power and authority within the Group. Mr. Wang Tianyi, the non-executive director and chairman of the Board ("Chairman") and Mr. An Xuesong, the executive director and chief executive officer ("CEO") are not related to each other.

董事會

董事會作為本集團的最高管治單位，領導和監督本集團的管理層，並對社會責任重大事項作出決策。董事會緊守有關公司治理守則中的建議，即董事長和總裁應由不同的人員擔任，以確保本集團內部在權力和授權方面達到適當平衡。本集團的非執行董事兼董事長王天義先生及執行董事兼總裁安雪松先生，彼此沒有關聯關係。

The key responsibilities of the Board include reviewing and approving corporate strategies, financial objectives and development directions of the Group; establishing goals for the management and monitoring the achievement of these goals; reviewing the internal controls, risk management, financial performance and reporting compliance; and assuming responsibility for corporate governance, etc.

The Board organises meetings at least on a quarterly basis. Whenever required, ad-hoc meetings addressing any specific significant issues are held. At meetings of the Board, the directors are free to discuss and openly express opinions on views presented by the management and other directors. The directors are also obliged to act in good faith and consider the interests of the Group at all time.

To better execute its responsibilities and enhance governance efficiency, the Board has delegated specific functions to 5 committees, namely, Management Committee, Audit Committee, Nominating Committee, Remuneration Committee and Strategy Committee. These committees operate within their own functions and operating procedures, which are reviewed regularly. Each of these committees reports to the Board on a regular basis and its chairman also attends the annual general meetings to answers question about the committee's work.

Management Committee

The Management Committee currently comprises 2 executive directors and 7 senior management members. The Management Committee is chaired by the CEO. The Management Committee is responsible for the management of daily business operation, formulating and implementing annual work tasks and medium-term development plan of the Group, etc. The Management Committee is the decision-making authority for the day-to-day operations, management and personnel matters, and is also responsible for the decision-making and management of significant social topics in relation to the Group. The Operations Management Department and the Environment Management Department report directly to the Management Committee.

董事會的主要職能包括審核和批准本集團的企業戰略、財務目標和發展方向；為管理層設定目標，並監督目標的實現；審查內部控制、風險管理、財務業績和報告的合規性；及承擔企業管治的責任等。

董事會每個季度至少召開一次會議。如有需要，董事會也可就重大議題隨時召開特別會議。董事在董事會會議上可自由發言，對管理層和其他董事的意見公開發表自己的看法。董事們誠信行事並隨時考慮本集團的利益。

為更好地履行職責，提升管治效率，董事會下設五個委員會，包括管理委員會、審計委員會、提名委員會、薪酬委員會及戰略委員會。各委員均肩負專門職能，擁有其運程序，該等職能和程序接受定期審查；各委員會定期向董事會報告工作，其主席也出席股東週年大會，回答有關委員會工作的問題。

管理委員會

管理委員會的成員現時包括兩位執行董事和七位高級管理人員，委員會主席由總裁擔任。管理委員會主要負責日常業務運營管理職務，制定並實施本集團年度工作目標及中期發展規劃等，為本集團日常業務活動的決策機構，對於日常經營、管理、人事等重大事項進行集體決策。管理委員會還負責決策與管理與本集團社會責任相關的重大議題，並直接管理運營管理部及環境管理部。

Audit Committee

The Audit Committee currently comprises 4 independent non-executive directors and is chaired by an independent non-executive director. The major responsibilities of the Audit Committee include reviewing the significant financial reporting issues and judgements so as to ensure the integrity of the financial statements of the Group and any announcements relating to the Group's financial performance; reviewing and reporting to the Board the adequacy and effectiveness of the Group's internal controls, comprising financial, operational, compliance and information technology controls; reviewing the effectiveness of the Group's internal audit function; reviewing the scope and results of the external audit, and the independence and objectivity of the external auditors; and making recommendations to the Board on the proposals to the shareholders on the appointment, re-appointment and removal of the external auditors, and approving the remuneration and terms of engagement of the external auditors.

An email address and special telephone number are established to provide employees a proper whistle blowing channel to contact the chairman of the Audit Committee directly. Employees can report any misconduct, malpractice and irregularities in relation to the Group on anonymous basis. All concerns or irregularities raised will be treated with confidence and all efforts will be made to ensure that impartial and independent investigation is carried out and appropriate follow-up action is taken.

Nominating Committee

The Nominating Committee currently comprises 2 independent non-executive directors and 1 non-executive director. The Nominating Committee is chaired by an independent non-executive director. The key responsibilities of the Nominating Committee include implementing a formal, transparent and objective procedure for appointing Board members, evaluating performance of Board members and Board Committees and assessing the overall performance of the Board.

審計委員會

審計委員會現時由四名獨立非執行董事組成，委員會主席由獨立非執行董事擔任。審計委員會的主要職責包括審閱重大的財務報告問題和結論，以確保本集團的財務報表以及與本集團財務業績有關的任何公告都健全完整；審閱並向董事會報告本集團在財務、運營、合規和資訊技術控制等方面的內部控制的充分性和有效性；審閱本集團內部審計職能的有效性；審閱外部審計的範圍和結果，以及外部審計的獨立性和客觀性；以及向董事會推薦提交股東大會審議的關於外部審計師的聘任、續聘和罷免的議案，批准外部審計師的薪酬和聘任條款。

本集團設立了接收舉報的電子郵箱和專線電話，旨在提供正式舉報渠道，讓員工可以直接聯繫審計委員會主席，在保密情況下舉報與本集團有關的任何不當、失職及違規行為。所提出的所有關注事項或違規行為都將被視為保密資訊，本集團將確保妥善安排公平獨立的調查並作出適當跟進。

提名委員會

提名委員會現時由兩名獨立非執行董事和一名非執行董事組成，委員會主席由獨立非執行董事擔任。提名委員會的主要職責包括履行正式、透明及客觀的程序委任董事會成員、評估各董事會成員和董事會專門委員會的表現及評估董事會的綜合表現。

Remuneration Committee

The Remuneration Committee currently comprises 3 independent non-executive directors and 1 non-executive director. The Remuneration Committee is chaired by an independent non-executive director. The Remuneration Committee is primarily responsible for implementing a formal, transparent and objective procedure for fixing the remuneration packages of individual directors and key executives, and to ensure that the level and structure of their remuneration is aligned with long-term interest and risk policies of the Group and should be appropriate to attract, retain and motivate (1) the directors to provide good stewardship of the Group; and (2) key executives to successfully manage the Group.

薪酬委員會

薪酬委員會現時由三名獨立非執行董事和一名非執行董事組成，委員會主席由獨立非執行董事擔任。薪酬委員會的主要職責包括透過正式、公開及客觀的程序，釐定每名董事和主要管理人員的薪酬待遇，以及確保薪酬水平與本集團的長期利益和風險政策一致，並能夠恰當地吸引、挽留及激勵：(一)董事為本集團提供良好的管治服務；及(二)主要管理人員成功管理本集團。

Indicators	指標	2018 二零一八年
Total remuneration of the highest-paid individual (HK\$)	最高薪人士的薪酬總額 (港幣元)	3,957,400
The median of the total remuneration of all employees (excluding the highest-paid individual) (HK\$)	員工 (不包括最高薪人士) 薪酬總額的中位數 (港幣元)	76,258
The ratio of the total remuneration of the highest-paid individual to the median of the total remuneration of all employees (excluding the highest-paid individual)	最高薪人士的薪酬總額與全體員工 (不包括最高薪人士) 薪酬總額的中位數的比例	51.89
Ratio of the annual percentage increase in total remuneration of the highest-paid individual to the median percentage increase in annual total remuneration of all employees (excluding the highest-paid individual)	最高薪人士薪酬總額的年度百分比增長與全體員工 (不包括最高薪人士) 薪酬總額中位數的年度百分比增長的比例	6.41

Details regarding remuneration determination and the remuneration of each individual director are set out in the "Corporate Governance Report" contained in the Annual Report 2018.

有關薪酬釐定的詳情及各董事的薪酬資料，可參閱二零一八年度報告中的「公司治理報告」章節。

Strategy Committee

The Strategy Committee currently comprises 1 non-executive director (the Chairman), 2 executive directors and 1 independent non-executive director. The Strategy Committee is chaired by the Chairman. The Strategy Committee is primarily responsible for assisting the Board in providing strategic direction to the Group; overseeing the implementation of such strategies; reviewing the medium-term and long-term strategic objectives proposed by the management and overseeing management's performance in relation to such strategies; considering sustainability issues in formulating strategies and overseeing the monitoring and management of the ESG factors that are material to the business of the Group.

戰略委員會

戰略委員會現時由一名非執行董事 (董事長)、兩名執行董事和一名獨立非執行董事組成，委員會主席由董事長擔任。戰略委員會的主要職責包括協助董事會制定本集團的戰略方向，監督本集團的戰略發展計劃和落實；審閱管理層提議的中期和長期戰略目標，監督管理層與該戰略相關的表現；在制定戰略時考慮可持續發展議題，監督對本集團業務有重大影響的環境、社會和管治因素的實行和管理。

In addition to the support from specialised departments, the Group also invites external consultants to provide regular trainings and latest information on trending issues (e.g. regulatory updates, economic, environmental and social issues, etc.) to the Board members, with a view to continuously improve the directors' skills in providing leadership over task, relating to sustainable development. The Board also reviews the issues on the Group's sustainable development regularly and considers and approves the sustainability report.

For other information related to the Group's corporate governance and the Board, including the detailed information of Board members, performance assessment system, election, etc., please refer to the Annual Report 2018 or the corporate website at www.ebwater.com.

Supply Chain Management

As a leading integrated water environment management enterprise in China, Everbright Water has established good partnership with its suppliers and maintained cooperation in a fair and open manner. The Group is always committed to supporting and promoting the local economic development at all provinces in China. Therefore, when the Group develops business across the country, preference is given to the suppliers in the same province. In 2018, the Group engaged a total of 574 suppliers, all of which were located in Mainland China. The principal services provided by these suppliers include equipment fitting, construction and installation and 71.95% of the suppliers provided services to the project companies located within the same province. In addition, the Group outsourced services, such as: environmental monitoring, equipment maintenance, cleaning, security and greenery, involving 4,342 workers.



除了得到各職能部門之輔助外，為持續提升董事們在領導可持續發展工作方面的能力，本集團定期邀請外部顧問為董事提供熱門課題（如最新法規、經濟、環境、社會事務等）的培訓及資料。董事會還定期檢視本集團的可持續發展議題，並審閱及審批年度可持續發展報告。

有關本集團的企業管治和董事會的其他信息，包括董事會成員的詳細資料、績效評估機制、選任等，請參閱二零一八年度報告，亦可透過公司網站www.ebwater.com線上瀏覽。

供應鏈管理

作為中國水環境綜合治理行業的領先者，光大水務與供應商建立了良好夥伴關係，以公平、開放的方式與各供應商合作。本集團一向以扶持及促進中國各省份的經濟發展為己任，因此於全國各地發展業務時，會優先選用位於相同省份的供應商合作。於二零一八年，本集團建立合作關係的供應商共有574家，均位於中國大陸，主要服務包括設備配置、建安工程，其中為相同省份的項目公司提供服務的供應商數目佔整體的71.95%。此外，本集團的外判服務包括環境監測、設備維修、清潔、保安和綠化等，共涉及4,342名外判工人。



Number of Outsourced Service Workers in 2018

二零一八年外判服務工人數目



Note:

(1) Excluding outsourced service workers employed in office operations.

附註：

(1) 不包括辦公室運營聘用的外判服務工人。

As a socially responsible enterprise, the Group is obliged to exert a positive influence on its supply chain. To identify and reduce the sustainability risk in the supply chain, Everbright Water formulated and implemented a series of supplier management guidelines and integrated environmental and social management into each process of the supply chain. Among the guidelines, Contractors ESHS Management Measures requires reviewing the company background, qualifications, construction operations and environmental performance of the Group's contractors, in order to identify and control the relevant environmental, social and safety risks derived from the contracted work process. Contractors are required to fill out the Contractors ESHS Questionnaire to provide relevant ESHS information to assist the Group in compiling a list of approved contractors and to ensure that suppliers and contractors comply with the rules and regulations related to environmental and social management, as well as national and local regulations. The information required to be submitted includes whether the contractor has international management system certificates such as ISO14001, conducts ESHS trainings and assessment and provides employees with appropriate protection equipment, etc.

In addition, the Group conducts continuous evaluation on the suppliers' professional proficiency, financial status and compliance records in accordance with the Supplier Management Measures, and categorises suppliers into four grades from A to D. Business relationship may be terminated if the suppliers with the lowest grade fail to provide evidence that they are capable of fulfilling the requirements of the Group. Furthermore, the Group further leads its business partners to enhance their sustainability performance through policies and guidelines, including Tender Management Measures, Management Measures for Appraisal Expert Database of Project Construction Procurement, and the Code of Conduct for Suppliers.

作為具有高度社會責任的企業，本集團有義務對其供應鏈發揮正面影響。為了識別及降低供應鏈中的可持續發展風險，光大水務特別制定並落實了一系列供應商管理準則，將環境與社會管理落實到供應鏈的各個流程。其中，《承包商ESHS管理標準》旨在透過審視承包商各方面的情況，包括公司背景、資質、施工作業及環保表現等，識別和控制工作外包過程中產生的與環境、社會和安全相關的風險。承包商需要填寫「承包商ESHS問卷調查表」，提供相關的ESHS資料以協助本集團制定達標承包商名單，並確保供應商和承包商遵守環境和社會責任的管理條例和法規，以及國家和地方政府的規定。要求提交的資訊包括承包商是否擁有ISO14001等國際管理標準認證，是否進行ESHS培訓與考核、以及是否為員工提供適當的保護裝備等等。

此外，本集團依循《供應商管理辦法》，對供應商的專業水平、財務狀況及合規記錄等進行持續評估，並將供應商劃分為A至D四個等級，最低等級的供應商若未能證明能夠達到本集團的要求，本集團可以中止與其合作。除此以外，本集團的《招標管理辦法》、《工程建設採購評審專家庫管理辦法》及《供應商行為準則》等政策及指引進一步引領業務夥伴提升其可持續發展表現。

Code of Conduct for Suppliers

The Group's Code of Conduct for Suppliers systematically regulates suppliers' economic, environmental and social behaviours in an effort to enhance the sustainability performance of the supply chain. The Code of Conduct for Suppliers also encourages the Group's suppliers to treat their suppliers with the same standards to enhance the sustainability of the supply chain as a whole. All suppliers shall comply with the Code of Conduct for Suppliers during their course of business with the Group or participation in any events related to the Group.

供應商行為準則

本集團的《供應商行為準則》以系統性的方式規範供應商在經濟、環境及社會領域的行為，旨在提高供應鏈的可持續發展表現。《供應商行為準則》更鼓勵本集團的供應商以相同的標準對待他們的供應商，提升整體供應鏈的可持續性。所有供應商在與本集團進行業務來往或參與任何與本集團有關的活動時都應遵守此準則。

Economic

The Group requires its suppliers to carry out business from an ethical standpoint and operate with integrity and honesty. Suppliers are also obliged to comply with local and international laws and regulations.

經濟

本集團規定供應商開展業務時應擁有道德立場，以誠信務實的態度進行經營，並遵守當地和國際的法律法規。

Environmental

The Group requires its suppliers to reduce the negative impacts to the environment during its operation and strengthen environmental monitoring of environment issues.

環境

本集團要求供應商在運營中盡量減少對環境的負面影響，加大監控力度，重視環境問題。

Social

The Group requires its suppliers to comply with relevant labour policies and legislation, which include avoiding any slavery, forced and bonded labour, child labour and abusive employment practices. Suppliers are also obliged to safeguard human rights of the employees and take due considerations of public welfare.

社會

本集團期望供應商遵守相關勞工政策和法規，包括避免任何奴役、強迫勞動、抵押勞工、使用童工及虐待行為等，保護員工基本人權，並考慮公眾社會的福利。

Management System

Suppliers are encouraged to have an appropriate supplier management system to promote sustainability of their sub-contractors.

管理制度

本集團鼓勵供應商制定適當的供應商管理體系，以促進其分包商的可持續發展。

Supplier Risk Assessment

To further enhance supply chain sustainability and understand the ESHS performance of various types of suppliers, the Group has commissioned an independent consultant to carry out a supplier risk assessment for its suppliers. Business natures of suppliers comprise electrical equipment, pumping equipment, water treatment equipment, etc. The scope of the assessment mainly includes the qualification of suppliers' production, operation and safety, as well as management systems relating to quality, environment and society, etc.

Results of this risk assessment demonstrates that the Group's effort in guiding and facilitating ESHS performance of suppliers are bearing fruits. All assessed suppliers were not involved in any ongoing commercial litigation and were not prosecuted or fined by the relevant authorities on environmental and social issues. 69% of the surveyed suppliers have established occupational health and safety policies, with relevant trainings provided to the employees.

In order to manage suppliers more effectively, the Group used the assessment results as a reference and classified suppliers' risks into three levels: low, medium and high. For suppliers with relatively higher risks, the Group took a step further to understand their situation, provided suggestions to improve their sustainability management, and ensured that the risks had been effectively controlled. In this assessment, 75% of the surveyed suppliers were low risk, the rest were medium risk, and no supplier fell into the high risk category. In the future, the Group will facilitate the sustainable development of supply chain through continuously monitoring the suppliers' performance and maintaining a close communication with each other.

供應商風險評估

為進一步提升供應鏈的可持續發展，了解各類型供應商於ESHS方面的表現，本集團委任獨立顧問為其供應商進行風險評估。供應商的業務涵蓋了電力設備、泵類設備、水處理設備等。評估的範圍主要包括供應商的生產、運營及安全資質，以及在質量、環境和社會方面的管理體系等。

本次風險評估的結果體現了本集團為引導和規範供應商ESHS表現所作的努力已逐漸取得成效。被評估的所有供應商均未涉及正在進行之商業訴訟，且未被有關部門就環境和社會問題作出檢控或罰款。69%的受訪供應商已制定職業健康與安全政策，並為員工提供了相關培訓。

為了更有效地管理供應商，本集團以評估結果為參考，將供應商的風險分為低、中、高三個等級。針對較高風險的供應商，本集團會進一步了解情況，並提出建議以協助其改善可持續發展管理，確保其風險可被有效控制。在本次評估中，75%的受訪供應商屬於低風險，其餘均屬於中風險，並沒有供應商被歸為高風險類別。本集團未來會持續監督供應商的表現，保持雙方緊密溝通，促進供應鏈的可持續發展。

05

We respect stakeholders' opinions and
**MAKE ACCOMPLISHMENTS
HAND IN HAND**

尊重持份者觀點，攜手共創輝煌





Stakeholder engagement is an indispensable part of the Group's sustainable development strategy. In the past year, the Group maintained constant interaction and close communication with stakeholders through various communication channels, to gain insights into how its business affects different stakeholders. Through collecting valuable suggestions and expectations from the stakeholders in relation to the Group's sustainable development, the Group pinpoints areas for improvement on business policies and project operations, and identifies issues that have significant impacts on its sustainable development, hence allowing the Group to formulate long-term development strategies.

持份者參與是本集團可持續發展戰略中不可或缺的一環。本集團於過去一年透過各類溝通渠道，與持份者進行持續互動並保持緊密溝通，以深入了解本集團業務對不同持份者的影響。透過收集他們對本集團可持續發展的寶貴意見和期望，本集團得以了解在商業政策和項目運營上需要改進的地方，並識別對本集團可持續發展有重大影響的事項，從而制定長期的發展戰略。



Responsibility 責任

Stakeholders linked to us through legal, financial, operational regulations, contracts, and/or policies 通過法律、財務、運營規則、合約及／或政策與我們聯繫的持份者

Influence Power 影響力

Stakeholders with formal decision-making power or informal influence on us 對我們具有正式決策權或非正式影響力的持份者

Proximity 鄰近性

Stakeholders who live close to our operating plants and that we interact closely with 居於我們運營廠房附近及與我們的日常運作關係密切的持份者

Dependency 倚靠性

Stakeholders who are most dependent on our business operations 在很大程度上倚靠我們業務運營的持份者

Representation 代表性

Stakeholders who are representatives from the most relevant sectors 來自與我們聯繫最緊密的業界代表的持份者



Close Communication with Stakeholders

The Group invites stakeholders on a regular basis, throughout the whole project life cycle, from the planning stage to the operation stage, to express their views on issues that are relevant to the Group's operational and environmental performance, thus identifying priority issues within all its operations and the associated concerns pertinent to sustainability.

與持份者密切溝通

本集團在項目的全生命週期中（從初始的規劃階段及至運營階段）均定期邀請持份者對本集團運營和環保表現發表意見，以識別運營中的優先議題及相關的可持續性顧慮。

Stakeholder Groups 持份者組別	Channels of Engagement or Communication 參與或溝通途徑	Frequency or Time of Engagement 頻率或時間
Investors/shareholders 投資者、股東	Annual/special general meeting 周年／特別股東大會 Press release/announcement/circular 新聞稿／公告／通函 Results presentation 業績公佈 Interim/annual report 中期／年度報告 Roadshow 路演 Meeting/teleconference 會議／電話會議	Annual/as needed 每年／根據需要 Regularly/as needed 定期／根據需要 Quarterly 季度 Semi-annual/annual 半年／每年 Regularly/as needed 定期／根據需要 Regularly/as needed/upon request 定期／根據需要／根據需求
Employees 員工	Work meeting/project meeting 工作會議／專題會議 Interim/year-end performance assessment meeting 年中／年末表現評估會議 Everbright publications 光大刊物 Charity 公益活動 Face-to-face meeting 當面會談 Email 電郵聯繫 Phone meeting 電話會議	Regularly 定期 Interim/year-end 年中／年末 Monthly 每月 As needed 根據需要 As requested by employees 根據員工需要 Regularly/as needed 定期／根據需要 As requested 根據員工需要
Customers 客戶	Meeting 會議 Phone or email 電話或電郵聯繫	As needed 根據需要 As needed 根據需要
Government 政府	Progress report 進度報告 Site visit 現場考察 Meeting 會議 WeChat and QQ 微信及QQ Phone or email 電話或電郵聯繫	Weekly/monthly/quarterly 每週／月／季度 Weekly/monthly/quarterly 每週／月／季度 Weekly/monthly/quarterly 每週／月／季度 As needed 根據需要 Weekly/monthly/quarterly 每週／月／季度



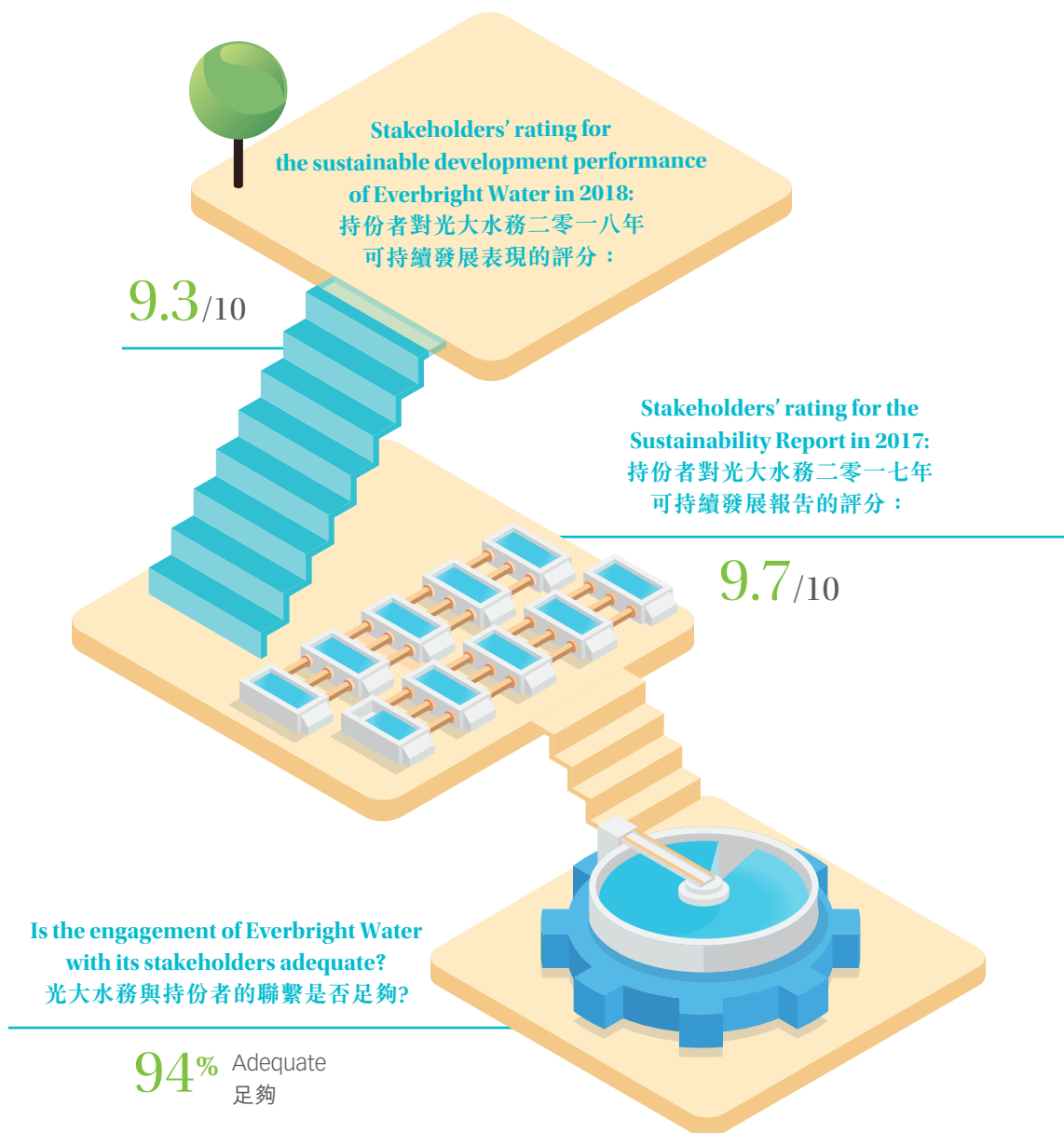
Stakeholder Groups 持份者組別	Channels of Engagement or Communication 參與或溝通途徑	Frequency or Time of Engagement 頻率或時間
Business partners/suppliers 業務夥伴／供應商	Procurement tender meeting 採購招標會 Phone interview 電話回訪 Questionnaire 調查問卷 WeChat and QQ 微信及QQ	Every tender event 每次招標活動 As needed 根據需要 Ad hoc 不定期 As needed 根據需要
Local communities 當地社區	Project visit/site visit 項目參觀／現場考察 Survey 意見調查 Public hearing 公聽會 Charity 公益活動	Before construction/public open day on the first weekend of every month/upon request 工程施工前／每月第一個週末之公眾開放日／根據需求 Before construction/as needed 工程施工前／根據需要 Before construction/as needed 工程施工前／根據需要 As needed 根據需要
Media 媒體	Project visit/site visit 項目參觀／現場考察 Press release/announcement 新聞稿／公告 Results presentation 業績公佈 Management interview 管理層採訪	As needed/upon request 根據需要／根據需求 Regularly/as needed 定期／根據需要 Release on the Group's website quarterly 每季度於本集團網站發佈 Regularly/as needed/upon request 定期／根據需要／根據需求
Investment analysts 投資分析員	Project visit/site visit 項目參觀／現場考察 Meeting 會議 Press release/announcement 新聞稿／公告 Results presentation 業績公佈 Interim/annual report 中期／年度報告	As needed/upon request 根據需要／根據需求 Quarterly/as needed 季度／根據需要 Regularly/as needed 定期／根據需要 Quarterly 季度 Semi-annual/annual 半年／每年
Non-governmental organisations (NGOs) 非政府組織	Charity 公益活動 Site visit 現場考察 Meeting 會議	As needed 根據需要 Regularly/as needed 定期／根據需要 As needed 根據需要

Voices of Stakeholders

As a measure to understand the stakeholders' suggestion and expectation on the Group's sustainable development, and to identify the sustainability topics that are of most interest or concern to the stakeholders, Everbright Water engaged an independent sustainability consultant to conduct an annual stakeholder engagement survey with impartiality and accountability. The key findings of the survey are summarised as follows:

持份者聲音

光大水務委聘獨立可持續發展顧問就本報告進行年度持份者問卷調查，以公正負責的態度深入了解來自不同界別的持份者對本集團可持續發展的意見及期望，並識別各持份者最關注的可持續發展議題。調查的主要結果總結如下：



Opinions and Responses from the Stakeholders

持份者意見和回應



"Everbright Water provides good and professional waste water treatment service that continuously meets relevant standards, thus improving the local environment."

