



光大水务
Everbright Water

(STOCK CODE 股份代号: U9E)



SUSTAINABILITY
REPORT
可持续发展报告
2017





Devoted to

ECOLOGY AND
ENVIRONMENT

for a

BEAUTIFUL CHINA



情系

生态环境

筑梦

美丽中国



WANG TIANYI
王天义

Non-Executive Director and Chairman
非执行董事兼董事长



According to the latest report published by the United Nations, two-thirds of the world's population is expected to live in cities by 2050. As population growth continues to surge, demand for water resources continues to increase. Rapid urbanisation and industrialisation also result in producing more waste water, as well as larger needs for waste water treatment and water environment management. With the continuous expansion of the water industry, a series of national policies have been issued to support ecological restoration, and China is implementing its development ideology that "Lucid waters and lush mountains are invaluable assets". All these will bring along tremendous development opportunities to Everbright Water, which focuses on water environment management services.

Everbright Water upholds "Devoted to Ecology and Environment for a Beautiful China" as its corporate mission and embraces the concept of "Taking Quality as the Top Mission and Keeping Efficiency as the Priority with Support by Scale". Leveraging on the support from Everbright International, Everbright Water will be dedicated to comprehensive management of water environment, comprehensive utilisation of water resources and comprehensive protection of water ecology, so as to contribute to the continuous improvement of ecology and environment.

根据联合国最新报告，到二零五零年时，预计全球将有三分之二的人口居住在城市。随着人口增长急速，水资源的需求不断增加。急速的城市化及工业化亦大幅增加污水排放量，污水处理、水环境治理等服务需求也同时增加。随着水务市场的规模持续扩大，一系列支持生态环境治理的国家政策陆续出台，加上中国正践行「绿水青山就是金山银山」的发展理念，必为以水环境综合治理业务为中心的光大水务带来巨大的发展机遇。

光大水务以「情系生态环境、筑梦美丽中国」为企业使命，以「质量第一、效益优先、规模助力」为发展思路，背靠光大国际的支持，致力于水环境综合治理、水资源综合利用与水生态综合保护，为生态环境的持续改善作出贡献。

SUSTAINABILITY REPORT

可持续发展报告

2017

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China Everbright Water Limited (“Everbright Water” or the “Company”), listed on the Mainboard of Singapore Exchange Securities Trading Limited (“SGX”) (stock code: U9E), is the water business platform under China Everbright International Limited (stock code: 00257.HK, “Everbright International”).

The Company strives to emerge as a leader in the water sector of China. We are primarily engaged in water environment management, 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, engineering and construction, etc. Our operations span across East, Central, South, North, Northeast and Northwest China, including Beijing, Jiangsu, Shandong, Shaanxi, Henan, Hubei, Guangxi Zhuang Autonomous Region, Liaoning, Inner Mongolia Autonomous Region, etc.

The Sustainability Report 2017 (the “Report”) is the first standalone sustainability report of the Company. The Report has been prepared in accordance with the Global Reporting Initiative (“GRI”) Standards: “Comprehensive” option, SGX Listing Manual (Rules 711A, 711B and Practice Note 7.6 “Sustainability Reporting Guide”), and the “Environmental, Social and Governance (“ESG”) Reporting Guide” published by The Stock Exchange of Hong Kong Limited (“HKEx”). Unless otherwise specified, the information disclosed in the Report is based on the materiality assessment, stakeholder engagement and other relevant sustainability reporting guidelines, covering the sustainability performance of the Company’s headquarter in Shenzhen, Hong Kong and Singapore offices, and the operating environmental protection projects under the Company’s operational control during 1 January 2017 to 31 December 2017 (the “Reporting Period”). The relevant entities of the Report can be found in our Annual Report 2017 – Notes to the Financial Statements. In the Report, workers of contractors and subcontractors and outsourced service workers are not regarded as employees of the Company. Relevant guidelines or provisions of international or local context are used as the basis for data collection and analysis of the Report, including the use of the Clean Development Mechanism’s approved methodologies for the estimation of the projects’ greenhouse gas emissions.

The Company has commissioned the Hong Kong Quality Assurance Agency as a third-party verification institution to conduct an independent audit and assurance for the Report, and the relevant Verification Statement is placed at the end of the Report. The board of directors of Everbright Water (the “Board”) had reviewed and approved the contents 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 (Chinese and English versions) is available at the websites of Everbright Water (www.ebwater.com) and SGX (www.sgx.com). The Company welcomes all stakeholders and the public to provide valuable comments to info@ebwater.com in all aspects as we join hands towards sustainable development.

As Everbright Water is a listed subsidiary of Everbright International, the Report also complies with the “Environmental, Social and Governance Reporting Guide” as stipulated in Rule 13.91 and Appendix 27 to Rules Governing the Listing of Securities on HKEx, thus ensuring Everbright International’s full compliance with HKEx’s relevant requirements as a whole.

中国光大水务有限公司(「光大水务」或「本公司」)于新加坡证券交易所有限公司(「新交所」)主板上市(上市编号: U9E), 是中国光大国际有限公司(上市编号: 00257.HK, 「光大国际」)旗下的水务业务运营平台。

本公司致力成为中国水务行业的翘楚。我们的主营业务包括水环境综合治理、海绵城市建设、流域治理、供水、污水处理、中水回用、污水源热泵、污泥处理及处置以及环保水务技术研发和工程建设等。我们的业务遍及中国华东、华中、华南、华北、东北及西北地区, 包括北京、江苏、山东、陕西、河南、湖北、广西壮族自治区、辽宁、内蒙古自治区等地。

二零一七年可持续发展报告(「本报告」)为公司的首份独立可持续发展报告。本报告符合全球报告倡议组织(「GRI」)标准的「全面」方案、新交所上市手册(规则第711A条、第711B条和第7.6项应用指引《可持续发展报告指引》)和香港联合交易所有限公司(「港交所」)发布的《环境、社会及管治报告指引》编制而成。除非另有注明, 本报告所披露的内容是基于实质性评估、持份者参与和其他相关可持续发展报告指引厘定, 涵盖了于二零一七年一月一日至二零一七年十二月三十一日(「报告期」)本公司深圳总部、香港和新加坡办公室及本公司拥有运营控制权的运营环保项目的可持续发展绩效。本报告的相关实体可参阅《二零一七年度报告》—财务报表附注。在本报告中, 承包商和分包商工人及外判服务工人并不视作本公司员工。本报告的数据收集及分析乃根据相关之国际或当地指引及准则进行, 包括使用清洁发展机制核准的计算方法估算项目的温室气体排放。

本公司已委托香港品质保证局作为第三方审核机构, 为本报告的内容进行独立审计及认证, 其相关核实声明载于本报告末章。本报告获光大水务董事会(「董事会」)审阅及批准, 以证明董事会已将可持续发展议题视为战略制定的一部分, 确定了主要的环境、社会及管治议题, 并对主要环境、社会及管治议题的管理和监测进行了监督。

本报告(备有中英文版本)可通过光大水务网站(www.ebwater.com)及新交所网站(www.sgx.com)下载。本公司欢迎各持份者和公众电邮至info@ebwater.com就各方面提供宝贵意见, 以携手推动可持续发展。

由于光大水务是光大国际的上市附属公司, 本报告内容亦符合港交所《主板上市规则》第13.91条及附录二十七所载的《环境、社会及管治报告指引》, 以确保光大国际整体能完全符合港交所的相关要求。

The year of 2017 marked with steady growth at Everbright Water. We maintained a good development momentum, with notable improvement in the scale and quality of our operations and management. With the water industry continuing its upward trends and driven by the market and policy directions, we solidified our existing market position, while boosting our efforts in market expansion. As a result, the Company successfully ventured into new business areas and expanded its presence into new geographical areas. During the Reporting Period, we secured a record breaking number of 14 new projects, which involved a total investment amount of approximately RMB6.081 billion. While solidifying the existing market positions in waste water treatment and water environment management areas, the Company actively expanded its business to new areas such as urban-rural water supply. In addition, we ventured into the water environment management market in Hubei Province and Guangxi Zhuang Autonomous Region, marking our first project in Southern China. Several policy measures focusing on the improvement of water environment quality were rolled out in the year, and thus brought further growth opportunities to the water environment management industry in the areas such as sponge city construction and rural waste water treatment. With the Chinese government's commitment and support to technological innovation in the environmental protection sector, Everbright Water strives to march towards higher level of standard, technology and innovation.

Upholding the principle of "First-Class Quality, High Standard, Advanced Technology and Outstanding Efficiency", Everbright Water views new technologies as potential breakthrough and aims to establish its own core technologies. The Company established its research centre and built up a technical team, which carries out research on various key water environment management topics such as sponge city, river-basin ecological restoration, advanced treatment of municipal waste water, industrial waste water treatment, sludge treatment and disposal, etc. The Company also proactively participates in relevant collaborations and exchanges at home and abroad and enhances strategic collaboration with domestic and international research institutes. At the same time, Everbright Water strives to enhance its operations management model and the implementation of the Environmental, Safety, Health and Social Responsibility ("ESHS") Management System ("ESHS Management System") and Risk Management System. With the management being refined, standardised and institutionalised, the Company keeps risks under control, and thereby safeguards the long-term development of all businesses and technological research and developments in the future.

— 零一七年是光大水务稳步发展的一年，
— 我们保持了良好的发展势头，经营管理规模和质量再获提升。在持续向好的行业趋势下，本公司继续紧跟市场和政策脉动，深耕现有市场，加大市场拓展力度，在新的业务领域和地理区域都实现了新的收获。我们在报告期间共取得14个新项目，创下历史新高，当中涉及投资总额约人民币60.81亿元。在巩固污水处理、水环境治理市场地位的同时，本公司积极将业务范畴拓展至城乡供水等领域，并在华南地区实现了项目零的突破，进驻广西壮族自治区及湖北省的水环境治理市场。国家多项以改善水环境质量为核心的政策措施于年内纷纷推出，为水环境治理行业中如海绵城市建设、农村污水处理等领域打开了更广阔的发展空间。配合国家将环保技术创新视为重点所给予的大力支持，光大水务致力朝更加规范化、技术化、创新化的方向迈进。

秉承着「高质量、高标准、高技术、高效益」的理念，光大水务将新技术视为突破点，以打造自有核心技术。本公司成立了技术中心，组建了核心技术团队，推动海绵城市、流域治理、生活污水深度处理、工业污水处理、污泥处理处置等多个水环境治理的关键课题研究，积极参与国内外相关交流，并推动达成与国内科研院所的技术研发战略合作。同时，本公司高度重视运营管理体系水平的提升，深入推进落实环境、安全、健康及社会责任（「ESHS」）管理体系（「ESHS管理体系」）以及风险管理体系。透过精细化、标准化、制度化的管理，本公司确保风险持续可控，为各项业务和技术研发的长远发展保驾护航。

Environmental Protection

Being constantly committed to environmental protection, Everbright Water puts strong emphasis on the harmony between our water projects and the surrounding environment, striving to improve resource usage efficiency and environmental performance. In 2017, the Company had 11 projects commencing construction and 14 projects completing construction. Following our efforts in upgrading projects, most of the Company's operating waste water treatment projects reach the Grade 1A effluent discharge standard according to the "Discharge Standard of Pollutants for Municipal Wastewater Treatment Plant" (GB18918-2002). In accordance with the country's regulatory requirements and growing demands for urban development, Everbright Water continues to push forward upgrading of its existing projects and improve water environment quality in the urban areas.

During the Reporting Period, Everbright Water's waste water treatment projects in operation treated approximately 1.19 billion m³ of waste water and reduced approximately 319,000 tonnes of chemical oxygen demand (COD) discharge. Through implementing the management philosophy of "Integrity, Pragmatism, Efficiency and Innovation", as well as maintaining high industry standards and adopting advanced technologies, the Company strives to build benchmark environmental protection projects and effectively contribute to the improvement of ecological environment. Its performances towards this aim have been well recognised.

致力环保

光大水务一直以保护环境为己任，因此十分重视水务项目与周边环境的和谐共存，致力提升资源运用效率和环保表现。于二零一七年，本公司共有11个项目开工建设和14个项目建成完工。随着我们持续提标改造项目，本公司大部分目前投运的污水处理项目的出水均能达到《城镇污水处理厂污染物排放标准》(GB18918-2002)的一级A标准。透过围绕国家相关法规要求和城市发展需要，光大水务积极推进现有项目提标改造工程，努力改善城市水环境质量。

在报告期间，光大水务运营的污水处理项目共处理约11.9亿立方米的污水并削减约31.9万吨的化学需氧量(COD)排放。通过一贯诚信、务实、高效、创新的管理方针，并采用先进的科技和坚持高行业标准，本公司致力打造环保标杆项目，为生态环境的改善作出切实贡献，成绩有目共睹。

People-Oriented

Everbright Water firmly implements the “People-Oriented” talent strategy and explores training and development opportunities for our employees, so as to secure human resources and expand the talent pool for the Company. Through bringing in high-end talents from home and abroad and building up a backup talent pool, the Company forms an elite team with a tiered talent development strategy and a replacement mechanism. In addition, we actively explore the implementation of an apprenticeship programme to bring up operations management cadres and organise various trainings to improve the overall professional capabilities of our employees. In order to increase our core competitiveness, we put strong emphasis on strategic adjustment of management structure and optimisation of remuneration system. We also provide trainings for the management team on integrity and morality, signifying our responsiveness on corporate responsibilities.

Technological Innovation

Adhering to the “Technology Leads Development” ethos, Everbright Water optimises the organisation structure, strengthens efforts in recruiting talent and continuously promotes the industrial-academic collaboration model in a proactive manner. We strive to improve the research and development system, and have achieved a series of key technological breakthroughs and accomplishments in areas such as biological deodorisation system, low-temperature sludge drying, biological aerated filter, high-efficiency sedimentation tank, ozone catalytic oxidation, non-point source pollution purification treatment, rainwater treatment system, etc. Some of these technologies have been successfully applied to the Company’s projects, greatly enhancing the technological proficiency, quality and progress of projects under construction. These technologies have also improved the quality and efficiency of the projects in operation. In 2017, the Company was granted 21 patents, further boosting our technological innovation and long-term development in the field of water environment management.

以人为本

光大水务坚持深化「以人为本」的人才战略及探索对现有人才的培养和发展，务求为企业提供人力资源保障并扩展人才储备库。透过引进海内外高端人才、建立后备人才库，本公司形成了梯队式、互补式的人才队伍。此外，我们积极探索推行师徒制培养运营管理人才，举办各类培训，提升团队的整体专业素质。为强化企业发展核心竞争力，我们高度重视策略性调整管理架构和优化薪酬体系。我们也为管理层提供廉洁与道德培训，体现了我们对企业责任的承担。

科技创新

遵循着「科技引领发展」的路线，光大水务积极优化改进组织布局，加大人才引进力度，持续推进「产学研」合作模式。我们致力加强科研攻关体系建设，实现了一系列关键技术的突破和掌握，涉及领域包括生物除臭系统、污泥低温干化、曝气生物滤池、高效沉淀池、臭氧催化氧化、面源污染净化处理、雨水处理系统等。其中部分技术已成功应用于本公司旗下项目，显著提升工程项目的技术水平、建设质量和进度，也为运营项目提质增效。于二零一七年，本公司共获得21项专利授权，进而助推我们在水环境治理领域的技术创新和长期发展。

Caring for the Community

Everbright Water always values its commitments to social responsibility and contributes to the society through caring the community and actively participating in charitable activities. In order to create a communication platform for stakeholders and grow alongside with the community, the Company further increases its transparency by allowing stakeholders to visualise sustainability concepts in real life examples of waste water treatment. In this year, we also organised various public education activities through cooperations with environmental protection and technology associations and government departments. We hope that the caring spirit can be extended to the community. It not only signifies that virtue is its own reward, but also demonstrates Everbright Water's charitable culture of selfless devotion.

Summing Up

Through investing in technology R&D and innovation, Everbright Water persists in exploring new business areas, continuously improves its core technologies and strengthens its predominance in operations and management. Looking forward, under the guidance of the "Sustainable Development Strategies" for China's ecological conservation, the water environment management sector will continue its golden era and keep a strong development momentum. We will continue paying close attention to the country's water environment management policies at all levels and developing more quality projects to provide water environment management services with higher quality. With the core capabilities of self-developed technology and the brand influence, Everbright Water is firmly committed to working its way through opportunities and challenges, and becoming a leading player in the field of water environment management in China.

AN XUESONG

Executive Director and Chief Executive Officer

31 May 2018

关怀社区

光大水务一直重视对社会责任的承担，并透过切身关怀社区以及积极参与公益活动回馈社会。为建设与持份者的交流平台及达至与社区共同成长，本公司进一步提升自身透明度，并让持份者见证可持续发展理念在污水处理等环保项目的实践，本公司于年内主动透过与多个环保、科技协会及与政府机构合作举办不同类型的公众教育活动。我们希望彼此守望的精神能延展至社区，体现为善最乐的精神之余，更展现了光大水务所具有无私奉献的良好风貌。

小结

透过投入技术研发和创新，光大水务坚持探索新的业务领域，持续提升技术核心竞争力，加强经营与管理等方面的优势。展望未来，本公司坚信在国家生态文明建设的「永续发展大计」的指引下，水环境治理行业将延续黄金时代，继续蓬勃发展。我们将积极围绕国家各级水环境治理政策，打造更多精品项目，为更多地区提供更加优质的水环境治理服务。凭借自身技术的核心实力和品牌影响力，光大水务会坚定地机遇与挑战中奋力前行，致力成为中国水环境治理领域的翘楚。

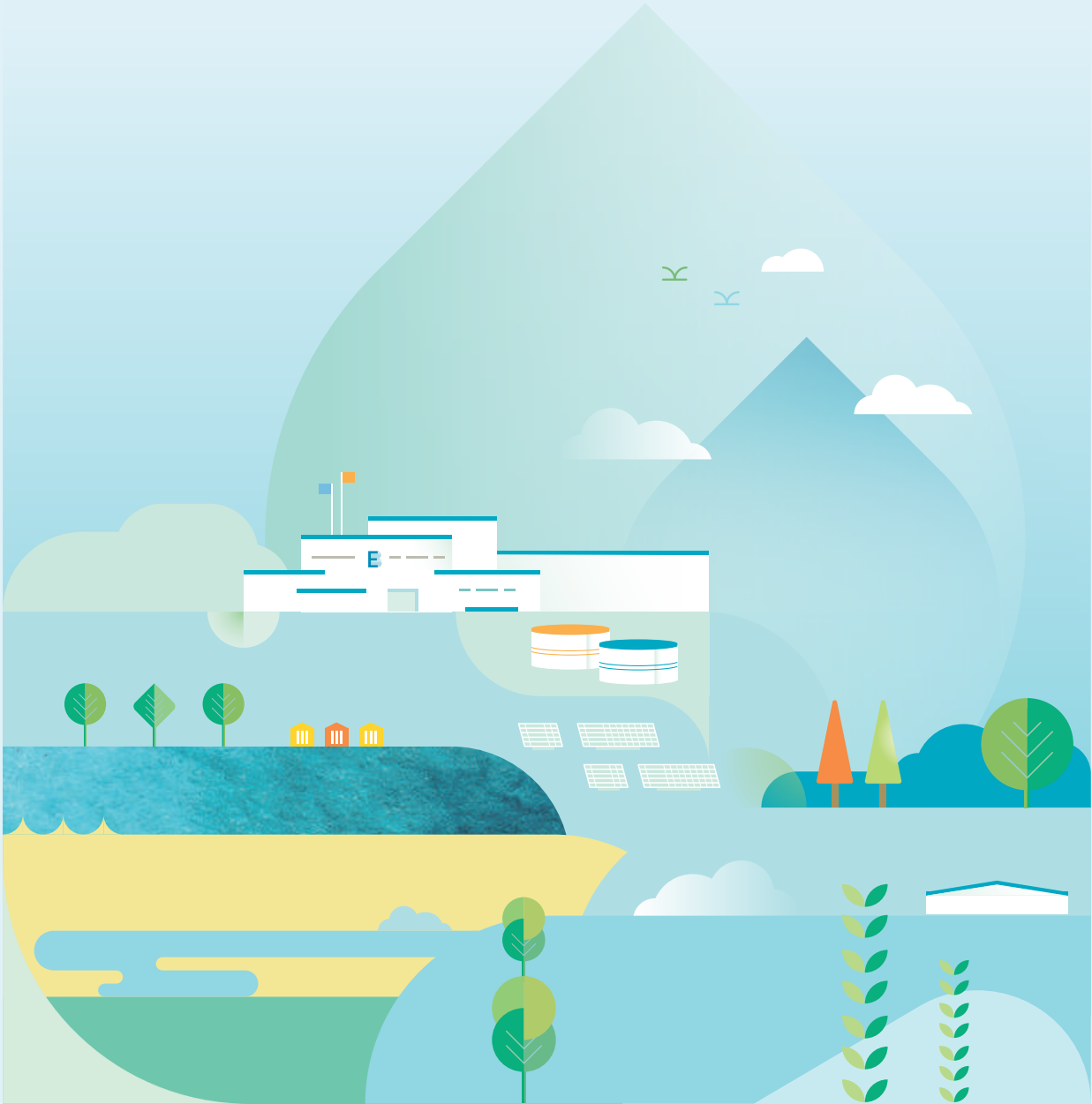
安雪松

执行董事兼总裁

二零一八年五月三十一日

Driving sustainability through **Our Business**

通过业务推动可持续发展



Everbright Water is an investor and operator focusing on water environment management and is listed on the Mainboard of SGX. The Company is principally engaged in water environment management, 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, engineering and construction, etc. The Company'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, etc. As at 31 December 2017, the Company held 94 environmental water projects, which commended a total investment of approximately RMB16.7 billion. The water treatment projects invested, constructed and operated by the Company have a total designed daily water treatment capacity of more than 5 million m³. In 2017, the Company's revenue was approximately HK\$3.592 billion and the total number of employees was 1,824.