「光大水務業務專業，服務良好，能夠穩定達標處理污水，改善了當地環境。」

Local Villager

當地村民



"Leverage on the opportunities arising from the 'Belt and Road' initiative to promote environmental development in Central and Western China."

「借助「一帶一路」契機，強化中國中西部地區環保發展力度」

Government

政府



“The Group maintains adequate and positive communication with its employees through various means such as internal trainings, regular meetings and opinion exchange, which effectively facilitate the overall management of the Group.”

「通過內部各種培訓、定期會議、交流學習等方式，本集團與員工維持充分、正面的溝通，有效推進了本集團的整體管理」

Employee

員工

Materiality Assessment

To ensure that the sustainability topics identified truly reflect the impacts resulted from the Group's business operation and the findings obtained through stakeholder engagement, the Group conducts an annual materiality assessment with the assistance of independent consultant, as well as comprehensively reviews and revises the list of relevant sustainability issues.

進行實質性分析

為確保識別出的可持續發展議題能夠真實反映本集團業務運營所產生的影響以及持份者參與獲得的結果，本集團每年透過獨立顧問進行實質性評估，並全面檢視及修訂本集團的相關可持續發展議題列表。

The major steps of the Group's materiality assessment in this year are summarised as follows:

本集團的本年度實質性評估的主要步驟總結如下：

Stage
第一階段

1

Identification of Sustainability Topics Most Relevant to Everbright Water
識別與光大水務最相關的可持續發展議題

Everbright Water engaged an independent sustainability consultant to identify and review more than 30 sustainability topics that are most relevant to the Group, in terms of economy, environment, labour, human right and other social issues (refer to **List of Sustainability Issues**). These topics were determined from extensive sources of information, including the disclosure of GRI Standards, challenges and opportunities encountered by the Group in achieving SDGs, opinions from the stakeholders, suggestions of the Board and the management personnel, internal publications and media information analysis, etc. This was to ensure that the identified issues truly reflect the business nature of the Group and the findings of past stakeholders engagement.

光大水務委聘獨立可持續發展顧問全面識別及檢視超過三十項與本集團業務最密切的可持續發展議題，涵蓋經濟、環境、勞工、人權及其他社會事項（見「**可持續發展議題列表**」）。這些議題乃透過廣泛來源所得，包括GRI準則、本集團在實現SDGs上的挑戰和機遇、持份者參與意見、董事會及管理層建議、內部刊物及媒體信息分析等，以確保識別出來的議題充分反映本集團的業務性質及以往與持份者溝通的結果。

Stage
第二階段

2

Prioritisation of Material Topics, Establishment of Materiality Matrix
排序實質性議題，繪製實質性矩陣

The Group's independent sustainability consultant carried out a stakeholder survey to obtain the views from nine stakeholder groups on the priority of the material topics identified in Stage 1. The findings were then analysed quantitatively by the consultant as a materiality matrix based on two parameters: perceived importance to the stakeholders and significance to Everbright Water. The top 10 prioritised material topics perceived with the highest importance to stakeholders and the Group are the disclosure focus of the Report.

本集團的獨立可持續發展顧問對九個重點持份者組別進行持份者參與調查，依據調查結果為第一階段識別到的可持續發展議題作優先排序。顧問隨即根據持份者對議題的取向和議題對光大水務的重要性這兩個參數，對這些議題的實質性作量化分析，並將分析結果以矩陣形式表達。首十個對持份者和本集團而言最為重要的議題即為本年度最重大的實質性議題，將於本報告重點披露。

Stage 第三階段



Verification of Material Topics and Data Analysis

驗證實質性議題及數據分析

The top 10 prioritised material topics and boundaries were verified by the Board to ensure the rationality, balance and completeness of the Report. Subsequently, the Group's independent sustainability consultant reframed the material topics into GRI Standards for reporting purpose. The established systematic data collection and monitoring mechanisms managed by the specialist in the Group's Operations Management Department ensure that all project companies provide accurate sustainability data for comprehensive disclosures on a regular basis.

董事會對這十個經優先排序的實質性議題及其邊界作驗證，以確保本報告的合理性、平衡性及完整性。隨後，本集團的獨立可持續發展顧問將實質性議題轉換為GRI準則，方便報告之用。本集團運營管理部的專員透過系統式的數據收集和監測機制，確保所有項目公司定期提供準確、全面的可持續發展數據。

Stage 第四階段



Materiality Review

檢視實質性

Prior to the preparation of the Report, the Group reviewed the material topics and disclosure workflow of past reports and collected stakeholders' opinions on Everbright Water's sustainability performance in 2018. The materiality review engages stakeholders in the sustainable development management and disclosure process comprehensively, and is beneficial to the Group in accomplishing long-term sustainable development targets.

在準備本報告之前，本集團對過往報告的實質性議題和披露工作進行了回顧及檢視，並通過持份者參與收集持份者對光大水務於二零一八年可持續發展表現的意見。實質性檢視有助持份者更全面地參與可持續發展的管理和披露過程，同時有利於本集團踐行長遠的可持續發展目標。



List of Sustainability Issues 可持續發展議題列表

Economic 經濟	Environmental 環境	Social 社會
<ul style="list-style-type: none"> Economic Performance 經濟績效 Market Presence 市場地位 Indirect Economic Impacts 間接經濟影響 Procurement Practice 採購行為 Research and Development 研究與開發 Anti-corruption 反貪腐 Anti-competitive Behaviour 反競爭行為 	<ul style="list-style-type: none"> Materials and Resources Usage 物資及資源使用 Energy Efficiency 能源效益 Water Resources Consumption 水資源消耗 Greenhouse Gas Management and Climate Change Mitigation 溫室氣體管理及氣候變化減緩 Waste Water and Waste Management 污水及廢棄物處理 Biodiversity 生物多樣性 Environmental Compliance 環保合規 Suppliers' Environmental Assessment 供應商環境評估 Construction Management 施工管理 	<ul style="list-style-type: none"> Employee Welfare 員工福利 Occupational Health and Safety 職業健康與安全 Training and Education 培訓及教育 Diversity and Equal Opportunity 多元化及平等機會 Anti-discrimination 非歧視 Internal Communication 內部溝通 Social Assessment of Suppliers 供應商社會評估 Rights of Indigenous Peoples 原住民權利 Human Rights Assessment 人權評估 Child Labour and Forced Labour 童工或強制勞動 Participation of Local Community 當地社區參與 Social Compliance 社會合規 Customer Privacy 客戶私隱 Disaster and Emergency Planning and Response 災難及應急預案規劃 Customers' Health and Safety 顧客健康與安全

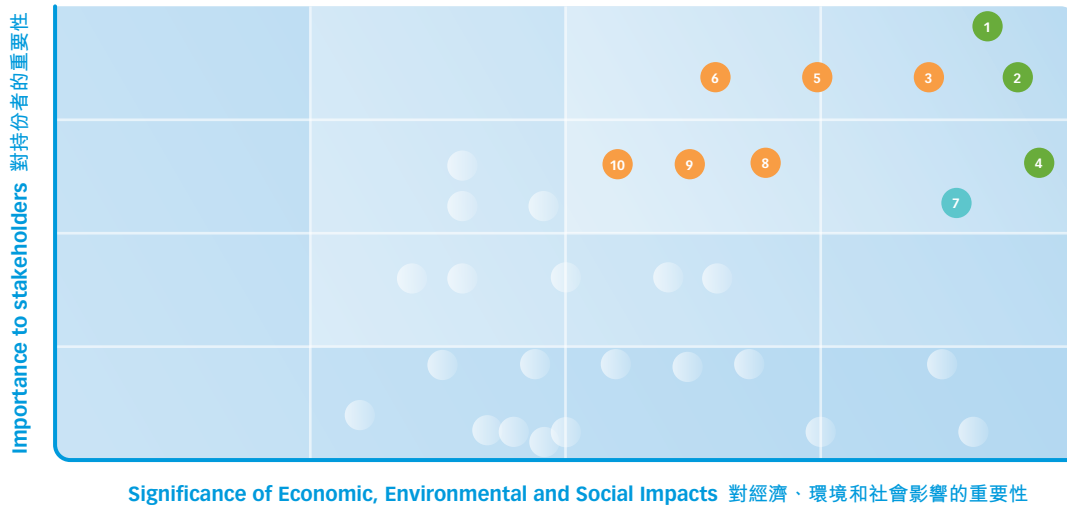


Materiality Matrix

The 10 prioritised material topics listed below are converted into GRI Standards. The Group will relate to those disclosure standards in reporting the sustainability performance of the Group's controlled and operating projects during the Reporting Period in areas such as waste water treatment, reusable water, waste water source heat pump, sponge city construction, river-basin restoration, etc.

實質性議題矩陣

下列十個經優先排序後的實質性議題已被轉換成GRI準則。本集團將重點圍繞這些標準披露，並匯報本集團於報告期內控制和運營的污水處理、中水回用、污水源熱泵、海綿城市建設、流域治理等項目的可持續發展表現。



Economic 經濟	Environmental 環境	Social 社會
<p>7 Economic Performance 經濟績效</p>	<p>1 Environmental Compliance 環保合規</p> <p>2 Waste Water and Waste Management 污水及廢棄物處理</p> <p>4 Energy Efficiency 能源效益</p>	<p>3 Disaster and Emergency Planning and Response 災難及應急預案規劃</p> <p>5 Occupational Health and Safety 職業健康與安全</p> <p>6 Child Labour and Forced Labour 童工與強制勞動</p> <p>8 Diversity and Equal Opportunity 多元化及平等機會</p> <p>9 Customers' Health and Safety 顧客健康與安全</p> <p>10 Social Compliance 社會合規</p>



Everbright Water's 10 Material Issues

光大水務的十大實質性議題

Material Topics 實質性議題		Impacts and Boundaries 影響及範圍									GRI Topic-Specific Standards GRI特定主題準則	Relevant SDGs 相關的 可持續發展目標
		Investors, Shareholders 投資者・股東	Employees 員工	Government 政府	Local Communities 當地社區	Customers 客戶	Business Partners, Suppliers 業務夥伴・ 供應商	Investment Analysts 投資分析員	Media 媒體	Non- Governmental Organisations 非政府組織		
1	Environmental Compliance 環保合規	✓	✓	✓	✓	✓	✓	✓	✓	✓	GRI 307 Environmental Compliance 有關環境保護的 法規遵循	
2	Waste Water and Waste Management 污水及廢棄物處理	✓	✓	✓	✓	✓	✓	✓	✓	✓	GRI 306 Effluents and Waste 廢污水和廢棄物	
3	Disaster and Emergency Planning and Response 災難及應急預案規劃	✓	✓	✓	✓	✓	✓		✓		N/A 不適用	
4	Energy Efficiency 能源效益	✓	✓			✓	✓	✓	✓	✓	GRI 302 Energy 能源	 
5	Occupational Health and Safety 職業健康與安全	✓	✓	✓					✓		GRI 403 Occupational Health and Safety 職業安全衛生	
6	Child Labour and Forced Labour 童工與強制勞動	✓	✓	✓					✓		GRI 408 Child Labor 童工 GRI 409 Forced or Compulsory Labor 強迫或強制勞動	
7	Economic Performance 經濟績效	✓	✓	✓	✓	✓	✓	✓	✓		GRI 201 Economic Performance 經濟績效	
8	Diversity and Equal Opportunities 多元化及平等機會	✓	✓	✓	✓	✓			✓	✓	GRI 405 Diversity and Equal Opportunity 員工多元化與 平等機會	
9	Customers' Health and Safety 顧客健康與安全	✓	✓						✓	✓	GRI 416 Customer Health and Safety 顧客健康與安全	
10	Social Compliance 社會合規	✓	✓	✓	✓	✓	✓	✓	✓		GRI 419 Socioeconomic Compliance 社會經濟法規遵循	

06

We protect
LUSH MOUNTAINS AND LUCID WATER,
and devote to improving ecological environment
保護青山綠水，致力於改善生態環境



Whilst delivering excellent integrated water environmental solutions, the Group spares no effort in enhancing the economic performance of projects, and is committed to outlining a blueprint of the Group's sustainable development on the basis of environmental compliance. Furthermore, Everbright Water firmly upholds the ethos of "Technology Leads Development" and continuously brings in advanced engineering technologies to reduce adverse environmental impacts of operating projects, so as to foster the harmony between the water projects and the surrounding environments.

Environmental Management

Environmental Management Policies

The Group strongly believes that sound environmental performance is a key cornerstone for its goals towards becoming one of the leading players in China's environmental water services industry. With the guidance of experienced management team, the Group will follow the development path of "Taking Quality as the Top Mission and Keeping Efficiency as the Priority with Support by Scale" and strictly enforce the Corporate Policy on Environmental Management formulated by Everbright International. The policy covers six key areas, including compliance, risk management and due diligence, environmental protection, health and safety, supplier management as well as monitoring and communication. The policy also aims to reduce the Group's adverse operational impacts to the environment and natural resources by providing clear guidelines on air (fugitive emissions such as odour) and greenhouse gas emissions, discharges into water and land, generation and treatment of hazardous and non-hazardous waste, as well as the consumption of energy, water resources and other raw materials.

Adopting a regional management approach, the Group established four regional management centres in Eastern Shandong, Western Shandong, Jiangsu and Liaoning respectively in order to flexibly deploy resources to suit different projects' needs, foster regional exchange and create synergies.

在提供優質綜合水環境解決方案的同時，本集團不遺餘力地提升項目的經濟績效，堅持從環保合規的角度為本集團勾畫可持續發展藍圖。此外，光大水務堅持「科技引領發展」，持續引進嶄新的工程技術以降低運營項目對環境的負面影響，促進水務項目與自然環境的雙生共融。

環境管理

環境管理政策

本集團深信穩健的環境表現是成為中國水環境服務行業領先企業之一的重要基石。在具有豐富經驗的管理團隊的帶領下，本集團秉持著「品質第一、效益優先、規模助力」的發展理念，嚴格執行光大國際所訂立的《環境管理企業政策》。該政策涵蓋合規、風險管理和盡職調查、環境保護、健康和 safety、供應商管理以及監測和溝通六大重點。同時政策亦對運營中所涉及的廢氣（例如臭味等無組織排放）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及處置方法以及能源、水資源、其他原材料使用等方面提供了明確指引，致力減輕本集團的運營對環境及天然資源所造成的負面影響。

本集團採用區域化管理模式，在魯東、魯西、江蘇和遼寧四個地區設立區域管理中心，針對不同項目的需要靈活調動資源，並透過區域交流發揮協同效應。

Besides, the Group proactively follows the water environment policies issued at all levels and strives to comply with all applicable national and local environmental laws, regulations and standards, thus minimising impacts of its business to the surroundings. During the Reporting Period, there was no confirmed case of non-compliance in relation to environmental protection that would have a significant impact on the Group.

Environmental Management System

To effectively implement the Group's environmental management policies and maintain an outstanding environmental performance of its business operation, product and service, the Group has further streamlined its ESHS Management System and Risk Management System to achieve systematic control of environmental impacts. Both management systems provide a comprehensive framework which effectively improves, streamlines, standardises, institutionalises the Group's management and its risk control capabilities. The systems, coupled with the "Intelligent Water" Management System, have enhanced the employees' management capabilities in day-to-day operations by controlling risks from source.

In addition, the Group uploads the key environmental information of its projects to the corporate website for public review, including environmental impacts assessment approval, annual environmental monitoring plan, environmental emergency preparedness and response plan, etc. The information disclosure allows public's scrutiny and helps enhance the transparency of operating projects.

The Group has also been actively evaluating its environmental and social performance against internationally recognised standards, including the World Bank Group's Environmental, Health, and Safety Guidelines, and has been regularly submitting monitoring reports to International Finance Corporation ("IFC") since 2016. All of the Group's projects have obtained or are actively applying for international management standard certificates, including ISO 9001 Quality Management System, ISO 14001 Environmental Management System, and OHSAS 18001/ISO 45001 Occupational Health and Safety Management System.

此外，本集團積極關注各級水環境政策，致力遵守所有適用的國家和地方環保法例、規則和標準，盡可能減少業務對周邊環境的影響。本集團於報告期內並沒有任何與環境保護相關並對本集團有重大影響的已確認違規事件。

環境管理體系

為了有效實踐本集團的環境管理政策，確保各項業務活動、產品和服務維持優秀的環保表現，本集團進一步優化了ESHS管理體系及風險管理系統，實現對環境影響的系統性控制。兩大管理體系提供了全面的框架，有效提升本集團管理的精細化、標準化和制度化水平以及風險控制能力。此外，本集團的「智慧水務」信息管理體系能有效提升員工日常管理的能力，並從源頭上有效監控風險。

為提升項目運營管理的透明度，本集團更將項目的重要環境信息，如環評批覆、年度環境監測計劃、突發環境事件應急預案等上載至公司網站供公眾查閱，務求使公眾便於掌握、監督本集團的環保表現。

本集團亦積極按照受國際認可的標準去評估和管理其環境表現，包括世界銀行集團《環境、健康和安全管理指南》，並自二零一六年起定期向國際金融公司（「IFC」）提交監測報告。本集團旗下所有項目均已獲得或正在積極申請各類相關體系管理證書，包括ISO 9001質量管理體系、ISO 14001環境管理體系及OHSAS 18001/ISO 45001職業健康安全管理体系。



CASE STORY
個案分享

Everbright Water's Industrial Waste Water Treatment Project was selected as a demonstrative Case Study on Third-Party Service Providers for Industrial Park Environmental Pollution Treatment by the Ministry of Ecology and Environment of the PRC
光大水務工業污水處理項目獲國家生態環境部評為
《工業園區環境污染第三方治理典型案例》

With the Group enhancing the implementation of the ESHS Management System and Risk Management System at all levels, a number of the Group's projects received awards and recognitions at national, provincial and municipal levels for their high-quality construction works and operational management. During the Reporting Period, Everbright Water's Xinyi Economic Development Zone Waste Water Treatment Project was selected as one of the "2017 Case Studies on Third-Party Service Providers for Industrial Park Environmental Pollution Treatment" by the Ministry of Ecology and Environment of the PRC. The waste water treatment project, relying on its advanced treatment process, classic and exemplar management measures such as "one enterprise one evaluation", "one enterprise one price", "one enterprise one effluent pipe", "optimised scheduling of water discharges", PPP model, as well as the mechanism for waste water treatment fee, stood out from rigorous assessment and was selected as one of the demonstrative cases and included into the Collection of Case Studies on Third-Party Service Providers for Industrial Park Environmental Pollution Treatment. This distinction serves as recognition of Everbright Water's strict requirement on environmental management and provides a fillip to the Group's management.

隨著本集團深入推進ESHS管理體系和風險管理體系在各層面的應用，本集團旗下項目憑藉優質的工程建設和運營管理獲得國家、省、市等級別的嘉獎和認可。報告期內，光大水務新沂經濟開發區污水處理項目獲生態環境部評為「二零一七年工業園區環境污染第三方治理典型案例」。該污水處理項目憑藉先進的處理工藝，「一企一評」、「一企一價」、「一企一管」、「錯時排水」等具有針對性的管理措施，PPP模式，以及污水處理收費機制等方面的典型性和示範意義，在嚴格的評審過程中脫穎而出，最終以污染治理類項目獲納入典型案例，並編入《工業園區環境污染第三方治理典型案例匯編》。此殊榮充分肯定了光大水務對環境管理的高度要求，為本集團現行的管理注入強心劑。

Environmental Emissions

Stringent Effluent Discharge Monitoring and Odour Control

The Group continues helping improve the fresh water quality and sanitation status in China by implementing a series of environmental projects in areas including integrated water environment management, municipal and industrial waste water treatment, reusable water, etc. Its projects substantially minimise the environmental impact arising from waste water discharge and safeguard people's health and well-being. The Group also sets stringent discharge standards for all its waste water treatment projects. Through continuous upgrading works, the effluent discharged from all of the Group's waste water treatment plants complies with relevant requirements as stated in the environmental impact assessment reports approved by the local government⁽¹⁾, whilst most of them also complies with Grade 1A standard of "Discharge Standard of Pollutants for Municipal Wastewater Treatment Plant" (GB18918-2002), and is discharged to rivers and seas according to the relevant requirements stated in the environmental impact assessment reports approved by the local governments. All the Group's waste water treatment projects have installed effluent discharge monitoring system which can promptly, accurately and continuously record effluent discharge data. The Group also engages third-party laboratories to regularly test effluent samples to ensure the independence and impartiality of the water monitoring results. Furthermore, the Group's new biological deodorisation technologies are capable of adjusting the processing parameters in response to different types of odourous gases, help reduce odour released from waste water treatment plants and make the facilities more environmentally friendly. All of the Group's operating projects comply with the air emissions requirements as stipulated in "Discharge Standard of Pollutants for Municipal Wastewater Treatment Plant" (GB18918-2002) or equivalent standards.



環境排放

嚴格的出水監測和氣味控制

透過水環境綜合治理、生活及工業污水處理、中水回用等一系列環保項目，本集團位於全國各地的項目持續協助改善中國的淡水品質和衛生狀況，大幅降低了污水排放帶來的環境影響，保障公眾的健康和福祉。本集團為所有污水處理項目訂立嚴格的出水標準，透過持續的提標改造工程，在符合政府部門批准的環境影響評估報告相關要求的基礎上，大部分項目的出水水質執行《城鎮污水處理廠污染物排放標準》（GB18918-2002）的一級A標準⁽¹⁾，出水亦按照已獲當地政府審批的環境影響評價報告中的相關要求排放到河流及大海。本集團的所有污水處理項目均安裝了出水監測系統，可以迅速、可靠和持續地記錄出水水質數據，本集團還聘請了第三方化驗所定期檢測出水樣本，確保水質監測結果的獨立性及公正性。此外，本集團的新型生物除臭系統可以根據不同類型的臭氣調整處理參數，這將有助於減少污水處理廠所釋放出的氣味，使設施更加高效環保。本集團所有項目的運營均符合《城鎮污水處理廠污染物排放標準》（GB18918-2002）或同等標準中的大氣污染物排放要求。



Note:

⁽¹⁾ Major effluent parameters regulated by relevant national regulations and standards include COD, biological oxygen demand, suspended solids, animal fats and vegetable oils, total nitrogen, ammoniacal nitrogen, total phosphorus, pH, colour, E. coli, mercury and other heavy metals (and their chemical compounds).

附註：

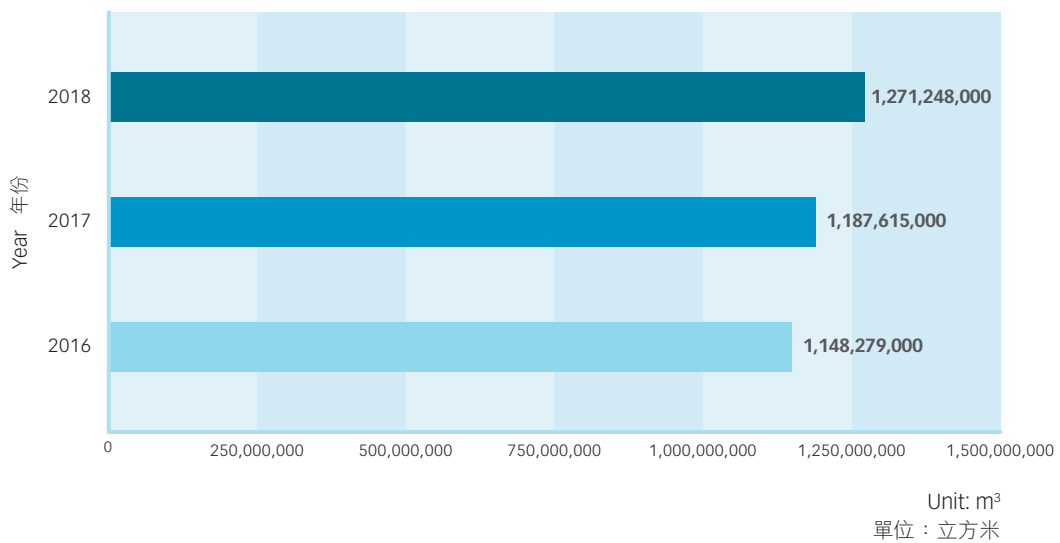
⁽¹⁾ 受相關國家規例及標準規管的出水指標主要包括COD、生物需氧量、懸浮物、動植物油、總氮、氨氮、總磷、酸鹼值、色度、糞大腸菌群數、汞及其他重金屬（及其化合物）。

During the Reporting Period, the Group processed approximately 1,271,248,000 m³ of waste water and reduced approximately 356,000 tonnes of COD discharge.

報告期內，本集團共處理了約1,271,248,000立方米污水，同時減少了約356,000噸的COD排放。

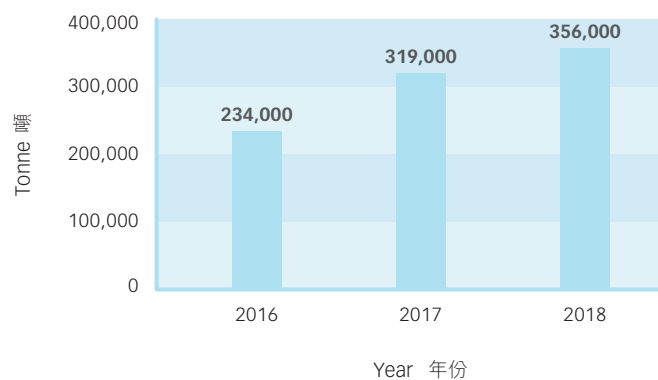
Waste Water Treated in the Past Three Years

過往三年的污水處理量



COD Reduction in the Past Three Years

過往三年的COD減排量



Environmental Sludge Treatment

Sludge produced from waste water treatment brings negative environmental impacts if not being treated properly. Apart from strictly adhering to national standards such as “Discharge Standard of Pollutants for Municipal Wastewater Treatment Plant” (GB18918-2002), the operating projects of the Group also adopt relevant international standards including the World Bank Group’s General Environmental, Health, and Safety Guidelines and Environmental, Health, and Safety Guidelines for Water and Sanitation to reduce the environmental impacts of sludge. Most of the treated sludge with satisfactory testing results is sent to qualified third parties for further treatment, reuse and/or utilisation, such as production of compost, utilisation as construction materials, brick-making, etc. A minority of sludge that cannot be utilised is sent to designated landfill for disposal after undergoing dewatering process to reduce its water content and volume.

The Group actively leverages on its advantages on technological R&D. The breakthrough and accomplishment of the low-temperature sludge drying technology achieves sludge stabilisation and a 60% reduction in weight of sludge. As high-efficiency treatment and reuse of sludge is believed to be one of the game-changing technologies for the water sector in the future, the Group will continue exploring low-cost and efficient sludge treatment and utilisation technologies (such as protein and phosphorus recovery technologies), to lead the industry towards a more environmental path.

During the Reporting Period, the Group generated approximately 855,000 tonnes of sludge during operation.