光大水务是以水环境综合治理业务为主业的投资运营公司，为新交所主板上市公司。本公司主营业务包括水环境综合治理、海绵城市建设、流域治理、供水、污水处理、中水回用、污水源热泵、污泥处理处置以及环保水务技术研发和工程建设等，业务遍及华东、华中、华南、华北、东北及西北地区，包括北京、江苏、山东、陕西、河南、湖北、广西壮族自治区、辽宁及内蒙古自治区等地。截至二零一七年十二月三十一日，本公司已落实的环保水务项目达94个，涉及总投资额约人民币167亿元。本公司投资建设及运营管理的水处理项目的设计规模逾500万立方米/日。二零一七年度，本公司的全年收入约为港币35.92亿元，员工总数为1,824名。

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Municipal Waste Water Treatment Projects
生活污水处理项目

1

Water Supply Project
供水项目

5

Reusable Water Projects
中水回用项目

2

Waste Water Source Heat Pump Projects
污水源热泵项目

3

Industrial Waste Water Treatment Projects
工业污水处理项目

2

Sludge Treatment and Disposal Projects
污泥处理处置项目

4

Water Environment Management Projects
水环境治理项目



14 New Projects in 2017
二零一七年新项目

14 Projects completed construction in 2017
二零一七年建成完工项目

11 Projects commenced construction in 2017
二零一七年开工建设项目

Technology Leads Development

In order to build water projects with first-class quality, high standard, advanced technology and outstanding efficiency, we firmly uphold the principle of "Technology Leads Development", solidify and optimise the system and framework for water technology R&D and further improve our in-house R&D capability.



In 2017, we achieved a series of key technological breakthroughs and accomplishments in areas including biological deodorisation system, low-temperature sludge drying, biological aerated filter, high-efficiency sedimentation tank, ozone catalytic oxidation, non-point source pollution purification treatment, and rainwater treatment system. Some of these technologies have been successfully applied to the Company's projects, greatly enhancing the technological proficiency of construction projects and the efficiency of operating projects. Moreover, the Company was granted 21 patents in 2017 with some patent applications in the review stage. The Company also received support from the government. In 2017, the Company received approvals for grants of approximately RMB49.7 million in total from various levels of the government of the People's Republic of China ("PRC").

科技引领发展

为了继续打造高质量、高标准、高技术、高效益的水务项目，我们坚守「科技引领发展」的信念，巩固及优化水环境技术研发体系架构，进一步完善自主研发能力。



于二零一七年，我们实现一系列关键性技术突破和掌握，包括：生物除臭系统、污泥低温干化、曝气生物滤池、高效沉淀池、臭氧催化氧化、面源污染净化处理、雨水处理系统等；其中部分技术已经成功应用于旗下项目，大幅提升工程项目的技术水平和运营项目的效率。此外，本公司于二零一七年共获得21项专利授权，另有若干专利申请处于审核阶段。本公司亦得到政府的支持，于二零一七年共获批国家各级政府各项资金补助合共约人民币4,970万元。

Direct Economic Value Generated and Distributed to the Concerned Stakeholders in 2017

二零一七年所产生及分配予相应持份者的直接经济价值

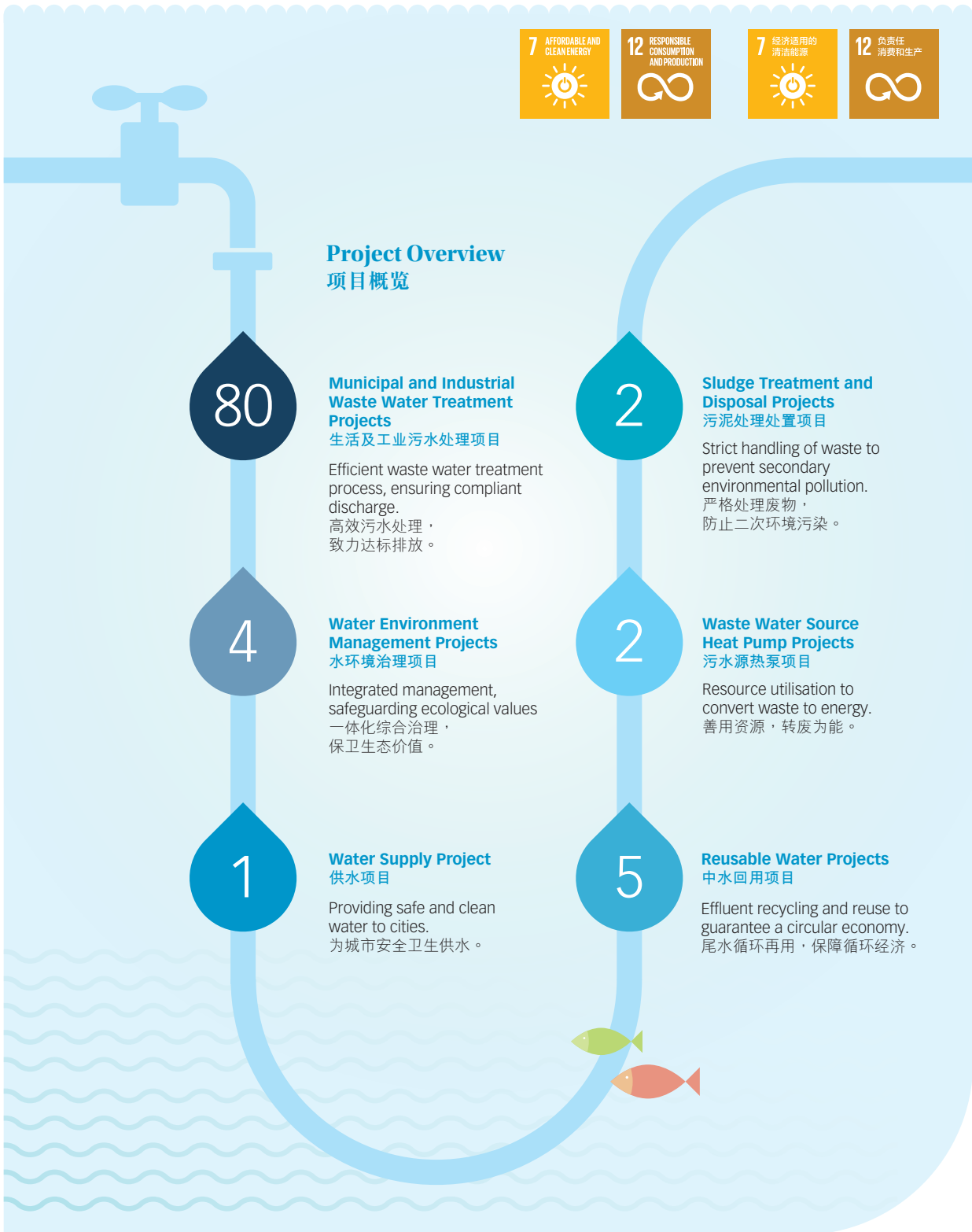
	Economic value 经济价值	Beneficiary 获益持份者	Amount (HK\$'000) 金额(港币千元)
Direct economic value generated 产生的直接经济价值	Revenue 收入	Investors, clients 投资者、客户	3,591,633
	Other income 其他收入		129,809
	Share of profit of an associate 所占联营公司盈利		158
Economic value distributed 分配的经济价值	Staff costs 员工开支	Employees 员工	235,902
	Other costs ⁽¹⁾ 其他成本 ⁽¹⁾	Business partners, suppliers 商业伙伴、供应商	2,316,973
	Net finance costs 财务费用净额	Lenders 借款人	228,928
	Dividends 股息	Investors 投资者	77,003
	Taxes ⁽²⁾ 税项 ⁽²⁾	Government 政府	114,432
	Profit attributable to non-controlling interest 非控股权益应占盈利	Business partners 商业伙伴	67,437
	Charitable donations ⁽³⁾ 慈善捐款 ⁽³⁾	Local communities 当地社区	113
Economic value retained 留存的经济价值	Retained for Everbright Water's sustainable operation and development 留存作光大水务的可持续运营和发展	Investors, clients, employees 投资者、客户、员工	680,812

Notes:

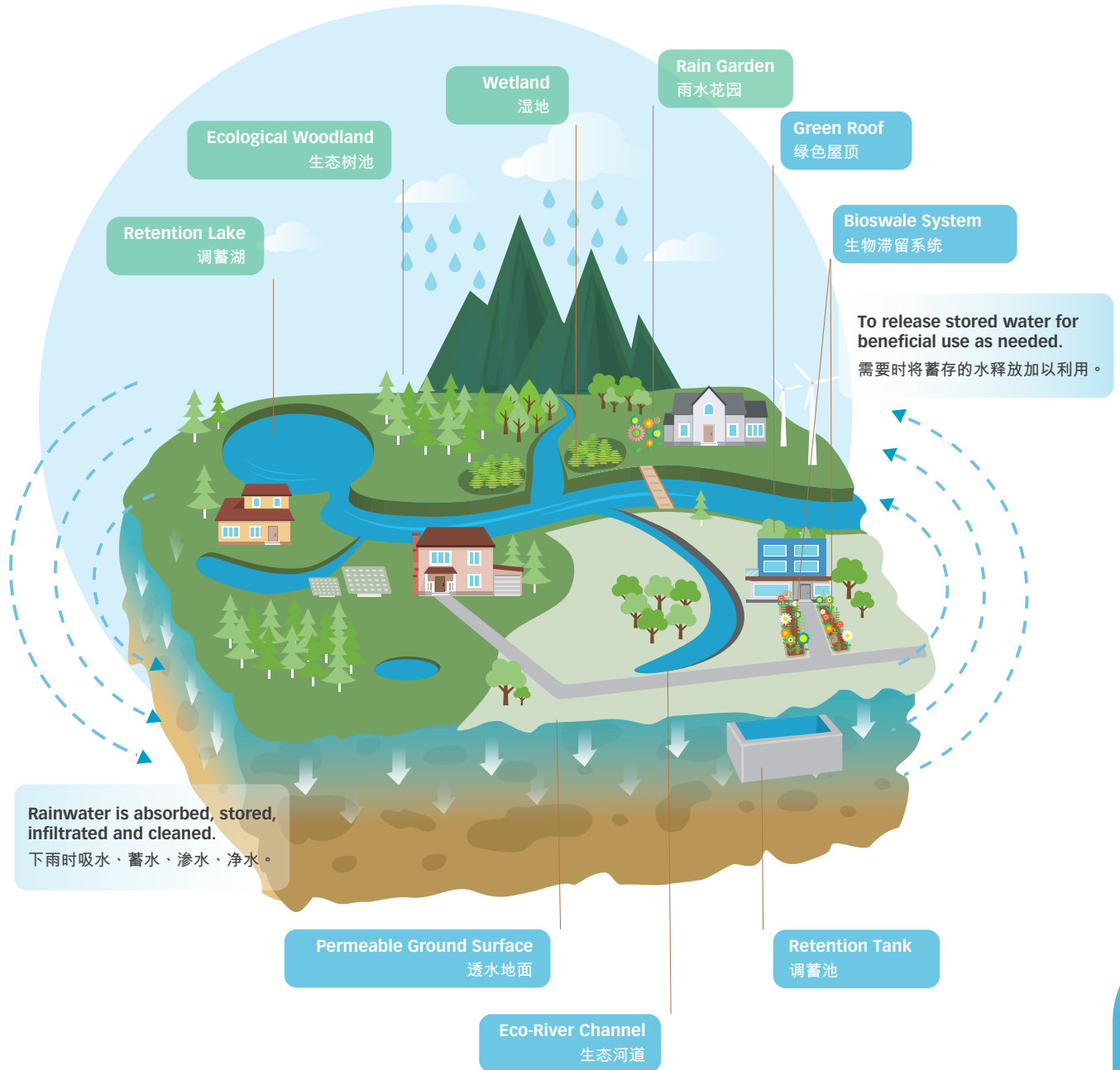
- (1) Represents other costs but excludes depreciation and amortisation for the year
- (2) Represents current income tax but excludes deferred tax for the year
- (3) Cash donation in 2017 amounted to approximately HK\$113,000

附注:

- (1) 代表年度的其他成本,但不包括年度的折旧及摊销
- (2) 代表本期所得税,但不包括年度的递延税项
- (3) 其中二零一七年现金捐献约为港币113,000元



The Concept of Sponge City 海绵城市概念图



Sponge city presents an advanced rainwater management model. This concept advocates the enhancement of urban planning and construction management and the development of various systems, such as ecological woodland, rain garden, retention tank, eco-river channel, in boosting the city's ability in absorption, infiltration, retention and release of rainwater. These systems effectively control surface runoff and relieve the pressure on urban river channels in flood prevention and drainage. This results in an integration of landscape improvement, ecological purification and stormwater management, and thus stimulates the vibrancy of a city.

海绵城市是先进的雨水管理模式。此概念主张透过加强城市规划建设管理和生态树池、雨水花园、调蓄池、生态河道等系统建设，充分提升城市对雨水的吸纳、蓄渗和缓释作用，有效控制表面径流，减轻市区河段防洪排涝压力，最终实现景观提升、生态净化和雨洪管理三大功能结合，激发城市活力。

The Concept of River-basin Ecological Restoration Project 流域治理项目概念图



Project Introduction – Zhenjiang Sponge City Construction PPP (Public-Private Partnership) Project
 项目介绍 – 镇江海绵城市建设PPP（政府和社会资本合作）项目



Zhenjiang Sponge City Construction PPP Project is one of the 16 sponge city pilot projects that receive financial support from the central government of the PRC. The project involves low impact development (LID), construction and operation of rainwater storage tanks, rainwater pump stations, rainwater drainage networks and waste water treatment facilities, and ecological restoration works, etc. These works are managed under a smart sponge city system, contributing collectively towards Zhenjiang City's rainwater control and reuse, flooding prevention, and non-point source pollution control.



镇江海绵城市建设PPP项目是中央财政予以支持的首批16个海绵城市建设试点项目之一。项目工程内容涵盖了低影响开发改造、建设和运营调蓄池、雨水泵站、雨水管网和污水处理设施，以及生态治理工程等。这些工程通过智慧海绵系统进行总体调度，共同为镇江市雨水控制和利用、内涝防治、面源污染削减作出贡献。

Project Introduction – Nanjing Municipal Water PPP Project
 项目介绍 – 南京涉水市政工程PPP项目



Nanjing Municipal Water PPP Project is the first river-basin ecological restoration project secured by Everbright Water, involving a series of river restoration construction, operation and maintenance works. The project diverts rainwater and waste water from the surrounding areas of Chengnan River-basin into separate pipelines in the water pipeline network, reduces the amount of effluent discharged into the river, and gradually restores the self-cleaning ability of the water body. Under our management, Chengnan River got rid of pollutants and odour, cleaned the water body, improved the water quality up to standard, and restored the ecosystem of the river. This project clearly demonstrates the green concept of eco-development.



南京涉水市政工程PPP项目是光大水务首个河道治理项目，项目涉及一系列河道治理工程及后续运营维护。该项目将城南河流域周边进行雨污分流，纳入管网收输系统，减少了直排河道的污染物总量，并逐步恢复了水体的自净能力。城南河在我们的治理下，已经消除黑臭现象、水体变清、水质达标，并恢复了健康的生态环境。本项目充分展现了生态发展的绿色理念。



New Projects Secured in 2017

二零一七年新增项目

Projects	项目
1 Suizhou High-tech Industrial Park Piaoshui and Fuhe River-basin Integrated Water Environment Restoration PPP Project	随州高新技术产业园区漂水及府河流域水环境综合整治PPP项目
2 Nanning Shuitang River Integrated Restoration PPP Project	南宁水塘江综合整治工程PPP项目
3 Jiangyin Chengxi Waste Water Treatment Project Phase III	江阴澄西污水处理项目三期
4 Xinyi City Waste Water Treatment Project Phase III	新沂城市污水处理项目三期
5 Lvshun Bailanzi Waste Water Treatment Project Upgrading	旅顺柏岚子污水处理项目提标改造
6 Dalian Chunliuhe Waste Water Treatment Project Phase II Upgrading	大连春柳河污水处理项目二期提标改造
7 Dalian Quanshui Waste Water Treatment Project Upgrading	大连泉水污水处理项目提标改造
8 Zibo Zhoucun Waste Water Treatment Project Phase I Upgrading	淄博周村污水处理项目一期提标改造
9 Binzhou Development Zone Waste Water Treatment Project Phase I Upgrading	滨州开发区污水处理项目一期提标改造
10 Ji'nan Huashan Waste Water Treatment Project	济南华山水质净化项目
11 Ju County Chengbei Waste Water Treatment Project Upgrading	莒县城北污水处理项目提标改造
12 Dezhou Lingcheng Waste Water Pipeline Network PPP Project	德州陵城污水管网PPP项目
13 Zibo Sludge Treatment and Disposal Project	淄博污泥处理处置项目
14 Ji'nan Zhangqiu Urban-Rural Integration Water Supply Project	济南章丘区城乡供水一体化项目



Projects in Operation (Municipal Waste Water Treatment)

投运项目（生活污水处理）：

Projects		项目	Daily Waste Water Treatment Capacity 日污水处理规模 (ten-thousand m ³) (万立方米)
1	Qingdao Waste Water Treatment Project (Maidao Plant)	青岛污水处理项目（麦岛厂）	22
2	Qingdao Waste Water Treatment Project (Haibohe Plant)	青岛污水处理项目（海泊河厂）	
3	Zibo Waste Water Treatment Project (Southern & Northern Plants)	淄博污水处理项目（南郊厂及北厂）	25
4	Zibo Waste Water Treatment Project (Upgrading)	淄博污水处理项目（升级改造项目）	
5	Ji'nan Waste Water Treatment Project (Plant 1 & 2)	济南污水处理项目（一厂及二厂）	42
6	Ji'nan Waste Water Treatment Project (Plant 1 & 2 Expansion and Upgrading)	济南污水处理项目（一厂及二厂扩建升级项目）	8
7	Zibo High-tech Zone Waste Water Treatment Project	淄博韩庙高新区污水处理项目	10
8	Jiangyin Waste Water Treatment Project	江阴污水处理项目	19
9	Jiangyin Waste Water Treatment Project (Upgrading)	江阴污水处理项目（升级改造）	
10	Zibo Zhoucun Waste Water Treatment Project Phase I	淄博周村污水处理项目一期	4
11	Binzhou Boxing Waste Water Treatment Project (Phase I)	滨州博兴污水处理项目（一期）	3
12	Binzhou Boxing Waste Water Treatment Project (Upgrading and Phase II Upgrading and Expansion)	滨州博兴污水处理项目（提标改造及二期升级、扩建）	3
13	Binzhou Boxing Waste Water Treatment Project (Upgrading and Expansion)	滨州博兴污水处理项目（提标改造及扩建）	2
14	Ji'nan Licheng Waste Water Treatment Project (Plant 3) Phase I	济南历城污水处理项目（三厂）一期	10
15	Ji'nan Licheng Waste Water Treatment Project (Plant 3) Phase II	济南历城污水处理项目（三厂）二期	10
16	Ji'nan Xike Waste Water Treatment Project (Plant 4)	济南西客污水处理项目（四厂）	3
17	Ling County Waste Water Treatment Project (Plant 2)	陵县污水处理项目（二厂）	3
18	Ling County Waste Water Treatment Project (Plant 1)	陵县污水处理项目（一厂）	3
19	Ling County Waste Water Treatment Project (Plant 1) Upgrading	陵县污水处理项目（一厂）提标改造	
20	Dezhou Nanyunhe Waste Water Treatment Project Phase I	德州南运河污水处理项目一期	7.5
21	Zhangqiu Waste Water Treatment Project (Plant 3)	章丘污水处理项目（第三厂）	3
22	Binzhou Development Zone Waste Water Treatment Project Phase I	滨州开发区污水处理项目一期	4
23	Kunshan Development Zone Waste Water Treatment Project Phase I	昆山开发区污水处理项目一期	2.5
24	Kunshan Development Zone Waste Water Treatment Project Phase II	昆山开发区污水处理项目二期	2.5
25	Lianyungang Dapu Waste Water Treatment Project	连云港大浦污水处理项目	10