環保的污泥處理

污水處理項目所產生的污泥如未能妥善處理將會給環境帶來負面影響。除嚴格執行《城鎮污水處理廠污染物排放標準》(GB18918-2002)等國家標準外，本集團的運營項目還採納世界銀行集團的《通用環境、健康和安全管理指南》及《水與衛生環境、健康與安全指南》等相關國際標準以減少污泥對環境的影響。大部分經處理並通過檢測的污泥會被送到合資格第三方作進一步處理、循環再用及／或作綜合利用，如製作堆肥、建材利用等。少數無法進行綜合利用的污泥則會先進行脫水以減低含水量及體積後再送到指定填埋場作填埋處理。

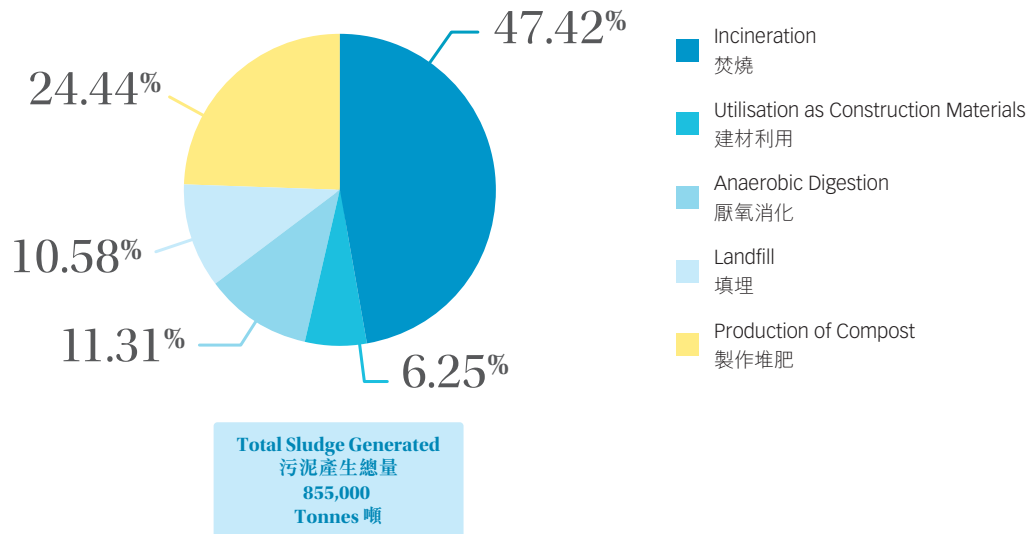


本集團積極發揮科研優勢，成功取得污泥低溫乾化技術的突破，能對污泥進行穩定化處理，並將其重量減少60%。由於污泥的高效處理和再利用將成為未來改變水務行業的革新技術之一，本集團將繼續探索成本低、效率高的污泥處理和綜合利用技術（如蛋白質和磷回收技術），引領行業向更環保的方向邁進。

報告期內，本集團在運營過程中共產生了約855,000噸污泥。

Third-Party Treatment / Disposal Methods of Sludge Generated from Waste Water Treatment Projects in 2018

二零一八年污水處理項目所產生的污泥經第三方處理／處置的方式



Strengthening Climate Resilience

Natural disasters such as extreme rainfall and water scarcity triggered by global climate change can cause significant impact on the Group's business. To improve the projects' resilience to climate change, the Group has included climate change risks into its Risk Management System to formulate more comprehensive emergency and natural disaster contingency plans. These contingency plans provide guidelines on how to respond to a series of natural and man-made emergency incidents with the aim of raising the emergency team's preparedness towards incidents. Additionally, the Group's water environment treatment projects, at a macro-level, improve the cities' flood prevention ability through constructing a more stable ecological environment.



強化氣候抗禦能力

全球氣候變化引致的極端降雨、水資源短缺等自然災害可對本集團業務帶來顯著的影響。為加強項目對氣候變化的應變能力，本集團將氣候變化風險納入現行的風險管理體系中，從而制定更完善的緊急與自然災害應急方案。該等應急方案就如何應對一系列自然及人為緊急事故提供指引，使本集團的應急隊伍能更有效應對各種危機。本集團的水環境綜合治理項目則透過建造更穩固的生態環境，宏觀地提升城市應付水患的抗禦能力。



To monitor and calculate the GHG emissions of all the Group's operating waste water treatment projects in a more accurate manner, the Group continues to use the GHG emissions calculation methodology of the CDM under the United Nations Framework Convention on Climate Change (UNFCCC) during the Reporting Period. The CDM calculation methodology not only takes into account the GHG emissions from in-plant electricity and fuel consumption, but also covers fugitive methane emission from waste water treatment projects, fuel consumption for the transportation of sludge, etc. The methodology provides reliable GHG emissions data to the Group's stakeholders through disclosure of the types, quantities and scopes of greenhouse gases. During the Reporting Period, the Group extended its calculations and estimated the CO₂ equivalent emissions offset by its operations for the first time, using the GHG emissions calculation methodology of CDM. Such methodology takes into account the emission of GHG from fossil fuel power stations in the absence of waste water treatment plant that utilise biogas to generate electricity. In 2018, the Group's operating projects offset 14,010.75 tonnes of carbon dioxide equivalent emissions in total.

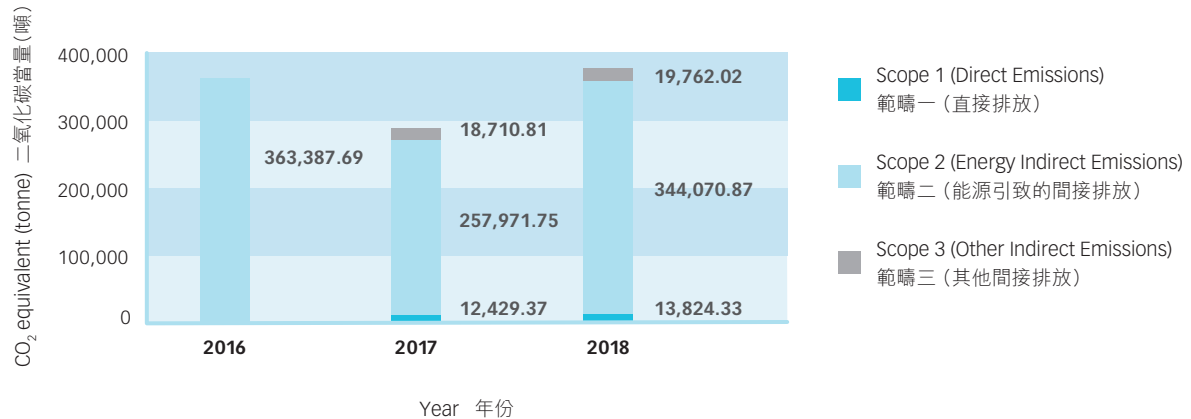
為更準確地監測及計算所有運營污水處理項目的溫室氣體排放量，本集團於報告期內繼續使用《聯合國氣候變化框架公約》中CDM的溫室氣體排放計算方法。除了項目廠內用電產生的溫室氣體之外，該計算方法還涵蓋了污水處理項目的無組織甲烷排放、運送污泥的燃料消耗等細節。透過披露溫室氣體的排放種類、其排放量和所屬範疇三個層面，為持份者帶來更全面可靠的溫室氣體排放數據。報告期內，本集團首次同時應用CDM的溫室氣體排放計算方法估算本集團的運營所抵消的二氧化碳當量排放。該計算方法納入了在沒有污水處理廠利用沼氣發電的情況下，改以化石燃料電廠發電的溫室氣體排放。二零一八年，本集團的運營項目共抵消14,010.75噸二氧化碳當量排放。



GHG Emissions in 2018

二零一八年的溫室氣體排放量

GHG Emissions by Scope in 2018 二零一八年按範疇劃分的溫室氣體排放



Notes:

附註：

- (1) The calculation boundary of Scope 1 and Scope 2 emissions covers all waste water treatment projects, reusable water projects, waste water source heat pump projects and sludge treatment and disposal projects under operation: the calculation of Scope 1 emissions includes fugitive methane emission from waste water treatment projects; the calculation of Scope 2 emissions includes the consumption of purchased electricity.
- (2) The calculation of GHG emissions from operating waste water treatment projects is referenced to CDM methodology "AM0080: Mitigation of Greenhouse Gases Emissions with Treatment of Wastewater in Aerobic Wastewater Treatment Plants (Version 1.0)".
- (3) The calculation of Scope 3 emissions includes fuel consumption for the transportation of sludge by third parties and air travel by employees. GHG emissions from air travel are calculated by International Civil Aviation Organisation Carbon Emissions Calculator.
- (4) There were no statistics on Scope 1 and Scope 3 GHG emissions in 2016.

- (1) 範疇一和範疇二的計算邊界包括所有正在運營的污水處理、中水回用、污水源熱泵、污泥處理處置項目：範疇一的計算包括污水處理項目的無組織甲烷排放；範疇二的計算包括購買電力消耗。
- (2) 運營污水處理項目的溫室氣體排放計算參照CDM方法《AM0080：透過在有氧污水處理廠處理污水減少溫室氣體排放（1.0版）》。
- (3) 範疇三的計算包括第三方運送污泥的燃料消耗和員工飛機差旅。飛機差旅的溫室氣體排放以國際民航組織的碳排放計算器所計算得出。
- (4) 二零一六年並沒有統計範疇一和範疇三的溫室氣體排放資料。

Sustainable Resource Use

Energy and Material Usage

Everbright Water highly advocates green operation to reduce resource consumption. The Group actively explores various energy-saving solutions. For instance, it organises energy-saving competitions among project companies and utilises the methane produced from sludge treatment processes to generate electricity for the plant's internal use, reducing the consumption of non-renewable energy. To further conserve energy, the Group encourages employees to switch computers to energy-saving mode, and switch off computers, printers, and other electrical appliances at the end of working days, as well as unplug all electrical devices prior to long holidays. Besides, the Group is currently running a pilot information management system named "Intelligent Water", which helps waste water treatment plants achieve smart management and reduce the overall energy consumption. Meanwhile, "Intelligent Water" also facilitates standardised, normalised and refined operation management, promoting a balanced development of the Group in order to ultimately achieve a green and low-carbon operation goal.



With the goal of maintaining good energy and inventory management, the Group keeps detailed monthly records of every project company's energy and key materials usage, and such records are compiled and kept by the regional management centres. With the collected records, the Group is able to have a clear idea on the condition of resource utilisation throughout the business development process and make corresponding adjustment on the use of energy and materials. The records also allow the Group to formulate long-term strategies on resource management, thus reducing wastage of resources. During the Reporting Period, the Group's operating projects consumed 1,738,643.34 GJ of energy.

可持續的資源使用

能源及物料使用

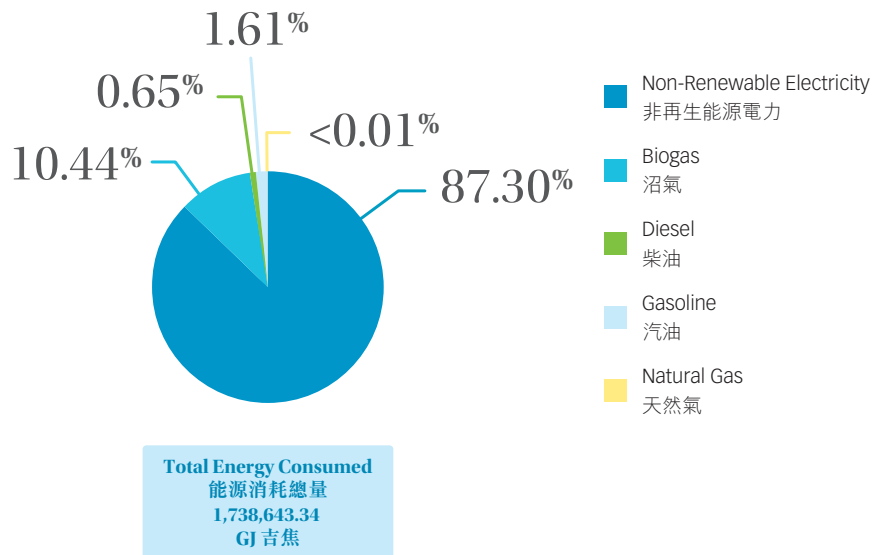
光大水務高度提倡綠色運營，減少資源消耗。本集團積極探索各種節能方案，例如在項目公司之間進行節能比賽，以及利用污泥處理過程中產生的甲烷發電供廠內使用，務求減少非再生能源的消耗。為進一步節約能源，本集團鼓勵員工盡可能將電腦調至節能模式，於工作日結束時關掉電腦、打印機及其他電器，並於長假期前拔掉電器的電源。此外，本集團目前正在實施「智慧水務」信息管理體系的試點項目，協助污水處理廠實現智慧型管理，降低整體能源消耗，同時提高運營管理的標準化、規範化和精細化水平，促進本集團的均衡發展，最終實現綠色低碳的運營目標。



為了確保良好的能源和庫存管理，本集團每個月都會詳細記錄各項目公司的能源和主要物料的使用量，並由區域管理中心整合相關紀錄。透過所收集的資料，本集團能夠清楚了解其在業務發展過程中的資源利用狀況，進而對能源和物料使用作出相應的調整。資料紀錄亦有利於本集團制定長遠的資源管理策略，減少資源浪費。報告期內，本集團旗下的運營項目共消耗1,738,643.34吉焦能源。

Direct Energy Consumption Statistics of Operating Projects in 2018

二零一八年各運營項目的直接能源消耗統計



Notes:

- (1) Energy consumption is calculated based on the reference coefficients given by China Energy Statistical Yearbook 2017.
- (2) Due to rounding, the numbers do not add up to 100%.

附註：

- (1) 能源消耗量是根據《中國能源統計年鑒2017》的參考系數所計算得出。
- (2) 由於捨入關係，數值加起來不等於100%。

Key Materials Consumption Statistics of Operating Projects in 2018

二零一八年各運營項目的主要物料使用統計

Materials/Function	物料／用途	Quantity (Tonne) 數量（噸）
pH adjustment	酸鹼調整	17,720.71
Coagulant & flocculant	凝結劑及絮凝劑	130,080.39
Disinfectant	消毒劑	14,732.27
Chemical oxidiser	化學氧化劑	11,224.81
Carbon source	碳源	51,439.71
Biological treatment	生物處理	273.21
Adsorbent	吸附劑	595.61
Others	其他	2,996.08
Total	總計	229,062.78

Note:

- (1) Due to rounding, the numbers do not add up to total.

附註：

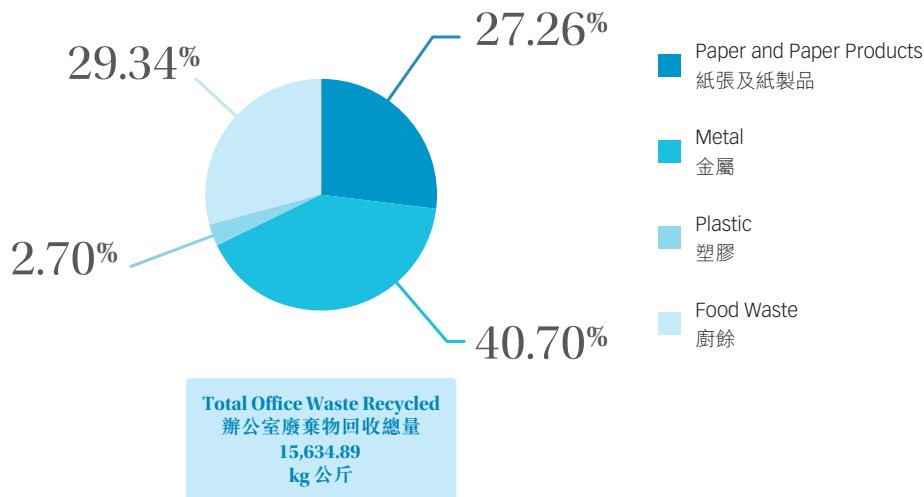
- (1) 由於捨入關係，數值加起來不等於總計。

Moreover, recycling and reusing are widely practised in the Group's facilities and offices. The Group recycles wastes such as paper, metal, plastic, food waste, etc., striving to implement its philosophy of valuing resources through solid actions. During the Reporting Period, Everbright Water recycled a total of 15,634.89 kg of office waste.

另外，本集團的設施及辦公室均對廢棄物予以回收及再利用，回收的廢棄物包括紙張、金屬、塑料和廚餘等，務求以實際行動貫徹本集團重視資源的理念。報告期內，光大水務的辦公室廢棄物回收總量為15,634.89公斤。

Office Waste Recycling Statistics in 2018

二零一八年辦公室廢棄物回收量統計



Utilisation of Water Resources

As a water resources utilisation service company, the Group stays aligned with relevant national policies on water conservation and strives to reduce water consumption of its projects. The Group's reusable water projects purify effluent from waste water treatment plants in accordance with the "Reuse of Urban Recycling Water – Water Quality Standard for Industrial Uses" (GB/T19923-2005) or equivalent standards⁽¹⁾. To reduce freshwater consumption of cities, reclaimed water produced by reusable water projects can be used for in-plant cooling water or general industrial use by other corporations. The Group's Operations Manual sets out the standards for the reclaimed water produced from the reusable water projects. Employees are required to continuously monitor the quality of the reclaimed water to ensure the health and safety of the customers in addition to complying with the relevant standards. During the Reporting Period, the Group's reusable water projects produced approximately 16,299,000 m³ of reusable water.



水資源使用

作為一間水資源綜合利用服務公司，本集團緊跟國家相關節水政策，致力減少項目耗水。本集團將污水處理廠處理後的出水供給中水回用項目，將其按照《城市污水再生利用 工業用水水質》(GB/T19923-2005)或同等標準⁽¹⁾淨化成回用水，用作廠區冷卻水或供其他企業作一般工業用途，從而減少城市的淡水消耗。本集團的《運營手冊》列明中水回用項目所產生的回用水須符合的標準，員工須持續監控回用水的水質，確保符合相關國家標準，亦能保障客戶的健康及安全。報告期內，本集團的中水回用項目共生產了約16,299,000立方米的回用水。



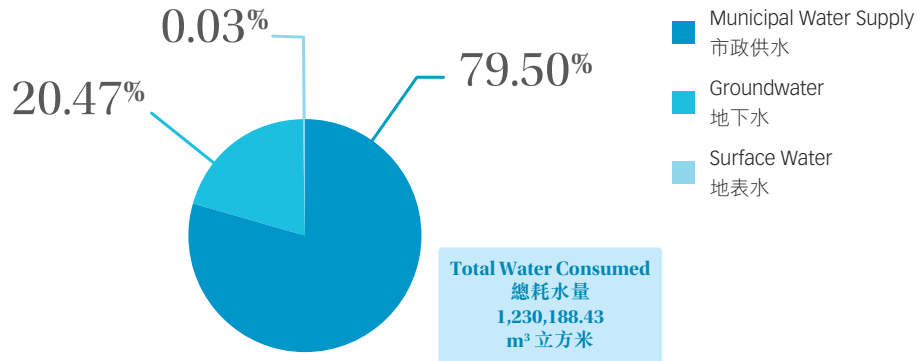
Note:

⁽¹⁾ Major reclaimed water parameters regulated by relevant national laws and regulations mainly include pH, suspended solids, turbidity, biological oxygen demand, COD, iron, manganese, chloride ion, silicon dioxide, total hardness, ammoniacal nitrogen, total phosphorus, E.coli.

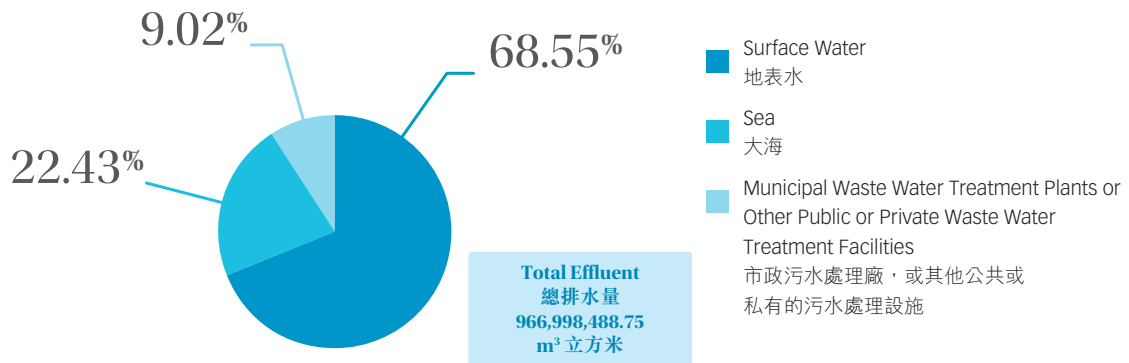
附註：

⁽¹⁾ 受相關國家法律及規例規管的再用水指標主要包括酸鹼值、懸浮物、濁度、生物需氧量、COD、鐵、錳、氯離子、二氧化硅、總硬度、氨氮、總磷、糞大腸菌群數。

Water Consumption Statistics of Operating Projects in 2018 二零一八年各運營項目的耗水統計



Effluent Statistics of Operating Projects in 2018 二零一八年各運營項目的排水統計



CASE STORY 個案分享

Everbright Water's Ling County Project Company awarded "Outstanding Entity in Environmental Protection 2017" 光大水務陵縣項目公司獲評為「二零一七年度環保工作先進單位」

Everbright Water's Ling County Project Company was awarded the "Outstanding Entity in Environmental Protection 2017" in Lingcheng District, Dezhou City in February 2018. The project company has been focusing on its keen and precise effort in achieving its goal of the year which was themed with "Efficiency, Quality, Competence and Innovation". The project company is well recognised by the Government of Lingcheng District and various circles of society for its effort in closely adhering to the "Strict, Precise, Diligent and Practical" operation philosophy, as well as in actively enhancing environmental protection.

二零一八年二月，光大水務陵縣項目公司獲德州市陵城區「二零一七年度環保工作先進單位」榮譽稱號。項目公司致力圍繞「效益年、品質年、能力年、創新年」的工作要求，充分落實「嚴、細、勤、實」的工作思路，紮實推進環保工作，獲得了陵城區政府和社會各界的高度認可。

07

We care for our employees and
**CREATE A BRIGHTER
FUTURE HANDS IN HANDS**

心繫員工，共創未來



To further enhance the Group's overall strength and market influence in the rapidly changing business environment, and facilitate the continuous improvement of the water environment, a sound and outstanding talent pool is necessary. Thus, the Group believes its people are the most valuable asset and upholds the "People-Oriented" philosophy. Through a sound human resources management system, the Group creates a competitive, healthy and pleasant work environment where its employees can develop their strengths, unleash their potential and grow with the Group.

要 在瞬息萬變的市場環境中進一步增強綜合實力和行業影響力，繼續為水環境的持續改善提供助力，本集團必須建立一支穩健、優秀的人才隊伍。為此，本集團一直視人才為最寶貴的財富，堅持「以人為本」的理念，透過完善的人力資源管理體系，提供具競爭力、健康、愉快的工作環境，讓員工能夠一展所長，釋放自身潛能，與本集團一同成長。

Employment Profile

員工概覽

Employee Statistics in 2018

二零一八年員工數據統計



Notes:

(1) As at 31 December 2018.

(2) All employees are full-time employees.

附註：

(1) 截至二零一八年十二月三十一日。

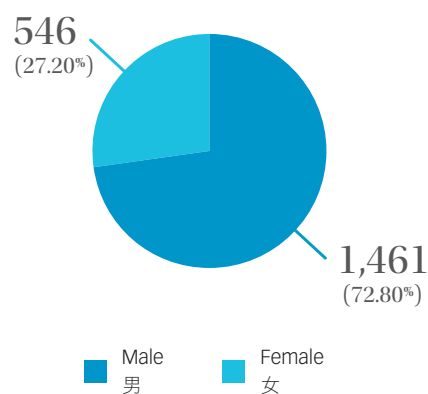
(2) 所有員工均為全職員工。

Statistics on Diversity of Employees in 2018

二零一八年員工多元化統計

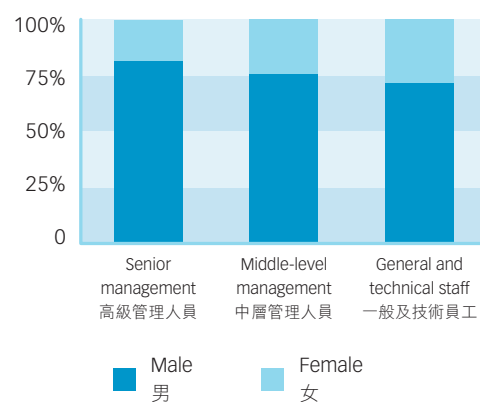
By gender

按性別劃分



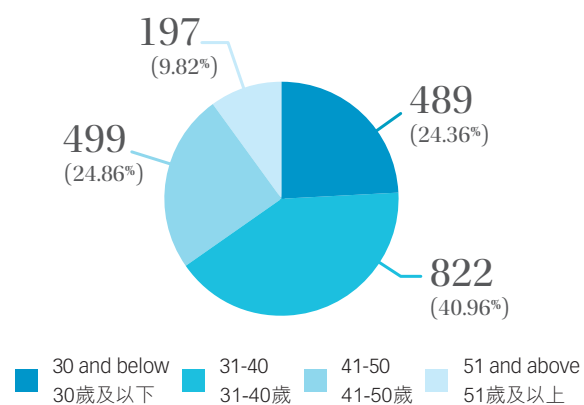
Male to female ratio by employee ranking

各員工職級的男女比例



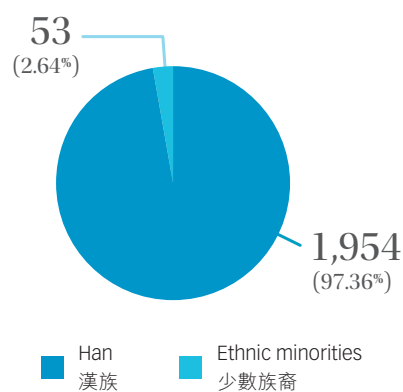
By age

按年齡劃分



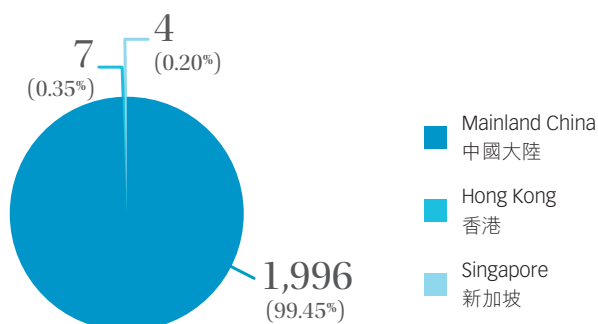
By ethnicity

按民族劃分



By geographical region

按地區劃分



Note:

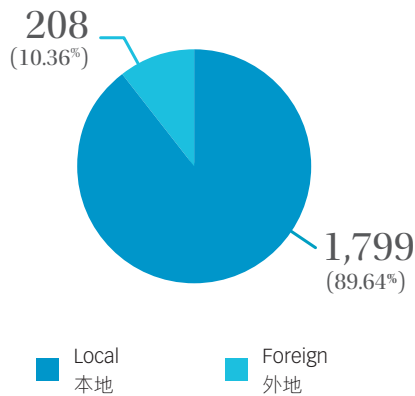
(1) As at 31 December 2018.

附註:

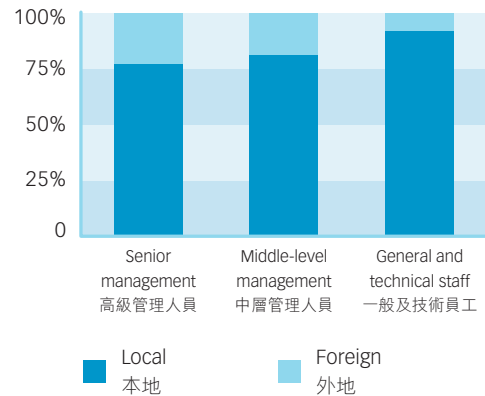
(1) 截至二零一八年十二月三十一日。

Statistics on Diversity of Employees in 2018 二零一八年員工多元化統計

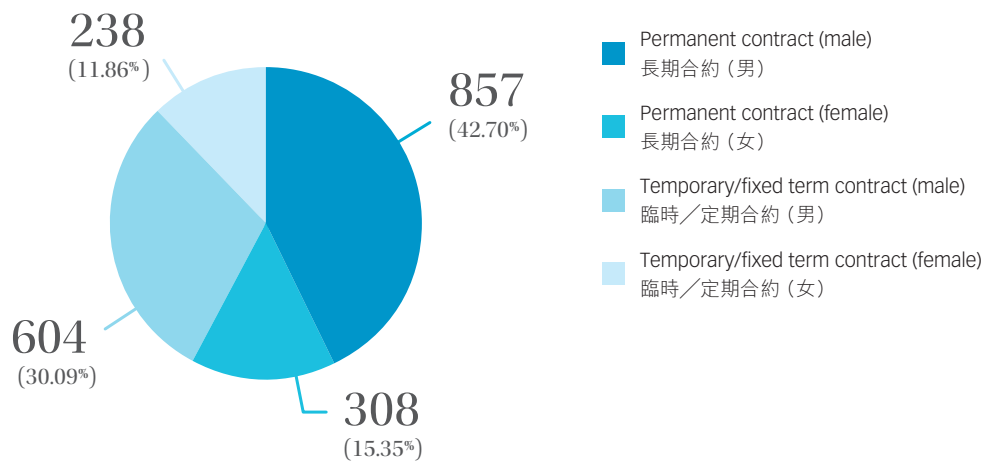
By geographical region 按地區劃分



Employees hired by geographical region 按地區劃分的受僱員工



By Type of Employment and Gender 按僱傭類型及性別劃分



Notes:

(1) Employees hired from the same province in Mainland China are regarded as local employees, whereas the employees hired from other provinces in Mainland China are regarded as foreign employees.