	Projects	项目	Daily Waste Water Treatment Capacity 日污水处理规模 (ten-thousand m ³) (万立方米)
26	Lianyungang Xugou Waste Water Treatment Project Phase I	连云港墟沟污水处理项目一期	4
27	Nanjing Pukou Waste Water Treatment Project Phase I	南京浦口污水处理项目一期	4
28	Nanjing Liuhe Waste Water Treatment Project Phase I	南京六合污水处理项目一期	2
29	Nanjing Liuhe Waste Water Treatment Project Phase II	南京六合污水处理项目二期	2
30	Suzhou Wuzhong Chengnan Waste Water Treatment Project Phase I	苏州吴中城南污水处理项目一期	7.5
31	Yangzhou Jiangdu Development Zone Waste Water Treatment Project Phase I	扬州江都开发区污水处理项目一期	1.25
32	Yangzhou Jiangdu Development Zone Waste Water Treatment Project Phase II and Upgrading	扬州江都开发区污水处理项目二期及提标改造	1.25
33	Sanmenxia Waste Water Treatment Project Phase I	三门峡污水处理项目一期	3
34	Daxing Tiantanghe Waste Water Treatment Project Phase I	大兴区天堂河污水处理项目一期	4
35	Xianyang Waste Water Treatment Project Phase I	咸阳东郊污水处理项目一期	10
36	Xianyang Waste Water Treatment Project Phase II	咸阳东郊污水处理项目二期	10
37	Ju County Chengbei Waste Water Treatment Project	莒县城北污水处理项目	4
38	Nanjing Pukou Waste Water Treatment Project Phase II and Upgrading	南京浦口污水处理项目二期及提标改造	4
39	Dalian Quanshui Waste Water Treatment Project	大连市泉水污水处理项目	3.5
40	Dalian Malanhe Waste Water Treatment Project Phase II	大连市马栏河污水处理项目二期	8
41	Dalian Chunliuhe Waste Water Treatment Project Phase II	大连市春柳河污水处理项目二期	12
42	Dalian Siergou Waste Water Treatment Project	大连寺儿沟污水处理项目	10
43	Lvshun Bailanzi Waste Water Treatment Project Phase I	旅顺柏岚子污水处理项目一期	3
44	Lvshun Bailanzi Waste Water Treatment Project Phase II	旅顺柏岚子污水处理项目二期	N/A
45	Lvshun Sanjianpu Waste Water Treatment Project	旅顺三涧堡污水处理项目	1
46	Pulandian Waste Water Treatment Project Phase I	普兰店市污水处理项目一期	2
47	Zhuanghe Waste Water Treatment Project Phase I	庄河市污水处理项目一期	3
48	Panjin 1st Waste Water Treatment Project	盘锦市第一污水处理项目	10
49	Panjin 1st Waste Water Treatment Project Upgrading	盘锦市第一污水处理项目提标改造	N/A
50	Anshan West 2nd Waste Water Treatment Project	鞍山市西部第二污水处理项目	10

Projects		项目	Daily Waste Water Treatment Capacity 日污水处理规模 (ten-thousand m ³) (万立方米)
51	Shenyang Hunnan New District Waste Water Treatment Project	沈阳浑南新区污水处理项目	4
52	Dandong Waste Water Treatment Project	丹东市污水处理项目	10
53	Inner Mongolia Tongliao Development Zone Waste Water Treatment Project	内蒙古通辽开发区污水处理项目	5
54	Zhangqiu Waste Water Treatment Project (Plant 1)	章丘污水处理厂项目(第一厂)	5
55	Zhangqiu Waste Water Treatment Project (Plant 2)	章丘污水处理厂项目(第二厂)	4
56	Ji'nan Waste Water Treatment Project (Plant 1) Expansion	济南污水处理项目(一厂)扩建	5
57	Ji'nan Xike Waste Water Treatment Project (Plant 4) Phase II	济南西客污水处理项目(四厂)二期	7
58	Xinyi City Waste Water Treatment Project	新沂城市污水处理项目	7
59	Suzhou Wuzhong Chengnan Waste Water Treatment Project Phase II and Upgrading	苏州吴中城南污水处理项目二期及提标改造	7.5
60	Pulandian Waste Water Treatment Project Phase I Expansion	普兰店市污水处理项目一期扩建	2
61	Xinyi City Waste Water Treatment Project Upgrading	新沂城市污水处理项目提标改造	N/A
62	Daxing Tiantanghe Waste Water Treatment Project Phase II and Upgrading	大兴区天堂河污水处理项目二期及提标改造	4
63	Sanmenxia Waste Water Treatment Project Phase I Upgrading	三门峡污水处理项目一期提标改造	N/A
64	Zibo Zhoucun Waste Water Treatment Project Phase I Upgrading	淄博周村污水处理项目一期提标改造	N/A
65	Ju County Shudong Waste Water Treatment Project	莒县沐东污水处理项目	2



Projects in Operation (Industrial Waste Water Treatment)

投运项目（工业污水处理）：

Projects	项目	Daily Waste Water Treatment Capacity 日污水处理规模 (ten-thousand m ³) (万立方米)
1 Xinyi Economic Development Zone Waste Water Treatment Project Phase I	新沂经济开发区污水处理项目一期	1
2 Nanjing Pukou Industrial Waste Water Treatment Project Phase I	南京浦口区工业污水处理项目一期	1
3 Xinyi Economic Development Zone Waste Water Treatment Project Phase II	新沂经济开发区污水处理项目二期	1

Projects Completed Construction (Municipal Waste Water Treatment)

工程完工项目（生活污水处理）：

Projects	项目	Daily Waste Water Treatment Capacity 日污水处理规模 (ten-thousand m ³) (万立方米)
1 Dalian Liangjiadian Waste Water Treatment Project Phase I	大连亮甲店污水处理项目一期	2
2 Dalian Quanshui Waste Water Treatment Project Upgrading	大连泉水污水处理项目提标改造	N/A
3 Dalian Chunliuhe Waste Water Treatment Project Phase II Upgrading	大连春柳河污水处理项目二期提标改造	N/A
4 Lvshun Bailanzi Waste Water Treatment Project Upgrading	旅顺柏岚子污水处理项目提标改造	N/A
5 Binzhou Development Zone Waste Water Treatment Project Phase I Upgrading	滨州开发区污水处理项目一期提标改造	N/A

Projects under Construction (Municipal Waste Water Treatment)

在建项目（生活污水处理）：

Projects	项目	Daily Waste Water Treatment Capacity 日污水处理规模 (ten-thousand m ³) (万立方米)
1 Qingdao Waste Water Treatment Project (Maidao Plant) Upgrading	青岛污水处理项目（麦岛厂）提标改造	N/A
2 Jiangyin Chengxi Waste Water Treatment Project Phase III	江阴澄西污水处理项目三期	3.0
3 Ji'nan Huashan Waste Water Treatment Project	济南华山水质净化项目	3.0
4 Ju County Chengbei Waste Water Treatment Project Upgrading	莒县城北污水处理项目提标改造	N/A

Projects under Construction (Water Environment Management)

在建项目（水环境治理）：

Projects	项目	Scope of Services 服务范畴
1 Zhenjiang Sponge City Construction PPP Project	镇江海绵城市建设 PPP项目	Construction and operation of rainwater pump stations, drainage networks and rainwater storage tanks, the ecological restoration and ecological restoration of certain rivers (including waste water treatment projects with a total designed waste water treatment capacity of 200,000 m ³) 雨水泵站、排涝管道、雨水调蓄池的建造和运营、河流整治工程等（包含设计日污水处理规模200,000立方米的污水处理项目）
2 Nanjing Municipal Water PPP Project	南京涉水市政工程 PPP项目	River water quality improvement, river dredging, river training, river outfall remediation, river widening, transect restoring, riverbank greening and riverside environmental management 河流水质改善、河流疏浚、河道及排污口整治、河道拓宽、断面修整、岸坡绿化、沿河环境提升等治理工程
3 Suizhou High-tech Industrial Park Piaoshui and Fuhe River-basin Integrated Water Environment Restoration PPP Project	随州高新技术产业园区漂水及府河流域水环境综合整治PPP项目	Fuhe Riverbanks Landscaping Project, Xihe County Waste Water Treatment Plant (with a designed daily waste water treatment capacity of 10,000 m ³) and Pipeline Network Project, and Piaoshui Park Phase I Construction Project 府河两岸景观绿化项目、浙河镇污水厂（设计日污水处理规模10,000立方米）及配套管网项目、漂水公园一期工程项目
4 Nanning Shuitang River Integrated Restoration PPP Project	南宁水塘江综合整治工程PPP项目	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 水塘江规划红线范围内的河道整治工程、河道截污工程、河道生态恢复工程、海绵城市建设工程、环境景观工程及信息化管理工程等。另外，项目包含一座设计日处理规模为40,000立方米的污水处理厂的建设及运营





Project under Construction (Water Supply)

在建项目（供水业务）：

Project	项目	Scope of Services 服务范畴
1 Jí'nan Zhangqiu Urban-Rural Integration Water Supply Project	济南章丘区城乡供水一体化项目	<p>A number of construction projects within the administrative areas of the Zhangqiu District, including water source expansion, upgrading and construction of booster pump stations, upgrading and construction of rural water supply facilities, construction of reservoirs and water plants, construction of pipeline networks and reusable water project.</p> <p>Conduct asset integration and modern enterprise restructuring towards a number of facilities and 5 companies within the district, including a tap-water company, 17 water plants in towns and sub-districts, and reservoirs that need water diversion and replenishment, pipeline network and pipelines. During the period of construction and operation, the project company is also granted the concession by the government to construct the relevant infrastructure (including a 370,000 m³ daily water supply capacity).</p> <p>负责章丘区行政区域内的建设项目，包括水源地扩容、加压站改造及新建、农村供水设施改造及新建、水库及水厂新建、新建管网、中水回用项目等工程；同时对章丘区自来水公司等5家公司及17处镇街水厂和水库调水补源、水库管网管线等实施资产整合及现代企业改制。项目建设运营期间，获章丘政府授权，拥有对项目建设基础设施的特许经营权（涉及37万立方米日供水规模）。</p>

Projects in Operation (Reusable Water)

投运项目（中水回用）：

Projects	项目	Water Supply Capacity 日供水量 (ten-thousand m ³) (万立方米)
1 Ji'nan Licheng Reusable Water Project	济南历城中水项目	4.2
2 Jiangyin Reusable Water Project	江阴中水项目	1
3 Zibo Reusable Water Project Phase I	淄博中水项目一期	0.48
4 Zibo Reusable Water Project Phase II	淄博中水项目二期	0.48
5 Nanjing Pukou Reusable Water Project Phase I	南京浦口中水项目一期	2

Projects in Operation (Waste Water Source Heat Pump)

投运项目（污水源热泵）：

Projects	项目	Service Area 服务范围 (ten-thousand m ²) (万平方米)
1 Zibo Waste Water Source Heat Pump Project Phase I	淄博污水源热泵项目一期	12.5
2 Zibo Ceramic Technology Development Park Heat Pump Project	淄博陶瓷园热泵项目	17

Projects in Operation (Sludge Treatment and Disposal)

投运项目（污泥处理处置）：

Projects	项目
1 Jiangyin Sludge Treatment and Disposal Project	江阴污泥处理处置项目
2 Zibo Sludge Treatment and Disposal Project	淄博污泥处理处置项目

* The lists of projects set out in this section do not include projects which were in the preparatory stage as at 31 December 2017.

* 本小节中所载之项目列表未包含截至2017年12月31日处于筹备阶段之项目。



Ensuring good corporate governance
helps maintain business integrity and

Green Operations

以优良治理为本，尽诚信经营之责，
创绿色运营之道



Corporate Governance

The Company is committed to achieving high standards of corporate governance, and firmly believes that well-established corporate governance is vital to maintain and improve its shareholders' and investors' confidence in the Company. We will continue to uphold high-quality corporate governance practices to enhance long-term value and returns for our shareholders and protect their interests.

The governance policy of the Company strictly follows the principles and guidelines of the Code of Corporate Governance 2012, which forms part of the continuing obligations under the Listing Rules of the SGX. Through relevant rules and policies, strict internal controls, comprehensive risk prevention and management and timely disclosure, the Company demonstrates its value, responsibility and transparency.

The Company has implemented the ESHS Management System and Risk Management System. The systems incorporate safety, environment, social responsibility and risk control into day-to-day operations, which safeguard the management framework of the Company and ensure that its business aligns with the core value of social responsibility and risk management. The Legal and Risk Management Department is responsible for the regular risk check, potential risk evaluation and development of risk management plan. The Internal Audit Department reviews the effectiveness of the key internal control system of the Group addressing financial, operational, compliance and information technology controls and sustainability risks. Any material non-compliance issues and improvement opinions will be reported to the Audit Committee, which will continuously monitor the effectiveness of the improvement actions implemented by the management of the Company (the "Management").

公司治理

本公司致力实现高水平的公司治理，并相信良好的公司治理对维持和提升本公司股东及投资者的信心日益重要。我们将致力于维持高水平的公司治理以提升股东的长期价值及回报，并保障本公司股东权益。

本公司的公司治理政策严格遵守二零一二年公司治理守则的原则和指引，该守则也是新交所上市规则中持续义务的组成部分。通过有关规章制度、严格的内部监控、全面的风险防范与管理、及时的信息披露，公司的价值、担当及透明度得以彰显。

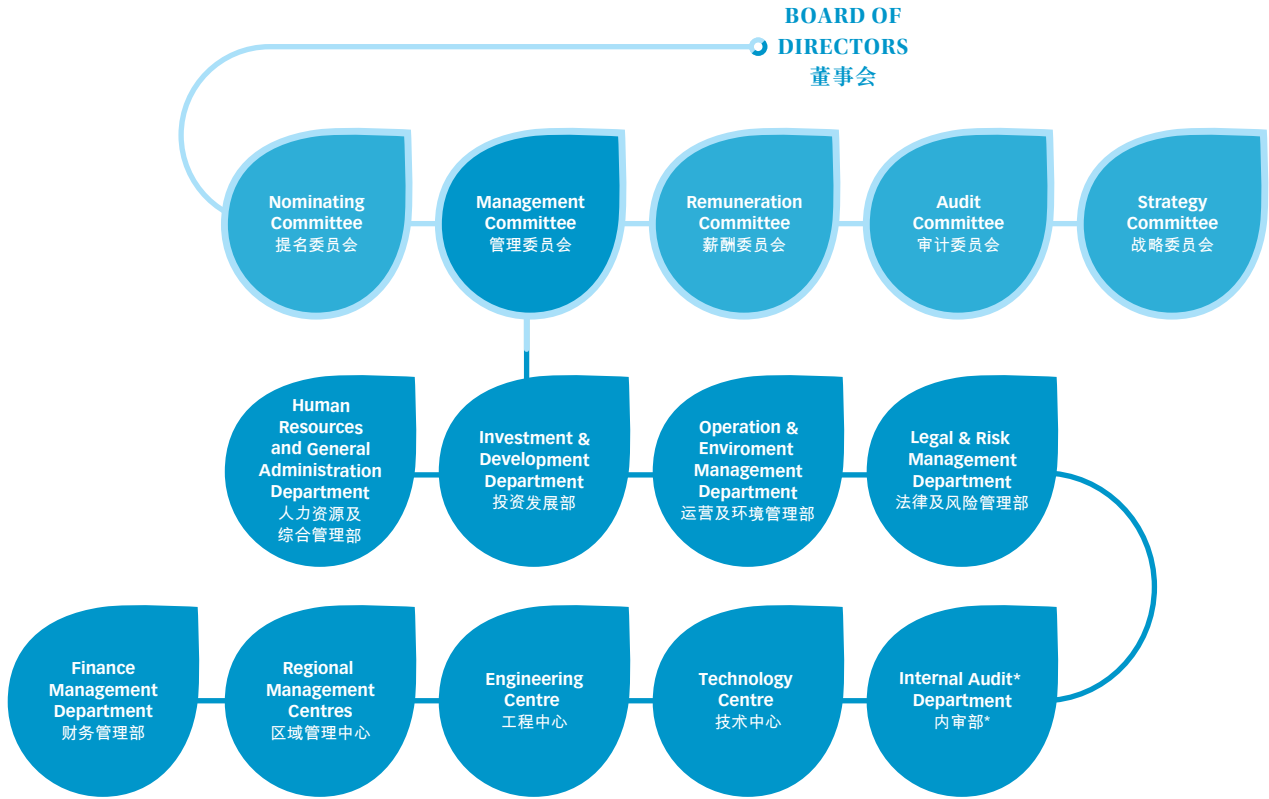
本集团实施ESHS管理体系和风险管理体系。该体系将安全、环境、社会责任及风险管控与日常经营管理有机结合，为本公司的管理架构保驾护航，确保本公司各项业务在社会责任和风险管理方面的核心价值始终如一。法律及风险管理部负责定期进行风险检查及评估潜在重大风险，并为集团制定风险管理计划。内审部审核集团关键内控环节包括财务、运营、合规、信息技术以及持续风险管理方面的有效性，任何重大的不合规事项及改进意见都会向审计委员会报告，审计委员会也会对本公司的管理层（「管理层」）采取改进行动的有效性做持续监控。

Board Statement

董事会声明

The Board of the Company has reviewed the material environmental, social and economic issues. The Board will manage and monitor these issues and take them into consideration in determining the Company's business direction and strategies, and actively undertake social responsibility and contribute corporate value to build a "Beautiful China".

本公司的董事会已审阅重大的环境、社会及经济议题。董事会将管理和监察这些议题并在制定本公司营业方针及策略时把其加入考虑范围，为践行国家建设「美丽中国」积极贡献社会责任与企业价值。



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

* 内审部在行政职能上向管理委员会汇报，其主要的业务职能直接向审计委员会汇报。

The Board

The Board's key responsibilities include providing leadership and supervision to the Management in order to protect shareholders' interests and enhance their long-term values. Major responsibilities include reviewing and approving corporate strategies, financial objectives and development directions of the Company; 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 meets regularly, at least on a quarterly basis. Whenever required, ad-hoc meetings are held to address any specific significant issues that may arise. At meetings of the Board, the directors are free to discuss and openly challenge the views presented by the Management and other directors. The directors shall demonstrate due diligence and independent judgment, and are obliged to act in good faith and consider the interest of the Company at all times.

董事会

董事会的主要职责是领导和监督管理层，以保护股东权益和提升股东的长期价值。主要职能包括审阅和批准本集团的企业战略、财务目标和发展方向；为管理层设定目标，监督目标的实现；审查内部控制、风险管理、财务业绩和报告的合规性；及承担公司治理的责任等。

董事会定期召开会议，每个季度至少召开一次。如有需要，董事会也可随时召开临时会议，讨论可能出现的具体重大问题。董事在董事会会议上可自由发言，对管理层和其他董事的意见公开发表自己的看法。董事均勤勉尽责，保持独立的判断，以本公司的利益为出发点进行客观讨论。

In line with continuous disclosure obligations of the Company, and pursuant to the SGX Listing Rules and the Bermuda Companies Act, the Board ensures that shareholders are fully informed of all major developments that impact the Group on a timely and equally basis. Information is disseminated to the shareholders on a timely basis through: (i) SGXNET announcements and press releases; (ii) annual reports prepared and issued to all shareholders; and (iii) the Company's website (www.ebwater.com) at which shareholders can access information on the Group. All materials on the quarterly, half-year and full-year results briefing for media and analysts are available on the Company's website.

To execute its responsibilities, the Board has delegated specific functions to 5 sub-committees, namely, Management Committee, Audit Committee, Nominating Committee, Remuneration Committee and Strategy Committee*. These sub-committees function within written terms of reference and operating procedures, which are reviewed on a regular basis. Each of these committees reports its activities regularly to the Board. Chairman of each committee also attends the annual general meeting and answers questions about the committee's work.

The sound governance practices of the Company rely on the following 5 committees:

Management Committee

The Management Committee currently comprises 2 executive directors and 6 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 Company. The Management Committee is the decision-making authority for the day-to-day operations, management and personnel matters.

* The Strategy Committee was formed with effect from 10 May 2018.

为履行本公司的持续披露义务并符合新交所上市规则和百慕大公司法的规定，董事会确保股东及时平等地充分获知对本集团有影响的所有重要情况。信息通过以下方式向股东进行及时发布：(1)新交所上市公司信息披露网站(SGXNET)的公告和新闻稿；(2)本公司编制年度报告并分发给所有股东；及(3)从本公司网站(www.ebwater.com)获取本集团的信息。本公司向媒体和分析师发布的所有季度、半年及全年业绩亦均刊登在公司网站上。

为更好地履行职责，董事会下设五个委员会，包括管理委员会、审计委员会、提名委员会、薪酬委员会和战略委员会*。各委员会按照书面规定的职能和程序运作，并接受定期审查；各委员会定期向董事会报告工作，各委员会主席出席年度股东大会，回答有关委员会工作的问题。

本公司的良好管治有赖于董事会辖下之五个委员会：

管理委员会

管理委员会的成员现时包括两名执行董事和六名高级管理人员。管理委员会主席由总裁担任。管理委员会负责日常业务运营管理，制定并实施本集团年度工作目标及中期发展规划等，为本集团日常业务活动的决策机构，对于日常经营、管理、人事等重大事项进行集体决策。

* 战略委员会自2018年5月10日起设立。

Audit Committee

The Audit Committee currently comprises 4 independent directors of the Company. The Audit Committee is chaired by an independent director. The Audit Committee is primarily responsible for 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, including procedures for entering into hedging transactions; 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.