(2) As at 31 December 2018.

附註：

(1) 在中國大陸同省受聘的員工被視為本地員工，而在中國大陸外省受聘的員工則被視為外地員工。

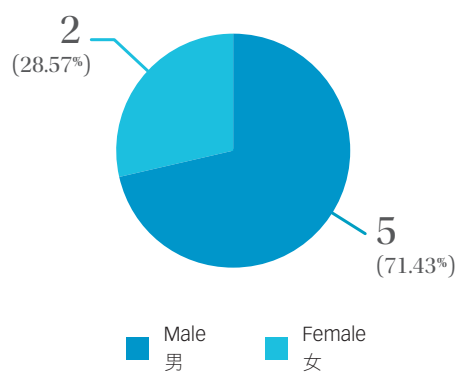
(2) 截至二零一八年十二月三十一日。

Statistics on Diversity of Board Members in 2018

二零一八年董事會成員多元化統計

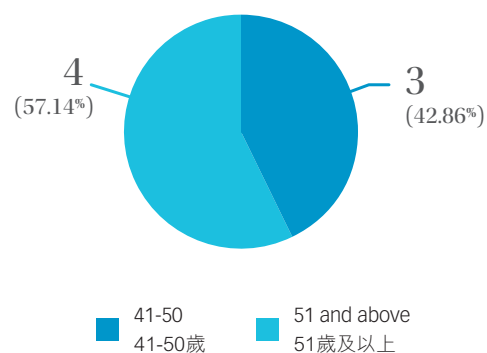
By gender

按性別劃分



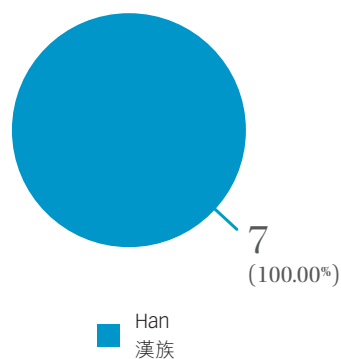
By age

按年齡劃分



By ethnicity

按民族劃分



Note:

(1) As at 31 December 2018.

附註：

(1) 截至二零一八年十二月三十一日。

Talent Recruitment

With the aim of ensuring a continuous talent recruitment to promote long-term business development, Everbright Water has established a flexible and comprehensive recruitment mechanism, which actively brings in local and foreign talents through collaborations with experienced recruitment agencies and higher education institutions, via various channels, such as: local, overseas and on-campus recruitments. The Group also stays aligned with its development strategy of “Technology Leads Development” and actively recruits technical and management specialists in the area of technological R&D through industrial-academic collaboration and acquisition of technological companies. Besides, several projects of the Group are located in remote areas that are underdeveloped. In order to promote local economic growth and employment opportunities, the Group pays special attention to local talents. The majority of new employees hired during the Reporting Period are local.

In 2018, there were 297 new employees, accounting for 14.80% of the Group’s total workforce, while staff turnover (including resignation and retirement) was 188, accounting for 9.37% of the Group’s total workforce.

廣納賢士

為確保持續吸納優質人才推動業務的長遠發展，光大水務設有靈活完善的招聘機制，透過與經驗豐富的人才招聘機構及高等院校合作，以本地招聘、海外招聘及校園招聘等方式招攬各方專才。為配合本集團「科技引領發展」的發展戰略，本集團近年更透過「產學研」合作、收購技術公司等方式，積極引進技術研發的管理及技術專才。另外，本集團個別項目位於尚欠發達的偏遠地區。為了促進地方經濟發展和就業機會，本集團特別關注本地人才，報告期內大部份新聘請的員工來自本地。

二零一八年，本集團新聘員工297名，佔總員工數目的14.80%，員工流失數目（包括離職或退休）為188名，佔總員工數目的9.37%。

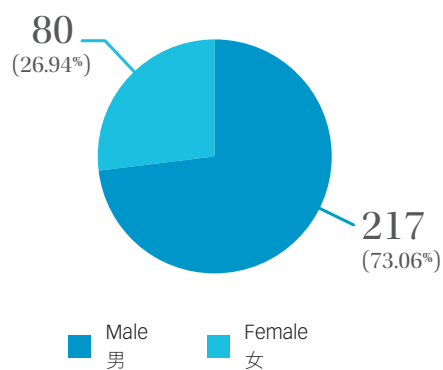


New Employees Statistics in 2018

二零一八年新聘員工數據統計

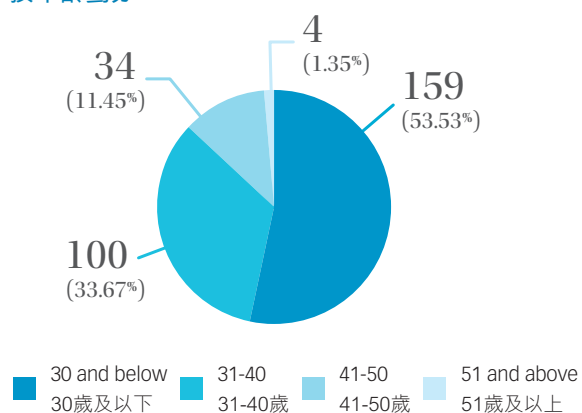
By gender

按性別劃分



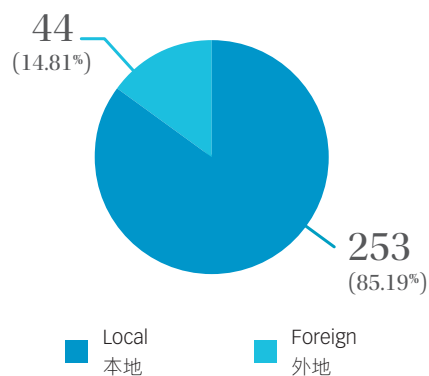
By age

按年齡劃分



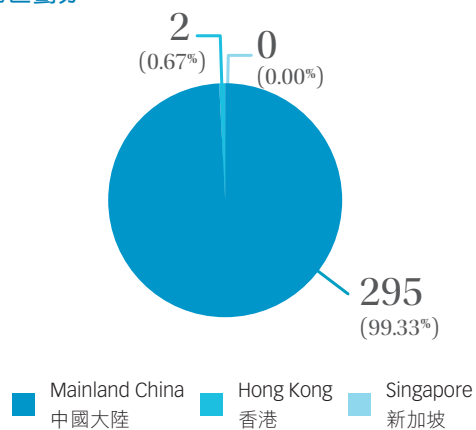
By geographical region

按地區劃分



By geographical region

按地區劃分



Note:

- (1) Employees hired from the same province in Mainland China are regarded as local employees, whereas the employees hired from other provinces in Mainland China are regarded as foreign employees.

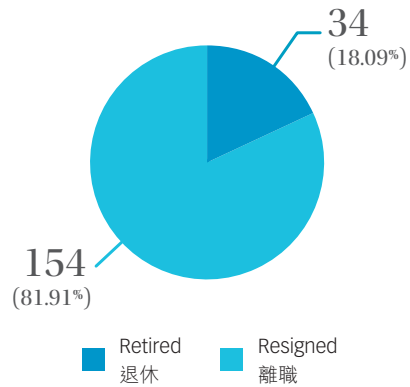
附註:

- (1) 在中國大陸同省受聘的員工被視為本地員工，而在中國大陸外省受聘的員工則被視為外地員工。

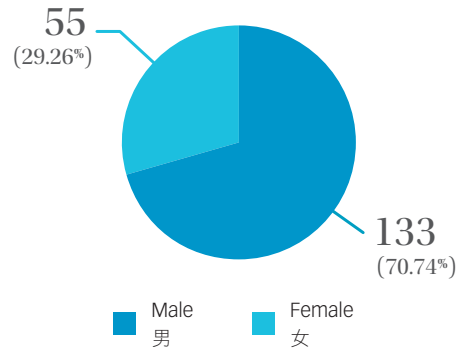
Employee Turnover (Resigned/Retired) Statistics in 2018

二零一八年員工流失（離職／退休）數據統計

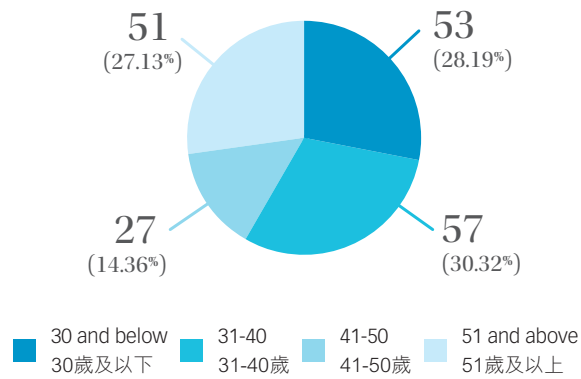
By type
按類別劃分



By gender
按性別劃分



By age
按年齡劃分



As a key player in water environment management industry, the Group places great emphasis on employees’ professional knowledge. Given that training of a senior technician leader can take 3 to 5 years, the Group monitors the number of employees who are eligible for retirement every year. Such compilation allows the Group to formulate its human resource policies for the long term, while providing employees with appropriate career management plans, including retirement arrangement.

作為水環境治理行業的重要參與者，本集團十分重視員工的專業知識水平。本集團深明培育人才需時，培養一位技術骨幹需時可長達3-5年之久。因此，本集團每年均會統計即將合資格退休的員工數目，長遠考慮、制定及調整人力資源政策，同時為員工提供包括退休安排在內的妥當職業生涯管理計劃。

Percentage of Employees Eligible for Retirement in 5 and 10 years

5年及10年內合資格退休的員工百分比

Employee ranking 員工職級	Within the next 5 years 5年內	Within the next 10 years 10年內
Senior management 高級管理人員	6.25%	13.54%
Middle-level management 中層管理人員	5.70%	11.07%
General and technical staff 一般及技術員工	7.44%	11.10%

Talent Development

發展人才

Based on the Group’s people-oriented Human Resources Management and Capacity Building Policy and transparent talent development framework, the Group offers diverse employee development programmes, such as: apprenticeship programme and collaboration with academic institutions. In response to the different personal development needs of its employees, the Group tailors and designs appropriate and efficient training programmes according to each of their positions, personalities and other needs.



基於以人為本的《人力資源管理培訓政策》和具透明度的人才發展框架，本集團提供多元化的員工發展計劃，如「導師」計劃和與院校開展合作等。針對各員工不同的個人發展需要，本集團按照員工的職位、性格及其他需求，度身訂制合適、高效的培訓計劃。



During the Reporting Period, the key components of the Group's employee development programmes included:

- **Comprehensive appraisal system**

The Group's internal assessment mechanism closely monitored employees' career development by setting accountable goals along with on-going evaluation. The system also helped cultivate outstanding employees who embraced the core values of the Group.

- **Tiered talent development strategy**

The Group established a managerial and technical backup talent pool and provided employees with internal competition and selection opportunities in the form of open and voluntary application, creating an echeloned and recursive talent structure. The Group recognised high performing talents by offering them with internal promotion opportunities.

- **Apprenticeship programme**

First launched in 2017 at the Group's Zhangqiu Waste Water Treatment Project, the apprenticeship programme allowed the skilled workers to lead new comers, which effectively passed valuable knowledge to new employees and helped the fresh blood establish practical career plans.

- **Technical talent training programme**

The Group consistently enhanced the training system for technical talents. Through industrial-academic collaboration, the Group invited local and overseas technical experts to provide trainings to managerial and technical employees of the Group's projects, widening the horizons of the Group's talents.

報告期內，本集團員工發展的重點計劃包括：

- **綜合考核機制**

本集團的內部考核機制為員工制定切實的工作目標並進行持續性的評估，以此緊密監察員工的職業發展。通過這一機制，本集團能夠培養擁護其核心價值的優秀員工。

- **梯隊式人才佈局**

本集團建立了後備幹部人才庫，以公開、自願報名的形式給予員工內部競聘及選拔的機會，並創造梯隊式和替補式的人才佈局，表彰高績效之人才並優先向他們提供內部晉升機會。

- **「導師」計劃**

自二零一七年在章丘污水處理項目正式開展，本集團的「導師」計劃使熟練技工帶領新技工工作，有效地把寶貴的技術知識傳承下去，並幫助本集團的新人制定可行的職業生涯規劃。

- **技術型人才培訓計劃**

持續完善技術人才隊伍培訓體系，透過「產學研」合作模式，積極組織海內外技術專家對項目管理層及技術人員進行培訓、交流，不斷提升自身人才隊伍的視野水平。

• Tailored training programmes

Apart from traditional training courses, the Group also provided external training opportunities under its training programmes. The Group is honoured to collaborate with leading local and overseas tertiary institutions, such as arranging the Group's management personnel and technical leaders to attend the CEO Course of Tsinghua University and the Engineering Master Programme of Zhejiang University. The Group also sent new employees to participate in Everbright's unique execution training. Such training cultivated the employees' team spirit and sense of responsibility by simulating a military-camp environment.

During the Reporting Period, the Group provided on-the-job trainings for all employees. The average training hours per employee of the Group reached 168.42 hours, which increased by more than 140% from 69.52 hours in 2017.

• 特殊培訓計劃

除了傳統的培訓課程外，本集團還把外部培訓機會納入培訓計劃中。本集團有幸與國內外一流大學合作，如為本集團高級管理人員及技術骨幹安排參加清華大學CEO班以及浙江大學工程碩士班。新員工則被安排參加光大特有的執行力拓展培訓，透過模擬軍營環境，培養員工的團隊精神及責任感。

報告期內，本集團均為每位員工提供在職培訓。員工人均培訓時數為168.42小時，較2017年的人均69.52小時增加超過140%。

Employee Training and Development Statistics in 2018

二零一八年員工培訓與發展數據統計



Average training hours per employee

員工平均培訓時數

168.42 Hours
小時

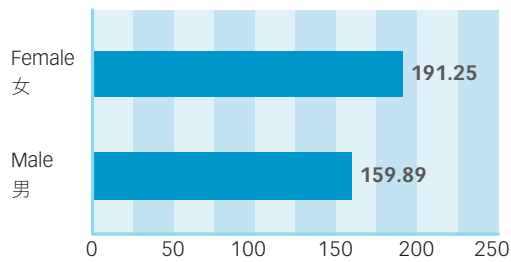
Total training hours

培訓總時數

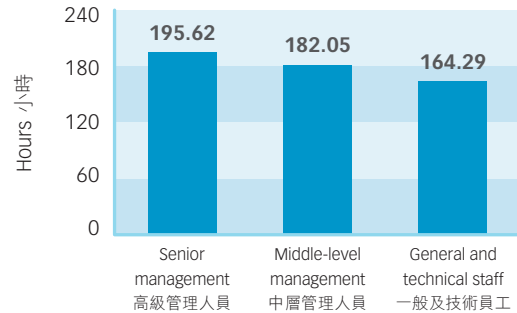
338,027.90 Hours
小時

Employee Training and Development Statistics in 2018 二零一八年員工培訓與發展數據統計

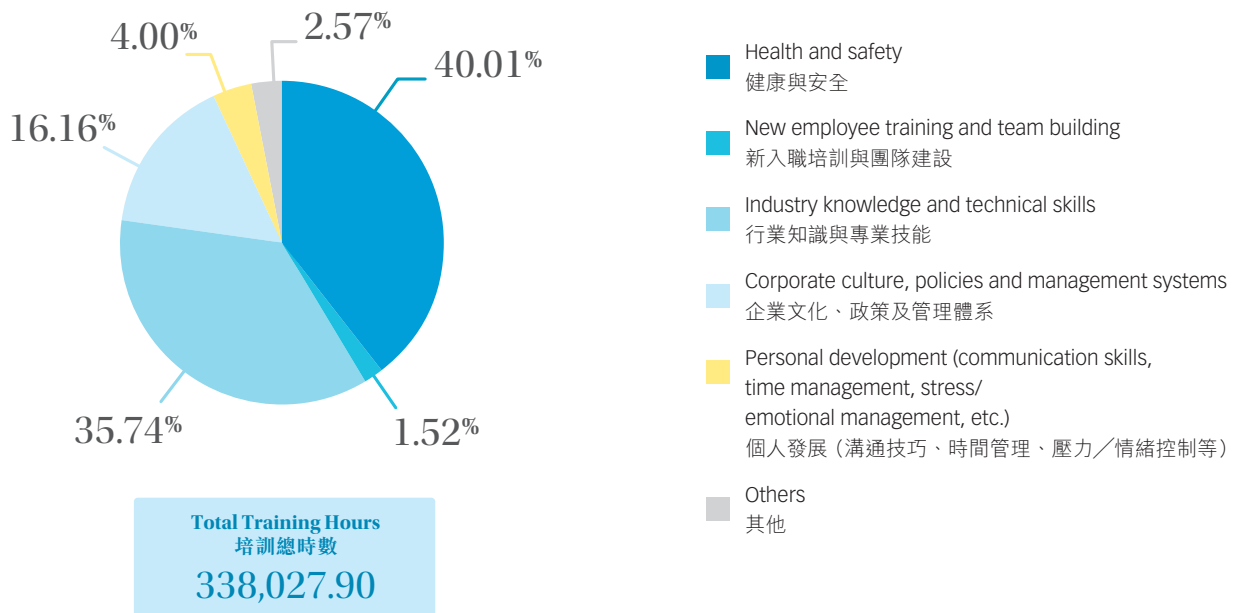
Average training hours by gender 平均培訓小時按性別劃分



Average training hours by employee ranking 平均培訓小時按員工職級劃分



Percentage of Training by Category 培訓類別的百分比



Safeguarding Employees

Equal Employment

As a socially responsible enterprise, Everbright Water views that a strict socioeconomic compliance helps to create a positive corporate image in its stakeholders' hearts and to enhance public confidence in the Group. Therefore, the Group complies with relevant socioeconomic laws and regulations, including Labour Law of the People's Republic of China ("PRC"), Social Insurance Law of the PRC and Anti-Unfair Competition Law of the PRC. The Group's Staff Handbook and Code of Conduct cover topics including compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, the prevention of child labour and forced labour, and other benefits and welfare. The policies also advocate a fair and open workplace and ensure that employees are protected from all forms of discrimination against gender, age, race, nationality, marriage status, etc. In the Group's Code of Conduct, the Group articulates the standard of behaviour that it expects its employees to live up to. The Code of Conduct covers topics, such as: bribery, extortion, fraud and money laundering. In addition, the Group provides trainings to help employees understand the meaning of the Code of Conduct and what they are expected to do. During the Reporting Period, there was no concluded legal case regarding corrupt practices brought against the Group or its employees.

Throughout the recruitment process, the Group only considers the ability and qualification of candidates, and factors such as gender, age, race will not be considered, to ensure fair employment. The Group's employment policies also ensure that the remuneration, training opportunities and career path of its employees are not limited by gender.



保障員工

平等僱傭

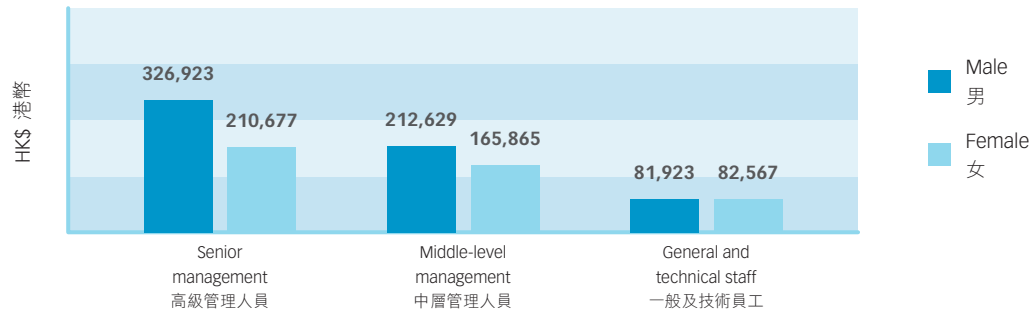
作為具有社會責任心的企業，光大水務深明自身對社會及經濟法規的遵循有助在各持份者心目中建立良好的企業形象，增強公眾對本集團的信心。因此，本集團堅守與社會及經濟領域有關的法律和法規，包括《中華人民共和國勞動法》、《中華人民共和國社會保險法》和《中華人民共和國反不正當競爭法》。本集團的《員工手冊》和《行為守則》涵蓋了薪酬及解僱、招聘及晉升、工作時數、假期、平等機會、多元化、反歧視、防止童工及強制勞動以及其他待遇及福利等議題，更提倡公平公開的就業平台，確保員工在工作中不會因性別、年齡、種族、國籍、婚姻狀況、宗教等因素而受到任何形式的歧視。本集團的《行為守則》闡述了其希望員工達到的行為標準。《行為守則》內容涵蓋賄賂、勒索、欺詐及洗黑錢等議題。除《行為守則》之外，本集團還提供培訓，幫助員工理解《行為守則》的含義以及他們應該怎樣做。報告期內並沒有對本集團或其員工的提出並已審結的貪污訴訟案件。



在招聘過程中，本集團絕不將性別、年齡、種族等因素納入聘請決策，而是專注評估應徵者的能力和質素，確保就業平等。為達至性別平等，本集團的僱傭政策還確保員工的薪酬、培訓機會和職業前景等不受性別所限。

Average Remuneration by Employee Ranking and Gender in 2018

二零一八年各員工職級的男女平均薪酬



The Group adopts a policy of zero tolerance on any misconduct, such as: discrimination, harassment, slanders, etc. Employees can raise grievances and opinions on labour/management relationship, human rights, workplace harassment and discrimination through the Group's grievance mechanism. Meanwhile, the Group, by referring to the Code of Conduct for Suppliers, assesses whether suppliers are involved in any misconduct, so as to join hands with suppliers to enhance the sustainable development performance. During the Reporting Period, there was no incident involving the use of child or forced labour by any project company or supplier.

本集團對於任何形式的歧視、騷擾、中傷等行為採取零容忍的態度，員工可透過本集團設立的申訴機制，在勞資關係、人權、職場騷擾及歧視等範疇上提出申訴或發表意見。同時，本集團亦參照《供應商行為準則》評估供應商是否存在用工不當的行為，藉此與供應商共同提高供應鏈的可持續發展表現。報告期內，本集團並未發現任何項目公司和供應商存在使用童工或強迫／強制勞動之事件。



Employees' Rights and Welfare

Everbright Water has established a comprehensive employee welfare system, providing employees with adequate welfare in strict compliance with the "People-Oriented" philosophy and the statutory requirements of the operating regions. The Group offers full-time employees with life insurance, medical care, disability and invalidity coverage, maternity and paternity leaves. In addition, the Group also awards bonuses regularly depending on the employees' performance. The Group hopes to help employees plan for retirement. On top of the mandatory endowment insurance required by laws, the Group developed a supplementary pension system as an additional retirement benefit for its employees. To enhance the physical and mental health of employees, the Group offers various leisure facilities in its project companies and regularly organises recreational activities, such as: sports competitions and outings. Body checks and occupational disease prevention check-ups are also arranged for employees on an annual basis.



Voluntary Chinese Medical Clinic

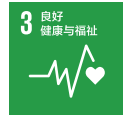
To support "World First Aid Day" on 9th September, Everbright Water's Nanjing Pukou Waste Water Treatment Project Company introduced voluntary Chinese medical clinic to raise employees' awareness of healthy lifestyle and prevention of disease. Chinese medical practitioners carried out an all-round diagnosis and provided employees with tailored treatment services as well as wellness plan based on different health conditions. The clinic received positive feedback from the employees.

In terms of improving women's welfare, the Group offers sufficient maternity leave to pregnant employees as well as paternity leave to male employees. The Group retains the position for female employees who are on maternity leave and encourages them to return to work after delivering their babies. The Group also ensures that their career development and remuneration remain unaffected by this.

員工權益及福利

光大水務建立了完善的員工福利制度，嚴格按照「以人為本」的宗旨以及運營地區的法定要求為員工提供足夠的福利保障，包括為正式員工提供人壽保險、醫療保險、傷殘保險、產假及侍產假等福利，並按員工表現派發獎勵花紅。

本集團亦希望協助員工更好地規劃退休生活，因此除了法律規定的強制性養老保險外，還貼心地建立了員工補充養老補貼作為額外的退休福利。為促進員工的身心健康，本集團在項目公司設置了各種文娛設施，定期舉辦體育競賽和郊遊等康體活動，並每年為員工提供免費的身體檢查服務及職業病防範檢查。

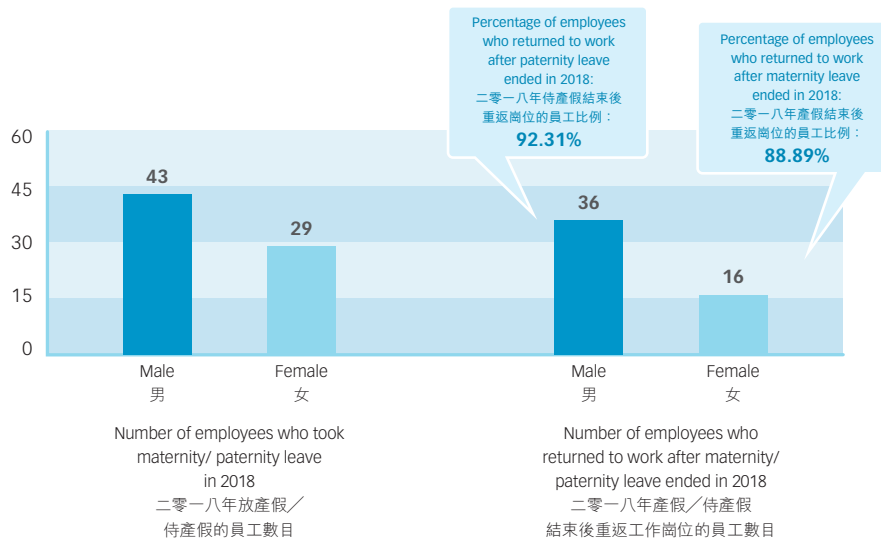


中醫養生義診

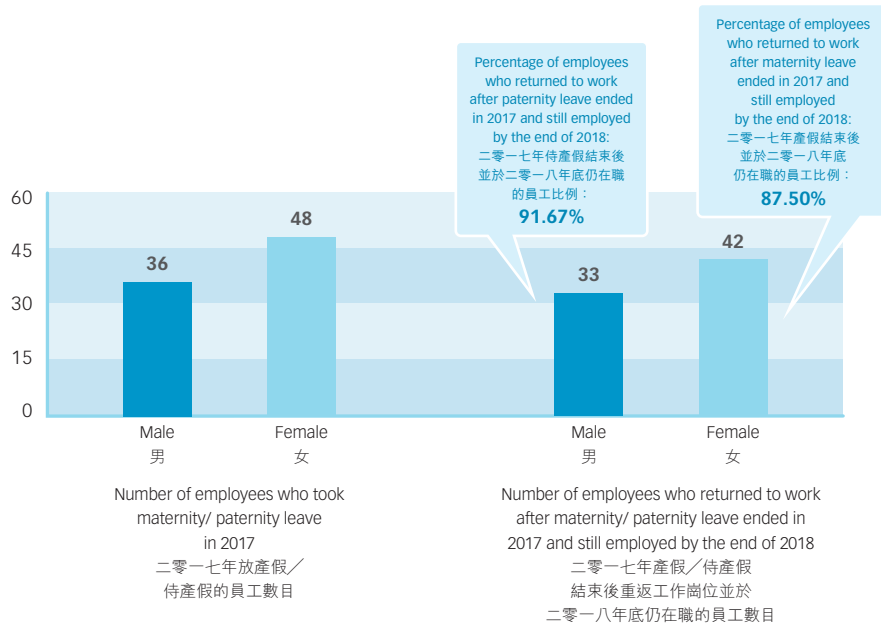
為迎接九月九日「世界急救日」，光大水務南京浦口污水處理項目公司為員工引進了中醫養生義診，旨在通過此次義診讓大家提高對健康生活的重視，防範疾病產生。中醫師通過「望、聞、問、切」的診症方式，根據每個人不同的身體症狀有針對性地提供治療服務，並度身制定健康養生方案，受到員工一致歡迎。

在提升女性福利方面，本集團給予懷孕員工充足的產假，並及給予男員工侍產假。本集團會為正在放產假的女性員工保留崗位，鼓勵她們分娩過後重返工作崗位，並保證其職業發展和薪酬不因此而受影響。

Employee Maternity/Paternity Leave Statistics and Number of Employees who Returned to Work after Maternity/Paternity Leave Ended in 2018 二零一八年產假／侍產假數據及產假／侍產假結束後重返工作崗位的員工總數



Employee Maternity/Paternity Leave Statistics in 2017 and Number of Employees who were still Employed by the End of 2018 二零一七年產假／侍產假數據及二零一八年底仍在職的員工總數



Note:

(1) As at 31 December 2018.

附註：

(1) 截至二零一八年十二月三十一日。

Occupational Health and Safety

Health and Safety Management System

Health and safety is the backbone supporting the Group's sustainable delivery of excellent water environment management projects, and lays a solid foundation for quality engineering construction and operations management for its various projects. During the Reporting Period, the Group further promoted the practical application of ESHS Management System and Risk Management System in maintaining project safety through diversified measures, including the launch of "Safe Production Month", formulation of relevant standards and guidelines, carrying out trainings on applicable laws and regulations, as well as provision of high-standard tools and personal protection equipment to employees. By implementing these measures, the Group can strengthen the safety management of the entire project construction and ensure that the project is compliant, safe and progressing smoothly.

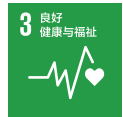


The Group establishes ESHS management teams at every project company and formulates a comprehensive incident report mechanism to monitor risks in the project life cycle. The internationally approved OHSAS18001 Occupational Health and Safety Management System is implemented at all the Group's operating projects to ensure operational safety. Furthermore, the Group extends the ESHS Management System to its supply chain by clearly stating relevant occupational health and safety requirements in the supplier contracts, thus monitoring the health and safety performance of the Group's key suppliers.

職業健康與安全

健康與安全管理體系

健康與安全是本集團持續提供卓越水環境治理服務的重要支撐，同時也為本集團旗下各項目的優質工程建設和運營管理奠定堅實的基礎。報告期內，通過開展「安全生產月」系列活動、制定相關標準和指引、開展相關法律法規專題培訓、為員工提供高規格的工具及個人防護裝備等多元化手段，本集團進一步深入推進ESHS管理體系和風險管理體系在維持項目安全方面的實際應用，強化項目建設的全過程安全管理，確保工程建設合規、安全、有序推進。



本集團在每個項目公司均設立ESHS管理團隊，並建立完善的事務通報系統，以管理整個項目週期中的潛在安全風險。本集團於旗下所有運營項目推行國際認可的OHSAS18001職業健康安全管理体系，保障運營安全。本集團更把ESHS管理體系伸延到供應鏈中，於供應商合約中清楚列明與職業健康安全相關的要求，並深入持續評估主要供應商的健康與安全績效。

During the Reporting Period, the Group's key health and safety measures also included:

- **Standardised trainings and guidelines**

The Group offered standardised trainings to increase the awareness of all employees on safe production. The trainings covered topics, such as: emergency response planning, operational hazards, first aid, health and safety regulations, etc., and were carried out in forms of seminars, forums, knowledge competition and drills.

- **Safety protection programmes**

The Group protected its employees' health by providing annual medical check-ups and occupational disease surveillance. Moreover, the Group set up an Employee Safeguard and Safety Fund, which can be disbursed upon application to provide support to employees who suffer from accidents or diseases, relieving financial burden of their families.

Emergency Response Planning

Each operating project has an emergency plan in responding to accidents at different stages of the project. The plan is enforced by the project's safety management team to safeguard the project company and nearby communities. The team is also responsible for regularly organising health and safety trainings on topics including emergency planning, operational hazards, laws, etc., with the aim of enhancing the employees' skills in handling emergencies and ensuring the contingency plans can be activated promptly and effectively under special circumstances.

報告期內，本集團的主要健康與安全措施還包括：

- **標準化培訓與指引**

本集團透過標準化的培訓提升員工對安全生產的意識。培訓內容涵蓋應急計劃、運營操作危害、急救及安全法規等議題，並以講座、研討會、知識競賽及演練等形式進行。

- **安全保障計劃**

本集團每年為員工提供醫療檢查及職業病監測，保障員工健康。此外，本集團設立了員工保障及安全基金，在員工不幸遭遇事故或疾病時，可以申領基金以緩解員工家庭的經濟壓力。

緊急事故應對方案

為了令員工有足夠知識及經驗應對項目不同階段所遇到的突發事宜，本集團每個運營項目皆設有專門的應急預案。應急預案由項目安全管理團隊執行，為廠區人員及鄰近社區的安全風險管理做好把關工作。該安全管理團隊負責定期為員工舉辦健康與安全培訓，涵蓋緊急應對計劃、運營操作危害、法律等議題，務求提高員工應對危機時的處理技巧，從而在特殊情況發生時能迅速高效地啟動應急預案。

Health and Safety Training Statistics

健康與安全培訓數據統計



Total hours of health and safety training

健康與安全培訓總時數

~135,240 Hours
小時

Average health and safety training hours per employee

安全與健康員工平均受訓時數

> 67 Hours
小時

Through comprehensive trainings, the Group hopes to inspire employees to realise and ponder about safety management, laying foundation for better daily safety production at workplace. The Group's health and safety trainings cover the following topics:

本集團希望透過全面的培訓活動激發全員對安全管理工作的認知與思考，為更好地開展作業場所日常安全生產管理工作奠定基礎。本集團的健康與安全培訓涵蓋以下內容：



Health and Safety Laws and Regulations

健康與安全方面的法律法規



ESHS Management System

ESHS管理體系



Safe Use of Equipment

設備裝置的安全使用



Recognition and Control of Sources of Hazards

危險源的辨識和控制措施



Monitoring and Risk Assessment at Different Risk Levels

風險分級管控和隱患排查



Procurement and Storage of Hazardous Items

採購及儲存危險物品



Emergency Management

事故应急管理



Occupational Health Management

職業健康管理



First Aid

急救



CASE STORY
個案分享

Electric Shock Emergency Drill at
Ji'nan Xike Waste Water Treatment Project
濟南西客污水處理項目觸電事故應急演練

Waste water treatment plants are full of hazards, particularly with large tanks and equipment without enclosure. Therefore, safe use of electrical equipment has been one of the major focuses in occupational health and safety. To practice safe use of electricity, employees are required to ensure a compliant and safe operation as well as to be familiar with the handling of electric shock accidents. In view of this, Ji'nan Xike Waste Water Treatment Project organised an electric shock emergency drill in early February 2018, focusing on the methods to examine the injury level of the victims, including touching the neck artery and checking the pupils to determine whether the victim is in a state of "apparent death". The drill also aimed at familiarising employees with the use of cardiopulmonary resuscitation to provide immediate help to the victim. This drill not only improved the employees' emergency response and rescue capabilities, but also strengthened the employees' awareness of safety, laying a solid foundation for safe production during the Chinese New Year.

污水處理廠池高水深，多露天設備，因此安全用電是其中一項職業安全健康重點。要實踐安全用電，除了要確保操作遵守安全規範外，員工尤其需要熟識觸電事故的處理。有鑑於此，濟南西客污水處理項目於二零一八年二月初舉行觸電事故應急演練，重點強調檢查觸電人員傷勢的方法，包括摸頸部動脈、檢查瞳孔等方式，以判斷傷者是否處於「假死」狀態，並要求熟練運用標準的心肺復蘇法對傷者進行急救。此次實戰演練，不但提高了員工對觸電事故的應急反應及救援能力，更給全體員工在思想上擰緊了一道「安全弦」，為春節期間的安全穩定生產奠定了堅實的基礎。





CASE STORY 個案分享

Operation Quizzes and Drills 現場實操知識問答及模擬演練

During the Reporting Period, Xinyi City Waste Water Treatment Project carried out random operational safety quizzes and safety drills twice a week to provide guidance and correction to on-site employees. The launch of the activities raised employees' awareness of safety precautions and enhanced their capabilities in preventing accidents and responding to emergencies, and solidified safe and efficient operation at the plant.

報告期內，新沂城市污水處理項目每週兩次開展了對現場運營人員實際操作安全知識的隨機問答，以及安全防護設施實操模擬演練的活動，對發現的錯誤現場給予指導糾正。此項活動的開展，增強了員工的安全防範意識，普及了安全知識，更提高了員工的事故防範和應急處理能力，為安全高效地開展工作奠定了堅實基礎。



CASE STORY 個案分享

Occupational Health and Safety Lectures 職業健康安全知識講座

In order to enhance employees' awareness of occupational safety, Zhangqiu Waste Water Treatment Project engaged lecturers from Shandong Safety and Health Education Centre to provide lectures on safety knowledge during the Reporting Period. Comprehensive presentation was delivered by the lecturers on safety knowledge including emergency rescue, impacts of air pollution on human health, healthy lifestyle in the workplace, prevention of occupational diseases, etc. Through lecturers' demonstration, interactions between employees and Q&A sessions, employees enhanced their understanding and emphasis on occupational health and safety.

為進一步提升員工職業安全意識，章丘污水處理項目於報告期內聘請山東省安全健康教育中心講師現場開展安全知識講座。培訓講師從緊急救護知識、空氣污染對人體健康的影響、職場健康的生活方式、職業病防治等方面進行了詳細的講解。通過講師示範、員工互動、問答解疑等環節，廣大員工提高了對職業健康安全知識的了解與掌握，加強了對職業健康安全的重視程度。

Occupational Health and Safety Statistics in 2018

二零一八年職業健康與安全數據統計



Total working hours 工作總時數



Employees of
Everbright Water
光大水務員工

3,918,000
Hours 小時



Third-party contractors
and subcontractors
working onsite
第三方承包商及分包商
駐場工人

376,736
Hours 小時



Total working hours
總工作時數

4,294,736
Hours 小時



Employees 員工



Number of
work-related fatalities
因工死亡個案

0



Number of high-
consequence work-related
injuries (excluding fatalities)⁽¹⁾
嚴重工傷個案
(不包括死亡個案)⁽¹⁾

0



Number of
occupational diseases
職業病個案

0



Number of
work-related injuries
工傷個案

1



Rate of
work-related injuries⁽²⁾
工傷率⁽²⁾

0.05



Days of absence
from work due to
work-related injury
因工傷缺勤日數

3



Third-party contractors and subcontractors working onsite 第三方承包商及分包商駐場工人



Number of
work-related fatalities
因工死亡個案

0



Number of high-
consequence work-related
injuries (excluding fatalities)⁽¹⁾
嚴重工傷個案
(不包括死亡個案)⁽¹⁾

0



Number of
occupational diseases
職業病個案

0



Number of
work-related injuries
工傷個案

0



Rate of
work-related injuries⁽²⁾
工傷率⁽²⁾

0



Days of absence
from work due to
work-related injury
因工傷缺勤日數

0

Notes:

附註：

(1) High-consequence work-related injuries refer to work-related injuries that result in a fatality or in an injury from which the worker cannot, does not, or is not expected to recover fully to pre-injury health status within 6 months.

(2) Rate of work-related injuries = (Total number of work-related injuries/Total working hours) × 200,000.

(1) 嚴重工傷是指導致死亡，或導致工作者無法或難於六個月內恢復至受傷前健康狀態的工傷。

(2) 工傷率 = (工傷個案總計 / 工作總時數) × 200,000。

08

We care for blue sky and white cloud,
undertake environmental protection responsibility, and
CONTRIBUTE TO THE COMMUNITY

愛護藍天白雲，承擔環保責任，造福社會



As an environmental protection enterprise, the Group is committed to understanding and responding to the needs of communities in which the Group's projects are located. By caring about the local communities and actively taking part in charitable activities, the Group devotes itself to promoting sustainable development of the communities. Everbright Water has been cultivating a caring and responsible working environment within the Group. The Group also encourages its employees to participate in charitable events to promote social inclusion and fulfill the corporate social responsibility. To ensure the harmony between its operating projects and the community, the Group proactively promotes community engagement and follows the prevailing local statutory and regulatory requirements as well as applicable IFC guidelines. The Group takes into account social concerns at the beginning stage of project life cycle, thus ensuring that any resettlement associated with its project development will be properly managed in accordance with applicable laws and all the affected people will receive fair and adequate compensation and rehabilitation.

As one of the leading enterprises in China's water environment management industry, the Group leverages on its competitive advantages in technology, resources and talent, and joins hands with various environmental technology associations and government organisations to undertake the responsibility of increasing public awareness on environmental protection and promoting advanced environmental technology.

作為環保企業，本集團致力了解及回應營運項目所在社區的需求，切身關懷社區並積極參與公益活動，為社區的可持續發展作出貢獻。本集團一直對內宣揚互助互愛、勇於承擔的精神，鼓勵並支持員工參與各項公益活動，促進社區的平等共融，踐行企業社會責任。為確保本集團的營運項目與社區和諧共處，本集團遵循適用的IFC指引和當地相關法律法規要求，積極推動社區參與，並將社會關注點納入項目生命週期的初始階段，從而確保與項目開發相關的搬遷安置工作按照適用法律進行妥善管理，受影響人士將得到公平、充分的補償和安置安排。

作為中國水環境治理行業的領先企業之一，本集團利用其在技術、資源及人才方面的優勢，聯同多個環保、科技協會以及政府機構，義不容辭地承擔提升公眾環保意識和推廣先進環保技術的重任。

Caring for the Community



In 2018, we participated in **12** charity events
二零一八年參與了 12 次慈善公益活動



關懷社會



Total number of volunteers **121**
義工總人數 121 人



Total volunteer services hours **568** Hours
義務服務總小時 568 小時



Charitable donations **976,536.96** HK\$
捐款總金額 976,536.96 元港幣



Under the guidance of Everbright International's Donations and Sponsorships Management Measures, the Group consistently devotes resources to empowering and promoting the integration of social, economic and environmental benefits to prevent unfair treatment due to factors such as age, gender and disability and help the disadvantaged. During the Reporting Period, the Group's employees spent a total of 568 hours in various kinds of philanthropic and charitable events, including voluntary fund-raising, family visits, voluntary duty service, etc.

"Qionglong Mountain – Walking Gesang Flower" Fund Raising Walkathon

During the Reporting Period, the Group's Suzhou Project Company continued to participate in the "Walking Gesang Flower" walkathon, raising funds for the Gesang Flower Western Development Camp Project to support students living in underprivileged areas in Western China. Besides donations, the project company's employees also demonstrated the corporate culture by taking the lead to clean up the streets along the route, which was highly acknowledged by other participants and the organising committee.

Caring for Children's Homes

To spread the optimism energy, the Group's Ji'nan Project Company combined the initiative of "Learning from Lei Feng" on 5 March and the "International Women's Day" on 8 March and organised the "Promoting Lei Feng Spirit, Spreading Love and Warmth" charitable event for the local children's homes. Representatives from the plants and laboratories under the project company as well as staff from different departments of the project company participating in the donation event gathered at the lobby of the office building of the project company to donate voluntarily. The event received more than 150 participants and raised donations of RMB4,245. The project company used the funds raised from the donations to buy daily necessities for children in Ji'nan Children's Home, including formula milk and diapers. Subsequently, female employees and representatives of the Communist Youth League of the project company delivered the necessities to the children with love.

Performing for the Elderly

During the Reporting Period, the Group's Zibo Project Company sent a performance group to a nursing home in Taihe Town of Zichuan District. Apart from performing an impressive Chinese opera, the team also donated clothes to the elderly, spreading warmth and love during the winter season. Through the donations, visits and community services, the Group hoped to reduce inequalities regarding access to health, education and other basic rights.

在光大國際《對外捐贈、贊助管理辦法》的引領下，本集團持續投入資源促進和推廣社會、經濟和環境共融，使人們不會因年齡、性別、殘障等因素受到不公對待，並努力為弱勢社群謀求福祉。報告期內，本集團的員工身體力行參與各個範疇的慈善及公益活動，包括自願籌款、家庭探訪、義務勞動等等，義工服務總時數達568小時。

「穹窿山 • 行走的格桑花」公益徒步活動

報告期內，蘇州項目公司繼續參與「行走的格桑花」公益徒步活動，為格桑花西部拓展營項目和中國西部貧困地區的學生籌款。除了捐款以外，項目公司員工更以身作則沿途清理街道，此舉不但體現了本集團優秀的企業文化，更得到其他參與人員和主辦方的充分肯定。

為福利院兒童獻愛心

為凝聚和傳播正能量，濟南項目公司將三月五日「學雷鋒」活動和三月八日「國際婦女節」活動相結合，開展了「弘揚雷鋒精神，傳遞愛與溫暖」為主題的兒童福利院獻愛心活動。項目公司旗下各廠、化驗中心代表及各部門參加捐款的人員齊聚在公司一樓大廳，進行自願捐款。活動最終獲超過150人參加，籌得愛心款項人民幣4,245元。公司用愛心款為濟南市兒童福利院的孩子們購買了奶粉、紙尿褲等生活必需品。其後，公司女職工及團青代表來到濟南市兒童福利院，將愛心物資親手送到孩子們手上。

為老人獻上愛心演出

報告期內，淄博項目公司組織愛心演出團到淄川區太河鎮養老院探訪，除了送給老人家們一台精彩的文化大戲，更向他們捐獻衣物，在寒冬給公公婆婆們送上溫暖和祝福。本集團希望透過籌款、探訪和社區服務，減少人們在獲得健康和教育等基本權利方面的不平等狀況。

Promotion of Environmental Protection Education

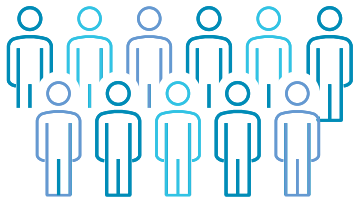
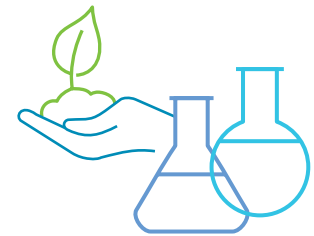
宣揚環境保護教育



As at 31 December 2018

截至二零一八年十二月三十一日

A total of **11** projects were recognised as "Environmental Education Hub" or "Science Popularisation and Education Hub"
我們共有 **11** 個項目獲封「環境教育基地」或「科普教育基地」



Our projects received **over 20,700** visitors
我們的項目共接待 **超過 20,700** 名參觀人士

in more than 800 batches
逾 800 批次

The Group accords high priority in the public environmental protection education, aiming to popularise environmental protection knowledge at all ages. The Group hopes to educate the next generation to actively undertake the responsibility of environmental protection through various interactive channels. The Group's project companies, which are located in different provinces, participated in various international and domestic environmental and technological events, such as: the World Water Day, World Environment Day and National Science Popularisation Day. The Group also continued to stay aligned with the National Scientific Literacy Action Plan and Science Popularisation Infrastructure Development Plan implemented in China. Various project companies of the Group have formulated policies to voluntarily open up the facilities for public scrutiny, while providing public with a sound platform to equip with environmental protection knowledge. For instance, Ji'nán Project Company, which is a national science popularisation education hub and environmental education hub, announced during the Reporting Period that it would open up its project for public visits on every Friday and provide free and professional explanation to the public regarding the environmental facility and green lifestyle.

本集團非常重視公眾的環保教育，以於各年齡層普及環保知識為己任。本集團希望透過各種互動式的體驗，教育下一代積極承擔環境保護的責任。本集團位於各個省份的項目公司以不同形式參與了多個國際及國內的環保科技活動，如「世界水日」、「世界環境日」和「全國科普日」等。本集團亦繼續配合國家落實《全民科學素質行動計劃綱要》和《科普基礎設施發展規劃》，多個項目公司已制定了環保開放日政策，自願接受公眾監督的同時為大眾提供學習環保知識的優質平台。例如，濟南項目公司作為「全國科普教育基地」及「環保教育基地」，於報告期內宣佈把每週五定為公眾開放日，向公眾就環保設施和綠色生活提供免費的專業講解。

World Environment Day on 5 June

Environmental Promotion and Water Sample Display

On 5 June 2018, Ji'nan Project Company participated in the promotion events of World Environment Day held at Shandong Provincial Museum Square to actively demonstrate its role as national environmental education hub and raise public awareness on environmental protection. With the theme of "I am the Enabler for a Beautiful China", the project company organised various environmental promotion events. By providing vivid presentation through the bulletin boards, the project company helped the public recognise the importance of protecting the water resources and preventing the water pollution. The project company also displayed samples of the waste water influent, effluent and direct drinking water to demonstrate the Group's unwavering and significant effort in waste water management.

Children Themed-painting Competition

In support of the World Environment Day on 5 June, the Group's Lianyungang Project Company and Dalian Project Company respectively joined hands with the local government in organising the children painting competition themed "Drawing Lush Mountains and Lucid Water with a Childlike Heart". About 100 children gathered together and created a 100-metre-long painting, which depicted an image of "Beautiful China" in the children's heart and enhanced the children's environmental awareness in ecological conservation. The competition also allowed the children to contribute to a "Green Home" and a "Civilised City". The Dalian Project Company also displayed bulletin boards at the event to deepen public knowledge on environmental protection. The event was highly acknowledged by government departments and various social circles and received positive feedbacks from the society. During this event, while promoting environmental protection, Everbright Water demonstrated its core values and social responsibility to the society.



「六•五」世界環境日系列活動

環保宣傳和樣品展示

為積極發揮國家級環境教育基地作用，提高公眾的環境保護意識，濟南項目公司在山東省博物館廣場參加了二零一八年「六•五」世界環境日宣傳活動。圍繞「美麗中國，我是行動者」的活動主題，項目公司開展了形式多樣的環保宣傳活動。通過宣傳展板的生動講解，讓公眾了解到保護水資源、防治水污染的重要性。項目公司還展示了現場污水進水、出水和直飲水等樣品，使市民清楚了解本集團在治理污水方面的努力和顯著成效。

兒童主題繪畫比賽

為響應「六•五」世界環境日，連雲港項目公司和大連項目公司分別與當地政府攜手舉辦了「青山綠水共為鄰，拳拳童心繪環保」兒童主題繪畫比賽活動。通過百名少年兒童共繪百米長卷的形式，展示孩子們心中「美麗中國」的形象，並喚起孩童關注生態環保的意識，為創建「綠色家園」和「文明城市」作出貢獻。另外，大連項目公司還在現場設置了宣傳展報，讓公眾對環保知識有進一步了解。該活動得到了政府部門及社會各界的高度讚揚，引起了良好的社會反響，在提出環保倡儀的同時，也向社會各界廣泛宣傳了光大水務的核心價值，充分彰顯了光大水務的社會責任。



Qingdao Waste Water Treatment Project (Haibohe Plant) Recognised as Municipal Environmental Education Hub

To promote ecological conservation for a beautiful Qingdao, Qingdao Haibohe Project Company adopted a series of measures to receive visitors from all walks of life. In order to provide visitors with professional and audience-friendly presentations, the project company sent a batch of promising and competent docents to different project companies of the Group for presentation trainings, and also engaged professional organisations to provide trainings to the docents. Furthermore, the project company designed presentation plans according to the age, occupation, and demand of visitors to satisfy their different needs. In February 2018, Qingdao Waste Water Treatment Project (Haibohe Plant) was recognised as the Municipal Environmental Education Hub.

Everbright Water's Open Day Initiative of its Projects in Liaoning Region

The Everbright Water's projects in the Liaoning region actively held environmental protection open day activities, receiving approximately 1,500 visitors during the Reporting Period. During the tours, the visitors were enthusiastic for environmental knowledge regarding water treatment and actively raised questions to the project staff. Under the guidance of the staff, the public visited the central control room and understood the processes of municipal waste water treatment. The open day also allowed the public to enter waste water treatment plants and have a comprehensive, in-depth understanding on the advanced waste water treatment processes, water quality assurance measures and water discharge services. Through the open day, the public can understand the scarcity of water resources and cultivate a water-saving habit in daily lives.

青島污水處理項目（海泊河廠）獲市級環境教育 教育基地稱號

為弘揚生態文明理念，推動美麗青島建設，青島海泊河項目公司開展了一系列多方位的舉措，為接待社會各界參觀的準備工作添磚加瓦。為了給參觀人員提供更加專業與通俗易懂的講解服務，除了選派一批具潛質的優秀講解員到各項目進行參觀接待巡迴練習外，還邀請專業機構為講解員進行培訓。為了精益求精，項目公司更根據不同年齡、職業、需求的參觀群體分別制定講解方案，以滿足社會各界人士的需求。青島污水處理項目（海泊河廠）於二零一八年二月被評為市級環境教育基地。

光大水務遼寧區域開展環保開放日活動

光大水務遼寧區域積極安排環保開放日活動，於報告期內共接待約1,500人次。參觀期間，群眾熱情積極地向水廠人員詢問水處理方面的環保知識，並在工作人員的帶領下參觀了中控室，了解生活污水處理的基本流程。開放日活動讓廣大群眾走進污水處理廠，實地參觀體驗，以此全面深入地瞭解先進的污水處理工藝、水質保障措施和排水服務，感受水資源的來之不易，從而使參觀者增強節水、愛水意識，養成良好的用水習慣。



Projects with Major Education Recognitions in 2018 二零一八年主要項目教育榮譽

Project 項目	Recognition 榮譽
Lianyungang Dapu Waste Water Treatment Project 連雲港大浦污水處理項目	Open Day Promotion and Education Centre 公眾開放宣傳教育中心
Dalian Malanhe Waste Water Treatment Project Phase II 大連馬欄河污水處理項目二期	Dalian Environmental Education Hub 大連市環境教育基地
Dalian Siergou Waste Water Treatment Project 大連寺兒溝污水處理項目	Dalian Environmental Education Hub 大連市環境教育基地
Binzhou Development Zone Waste Water Treatment Project Phase I 濱州開發區污水處理項目一期	Environmental Education Hub 環境教育基地
Qingdao Waste Water Treatment Project 青島污水處理項目	Qingdao Environmental Education Hub 青島市環境教育基地 Qingdao Ecological and Cultural Literacy Education Hub for Primary School Students 青島小學生態素養聯合教育基地
Ji'nan Waste Water Treatment Project 濟南污水處理項目	Ji'nan Outstanding Science Popularisation and Education Hub 濟南市優秀科普教育基地 Shandong Provincial Environmental and Science Popularisation Hub 山東省省級環保科普基地 Shandong Provincial Environmental Education Hub 山東省省級環境教育基地 National Environmental Education and Social Practice Hub for Primary and Secondary School Students 全國中小學環境教育社會實踐基地 National Science Popularisation and Education Hub 全國科普教育基地
Sanmenxia Waste Water Treatment Project 三門峽污水處理項目	Sanmenxia Environmental Education Hub 三門峽市環境教育基地
Xianyang Waste Water Treatment Project 咸陽東郊污水處理項目	National Environmental Education and Social Practice Hub for Primary and Secondary School Students 全國中小學環境教育社會實踐基地 Sino-Japanese Technological Cooperation and Environmental Education Pilot Hub 中日技術合作環境教育基地試點單位 Shaanxi Province Science Popularisation and Education Hub 陝西省科普教育基地 Shaanxi Province Youth Technology Education Hub 陝西省青少年科技教育基地 Xianyang Youth Environmental Education Hub 咸陽市青少年環境教育基地 Weicheng District Science Popularisation and Education Hub 渭城區科普教育基地
Dezhou Nanyunhe Waste Water Treatment Project 德州南運河污水處理項目	Environmental Education Hub 環境教育基地
Ling County Waste Water Treatment Project 陵縣污水處理項目	Environmental Education Hub 環境教育基地
Zhangqiu Waste Water Treatment Project 章丘污水處理項目	Ji'nan Science Popularisation and Education Hub 濟南科普教育基地

Major Science, Technology and Environmental Education Activities in 2018

二零一八年主要科技及環保教育活動

Green Partner 綠色夥伴	Activity 活動
E20 Environmental Platform E20環境平台	Selected as China's Top 10 Most Influential Enterprises in China's Water Industry in 2018 獲選為二零一八年度中國水業十大影響力企業
Ji'nan Association for Science & Technology ("JAST") 濟南市科學技術協會	Attended JAST 8 th General Meeting in March, Annual Conference in May and 9 th Representative Meeting in November 2018 二零一八年三月、五月及十一月分別參加濟南市科協的第八屆全委會、企事業工作會議及第九次代表大會
Water Supply and Drainage Branch of Shandong Urban Construction Management Association 山東省城市建設管理協會城鎮供排水分會	Attended relevant meetings 參加會議
Shandong Urban Construction Management Association 山東省城市建設管理協會	Participated in the Provincial Municipal Waste Water Treatment Plant Operators (Qingdao) Trainings in May, September and November 2018 二零一八年五月、九月及十一月參加全省城市污水處理廠運行操作人員(青島)培訓班
Ji'nan Urban Water Supply and Drainage Association 濟南市城鎮供水排水協會	Attended the 7 th Session of the 3 rd Council Meeting in August 2018 二零一八年八月參加濟南市水協第三屆七次理事會議
Drainage Branch of Wuxi Public Utility Association 無錫市市政公用協會排水分會	Attended the 6 th Session of the 2 nd Council Meeting on 4 May 2018 二零一八年五月四日參加第二屆六次理事會
Jiangyin Society for Environmental Sciences 江陰市環境科學學會	Attended the annual meeting in April 2018 二零一八年四月參加年會
Lianyungang Water Supply and Drainage Association 連雲港市給排水協會	Attended the annual meeting 每年定期召開年會
Total contributions to the green partners in 2018 amounted to RMB157,000	二零一八年對綠色夥伴的總經濟貢獻：人民幣157,000元

The SDGs are a series of the United Nations' international development goals. The objectives are to improve the three areas of development issues – social, economic and environmental – in an integrated approach from 2015 – 2030. The goals also encourage every country to protect the Earth while promoting economic growth, and move towards a sustainable development path and create a fairer and a more environmental world.