The Audit Committee has explicit authority to investigate any matter within its terms of reference. It has full access to, and the cooperation of, the Management and full discretion to invite any director or any key executive to attend its meetings. The Audit Committee has adequate resources, including access to external auditors, to enable it to discharge its responsibilities properly. The Audit Committee meets with the internal auditors and external auditors separately, at least once a year, without the presence of the Management to review any matter that might be raised.

An email address and a special telephone number are established to allow whistle blowers to contact the Audit Committee Chairman directly. All concerns or irregularities raised will be treated with confidence and every effort will be made to ensure that confidentiality is maintained throughout the process.

Nominating Committee

The Nominating Committee currently comprises 2 independent directors and 1 non-executive director. The Nominating Committee is chaired by an independent director. The Nominating Committee is primarily responsible for 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.

审计委员会

审计委员会现时由四名独立董事组成。审计委员会主席由独立董事担任。审计委员会的主要职责包括审阅重大的财务报告问题和结论，以确保本集团的财务报表以及与本集团财务业绩有关的任何公告都健全完整；审阅并向董事会报告本公司在财务、运营、合规和信息技术控制等方面的内部控制的充分性和有效性；审阅本公司内部审计职能的有效性；审阅外部审计的范围和结果，以及外部审计的独立性和客观性；以及向董事会推荐提交股东大会审议的关于外部审计师的聘任、续聘和罢免的议案；批准外部审计师的薪酬和聘任条款。

审计委员会具有明确的授权来调查其职责范围内的任何事项，能全面接触管理层并得到管理层的配合，可自行决定邀请任何董事或主要管理人员出席委员会的会议。审计委员会拥有足够的资源（包括聘请外部审计师）使之适当地履行职责。审计委员会每年至少一次分别与内部审计师和外部审计师单独会面（在管理层不在场的情况下），审查可能会提出的问题。

本公司设立了接收举报的电子邮箱和专线电话，举报人可以此直接联系审计委员会主席。所提出的所有关注事项或违规行为都将被视为是保密信息，本公司将尽一切努力确保整个举报过程的保密性。

提名委员会

提名委员会现时由两名独立董事和一名非执行董事组成。提名委员会主席由独立董事担任。提名委员会的主要职责包括施行正式、具透明度及客观的程序委任董事会成员、评估各董事会成员和董事会专门委员会的表现及评估董事会的综合表现。

Remuneration Committee

The Remuneration Committee currently comprises 3 independent directors and 1 non-executive director. The Remuneration Committee is chaired by an independent 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 the long-term interest and risk policies of the Company and should be appropriate to attract, retain and motivate (1) the directors to provide good stewardship of the Company; and (2) key executives to successfully manage the Company.

薪酬委员会

薪酬委员会现时由三名独立董事和一名非执行董事组成。薪酬委员会主席由独立董事担任。薪酬委员会的主要职责包括透过正式、公开及客观的程序和框架，厘定每名董事和主要管理人员的薪酬待遇以及确保薪酬水平与本公司的长期利益及风险政策一致，并能够恰当地吸引、挽留及激励：(1)董事为本公司提供良好的管理服务；(2)主要管理人员成功管理本公司。

Indicators	指标	2017 二零一七年
Total remuneration of the highest-paid individual (HK\$)	最高薪人士的薪酬总额 (港币元)	4,502,400
The median of the total remuneration of all employees (excluding the highest-paid individual) (HK\$)	员工 (不包括最高薪人士) 薪酬总额的中位数 (港币元)	74,244
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)	最高薪人士的年度薪酬总额与全体员工 (不包括最高薪人士) 薪酬总额的中位数的比例	60.64
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)	最高薪人士年度薪酬总额的百分比增长与全体员工 (不包括最高薪人士) 薪酬总额中位数的年度百分比增长的比例	1.24

Details regarding remuneration determination and the remuneration of each individual director are set out in the "Corporate Governance Report" contained in the Company's Annual Report 2017.

有关薪酬厘定的详情及各董事的薪酬资料，可参阅本公司《二零一七年度报告》中的「公司治理报告」章节。

Strategy Committee

The Strategy Committee currently comprises 1 non-executive director, 2 executive directors and 1 independent director. The Strategy Committee is chaired by the Chairman of the Board. The Strategy Committee is primarily responsible for assisting the Board in providing strategic direction to the Company and overseeing the strategic planning of the Company and 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 Company.

战略委员会

战略委员会现时由一名非执行董事、两名执行董事和一名独立董事组成。战略委员会的主席由董事长担任。战略委员会的主要职责包括协助董事会制定本公司的战略方向，监督本公司的战略发展计划和落实；审阅管理层提议的中期和长期战略目标，监督管理层与该战略相关的表现；在制定战略时考虑可持续发展议题，监督对本公司业务有重大影响的环境、社会和管治因素的实行和管理。

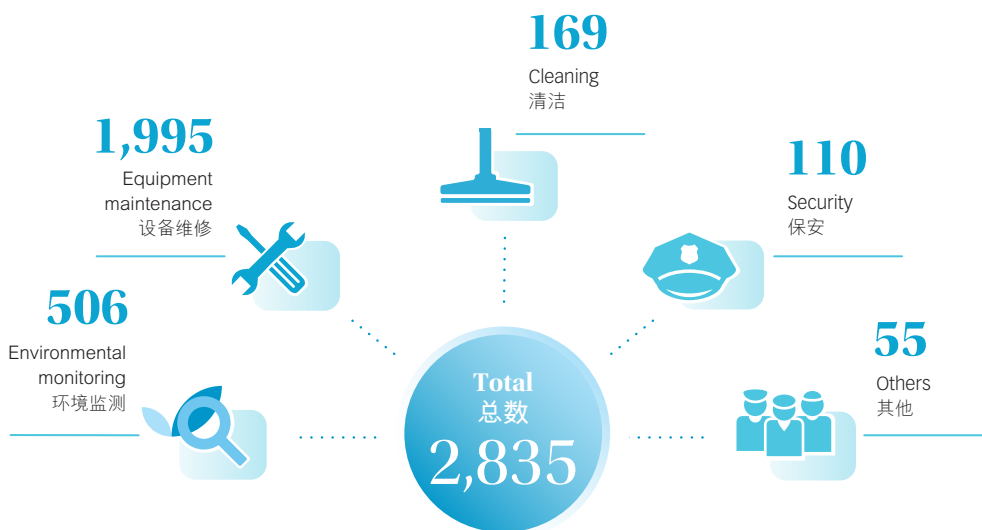
Other than the assistance from various departments, in order to enhance the ability of directors in leading the sustainability works, the Company regularly invites external consultants to provide trainings and updated information on several hot issues (such as the latest regulations, economy, environmental protection, social issues and risk management). The Board also reviews the issues on the Company's sustainable development regularly and examines the Report in meeting.

For other information related to the corporate governance and the Board, including the detailed information of Board members, performance assessment system, election, remuneration, etc., please refer to Everbright Water's Annual Report 2017 or its website at www.ebwater.com.

Our Supply Chain

As at 31 December 2017, the Company had 1,072 suppliers which all located in mainland China. Their main services included equipment configuration, installation and construction. Since the Company's business spreads across China, we prefer to engage the suppliers within the same province in order to support and enhance local economic development. Furthermore, the Company has more than 2,800 outsourced service workers, who provide services in environmental monitoring, facility maintenance, cleaning, security, etc.

Outsourced Service Workers in 2017



除了得到各职能部门之辅助外，为持续提升董事们在领导可持续发展工作方面的能力，本公司定期邀请外部顾问为董事提供若干热门课题（如最新法规、经济、环保、社会事务及风险管理等）的培训及最新资讯。董事会更会定期检视本公司的可持续发展议题，并于会议上审批本报告。

有关我们的公司治理和董事会的其他资料，包括董事会的详细成员资料、绩效评估机制、选举、报酬等，请参阅光大水务《二零一七年度报告》，亦可透过www.ebwater.com在线浏览。

我们的供应链

截至二零一七年十二月三十一日，本公司共有1,072个供应商，均位于中国大陆，主要服务包括设备配置、安装及工程建设。由于本公司的业务遍布全国各地，我们优先选用位于同省份的供应商以扶持和促进当地经济发展。另外，本公司共有超过2,800名外判服务工人，服务包括环境监测、设备维修、清洁和保安等。

二零一七外判服务工人统计

By establishing a transparent and fair procedure to select and manage suppliers, Everbright Water strives to cooperate with the business partners in establishing a positive corporate image and minimising the sustainability risk in the supply chain. We have implemented rules and measures to safeguard the supplier management, including “Tender Management Measures”, “Management Measures for Appraisal Expert Database of Project Construction Procurement”, “Contractor ESHS Management Standard” and “Code of Conduct for Suppliers”. Apart from that, we have adopted the “Supplier Management Measures”, according to which the existing partners are assessed on their sustainability based on their professional proficiency, financial status and compliance records, and then categorised into four grades from A to D. Such categorisation will be taken into account as an important factor in selecting the suppliers.

The “Contractor ESHS Management Standard” was implemented by the Company in 2016, which aims at managing the qualifications, construction operations and post-assessments of contractors to reduce and control the risk derived from the contracted work process. Independent contractors are required to follow the health and safety regulations in corresponding country and region, and provide appropriate protection equipment and safety training to the employees. Regarding the quality of contractors, the Company requires the contractors to fill in the “Contractors ESHS Questionnaire”, to obtain relevant ESHS information for evaluation in preparing the suitable contractor list. We strictly manage the operation of contractors. Therefore, contractors are required to undergo ESHS training and assessment, prepare the ESHS work plan before commencing the construction work and provide safety training on the facilities to the operation staff.

Our “Code of Conduct for Suppliers” encourages suppliers to fulfil and enhance the sustainable development performance of the supply chain. The Conduct not only offers clarity and transparency, but also reflects Everbright Water’s utmost concern on suppliers’ behaviour. It covers a wide range of aspects, to embrace the fairness and sustainable business model, actively minimise the negative environmental impacts during operation and improve the social welfare.