Everbright Water is an enterprise focusing on environmental water management and aquatic ecosystem restoration, with an aim of improving the water environment and alleviating the water resource crisis in China. The Group's vision is aligned with the SDGs. In the future, the Group will continue to play a proactive role in implementing various SDGs through leveraging on its innovative technology to operate various kinds of environmental projects, as well as organising volunteering events and poverty alleviation activities.

The summary below depicts how the Group's operational policies and activities are closely related to the SDGs.

Environment



Ensure healthy lives and promote well-being for all at all ages

確保健康的生活方式，促進各年齡段人群的福祉

可持續發展目標是聯合國發佈的一系列國際發展目標，旨在於二零一五年至二零三零年期間以整合方式改善社會、經濟和環境三方面的發展問題，呼籲所有國家在促進經濟繁榮的同時保護地球，並朝著可持續發展的道路進發，建立一個更公平、更環保的世界。

光大水務是一家專注於水環境治理及水生系統修復的企業，旨在改善中國水環境並協助緩解水資源短缺危機。本集團的願景與可持續發展目標一致，未來將繼續以創新的技術運營各類環保項目，並透過開展及參與志願活動和扶貧等具體行動參與各項可持續發展目標的落實。

以下概要描述了本集團的運營方針與活動如何與可持續發展目標息息相關。

環境

The effluent discharged from most of the Group's waste water treatment projects complied with Grade 1A standard of "Discharge Standard of Pollutants for Municipal Wastewater Treatment Plant" (GB18918-2002). Through purifying waste water into clean water that complies with relevant environmental regulations, the Group contributes to tackling water pollution, thus reducing public health risk. 本集團大部分污水處理廠的出水均符合《城鎮污水處理廠污染物排放標準》(GB18918-2002)的一級A標準。透過將污水淨化為符合環保法規的潔淨水源，本集團為解決水污染問題作出貢獻，減低公眾的健康風險。



Ensure availability and sustainable management of water and sanitation for all

為所有人提供水和環境衛生並對其進行可持續管理

The Group ensures that municipal and industrial waste water treatment projects under operation comply with stringent national standards. Under appropriate circumstances, reclaimed water produced by reusable water projects are reused as cooling water and landscape irrigation water to reduce freshwater demand. The Group treated a total of 1,271,248,000 m³ of waste water and produced 16,299,000 m³ of reusable water in 2018.

本集團確保運營的生活及工業污水處理項目符合嚴格的國家標準，並在適當情況下透過中水回用項目將回用水循環再用在冷卻和園景等用途上，從而減少對淡水的需求。本集團於二零一八年共處理了約1,271,248,000立方米的污水和生產了約16,299,000立方米的回用水。



Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation

建造具備抵禦災害能力的基礎設施，促進具有包容性的可持續工業化，推動創新

Ji'nan Huashan Waste Water Treatment Project, the Group's first fully underground waste water treatment project, commenced operation in August 2018. The project not only helps to solve the waste water treatment problem for the Huashan District, but also saves valuable land resources for use in community development.

本集團首個全地下式污水處理項目－濟南華山水質淨化項目於二零一八年八月正式投運，該創新項目不但解決了華山片區污水處理的民生問題，更節省了寶貴的土地資源，令騰出的土地得以用作有利社區發展的用途。



Make cities and human settlements inclusive, safe, resilient and sustainable

建設包容、安全、有抵禦災害能力和可持續的城市和人類住區

The Group's sponge city project is good in adapting to environmental changes and natural disasters. The cities are able to absorb, store, infiltrate and purify rainwater during rainy days, and can release the stored rainwater for use when needed. The sponge city project enhances the city's function as an ecological system and reduces the occurrence of flooding.

本集團的海綿城市項目於適應環境變化、應對自然災害等方面具有良好彈性。雨天時能夠吸水、蓄水、滲水、淨水，需要時將蓄存的水釋放並加以利用，提升城市生態系統功能和減少城市洪患的發生。



Ensure sustainable consumption and production patterns
採用可持續的消費和生產模式

The Group's waste water treatment projects unavoidably produce sludge during the process of purifying waste water. In order to safely treat and utilise the sludge, the Group engages qualified third parties to turn sludge into useful materials for the production of compost, construction material, or energy recovery via incineration so as to reduce the environmental impact. During the Reporting Period, the Group generated a total of 854,631.36 tonnes of sludge.

本集團的污水處理項目在淨化污水同時無可避免地會產生污泥。為了安全處置及善用污泥，本集團聘請合資格第三方把污泥回收加工以作堆肥、建材利用，或透過焚燒回收能源，從而減低其對環境的影響。報告期內，本集團共產生854,631.36噸污泥。



Take urgent action to combat climate change and its impacts

採取緊急行動應對氣候變化及其影響

The Group's waste water treatment project in Qingdao generates green electricity with biogas produced from sludge treatment so as to replace the consumption of fossil fuel and offset GHG emissions. The Group's operations offset 14,010.75 tonnes of carbon dioxide equivalent emissions in 2018.

本集團位於青島的污水處理項目利用污泥處理時所產生的沼氣產生綠色電力，以代替化石燃料的使用，從而抵消了溫室氣體排放。二零一八年，本集團的運營共抵消14,010.75噸二氧化碳當量排放。



Conserve and sustainably use the oceans, seas and marine resources for sustainable development

保護和可持續利用海洋和海洋資源以促進可持續發展

The Group's selection of the project locations complies with stringent environmental impact assessment requirements, which prevent adverse effect to the water bodies and ecological sites near the sites. Besides, the Group's Nanjing Municipal Water PPP Project reduces the amount of pollutants discharged directly into the river and revitalises fresh water ecosystems through the diversion of rainwater and waste water into separate pipelines of the water pipeline network.

本集團的項目選址均符合嚴格的環境評估準則，防止對項目周邊的水體和動物棲息地帶來不利影響。另外，本集團的南京涉水市政工程PPP項目透過對河流進行雨污分流並接入管網系統，減少了直排河道的污染物，逐步恢復了水體的生態環境。



Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

保護、恢復和促進可持續利用陸地生態系統，可持續管理森林，防治荒漠化，制止和扭轉土地退化，遏制生物多樣性的喪失

The Group's integrated river restoration projects improve the health of river ecosystems, including riparian habitats. The Group's river ecological restoration works under construction and in preparatory stage are expected to conserve 3.58 km² of riparian zone.

本集團的綜合河道治理項目改善河道生態系統的健康，當中包括河岸棲息地。目前本集團處於建造及籌備階段的河道生態治理工程將保育3.58平方公里的河岸棲息地。

Social



Ensure healthy lives and promote well-being for all at all ages

確保健康的生活方式，促進各年齡段人群的福祉

The Group formulates relevant safety standards and guidelines and provides various trainings to its employees through the launch of "Safe Production Month", thus ensuring a safe workplace for its employees.

本集團開展了「安全生產月」，為員工制定相關安全標準及指引，並提供各專題培訓，確保員工在安全的工作環境內工作。



Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

確保包容和公平的優質教育，讓全民終身享有學習機會

The Group proactively participates in various international environmental and technological events, and opens up its projects for public visits with the aim of providing the public with an excellent platform to build up environmental protection knowledge. In 2018, the Group received more than 20,700 visitors.

本集團積極參與多項國際性的環保科技活動，並開放項目供公眾參觀，建立學習環保知識的優質平台。於二零一八年，本集團共接待了超過20,700名訪客。

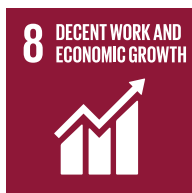


Achieve gender equality and empower all women and girls

實現性別平等，增強所有婦女和女童的權能

The Group ensures that its human resources management structure, including compensation, training opportunity and promotion opportunity, is not gender biased, in order to achieve gender equality.

本集團力求人力資源管理架構（如薪酬水平、培訓機會及晉升機會）不受性別所限，實現男女性別平等。



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

促進持久、包容和可持續經濟增長，促進充分的生產性就業和人人獲得體面工作

Through the investment, construction and operation of advanced waste water treatment projects, the Group facilitates the development of the downstream industry of sludge transportation and treatment, forming a comprehensive and sustainable water treatment industrial chain. Besides, most of the Group's projects are located in suburb areas, thus its operations can foster local economic development through provision of job opportunities and enhancement of infrastructure services.

本集團透過投資、建造及運營先進的污水處理項目，帶動了下游污泥運輸及處置行業，形成完整的可持續水處理產業鏈。另外，本集團大部分的项目皆位於市郊地區，因此能夠提供當地就業機會及改善基礎設施，從而推動當地經濟發展。



Reduce inequality within and among countries

減少國家內部和國家之間的不平等

The Group pays special attention and adopts measures to ensure that its operations do not affect the dignity, rights, livelihood, or culture of indigenous people. Local ethnic minorities and Han majority will be respected and treated equally.

本集團特別關注採取措施以確保項目運營不會影響原住民族的尊嚴、權利、生計或文化。少數民族和漢族在工作上均會受到同樣尊重和對待。

社會

Long-Term Targets of the Group

本集團的長遠目標

Targets of the Group:	本集團的目標：
Economic Performance 經濟績效	– Create long-term and sustainable economic growth 創造長遠及可持續的經濟增長
Market Presence 市場表現	– Continuously increase market share 不斷提高市場佔有率
Material and Resource Usage 物料及資源利用	– Reduce resource consumption through efficiency enhancement 提升生產效率從而減低資源消耗
Waste Water Treatment and Sludge Treatment and Disposal 污水處理及污泥處理處置	– Provide high-quality water environment management services and minimise the environmental impacts arising from operation 提供高質素的水環境綜合治理服務，將運營的環境影響減至最低
Environmental Compliance 環保合規	– Strictly comply with relevant local environmental laws 嚴格遵守項目所在地區的相關環保法規
Employee Welfare and Protection 員工福利及保障	– Safeguard the development of the Group's talents 為人才在本集團的發展提供妥善保障
Energy Efficiency 能源效益	– Continuously reduce energy consumption of operating projects and actively explore various energy-saving solutions 持續減少運營項目的能源消耗，積極探索各種節能方案
Disaster and Emergency Planning and Response 災難及應急預案規劃	– Reduce the number of unplanned shutdowns at operating projects 減低運營項目非計劃停機的次數
Diversity and Equal Opportunity 多元化及平等機會	– Eliminate any forms of discrimination based on gender, race and religion, etc. and provide the employees with an inclusive workplace 杜絕任何性別、種族及宗教等形式的歧視，為員工提供一個共融的工作環境。
Customers' Health and Safety 顧客健康與安全	– Strictly comply with relevant effluent discharge standards of waste water treatment projects, thus reducing public health risks 嚴格遵守污水處理項目的相關出水水質標準，從而減低公眾的健康風險
Social Compliance 社會法規的遵循	– Strictly comply with relevant local social regulations and ensure that the Group is not involved in any misconducts, such as: bribery, extortion and money laundering, etc. 嚴格遵守項目所在地區的相關社會法規，確保本集團沒有涉及賄賂、勒索或洗黑錢等不當行為。
Procurement Practices 採購實務	– Conduct supplier risk assessment on more suppliers 為更多供應商進行供應商風險評估

Major Sustainable Development Targets in 2019:

二零一九年可持續發展的主要目標如下：

Aspect 範疇	2019 Target 二零一九年目標	Long-Term Target 長遠目標
Health and Safety 健康與安全	Average health and safety training hours per employee reach 30 hours 健康與安全培訓平均員工時數達30小時	Maintain an annual average hours of health and safety training per employee at 50 hours or above in the next 10 years 在未來十年，健康與安全培訓平均員工時數維持在每年50小時或以上
Employee Training and Development 員工培訓及發展	Average training hours per employee reach 70 hours 員工平均培訓時數達70小時	Maintain an annual average hours of training per employee at 85 hours or above in the next 10 years 在未來十年，員工平均培訓時數維持在每年85小時或以上
Child Labour and Forced Labour 童工與強制勞動	The Group is not involved in any case in relation to child labour and forced labour 本集團沒有發生涉及童工及強制勞動的個案	Ensure that the Group is not involved in any case in relation to child labour and forced labour in the next 10 years 確保本集團在未來十年沒有發生涉及童工及強制勞動的個案

Project/Company 項目／公司	Recognition 殊榮
Jiangyin Waste Water Treatment Project 江陰污水處理項目	Top Municipal Integrated Waste Water Treatment Plant 2017 二零一七年度城鎮綜合污水處理優勝單位 Outstanding Courteous Service Entity 2017 二零一七年度文明服務先進單位
Yangzhou Jiangdu Development Zone Waste Water Treatment Project 揚州江都開發區污水處理項目	Outstanding Safe Production Entity 2018 二零一八年度安全生產先進單位 Environmental Protection Creditworthy Green Enterprise 環保信用綠色企業
Zhenjiang Sponge City Construction PPP Project 鎮江海綿城市建設PPP項目	Zhenjiang City "Golden Hill Cup" Quality Construction Award 鎮江市優質工程獎「金山杯」 Zhenjiang City "Benchmark of Civilised (Green Construction) Construction Site" – Mengjiawan Wetland Park and Yudaihe Upstream River Landscape Project 鎮江市「標準化文明（綠色施工）工地」－孟家灣濕地公園及禦帶河上游河道景觀工程 Zhenjiang City "Benchmark of Civilised (Green Construction) Construction Site" – Zhenjiang Hongqiaogang Upstream Sponge City Renovation and River Quality Enhancement Project (Installation) 鎮江市「標準化文明（綠色施工）工地」－鎮江虹橋港上游海綿城市改造及河道水質提升工程（安裝部分）
Lianyungang Waste Water Treatment Project 連雲港污水處理項目	Outstanding Waste Water Treatment Plant 2017 – Dapu and Xugou Plants 二零一七年度優秀污水處理廠－大浦廠及墟溝廠 Lianyungang Outstanding Civilised Entity 2016-2017 二零一六至二零一七年度連雲港市文明單位 Lianyungang City Award on Technical Talent Cultivation for Urban-Rural Development Systems 連雲港市城鄉建設系統技能人才搖籃獎
Xinyi Waste Water Treatment Project 新沂污水處理項目	Ecological Conservation Award in Xinyi City 2017 二零一七年度新沂市生態文明獎 Case Study on Third-party Service Providers for Industrial Park Environmental Pollution Treatment 2017 – Xinyi Economic Development Zone Waste Water Treatment Project 二零一七年度工業園區環境污染第三方治理典型案例－新沂經濟開發區污水處理項目 Xuzhou City "Gupeng Cup" Excellent Quality Construction Award 2017 and Demonstration of Civilised Construction Site – Xinyi Economic Development Zone Waste Water Treatment Project Phase II 二零一七年度徐州市「古彭杯」優質工程獎、徐州市文明示範工地－新沂經濟開發區污水處理項目二期 Xuzhou City Outstanding Structural Engineering Award 2017 – Xinyi City Waste Water Treatment Project Upgrading 二零一七年度徐州市優質結構工程獎－新沂城市污水處理廠提標改造工程 Xuzhou City "Gupeng Cup" Excellent Quality Construction Award 2017 and Xuzhou City Excellent Quality Construction Project – Xinyi City Waste Water Treatment Project Upgrading 二零一七年度徐州市「古彭杯」優質工程獎、徐州市優質工程－新沂城市污水處理廠提標改造工程

Project/Company 項目／公司	Recognition 殊榮
Suzhou Wuzhong Chengnan Waste Water Treatment Project 蘇州吳中城南污水處理項目	Outstanding Waste Water Treatment Plant 2017 二零一七年度優秀污水處理廠
Dalian Waste Water Treatment Project 大連污水處理項目	Dalian Environmental Charity Contribution Award 2018 二零一八年「大連市環保公益貢獻獎」 Liaoning Province Golden Cup Demonstration Project – Dalian Quanshui Waste Water Treatment Project (Phase I) Upgrading 遼寧省市政金杯獎示範工程—大連市泉水河污水處理項目（一期）提標改 造工程 Liaoning Province Golden Cup Demonstration Project – Pulandian Waste Water Treatment Project (Phase I) Expansion 遼寧省市政金杯獎示範工程—普蘭店市污水處理廠（一期）擴建工程
Zibo Waste Water Treatment Project 淄博污水處理項目	Shandong Province Outstanding Organisation on Municipal Drainage 2018 – Zibo Zhoucun Waste Water Treatment Project 二零一八年度山東省城鎮排水工作先進集體—淄博周村污水處理項目
Ji'nan Waste Water Treatment Project 濟南污水處理項目	Shandong Province Outstanding Organisation on Municipal Water Supply and Drainage 2017 二零一七年度山東省城鎮供排水行業先進集體 Outstanding Economic Development Entity 經濟建設工作先進單位
Dezhou Waste Water Treatment Project 德州污水處理項目	Outstanding Environmental Protection Entity 2017 – Ling County Project Company 二零一七年度環保工作先進單位—陵縣項目公司
Sanmenxia Waste Water Treatment Project 三門峽污水處理項目	Outstanding Environment Management Entity 2017 二零一七年度環境治理工作先進單位
Kunshan Development Zone Waste Water Treatment Project 昆山開發區污水處理項目	Enterprise with Outstanding Environmental Protection Performance 2017 二零一七年度環境保護工作成績突出企業 Outstanding Waste Water Treatment Plant 2017 – Kunshan Development Zone Gangdong Waste Water Treatment Plant 二零一七年度優秀污水處理廠—昆山開發區港東污水處理廠
Nanjing Waste Water Treatment Project 南京污水處理項目	Outstanding Waste Water Treatment Plant 2017 – Nanjing Pukou Waste Water Treatment Plant 二零一七年度優秀污水處理廠—南京浦口污水處理廠
Xianyang Waste Water Treatment Project 咸陽東郊污水處理項目	Outstanding Entity on Integrated Waste Water Treatment 2017 二零一七年度污水處理綜合管理「先進單位」
Zhangqiu Waste Water Treatment Project 章丘污水處理項目	Top of Ji'nan Waste Water Treatment Assessment 2017 二零一七年度濟南市污水處理工作考核第一名 Outstanding Safe Production Entity 2017 in Zhangqiu District 二零一七年度章丘區安全生產先進單位 Shandong Province Outstanding Organisation on Municipal Drainage 2017 二零一七年度山東省城鎮排水工作先進集體
Jiangsu TongYong Environmental Group Co., Limited 江蘇通用環境工程有限公司	One of the Top 50 Industrial Enterprises 工業五十強企業



VERIFICATION STATEMENT

Scope and Objective

Hong Kong Quality Assurance Agency ("HKQAA") was commissioned by China Everbright Water Limited ("Everbright Water") to undertake an independent verification for the Sustainability Report 2018 (hereinafter called the "Report"). The Report stated the sustainability performance of Everbright Water in the period of 1st January 2018 to 31st December 2018 for its operations.

The aim of this verification is to provide a reasonable assurance on the reliability of the report contents. The Report has been prepared in accordance with the Global Reporting Initiatives ("GRI") Standards: Comprehensive option, Rule 13.91 and Appendix 27 "Environmental, Social and Governance Reporting Guide ("ESG Guide")" of the Main Board Listing Rules of The Stock Exchange of Hong Kong Limited, as well as the Singapore Exchange Securities Trading Limited ("SGX") Listing Manual (Rules 711A, 711B and Practice Note 7.6 Sustainability Reporting Guide).

Level of Assurance and Methodology

The process applied in this verification was based on the International Standard on Assurance Engagements 3000 (Revised), Assurance Engagements Other than Audits or Reviews of Historical Financial Information issued by the International Auditing and Assurance Standards Board. Our evidence gathering process was designed to obtain a reasonable level of assurance as set out in the standard for the purpose of devising the verification conclusion. The extent of this verification process undertaken covered the criteria set in the GRI Standards: Comprehensive option, the ESG Guide, and the SGX Listing Manual (Rules 711A, 711B and Practice Note 7.6 Sustainability Reporting Guide).

The verification process included verifying the systems and processes implemented for collecting, calculating and reporting the sustainability performance information, reviewing relevant documentation, interviewing responsible personnel with accountability for preparing the reporting contents and verifying selected representative sample of data and information. Raw data and supporting evidence of the selected samples were also thoroughly examined during the verification process.

Independence

Everbright Water is responsible for the collection and preparation of the information presented. HKQAA does not involve in the collection and calculation of data or the compilation of the reporting contents where HKQAA's verification activities were entirely independent from Everbright Water. There was no relationship between HKQAA and Everbright Water that would affect the independence of HKQAA for providing the verification service.

Conclusion

Based on the verification results and in accordance with the verification procedures undertaken, HKQAA has obtained reasonable assurance and is in the opinion that:

- The Report has been prepared in accordance with the GRI Standards: Comprehensive option, the ESG Guide, as well as the SGX Listing Manual (Rules 711A, 711B and Practice Note 7.6 Sustainability Reporting Guide);
- The Report illustrates the sustainability performance of Everbright Water, covering all material aspects, in a balanced, comparable, clear and timely manner; and
- The data and information disclosed in the Report are reliable and complete.

Nothing has come to HKQAA's attention that the selected sustainability performance information and data contained in the Report has not been prepared and presented fairly and honestly, in all material aspects, in accordance with the verification criteria.

In conclusion, the Report reflects truthfully of Everbright Water's sustainability performance that is commensurate with the sustainability context and materiality of the company.

Signed on behalf of Hong Kong Quality Assurance Agency

Bryan Peng
Assistant Director, Manufacturing and Service Business Division
May 2019



核實聲明

範圍及目的

香港品質保證局已對中國光大水務有限公司（「光大水務」）二零一八年可持續發展報告（「報告」）的全部內容進行獨立驗證。該報告陳述了光大水務於二零一八年一月一日至二零一八年十二月三十一日期間的業務，有關可持續發展方面工作的表現。

此核實聲明的目的是對報告所記載之內容提供合理保證。報告是根據全球報告倡議組織（GRI）的《可持續發展報告標準》的全面選項、香港聯合交易所有限公司主板上市規則第 13.91 條及附錄二十七所載的《環境、社會及管治報告指引》，及新交所上市手冊（第 711A 條、第 711B 條和第 7.6 項應用指引《可持續發展報告指引》）的要求編制。

保證程度和核實方法

此次驗證工作是依據 International Auditing and Assurance Standards Board（國際審計與核證準則委員會）發佈的 International Standard on Assurance Engagements 3000 (Revised), Assurance Engagements Other than Audits or Reviews of Historical Financial Information（《國際核證聘用準則 3000（修訂版），歷史財務資料審計或審閱以外的核證聘用》）執行。收集核實證據的幅度是參考國際準則所訂定進行合理保證的原則而制定以確保能擬定核實結論。此外，核實的內容是按照全球報告倡議組織（GRI）的《可持續發展報告標準》的全面選項、《環境、社會及管治報告指引》，及新交所上市手冊（第 711A 條、第 711B 條和第 7.6 項應用指引《可持續發展報告指引》）而定。

核實過程包括驗證了光大水務的可持續發展表現資料收集、計算和彙報的系統和程式，檢閱有關檔資料，與負責編制報告內容的代表面談，選取具有代表性的數據和資料進行查核。相關原始數據和支援證據亦於核實過程中經過詳細審閱。

獨立性

光大水務負責收集和準備所有在報告內陳述的資料。香港品質保證局不涉及收集和計算此報告內的數據或參與編撰此報告。香港品質保證局的核實過程是獨立於光大水務。就提供此核實服務而言，香港品質保證局與光大水務之間並無任何會影響香港品質保證局獨立性的關係。

結論

基於是次的核實結果，香港品質保證局對報告作出合理保證並總結：

- 報告是按照 GRI 的《可持續發展報告標準》的全面選項，《環境、社會及管治報告指引》，及新交所上市手冊（第 711A 條、第 711B 條和第 7.6 項應用指引《可持續發展報告指引》）的要求編制；
- 報告平衡、清晰、具比較性和及時地將光大水務的可持續發展表現包括所有重要的可持續發展範疇闡述；
- 報告內的數據和資料可靠完整。

根據驗證準則，香港品質保證局沒有發現在報告內闡述的可持續發展表現資訊和資料並非公平和如實地按照主要範疇作出披露。

總體而言，此報告能如實地反映光大水務的可持續發展表現並與其具體的可持續發展情況和重要性相稱。

香港品質保證局代表簽署

彭文俊
製造及服務科助理總監
二零一九年五月

Economic Performance 經濟表現

		2018 HK\$'000 港幣千元	2017 HK\$'000 港幣千元	2016 HK\$'000 港幣千元
Direct Economic Value Generated	產生的直接經濟價值			
Revenue	收入	4,768,318	3,591,633	2,494,037
Other income and gains, net	其他收入及收益淨額	140,583	129,809	127,666
Share of profits of associates	所佔聯營公司盈利	422	158	–
Economic Value Distributed	分配的經濟價值			
Staff costs	員工開支	283,240	235,902	243,477
Other costs ⁽¹⁾	其他成本 ⁽¹⁾	3,210,445	2,316,973	1,541,681
Net finance costs	財務費用淨額	273,480	228,928	197,592
Dividends	股息	151,863	77,003	52,344
Taxes ⁽²⁾	稅項 ⁽²⁾	144,123	114,432	94,832
Profit attributable to non-controlling interests	非控股權益應佔盈利	60,296	67,437	23,272
Charitable donations	慈善捐款	977	113	201
Economic Value Retained	留存的經濟價值			
Retained for Everbright Water's sustainable operation and development	留存作光大水務的可持續運營和發展	784,899	680,812	468,304

Operational Performance 運營表現

		Unit 單位	2018	2017	2016
Total Designed Capacity	總設計規模				
Waste water treatment	污水處理	m ³ /day 立方米／日	3,865,000	3,835,000	3,795,000
Reusable water	中水回用	m ³ /day 立方米／日	81,600	81,600	81,600
Business Performance	業務表現				
Waste water treatment	污水處理	m ³ 立方米	1,271,248,000	1,187,615,000	1,148,279,000
COD reduction	COD 減排	Tonne 噸	356,000	319,000	234,000
Reusable water	中水回用	m ³ 立方米	16,299,000	11,061,000	Data not available 沒有相關數據

Environmental Performance⁽³⁾ 環境表現⁽³⁾

		Unit 單位	2018	2017	2016
GHG Emissions⁽⁴⁾⁽⁵⁾⁽⁶⁾		溫室氣體排放⁽⁴⁾⁽⁵⁾⁽⁶⁾			
Scope 1 (Direct Emissions)	範疇一 (直接排放)	Tonne CO ₂ e 噸二氧化碳當量	13,824.33	12,429.37	Data not available 沒有相關數據
Scope 2 (Energy Indirect Emissions)	範疇二 (能源引致的間接排放)	Tonne CO ₂ e 噸二氧化碳當量	344,070.87	257,971.75	363,387.69
Scope 3 (Other Indirect Emissions)	範疇三 (其他間接排放)	Tonne CO ₂ e 噸二氧化碳當量	19,762.02	18,710.81	Data not available 沒有相關數據
Total GHG emissions	溫室氣體排放總量	Tonne CO ₂ e 噸二氧化碳當量	377,657.22	289,111.93	363,387.69
GHG emissions intensity	溫室氣體排放強度	kgCO ₂ e/m ³ 公斤二氧化碳當量/ 立方米	0.30	0.24	0.32
GHG emissions offset	溫室氣體抵消量	Tonne CO ₂ e 噸二氧化碳當量	14,010.75	11,831.17	14,675.50
Net GHG emissions	淨溫室氣體排放量	Tonne CO ₂ e 噸二氧化碳當量	363,646.47	277,280.76	348,712.19
Net GHG emissions intensity	淨溫室氣體排放強度	kg CO ₂ e/m ³ 公斤二氧化碳當量/ 立方米	0.29	0.23	0.30
Direct Energy Consumption⁽⁷⁾		直接能源消耗⁽⁷⁾			
Non-renewable electricity	非再生能源電力	GJ 吉焦	1,517,802.25	1,235,648.96	1,245,756.41
Biogas	沼氣	GJ 吉焦	181,488.69	150,176.12	Data not available 沒有相關數據
Natural gas	天然氣	GJ 吉焦	14.30	Data not available 沒有相關數據	Data not available 沒有相關數據
Diesel	柴油	GJ 吉焦	11,361.06	Data not available 沒有相關數據	Data not available 沒有相關數據
Gasoline	汽油	GJ 吉焦	27,977.04	Data not available 沒有相關數據	Data not available 沒有相關數據
Total energy consumed	總能源消耗	GJ 吉焦	1,738,643.34	1,385,825.08	1,245,756.41
Energy intensity	能源強度	kJ/m ³ 千焦/立方米	1,367.67	1,276.38	1,084.89
Water Consumption		耗水			
Total water consumed	總耗水量	m ³ 立方米	1,230,188.43	957,192.48	Data not available 沒有相關數據
Water intensity	耗水強度	m ³ /1,000 m ³ 立方米/千立方米	0.97	0.81	Data not available 沒有相關數據

		Unit 單位	2018	2017	2016
Key Materials Used	所用主要物料				
Function 用途	Material 物料				
Adsorbent 吸附劑	Pulverised coal ash 粉煤灰	Tonne 噸	595.61	1,471.16	Data not available 沒有相關數據
Biological treatment 生物處理	Magnetic powder 磁粉	Tonne 噸	273.21	1.83	Data not available 沒有相關數據
Carbon source 碳源	Manure 糞土	Tonne 噸	0	557.50	Data not available 沒有相關數據
	Refined methanol 精甲醇	Tonne 噸	0	97.36	Data not available 沒有相關數據
	Sodium acetate 乙酸鈉	Tonne 噸	44,692.91	11,181.53	Data not available 沒有相關數據
	Waste methanol 廢甲醇	Tonne 噸	0	10.00	Data not available 沒有相關數據
	Glucose 葡萄糖	Tonne 噸	6,746.80	Data not available 沒有相關數據	Data not available 沒有相關數據
Chemical oxidiser 化學氧化劑	Hydrogen peroxide 雙氧水	Tonne 噸	8,873.98	3,758.79	Data not available 沒有相關數據
	Calcium hypochlorite 次氯酸鈣	Tonne 噸	2,350.83	2,773.12	1,048.28
Coagulant & flocculant 凝結劑及絮凝劑	Ferrous sulphate 硫酸亞鐵	Tonne 噸	26,179.68	8,526.68	Data not available 沒有相關數據
	Ferric chloride 三氯化鐵	Tonne 噸	33,696.48	21,982.13	21,783.77
	PAFC 聚合氯化鋁鐵	Tonne 噸	15,453.08	20,390.29	2,333.36
	PFC 聚合氯化鐵	Tonne 噸	0	900.82	3,682.38
	PFS 聚合硫酸鐵	Tonne 噸	33,765.22	32,206.39	6,848.59
	Flocculant 絮凝劑	Tonne 噸	5,554.35	820.20	38,278.60
	PAC 聚合氯化鋁	Tonne 噸	15,431.59	3,303.02	5,531.88
Disinfectant 消毒劑	Hypochlorous acid 次氯酸	Tonne 噸	13,842.86	9,702.41	7,720.94
	Liquid chlorine 液氯	Tonne 噸	661.12	92.16	Data not available 沒有相關數據
	Sodium chlorate 氯酸鈉	Tonne 噸	203.82	15.30	Data not available 沒有相關數據
	Disinfectant 消毒劑	Tonne 噸	24.47	20.17	Data not available 沒有相關數據

		Unit 單位	2018	2017	2016
Key Materials Used		所用主要物料			
Function 用途	Material 物料				
pH adjustment 酸鹼調整	Citric acid 檸檬酸	Tonne 噸	38.66	Data not available 沒有相關數據	Data not available 沒有相關數據
	Sodium carbonate 碳酸鈉	Tonne 噸	277.94	1,276.82	Data not available 沒有相關數據
	Sodium phosphate 磷酸鈉	Tonne 噸	1.73	251.71	Data not available 沒有相關數據
	Sulphuric acid 硫酸	Tonne 噸	426.32	2,105.48	Data not available 沒有相關數據
	Lime 石灰	Tonne 噸	13,710.78	9,974.40	4,354.53
	Sodium hydroxide 氫氧化鈉	Tonne 噸	3,265.29	1,167.58	Data not available 沒有相關數據
Other 其他		Tonne 噸	2,996.08	1,024.33	Data not available 沒有相關數據
Sludge Generated		所產生的污泥			
Sludge generated from waste water treatment projects	污水處理項目所產生的污泥	Tonne 噸	855,000	698,000	658,000
Intensity	強度	Tonne/1,000 m ³ 噸／千立方米	0.67	0.59	0.57

Social Performance ⁽³⁾ 社會表現 ⁽³⁾Employee Profile ⁽⁸⁾ 員工概況 ⁽⁸⁾

		2018	2017	2016
Total Number of Employees	員工總數	2,007	1,824	1,446
By Gender	按性別劃分			
Male	男性	1,461	1,310	987
Female	女性	546	514	459
By Age	按年齡劃分			
30 and below	30歲及以下	489	514	406
31-40	31 – 40歲	822	728	563
41-50	41 – 50歲	499	414	314
51 and above	51歲及以上	197	168	163
By Employee Ranking	按員工職級劃分			
Senior management	高級管理人員	96	108	45
Middle-level management	中層管理人員	298	218	172
General and technical staff	一般及技術員工	1,613	1,498	1,229
By Geographical Region	按地區劃分			
Hong Kong	香港	7	10	Data not available 沒有相關數據
Singapore	新加坡	4	4	Data not available 沒有相關數據
Mainland China	中國大陸	1,996	1,810	1,446
Local employees ⁽⁹⁾	本地員工 ⁽⁹⁾	1,799	1,620	1,389
Foreign employees ⁽⁹⁾	外地員工 ⁽⁹⁾	208	204	57
By Ethnicity	按民族劃分			
Han	漢族	1,954	1,784	Data not available 沒有相關數據
Ethnic minorities	少數族裔	53	40	Data not available 沒有相關數據

New Employees and Employee Turnover 新聘及離職員工

		2018		2017		2016	
		Total number of persons 總人數	Percentage of employees in this category 估該類別員工百分比(%)	Total number of persons 總人數	Percentage of employees in this category 估該類別員工百分比(%)	Total number of persons 總人數	Percentage of employees in this category 估該類別員工百分比(%)
Total Number of New Hires	新聘員工總數	297	14.80	295	16.17	173	11.96
By Gender	按性別劃分						
Male	男性	217	14.85	224	17.10	126	12.77
Female	女性	80	14.65	71	13.81	47	10.24
By Age	按年齡劃分						
30 and below	30歲及以下	159	32.52	162	31.52	91	22.41
31-40	31-40歲	100	12.17	91	12.50	52	9.24
41-50	41-50歲	34	6.81	36	8.70	21	6.69
51 and above	51歲及以上	4	2.03	6	3.57	9	5.52
By Geographical Region	按地區劃分						
Hong Kong	香港	2	28.57	1	10.00	Data not available 沒有相關數據	Data not available 沒有相關數據
Singapore	新加坡	0	0.00	1	25.00	Data not available 沒有相關數據	Data not available 沒有相關數據
Mainland China	中國大陸	295	14.78	293	16.19	173	11.96
Local employees ^(a)	本地員工 ^(a)	253	14.06	222	13.70	Data not available 沒有相關數據	Data not available 沒有相關數據
Foreign employees ^(a)	外地員工 ^(a)	44	21.15	73	35.78	Data not available 沒有相關數據	Data not available 沒有相關數據
Total Number of Employee Turnover (Resigned/Retired)	員工流失總數 (離職/退休)	188	9.37	138	7.57	128	8.85
By Gender	按性別劃分						
Male	男性	133	9.10	96	7.33	Data not available 沒有相關數據	Data not available 沒有相關數據
Female	女性	55	10.07	42	8.17	Data not available 沒有相關數據	Data not available 沒有相關數據
By Age	按年齡劃分						
30 and below	30歲及以下	53	10.84	46	8.95	Data not available 沒有相關數據	Data not available 沒有相關數據
31-40	31-40歲	57	6.93	37	5.08	Data not available 沒有相關數據	Data not available 沒有相關數據
41-50	41-50歲	27	5.41	22	5.31	Data not available 沒有相關數據	Data not available 沒有相關數據
51 and above	51歲及以上	51	25.89	33	19.64	Data not available 沒有相關數據	Data not available 沒有相關數據
By Geographical Region	按地區劃分						
Mainland China	中國大陸	186	9.32	136	7.51	128	8.85
Hong Kong	香港	2	28.57	1	10.00	Data not available 沒有相關數據	Data not available 沒有相關數據
Singapore	新加坡	0	0.00	1	25.00	Data not available 沒有相關數據	Data not available 沒有相關數據

Training and Development 培訓及發展

		2018 Hours 小時	2017 Hours 小時	2016 Hours 小時
Total Training Hours	總培訓時數	338,027.90	126,805.00	128,345.75
Average Training Hours Per Employee	平均員工培訓時數	168.42	69.52	88.76
By Gender	按性別劃分			
Male	男性	159.89	66.03	82.79
Female	女性	191.25	78.41	101.60
By Employee Ranking	按員工職級劃分			
Senior management	高級管理人員	195.62	37.39	90.3
Middle-level management	中層管理人員	182.05	70.22	115.44
General and technical staff	一般及技術員工	164.29	71.73	84.97

Health and Safety 健康與安全

		2018	2017	2016
Employees	員工			
Number of work-related fatalities	因工死亡個案	0	0	0
Rate of work-related fatalities ⁽¹⁰⁾	因工死亡率 ⁽¹⁰⁾	0	0	0
Number of occupational diseases	職業病個案	0	0	0
Number of high-consequence work-related injuries (excluding fatalities) ⁽¹¹⁾	嚴重工傷個案 (不包括死亡個案) ⁽¹¹⁾	0	0	1
Rate of high-consequence work-related injuries (excluding fatalities) ⁽¹²⁾	嚴重工傷率 (不包括死亡個案) ⁽¹²⁾	0	0	0.07
Number of work-related injuries ⁽¹³⁾	工傷個案 ⁽¹³⁾	1	2	6
Rate of work-related injuries ⁽¹⁴⁾	工傷率 ⁽¹⁴⁾	0.05	0.22	0.39
Days of absence from work due to work-related injury	因工傷缺勤日數	3	113	330
Third-Party Contractors and Sub-Contractors Working Onsite	第三方承包商及分包商駐場工人			
Number of work-related fatalities	因工死亡個案	0	0	0
Rate of work-related fatalities ⁽¹⁰⁾	因工死亡率 ⁽¹⁰⁾	0	0	0
Number of occupational diseases	職業病個案	0	0	0
Number of high-consequence work-related injuries (excluding fatalities) ⁽¹¹⁾	嚴重工傷個案 (不包括死亡個案) ⁽¹¹⁾	0	0	0
Rate of high-consequence work-related injuries (excluding fatalities) ⁽¹²⁾	嚴重工傷率 (不包括死亡個案) ⁽¹²⁾	0	0	0
Number of work-related injuries ⁽¹³⁾	工傷個案 ⁽¹³⁾	0	0	0
Rate of work-related injuries ⁽¹⁴⁾	工傷率 ⁽¹⁴⁾	0	0	0
Days of absence from work due to work-related injury	因工傷缺勤日數	0	0	0

Notes 附註:

- (1) Represents other costs but excludes depreciation and amortisation for the year.
代表該年度的其他成本,但不包括該年度的折舊及攤銷。
- (2) Represents current income tax but excludes deferred tax for the year.
代表該年度所得稅,但不包括該年度的遞延稅項。
- (3) Due to rounding, there may be a slight discrepancy between the items of the statistics table and the relevant analysed data as shown in other chapters of the Report.
由於捨入關係,數據表內個別項目的數字經分析計算後可能與本報告其他章節內的相關數據略有出入。
- (4) The calculation boundary of Scope 1 and Scope 2 emissions covers all waste water treatment projects, reusable water projects, waste water source heat pump projects and sludge treatment and disposal projects under operation: the calculation of Scope 1 emissions includes fugitive methane emission from waste water treatment projects; the calculation of Scope 2 emissions includes the consumption of purchased electricity. 範疇一和範疇二的計算邊界包括所有正在運營的污水處理、中水回用、污水源熱泵、污泥處理處置項目;範疇一的計算包括污水處理項目的無組織甲烷排放;範疇二的計算包括購買電力消耗。
- (5) The calculation of GHG emissions from operating waste water treatment projects is referenced to CDM methodology "AM0080: Mitigation of Greenhouse Gases Emissions with Treatment of Wastewater in Aerobic Wastewater Treatment Plants (Version 1.0)".
運營污水處理項目的溫室氣體排放計算參照CDM方法《AM0080:透過在有氧污水處理廠處理污水減少溫室氣體排放(1.0版)》。
- (6) The calculation of Scope 3 emissions includes fuel consumption for the transportation of sludge by third parties and air travel by employees. GHG emissions from air travel are calculated by International Civil Aviation Organisation Carbon Emissions Calculator.
範疇三的計算包括第三方運送污泥的燃料消耗和員工飛機差旅。飛機差旅的溫室氣體排放以國際民航組織的碳排放計算器計算得出。
- (7) Energy consumption is calculated based on the reference coefficients given by China Energy Statistical Yearbook 2017.
能源消耗量是根據《中國能源統計年鑒2017》的參考系數所計算。
- (8) As at 31 December 2018.
截至二零一八年十二月三十一日。
- (9) Employees hired from the same province in Mainland China are regarded as local employees, whereas the employees hired from other provinces in Mainland China are regarded as foreign employees.
在中國大陸同省受聘的員工被視為本地員工,而在中國大陸外省受聘的員工則被視為外地員工。
- (10) Rate of work-related fatalities = (Total number of work-related fatalities/Total working hours) × 200,000
因工死亡率 = (因工死亡個案總計/工作總時數) × 200,000
- (11) High-consequence work-related injuries refer to work-related injuries that result in a fatality or in an injury from which the worker cannot, does not, or is not expected to recover fully to pre-injury health status within 6 months.
嚴重工傷是指導致死亡,或導致工作者無法或難於六個月內恢復至受傷前健康狀態的工傷。
- (12) Rate of high-consequence work-related injuries (excluding fatalities) = (Total number of high-consequence work-related injuries (excluding fatalities)/Total working hours) × 200,000
嚴重工傷率(不包括死亡個案) = (嚴重工傷個案總計(不包括死亡個案)/工作總時數) × 200,000
- (13) Work-related injuries also include work-related fatalities and high-consequence work-related injuries.
工傷亦包含因工死亡及嚴重工傷。
- (14) Rate of work-related fatalities = (Total number of work-related injuries/Total working hours) × 200,000
工傷率 = (工傷個案總計/工作總時數) × 200,000



Disclosure Number 披露編號	Description 描述	Relevant Chapter(s) or Other References/Explanation 有關章節或其他參考／說明	Page Number 頁數
GRI 101: FOUNDATION 基礎 2016			
GRI101 does not include any disclosures 不包含任何揭露			
GRI 102: GENERAL DISCLOSURES 一般揭露 2016			
Organizational Profile 組織概況			
102-1	Name of the organization 組織名稱	About this Report 關於本報告	3
102-2	Activities, brands, products, and services 活動、品牌、產品與服務	About this Report 關於本報告	3
102-3	Location of headquarters 總部位置	About this Report 關於本報告	3
102-4	Location of operations 營運據點	Our Sustainable Business 我們的可持續業務	9
102-5	Ownership and legal form 所有權與法律形式	About this Report 關於本報告	3
102-6	Markets served 提供服務的市場	Our Sustainable Business 我們的可持續業務	9-10
102-7	Scale of the organization 組織規模	Our Sustainable Business 我們的可持續業務	9
		Joining Hands with Our Team 與團隊攜手合作	59
102-8	Information on employees and other workers 員工與其他工作者的資訊	Joining Hands with Our Team 與團隊攜手合作	61
102-9	Supply chain 供應鏈	Corporate Governance 企業管治	28-31
102-10	Significant changes to the organization and its supply chain 組織與其供應鏈的重大改變	Message from CEO 總裁寄語	4-7
		Corporate Governance 企業管治	28
102-11	Precautionary Principle or approach 預警原則或方針	Corporate Governance 企業管治	23-28
102-12	External initiatives 外部倡議	Message from CEO 總裁寄語	4-7
102-13	Membership of associations 公協會的會員資格	Community and Philanthropy 社區與公益	87
Strategy 策略			
102-14	Statement from senior decision-maker 決策者的聲明	Message from CEO 總裁寄語	4-7
102-15	Key impacts, risks, and opportunities 關鍵衝擊、風險及機會	Message from CEO 總裁寄語	4-7

Notes 附註：

- (1) For the Materiality Disclosures Service, GRI Services reviewed that the GRI content index is clearly presented and the references for Disclosures 102-40 to 102-49 align with appropriate sections in the body of the Report. This service was performed on the English version of the Report. GRI於本次實質性披露服務確認GRI內容索引清晰，披露項102-40至102-49亦與本報告相應的章節相符。本次服務按本報告的英文版本進行。

Disclosure Number 披露編號	Description 描述	Relevant Chapter(s) or Other References/Explanation 有關章節或其他參考／說明	Page Number 頁數
Ethics and Integrity 倫理與誠信			
102-16	Values, principles, standards, and norms of behavior 價值、原則、標準及行為規範	Corporate Governance 企業管治	23-28
102-17	Mechanisms for advice and concerns about ethics 關於倫理之建議與顧慮的機制	Corporate Governance 企業管治	23-28
Governance 治理			
102-18	Governance structure 治理結構	Corporate Governance 企業管治	23-28
102-19	Delegating authority 委任權責	Corporate Governance 企業管治	23-28
102-20	Executive-level responsibility for economic, environmental, and social topics 管理階層負責經濟、環境和社會主題	Corporate Governance 企業管治	23-28
102-21	Consulting stakeholders on economic, environmental, and social topics 與利害關係人諮商經濟、環境和社會主題	Promoting Stakeholder Engagement 推動持份者參與	23-28
102-22	Composition of the highest governance body and its committees 最高治理單位與其委員會的組成	Corporate Governance 企業管治	23-28
102-23	Chair of the highest governance body 最高治理單位的主席	Corporate Governance 企業管治	23-28
102-24	Nominating and selecting the highest governance body 最高治理單位的提名與遴選	Corporate Governance 企業管治	23-28
102-25	Conflicts of interest 利益衝突	Corporate Governance 企業管治	23-28
102-26	Role of highest governance body in setting purpose, values, and strategy 最高治理單位在設立宗旨、價值觀及策略的角色	Corporate Governance 企業管治 Annual Report 2018 – Corporate Governance Report 二零一八年度報告－公司治理報告	23-28 —
102-27	Collective knowledge of highest governance body 最高治理單位的群體知識	Corporate Governance 企業管治 Annual Report 2018 – Corporate Governance Report 二零一八年度報告－公司治理報告	23-28 —
102-28	Evaluating the highest governance body's performance 最高治理單位的績效評估	Corporate Governance 企業管治 Annual Report 2018 – Corporate Governance Report 二零一八年度報告－公司治理報告	23-28 —
102-29	Identifying and managing economic, environmental, and social impacts 鑑別與管理經濟、環境和社會衝擊	Corporate Governance 企業管治	23-28
102-30	Effectiveness of risk management processes 風險管理程序的有效性	Corporate Governance 企業管治	23-28
102-31	Review of economic, environmental, and social topics 經濟、環境和社會議題的評審	Corporate Governance 企業管治	23-28
102-32	Highest governance body's role in sustainability reporting 最高治理單位於永續性報導的角色	About this Report 關於本報告	3

Disclosure Number 披露編號	Description 描述	Relevant Chapter(s) or Other References/Explanation 有關章節或其他參考／說明	Page Number 頁數
102-33	Communicating critical concerns 溝通重要關鍵議題	Corporate Governance 企業管治	23-28
102-34	Nature and total number of critical concerns 關鍵議題的性質與總數	Annual Report 2018 – Corporate Governance Report – Risk Management and Internal Controls 二零一八年度報告－公司治理報告 －風險管理及內部監控	–
102-35	Remuneration policies 薪酬政策	Annual Report 2018 – Corporate Governance Report – Remuneration Matters 二零一八年度報告－公司治理報告－薪酬事項 Corporate Governance 企業管治	– 23-28
102-36	Process for determining remuneration 薪酬決定的流程	Annual Report 2018 – Corporate Governance Report – Remuneration Matters 二零一八年度報告－公司治理報告－薪酬事項 Corporate Governance 企業管治	– 23-28
102-37	Stakeholders' involvement in remuneration 利害關係人的參與	Annual Report 2018 – Corporate Governance Report – Remuneration Matters 二零一八年度報告－公司治理報告－薪酬事項	–
102-38	Annual total compensation ratio 年度總薪酬比率	Corporate Governance 企業管治	27
102-39	Percentage increase in annual total compensation ratio 年度總薪酬比率之增加百分比	Corporate Governance 企業管治	27
Stakeholder Engagement 利害關係人團體			
102-40	List of stakeholder groups 利害關係人團體	Promoting Stakeholder Engagement 推動持份者參與	33
102-41	Collective bargaining agreements 團體協約	None of our employees are covered by collective bargaining agreements. 我們的員工並不包含在集體談判協定中。	–
102-42	Identifying and selecting stakeholders 鑑別與選擇利害關係人	Promoting Stakeholder Engagement 推動持份者參與	33
102-43	Approach to stakeholder engagement 與利害關係人溝通的方針	Promoting Stakeholder Engagement 推動持份者參與	34-35
102-44	Key topics and concerns raised 提出之關鍵主題與關注事項	Promoting Stakeholder Engagement 推動持份者參與	34-35

Disclosure Number 披露編號	Description 描述	Relevant Chapter(s) or Other References/Explanation 有關章節或其他參考／說明	Page Number 頁數
Reporting Practice 報導實務			
102-45	Entities included in the consolidated financial statements 合併財務報表中所包含的實體	Annual Report 2018 – Notes to the Financial Statements (P95-220) ¹ 二零一八年度報告－財務報表附註（95-220頁） ¹	–
102-46	Defining report content and topic Boundaries 界定報告書內容與主題邊界	Promoting Stakeholder Engagement 推動持份者參與	42-43
102-47	List of material topics 重大主題表列	Promoting Stakeholder Engagement 推動持份者參與	42-43
102-48	Restatements of information 資訊重編	There is no restatement of information in this report 本報告不涉及重整舊告資料。	–
102-49	Changes in reporting 報導改變	Promoting Stakeholder Engagement 推動持份者參與	42-43
102-50	Reporting period 報導期間	About this Report 關於本報告	3
102-51	Date of most recent report 上一次報告書的日期	About this Report 關於本報告	3
102-52	Reporting cycle 報導週期	About this Report 關於本報告	3
102-53	Contact point for questions regarding the report 可回答報告書相關問題的聯絡人	About this Report 關於本報告	3
102-54	Claims of reporting in accordance with the GRI Standards 依循GRI準則報導的宣告	About this Report 關於本報告	3
102-55	GRI Content Index GRI 內容索引	Appendix I – GRI Content Index 附錄I – GRI內容索引	106-114
102-56	External assurance 外部保證／確信	Verification Statement 審核聲明	96-97

Note:

(1) Annual Report 2018 can be accessed via the following link:
<https://www.ebwater.com/en/ir/reports.php>

附註：

(1) 二零一八年度報告可於以下連結瀏覽：
<https://www.ebwater.com/tc/ir/reports.php>

Topic-specific Standards 特定主題準則

Disclosure Number 披露編號	Description 描述	Relevant Chapter(s) or Other References/Explanation 有關章節或其他參考/說明	Page Number 頁數
GRI 200: ECONOMIC 經濟			
Economic Performance 經濟績效			
GRI 103:	Management Approach 管理方針 2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Corporate Governance 企業管治	23-28
103-3	Evaluation of the management approach 管理方針的評估	Corporate Governance 企業管治	23-28
GRI 201:	Economic Performance 經濟績效 2016		
201-1	Direct economic value generated and distributed 組織所產生及分配的直接經濟價值	Our Sustainable Business 我們的可持續業務	11
201-2	Financial implications and other risks and opportunities due to climate change 氣候變遷所產生的財務影響及其它風險與機會	Outstanding Environmental Management 優質環境管理	51
201-3	Defined benefit plan obligations and other retirement plans 定義福利計劃義務与其它退休計畫	Joining Hands with Our Team 與團隊攜手合作	72
201-4	Financial assistance received from government 自政府取得之財務補助	Our Sustainable Business 我們的可持續業務	9
GRI 300: ENVIRONMENTAL 環境			
Energy 能源			
GRI 103:	Management Approach 管理方針 2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Outstanding Environmental Management 優質環境管理	45-46
103-3	Evaluation of the management approach 管理方針的評估	Outstanding Environmental Management 優質環境管理	45-46
GRI 302:	Energy 2016 能源 2016		
302-1	Energy consumption within the organization 組織內部的能源消耗量	Outstanding Environmental Management 優質環境管理	54-55
302-2	Energy consumption outside the organization 組織外部的能源消耗量	Everbright Water's core products and services will not cause additional energy consumption to clients. 光大水務的核心業務的產品及服務不會對客戶造成額外的消耗。	—
302-3	Energy intensity 能源密集度	Key Statistics 主要數據	98-105
302-4	Reduction of energy consumption 減少能源消耗	Key Statistics 主要數據	98-105
302-5	Reductions in energy requirements of products and services 降低產品和服務的能源需求	Key Statistics 主要數據	98-105

Disclosure Number 披露編號	Description 描述	Relevant Chapter(s) or Other References/Explanation 有關章節或其他參考／說明	Page Number 頁數
Effluents and Waste 廢污水和廢棄物			
GRI 103:	Management Approach 2016 管理方針2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Outstanding Environmental Management 優質環境管理	45-46
103-3	Evaluation of the management approach 管理方針的評估	Outstanding Environmental Management 優質環境管理	45-46
GRI 306:	Effluents and Waste 2016 廢污水和廢棄物2016		
306-1	Water discharge by quality and destination 依水質及排放目的地所劃分的排水量	Outstanding Environmental Management 優質環境管理	48, 57
306-2	Waste by type and disposal method 按類別及處置方法劃分的廢棄物	Outstanding Environmental Management 優質環境管理	50-51
306-3	Significant spills 嚴重洩漏	The Group has no spilling accidents in 2018. 本集團於二零一八年並沒有發生洩漏事件。	–
306-4	Transport of hazardous waste 廢棄物運輸	Outstanding Environmental Management 優質環境管理	50
306-5	Water bodies affected by water discharges and/or runoff 受放流水及其他（地表）逕流排放而影響的水體	No water bodies are seriously/significantly affected by the Group's waste water discharge in 2018. 本集團於二零一八年的污水排放並沒有嚴重影響任何水體。	–
Environmental Compliance 有關環境保護的法規遵循			
GRI 103:	Management Approach 2016 管理方針2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Outstanding Environmental Management 優質環境管理	45-46
103-3	Evaluation of the management approach 管理方針的評估	Outstanding Environmental Management 優質環境管理	45-46
GRI 307:	Environmental Compliance 2016 有關環境保護的法規遵循2016		
307-1	Non-compliance with environmental laws and regulations 違反環保法規	Appendix III – Compliance with Relevant Laws and Regulations that are significant to Everbright Water 附錄III – 對光大水務有重大影響的相關法律及規例的遵守情況	119-124

Disclosure Number 披露編號	Description 描述	Relevant Chapter(s) or Other References/Explanation 有關章節或其他參考/說明	Page Number 頁數
GRI400: SOCIAL 社會			
Employment 勞雇關係			
GRI 103:	Management Approach 管理方針 2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Joining Hands with Our Team 與團隊攜手合作	59-66
103-3	Evaluation of the management approach 管理方針的評估	Joining Hands with Our Team 與團隊攜手合作	59-66
GRI 401:	Employment 勞雇關係 2016		
401-1	New employee hires and employee turnover 新進員工和離職員工	Joining Hands with Our Team 與團隊攜手合作	64-65
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees 提供給全職員工（不包括臨時或兼職員工）的福利	Joining Hands with Our Team 與團隊攜手合作	70-73
401-3	Parental leave 育嬰假	Joining Hands with Our Team 與團隊攜手合作	70-73
Occupational Health and Safety 職業安全衛生			
GRI 103:	Management Approach 管理方針 2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Joining Hands with Our Team 與團隊攜手合作	74-76
103-3	Evaluation of the management approach 管理方針的評估	Joining Hands with Our Team 與團隊攜手合作	74-76
GRI 403:	Occupational Health and Safety 職業安全衛生 2018		
403-1	Occupational health and safety management system 職業安全衛生管理系統	Joining Hands with Our Team 與團隊攜手合作	74
403-2	Hazard identification, risk assessment, and incident investigation 危害辨識、風險評估及事故調查	Joining Hands with Our Team 與團隊攜手合作	74-76
403-3	Occupational health services 職業健康服務	Joining Hands with Our Team 與團隊攜手合作	74-76
403-4	Worker participation, consultation, and communication on occupational health and safety 有關職業安全衛生之工作者參與、諮商與溝通	Joining Hands with Our Team 與團隊攜手合作	74-76
403-5	Worker training on occupational health and safety 有關職業安全衛生之工作者訓練	Joining Hands with Our Team 與團隊攜手合作	76
403-6	Promotion of worker health 工作者健康促進	Joining Hands with Our Team 與團隊攜手合作	74-76
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships 預防和減輕與業務關係直接相關聯之職業安全衛生的衝擊	Joining Hands with Our Team 與團隊攜手合作	74-76
403-8	Workers covered by an occupational health and safety management system 職業安全衛生管理系統所涵蓋之工作者	Joining Hands with Our Team 與團隊攜手合作	74-76
403-9	Work-related injuries 職業傷害	Joining Hands with Our Team 與團隊攜手合作	79
403-10	Work-related ill health 職業病	Joining Hands with Our Team 與團隊攜手合作	79

Disclosure Number 披露編號	Description 描述	Relevant Chapter(s) or Other References/Explanation 有關章節或其他參考／說明	Page Number 頁數
Diversity and Equal Opportunity 員工多元化與平等機會			
GRI 103:	Management Approach 管理方針 2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Joining Hands with Our Team 與團隊攜手合作	59-62
103-3	Evaluation of the management approach 管理方針的評估	Joining Hands with Our Team 與團隊攜手合作	59-62
GRI 405:	Diversity and Equal Opportunity 員工多元化與平等機會 2016		
405-1	Diversity of governance bodies and employees 治理單位與員工的多元化	Joining Hands with Our Team 與團隊攜手合作	60-62
405-2	Ratio of basic salary and remuneration of women to men 女性對男性基本薪資加薪酬的比率	Joining Hands with Our Team 與團隊攜手合作	70-71
Child Labor 童工			
GRI 103:	Management Approach 管理方針 2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Joining Hands with Our Team 與團隊攜手合作	70-71
103-3	Evaluation of the management approach 管理方針的評估	Joining Hands with Our Team 與團隊攜手合作	70-71
GRI 408:	Child Labor 童工 2016		
408-1	Operations and suppliers at significant risk for incidents of child labor 營運據點和供應商使用童工之重大風險	Joining Hands with Our Team 與團隊攜手合作	70-71
Forced or Compulsory Labor 強迫或強制勞動			
GRI 103:	Management Approach 管理方針 2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Joining Hands with Our Team 與團隊攜手合作	70-71
103-3	Evaluation of the management approach 管理方針的評估	Joining Hands with Our Team 與團隊攜手合作	70-71
GRI 409:	Forced or Compulsory Labor 強迫或強制勞動 2016		
409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor 具強迫或強制勞動事件重大風險的營運據點和供應商	Joining Hands with Our Team 與團隊攜手合作	70-71

Disclosure Number 披露編號	Description 描述	Relevant Chapter(s) or Other References/Explanation 有關章節或其他參考／說明	Page Number 頁數
Customer Health and Safety 顧客健康與安全			
GRI 103:	Management Approach 2016 管理方針 2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Outstanding Environmental Management 優質環境管理	56
103-3	Evaluation of the management approach 管理方針的評估	Outstanding Environmental Management 優質環境管理	56
GRI 416:	Customer Health and Safety 2016 顧客健康與安全 2016		
416-1	Assessment of the health and safety impacts of product and service categories 評估產品和服務類別對健康和安全的衝擊	The group's main product is treated waste water, which does not bring significant health and safety impacts to our customers. 本集團的主要產品為已處理的污水,因此並沒有對客戶造成重大健康與安全衝擊。	—
416-2	Incidents of non-compliance concerning the health and safety impacts of products and services 違反有關產品與服務的健康和安全法規之事件	The Group was not involved in non-compliance cases concerning the health and safety impacts of products and services in 2018. 本集團於二零一八年並沒有涉及產品和服務的健康與安全影響的違規事件。	—
Socioeconomic Compliance 社會經濟法規遵循			
GRI 103:	Management Approach 2016 管理方針 2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Joining Hands with Our Team 與團隊攜手合作	70-71
103-3	Evaluation of the management approach 管理方針的評估	Joining Hands with Our Team 與團隊攜手合作	70-71
GRI 419:	Socioeconomic Compliance 2016 社會經濟法規遵循 2016		
419-1	Non-compliance with laws and regulations in the social and economic area 違反社會與經濟領域之法律和規定	The Group was not involved in non-compliance cases concerning social and economic matters in 2018. 本集團於二零一八年並沒有涉及社會與經濟領域的違規事件。	—
Disaster/Emergency Planning and Response 災難／緊急應急計劃			
GRI 103:	Management Approach 2016 管理方針 2016		
103-1	Explanation of the material topic and its Boundary 解釋重大主題及其邊界	Promoting Stakeholder Engagement 推動持份者參與	43
103-2	The management approach and its components 管理方針及其要素	Outstanding Environmental Management 優質環境管理 Joining Hands with Our Team 與團隊攜手合作	51 75
103-3	Evaluation of the management approach 管理方針的評估	Outstanding Environmental Management 優質環境管理 Joining Hands with Our Team 與團隊攜手合作	51 75

Subject Areas, Aspects, General Disclosures and KPIs 主要範疇、層面、一般披露及關鍵績效指標	Description 描述	Relevant Chapter(s) and/or Explanation 有關章節或其他說明
A. ENVIRONMENT 環境		
Aspect A1: Emissions 層面 A1：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。	Outstanding Environmental Management 優質環境管理 Compliance with Relevant Laws and Regulations That Have a Significant Impact on Everbright Water 對光大水務有重大影響的相關法律及規例的遵守情況
KPI A1.1	The types of emissions and respective emissions data. 排放物種類及相關排放資料。	Outstanding Environmental Management 優質環境管理
KPI A1.2	Greenhouse gas emissions in total (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility). 溫室氣體總排放量（以噸計算）及（如適用）密度（如以每產量單位、每項設施計算）。	Outstanding Environmental Management 優質環境管理 Key Statistics 主要數據
KPI 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）。	Not applicable. No hazardous waste is produced by Everbright Water's operations. 不適用。光大水務的運營不會產生有害廢棄物。
KPI 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）。	Outstanding Environmental Management 優質環境管理 Key Statistics 主要數據
KPI A1.5	Description of measures to mitigate emissions and results achieved. 描述減低排放量的措施及所得成果。	Outstanding Environmental Management 優質環境管理
KPI A1.6	Description of how hazardous and non-hazardous wastes are handled, reduction initiatives and results achieved. 描述處理有害及無害廢棄物的方法、減低產生量的措施及所得成果。	Outstanding Environmental Management 優質環境管理 No hazardous waste is produced by Everbright Water's operations. 光大水務的運營不會產生有害廢棄物。
Aspect A2: Use of Resources 層面 A2：資源使用		
General Disclosure 一般披露	Policies on the efficient use of resources, including energy, water and other raw materials. 有效使用資源（包括能源、水及其他原材料）的政策。	Outstanding Environmental Management 優質環境管理
KPI 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）。	Outstanding Environmental Management 優質環境管理 Key Statistics 主要數據
KPI 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）。	Outstanding Environmental Management 優質環境管理 Key Statistics 主要數據
KPI A2.3	Description of energy use efficiency in initiatives and results achieved. 描述能源使用效益計劃及所得成果。	Outstanding Environmental Management 優質環境管理
KPI A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency initiatives and results achieved. 描述求取適用水源上可有任何問題，以及提升用水效益計劃及所得成果。	Outstanding Environmental Management 優質環境管理 Regarding water sourcing, all of the Group's operating projects have obtained the respective environmental impact assessment approvals and water-drawing permits. There are no associated issues in sourcing water that is fit for purpose. 在取水方面，本集團的所有運營項目均獲得相關的環評批覆及取水證，我們在獲得適用水源上沒有發現任何問題。
KPI A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced. 製成品所用包裝材料的總量（以噸計算）及（如適用）每生產單位佔量。	Our main product is treated waste water, which does not involve packaging material usage. 我們的主要產品為已處理的污水，並不包含包裝物料。
Aspect A3: The Environment and Natural Resources 層面 A3：環境及天然資源		
General Disclosure 一般披露	Policies on minimising the issuer's significant impact on the environment and natural resources. 減低發行人對環境及天然資源造成重大影響的政策。	Outstanding Environmental Management 優質環境管理
KPI 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。	Outstanding Environmental Management 優質環境管理

Subject Areas, Aspects, General Disclosures and KPIs 主要範疇、層面、一般披露及關鍵績效指標	Description 描述	Relevant Chapter(s) and/or Explanation 有關章節或其他說明
B. SOCIAL 社會		
Employment and Labour Practices 僱傭及勞工常規		
Topic B1: Employment 層面 B1 : 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的資料。	Joining Hands with Our Team 與團隊攜手合作 Compliance with Relevant Laws and Regulations That Have a Significant Impact on Everbright Water 對光大水務有重大影響的相關法律及規例的遵守情況
KPI B1.1	Total work force by gender, employment type, age group and geographical region. 按性別、僱傭類型、年齡組別及地區劃分的僱員總數。	Joining Hands with Our Team 與團隊攜手合作 Key Statistics 主要數據
KPI B1.2	Employee turnover rate by gender, age group and geographical region. 按性別、年齡組別及地區劃分的僱員流失比率。	Joining Hands with Our Team 與團隊攜手合作 Key Statistics 主要數據
Aspect B2: Health and Safety 層面 B2 : 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僱員避免職業性危害的： (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。	Joining Hands with Our Team 與團隊攜手合作 Compliance with Relevant Laws and Regulations That Have a Significant Impact on Everbright Water 對光大水務有重大影響的相關法律及規例的遵守情況
KPI B2.1	Number and rate of work-related fatalities. 因工作關係而死亡的人數及比率。	Joining Hands with Our Team 與團隊攜手合作 Key Statistics 主要數據
KPI B2.2	Lost days due to work injury. 因工傷損失工作日數。	Joining Hands with Our Team 與團隊攜手合作 Key Statistics 主要數據
KPI B2.3	Description of occupational health and safety measures adopted, 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。	Joining Hands with Our Team 與團隊攜手合作
Aspect B3: Development and Training 層面 B3 : 發展及培訓		
General Disclosure 一般披露	Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities. 有關提升僱員履行工作職責的知識及技能的政策、描述培訓活動。	Joining Hands with Our Team 與團隊攜手合作
KPI B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management). 按性別及僱員類別（如高級管理層、中級管理層等）劃分的受訓僱員百分比。	Joining Hands with Our Team 與團隊攜手合作
KPI B3.2	The average training hours completed per employee by gender and employee category. 按性別及僱員類別劃分，每名僱員完成受訓的平均時數。	Joining Hands with Our Team 與團隊攜手合作 Key Statistics 主要數據
Aspect B4: Labour Standards 層面 B4 : 勞工準則		
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 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。	Joining Hands with Our Team 與團隊攜手合作 Compliance with Relevant Laws and Regulations That Have a Significant Impact on Everbright Water 對光大水務有重大影響的相關法律及規例的遵守情況
KPI 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。	The Group regularly reviews its employment practice to ensure compliance with the applicable laws and regulations in preventing child and forced labour. 本集團定期檢討其招聘措施以確保遵守適用於有關避免童工及強制勞工的法律及規例。
KPI 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。	The Group has zero tolerance towards such practice. Violations are subject to internal disciplinary actions or handled by relevant authorities. 本集團並不容忍此違規情況。如有發現，將根據內部處分或交給有關部門處理。

Subject Areas, Aspects, General Disclosures and KPIs 主要範疇、層面、一般披露及關鍵績效指標	Description 描述	Relevant Chapter(s) and/or Explanation 有關章節或其他說明
Operating Practices 營運慣例		
Aspect B5: Supply Chain Management 層面 B5 : 供應鏈管理		
General Disclosure 一般披露	Policies on managing environmental and social risks of the supply chain. 管理供應鏈的環境及社會風險政策。	Corporate Governance 企業管治 Joining Hands with Our Team 與團隊攜手合作
KPI B5.1	Number of suppliers by geographical region. 按地區劃分的供應商數目。	Corporate Governance 企業管治
KPI B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, how they are implemented and monitored. 描述有關聘用供應商的慣例,向其執行有關慣例的供應商數目、以及有關慣例的執行及監察方法。	Corporate Governance 企業管治 Joining Hands with Our Team 與團隊攜手合作
Aspect B6: Product Responsibility 層面 B6 : 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, labelling and privacy matters relating to products and services provided and methods of redress. 有關所提供產品和服務的健康與安全、廣告、標籤及私隱事宜以及補救方法的: (a) 政策; 及 (b) 遵守對發行人有重大影響的相關法律及規例的資料。	Corporate Governance 企業管治 Outstanding Environmental Management 優質環境管理 Compliance with Relevant Laws and Regulations That Have a Significant Impact on Everbright Water 對光大水務有重大影響的相關法律及規例的遵守情況 The Group has not identified material concerns in its operations regarding advertising and labelling in our operation, thus dedicated policies are not in place. 本集團並未發現營運中有關廣告及標籤事宜的重大問題,故此,我們並無相關專門政策。 There are no laws and regulations that have a significant impact on the Group regarding advertising, labelling and privacy matters relating to products and services provided by the Group. 本集團並無有關所提供產品和服務的廣告、標籤及私隱事宜的相關法律及規例對其構成重大影響。
KPI 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。	We did not have products recalled for safety and health reasons in 2018. 我們於二零一八年沒有因安全與健康理由而須回收產品。
KPI 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。	We did not receive complaints relating to products and service in 2018. 我們於二零一八年沒有接獲關於產品及服務的投訴。
KPI B6.3	Description of practices relating to observing and protecting intellectual property rights. 描述與維護及保障智慧財產權有關的慣例。	Corporate Governance 企業管治
KPI B6.4	Description of quality assurance process and recall procedures. 描述品質檢定過程及產品回收程式。	Outstanding Environmental Management 優質環境管理 Due to the specific nature of the Group's water environment management business, recall procedures are not applicable to our products and services provided. 本集團業務性質為水環境綜合治理,當中並沒有適用的產品及服務回收程序。
KPI B6.5	Description of consumer data protection and privacy policies, 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。	Corporate Governance 企業管治
Aspect B7: Anti-corruption 層面 B7 : 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。	Joining Hands with Our Team 與團隊攜手合作 Compliance with Relevant Laws and Regulations That Have a Significant Impact on Everbright Water 對光大水務有重大影響的相關法律及規例的遵守情況
KPI B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases. 於匯報期內對發行人或其僱員提出並已審結的貪污訴訟案件的數目及訴訟結果。	Joining Hands with Our Team 與團隊攜手合作
KPI B7.2	Description of preventive measures and whistle-blowing procedures, how they are implemented and monitored. 描述防範措施及舉報程式,以及相關執行及監察方法。	Corporate Governance 企業管治

Subject Areas, Aspects, General Disclosures and KPIs 主要範疇、層面、 一般披露及關鍵 績效指標	Description 描述	Relevant Chapter(s) and/or Explanation 有關章節或其他說明
Community 社區		
Aspect B8: Community Investment 層面 B8：社區投資		
General Disclosure 一般披露	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take in to 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。	Community and Philanthropy 社區與公益
KPI B8.1	Focus are as of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport). 專注貢獻範疇（如教育、環境事宜、勞工需求、健康、文化、體育）。	Community and Philanthropy 社區與公益
KPI B8.2	Resources contributed (e.g. money or time) to the focus area. 在專注範疇所動用資源（如金錢或時間）。	Community and Philanthropy 社區與公益

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**Compliance with Relevant Laws and Regulations That Have a Significant
Impact on Everbright Water**

對光大水務有重大影響的相關法律及規例的遵守情況

Aspect A1: Emissions
層面A1：排放物

In order to protect and improve the environment, prevent pollution and other public hazards, safeguard public health, promote the development of ecological conservation, and promote sustainable economic and social development, China has enacted a large number of laws to protect environmental resources. Key laws and regulations applicable to the Group include the Environmental Protection Law of the People's Republic of China, Law of the People's Republic of China on Environmental Impact Assessment, Water Pollution Prevention and Control Law of the People's Republic of China, Marine Environment 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, Law of the People's Republic of China on Prevention and Control of Environmental Noise Pollution and Atmospheric Pollution Prevention and Control Law of the People's Republic of China. These laws and regulations provide clear requirements on air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste. The Group shall comply with all the above laws and regulations, otherwise it may be subject to penalties, suspension of operation, and/or legal action against the Group by regulatory authorities.

為保護和改善環境，防治污染和其他公害，保障公眾健康，推進生態文明建設，促進經濟和社會的可持續發展，中國制定實施了大量環境資源保護的法律。適用於本集團的主要法律及規例包括《中華人民共和國環境保護法》、《中華人民共和國環境影響評價法》、《中華人民共和國水污染防治法》、《中華人民共和國海洋環境保護法》、《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噪聲污染防治法》及《中華人民共和國大氣污染防治法》。該等法律及規例對廢氣及溫室氣體排放、向水及土地的排污以及有害及無害廢棄物的產生等方面提供了明確要求。本集團必須遵循以上相關的環境法律法規，否則監管機構有權對本集團作出罰款、勒令停運及／或採取法律行動。

In 2018, there was no confirmed case of non-compliance in relation to environmental protection that would have a significant impact on the Group. Please refer to chapter "Outstanding Environmental Management" on how Everbright Water ensures compliance with applicable environmental laws and regulations.

二零一八年並沒有任何與環境保護相關並對本集團有重大影響的已確認違規事件。如欲了解更多光大水務遵守相關環境法律法規的情況，請參閱本報告「優質環境管理」章節。

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Compliance with Relevant Laws and Regulations That Have a Significant Impact on Everbright Water

對光大水務有重大影響的相關法律及規例的遵守情況

Aspect B1: Employment 層面B1：僱傭

The Labour Law of the People's Republic of China, Labour Contract Law of the People's Republic of China, Hong Kong's Employment Ordinance and Singapore Employment Act stipulate the legal obligations and responsibility of employers to provide employment protection and benefits covering compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare. The Social Insurance Law of the People's Republic of China is formulated for the purpose of regulating sickness insurance, occupational injury insurance, maternity insurance, medical care insurance, retirement insurance, and death insurance, and also clarifies the legal liabilities of the employer. The Regulation on the Management of Housing Provident Fund is formulated for the purpose of maintaining the lawful rights and interests of housing provident fund owners. These laws and regulations provide relevant protection for the Group's employees and safeguard their lawful rights. The Group will continue to comply with all relevant employment laws and regulations to protect the Group's most valuable asset – employees.

《中華人民共和國勞動法》、《中華人民共和國勞動合同法》、香港《僱傭條例》及新加坡《僱傭法》提供了全面的僱傭保障和福利，涵蓋對薪酬及解僱、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方面的要求，明確了僱主的法定義務和責任。《中華人民共和國社會保險法》規定了疾病、工傷、生育、醫療、退休及死亡保險，並釐清了僱主的相關法律責任。《住房公積金管理條例》則維護了住房公積金所有者的合法權益。以上法律法規為本集團的員工提供相關保障，保護員工的合法權利。本集團將繼續遵守所有相關的僱傭法律法規，保障本集團最寶貴的財富——員工。

In 2018, there was no confirmed case of non-compliance in relation to the Group's employment practices that would have a significant impact on the Group. Please refer to chapter "Joining Hands with Our Team" on how Everbright Water ensures compliance with applicable employment laws and regulations.

二零一八年並沒有任何與僱傭相關並對本集團有重大影響的已確認違規事件。如欲了解更多光大水務遵守相關僱傭法律法規的情況，請參閱本報告「與團隊攜手合作」章節。

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B2: Health and Safety
層面B2：健康與安全

**Compliance with Relevant Laws and Regulations That Have a Significant
Impact on Everbright Water**

對光大水務有重大影響的相關法律及規例的遵守情況

The Labour Law of the People's Republic of China, and Work Safety Law of the People's Republic of China commit to the protection of labour safety and production safety, and require manufacturing organisations and employers to provide a safe working environment and protect employees from occupational hazards. The Social Insurance Law of the People's Republic of China is formulated for the purpose of regulating sickness insurance, occupational injury insurance, maternity insurance, medical care insurance, retirement insurance, and death insurance, and also clarifies the legal liabilities of the employer. Compliance with these laws and regulations is paramount as workplace safety is of critical importance to each and every employee of the Group. As a socially responsible enterprise, the Group complies with relevant health and safety laws to provide employees with a safe workplace and suitable insurance.

《中華人民共和國勞動法》及《中國人民共和國安全生產法》旨在維護勞動安全衛生及生產安全，要求生產經營單位及僱主提供安全工作環境及保障僱員避免職業性危害。《中華人民共和國社會保險法》則規定了疾病、工傷、生育、醫療、退休及死亡保險，並釐清了僱主的相關法律責任。遵守這些法律法規是本集團的首要任務，因為工作場所的安全對本集團每一位員工都十分重要。為員工提供安全工作環境及合適保險是光大水務作為良心企業的實踐，本集團會嚴守相關健康與安全法律法規。

In 2018, there was no confirmed case of non-compliance in relation to health and safety that would have a significant impact on the Group. Please refer to chapter "Joining Hands with Our Team" on how Everbright Water ensures compliance with applicable laws and regulations relating to health and safety.

二零一八年並沒有任何與健康與安全相關並對本集團有重大影響的已確認違規事件。如欲了解更多光大水務遵守相關健康與安全法律法規的情況，請參閱本報告「與團隊攜手合作」章節。

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B4: Labour Standards

層面B4：勞工準則

**Compliance with Relevant Laws and Regulations That Have a Significant
Impact on Everbright Water**

對光大水務有重大影響的相關法律及規例的遵守情況

The Labour Law of the People's Republic of China, Hong Kong's Employment Ordinance and Singapore Employment Act set out clear rules for preventing child labour and forced labour, and elaborate on the legal liabilities of employers who violate the relevant laws and regulations. Everbright Water highly values human rights and aims to demonstrate its "People-Oriented" corporate spirit through strictly complying with relevant labour standards.

《中華人民共和國勞動法》、香港《僱傭條例》及新加坡《僱傭法》對防止童工和強制勞工列有明確規定，並詳細地闡述了違反相關法律及法規的僱主的法律責任。光大水務高度重視人權，透過遵守相關勞工準則，充分反映其「以人為本」的企業精神。

In 2018, there was no confirmed case of non-compliance in relation to labour standards that would have a significant impact on the Group. Please refer to chapter "Joining Hands with Our Team" on how Everbright Water ensures compliance with applicable laws and regulations relating to labour standards.

二零一八年並沒有任何與勞工準則相關並對本集團有重大影響的已確認違規事件。如欲了解更多光大水務遵守相關勞工法律法規的情況，請參閱本報告「與團隊攜手合作」章節。

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**B6: Product
Responsibility**
層面B6：產品責任

**Compliance with Relevant Laws and Regulations That Have a Significant
Impact on Everbright Water**

對光大水務有重大影響的相關法律及規例的遵守情況

The Law of the People's Republic of China on Product Quality was formulated with the aim of strengthening product quality monitoring, improving product quality, specifying product quality responsibility, safeguarding legal rights of customers, as well as protecting social and economic order. These laws and regulations provide clear requirements on health and safety matters and remedial methods relating to products and services provided. The Group complies with relevant laws and regulations in relation to product responsibility to ensure customers receive safe and reliable services.

《中華人民共和國產品品質法》的制定旨在加強對產品品質的監督管理，提高產品品質水準，明確產品品質責任，保護消費者的合法權益，維護社會經濟秩序。該等法律對產品和服務的健康與安全事宜以及補救方法提供了明確的要求。本集團遵循相關的產品責任法律法規以確保顧客獲得安全及可靠的服務。

In 2018, there was no confirmed case of non-compliance in relation to product responsibility that would have a significant impact on the Group. Please refer to chapter "Outstanding Environmental Management" on how Everbright Water ensures compliance with applicable laws and regulations relating to product responsibility.

二零一八年並沒有任何與產品責任相關並對本集團有重大影響的已確認違規事件。如欲了解更多光大水務遵守相關產品責任法律法規的情況，請參閱本報告「優質環境管理」章節。

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B7: Anti-corruption

層面B7：反貪污

Compliance with Relevant Laws and Regulations That Have a Significant Impact on Everbright Water

對光大水務有重大影響的相關法律及規例的遵守情況

The Anti-Unfair Competition Law of the People's Republic of China, Hong Kong's Prevention of Bribery Ordinance and Singapore Anti-Corruption Regulation set out clear rules on preventing bribery, extortion, fraud and money laundering. These laws and regulations aim to maintain social integrity and fairness, prevent unfair competition, and protect the legal rights of service providers and customers. The Group firmly believes that misconduct such as corruption has significant negative impact to the business development. Therefore, the Group strictly complies with relevant anti-corruption laws and regulations to maintain a good reputation and enhance its competitiveness.

《中華人民共和國反不正當競爭法》、香港《防止賄賂條例》及新加坡《防止賄賂條例》對防止賄賂、勒索、欺詐及洗黑錢行為提供了明確的規定，旨在維護社會廉潔公平，制止不正當競爭行為，保護服務提供者和消費者的合法權益。本集團深信貪污等不當行為對業務發展百害而無一利，因此嚴格遵循相關的反貪污法律法規，致力維持本集團良好的聲譽及提升公司競爭力。

In 2018, there was no confirmed case of non-compliance in relation to corrupt practices that would have a significant impact on the Group. Please refer to chapter "Joining Hands with Our Team" on how Everbright Water ensures compliance with applicable laws and regulations relating to anti-corruption practices.

二零一八年並沒有任何與反貪污相關並對本集團有重大影響的已確認違規事件。如欲了解更多光大水務遵守相關反貪污法律法規的情況，請參閱本報告「與團隊攜手合作」章節。

2018

Sustainability Report

可持續發展報告

CHINA EVERBRIGHT WATER LIMITED
中國光大水務有限公司



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