透过对供应商的选择和管理订立透明和公正的守则，光大水务致力与业务伙伴携手建立正面的企业形象，务求将供应链中的可持续发展风险减至最低。本公司所落实的《招标管理办法》、《工程建设采购评审专家库管理办法》、《承包商ESHS管理标准》和《供应商行为准则》均为光大水务的供货商管理做好把关。除此以外，我们采用《供应商管理办法》，按照专业水平、财务状况及合规记录等方面对现有合作单位进行可持续评估，将供应商划分成A到D四个等级，并以此作为选择供应商时的重要考虑因素。

本公司在二零一六年实施了《承包商ESHS管理标准》，致力对承包商的资质、施工作业、后期评估等方面进行管理，从而降低和控制工作外包过程中产生的风险。其中要求独立承包商遵守国家和地方健康及安全法律法规，以及向雇员提供适当的保护装备及安全培训。在承包商的资质预审上，本公司要求承包商填写「承包商ESHS问卷调查表」，并提供相关ESHS数据用作评审以制作合格的承包商名单。我们亦严谨管理承包商进场时的运作，故此要求承包商进行ESHS培训及考核，并在施工作业前编写ESHS作业计划书，以及对施工人员进行设施设备的安全使用培训。

我们建立的《供应商行为准则》旨在鼓励供应商履行并共同提高供应链的可持续发展绩效，具高清晰度和透明度之余，更体现了光大水务对供应商行为的高度关注。准则内容所涵盖的方向全面，不但重视公平和可持续的业务模式，更积极推动减少运营对环境的负面影响及改善社会福利。

Always valuing stakeholders' Ideas, Views and Suggestions

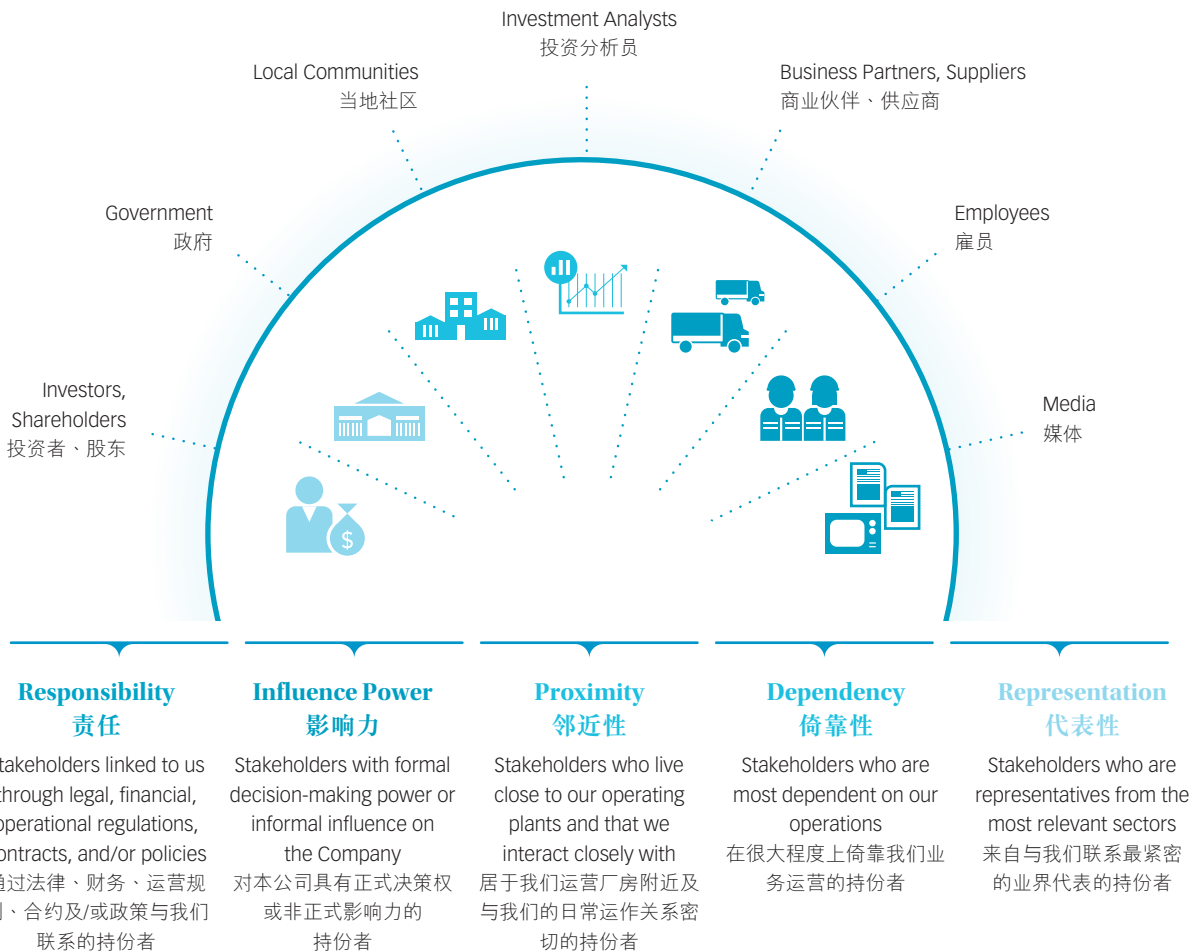
倾耳聆听持份者的想法、意见和建议





We believe that the voices from stakeholders bring meaningful insights to the Company's business development, and help us to formulate consistent and long-term development strategies. From the planning stage to the operation stage of our projects, we regularly invite stakeholders to express their opinions on our operations and environmental performance. Their opinions help us identify the concerned topics and issues regarding the sustainability of all operating projects. Those stakeholders include investors, shareholders, employees, government, local communities, business partners, suppliers, investment analysts, media, etc. We actively communicate with stakeholders on a continuing basis through cooperative, transparent and responsive channels to ensure sufficient stakeholder participation.

我们相信持份者的声音为公司的业务发展带来真知灼见，帮助我们制定持续和长期的发展策略。因此，我们在项目的各个周期，从规划阶段乃至运营阶段都会定期邀请持份者发表对我们运营和环保表现的意见，以识别所有运营项目中的优先议题及备受关注的相关可持续性事项，这些持份者包括投资者、股东、雇员、政府、当地社区、商业伙伴、供货商、投资分析员及媒体等。我们积极通过具协作性、透明度和反应度的渠道与持份者持续进行沟通，以确保持份者的充分参与。



Voices from Stakeholders

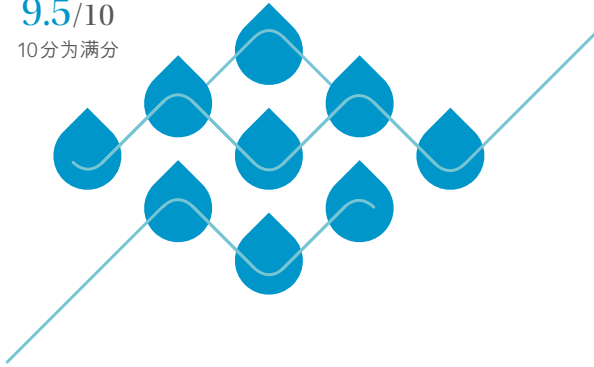
In order to understand concerns from each stakeholder group, we have invited an independent consultant to conduct stakeholder participation surveys so that stakeholder groups from 7 different sectors could express their opinions regarding sustainable development. The major results of the questionnaires are summarised below:

持份者心声

为了解每个持份者组别的关注，我们邀请了独立顾问进行持份者问卷调查，让来自七个不同界别的持份者就我们可持续发展方面的表现表达意见。调查的主要结果总结如下：

Stakeholders' rating for the sustainable development performance of Everbright Water in 2017:
持份者对光大水务二零一七年可持续发展表现的评分：

9.5/10
10分为满分



Is the engagement of Everbright Water with its stakeholders adequate?
(Effective responses)
光大水务与持份者的联系是否足够？
(有效回答)





Everbright Water is an outstanding environmental protection enterprise that I have known. It has outstanding performance in sustainable development. Everbright Water's up-to-standard effluent discharge has improved the effectiveness in resources usage and economic performance, and is effective in protecting ecosystem and controlling pollution.

光大水务是我认识的企业中很优秀的环保企业，在可持续发展方面有很好的表现。光大水务的稳定达标排放提高了资源利用效率和经济效益，为保护生态环境和控制环境污染提供了有效解决方法。





Local Community
当地社区

Everbright Water is professional in running its business. It is well managed and has stable operations in achieving effluent discharge compliance, which provides strong support to the upstream businesses. The Company also focuses on environmental protection and employee trainings. The Company's project information is disclosed on a transparent and detailed basis.

光大水务业务专业，企业管理良好，能够稳定达标处理污水，对上游企业提供了有力保障。公司更加注重环境保护以及员工培训；公司各项项目的信息披露透明详细。



Everbright Water has grasped the opportunities created by policies and the industry. Its excellent management team and leading technology have placed the Company in a dominate position in waste water treatment industry in China. Given the current emphasis on water environment management in China and the leading position of Everbright Water in the water industry, Everbright Water has a good prospect in sustainable development.

光大水务在政策和行业的把控到位，管理团队优良，技术实力领先，在中国污水处理行业已占据主导地位。鉴于中国当前对水环境治理的重视程度以及光大水务在水务行业的领先地位，光大水务具有良好的可持续发展前景。




Supplier
供应商

Through cooperations with Everbright Water in these few years, we can sense Everbright Water's continuous enhancement and improvement. Both its operation principles and management methods are in a leading position of the waste water treatment industry.

通过近几年跟光大水务合作，我们感到光大水务不断提升和进步，无论是经营理念还是管理模式在污水治理行业均处于先进地位。

Stakeholder Groups 持份者组别	Channels of Engagement or Communication 参与或沟通途径	Frequency or Time of Engagement 频率或时间	Issues of Highest Concern 持份者最关注的事项
Investors/ shareholders 投资者/股东	Annual/special general meeting 周年/特别股东大会 Press release/announcement 新闻稿/公告 Results presentation 业绩公布 Annual report 年度报告 Non-deal roadshow 非交易性路演 Circular/meeting 通函/会议	Annual/ad-hoc 每年/不定期 Release on the Company's website regularly/on an ad-hoc basis 定期/不定期于公司网站发布 Quarterly 季度 Annual 每年 Regularly/ad-hoc 定期/不定期 Ad-hoc 不定期	<ul style="list-style-type: none"> Economic performance 经济绩效 Environmental compliance 环保合规事宜 Market presence 市场表现
Employees (Domestic business) 员工(国内业务)	Work meeting/project meeting 工作会议/专题会议 Interim/year-end performance assessment meeting 年中/年末表现评估会议 Everbright publications 光大刊物 Charity 公益活动 Face-to-face meeting 当面会谈	Regularly 定期 Interim/year-end 年中/年末 Monthly (submission) 每月(投稿) Ad-hoc 不定期 Depending on the needs of employees 根据员工需要	<ul style="list-style-type: none"> Occupational health and safety 职业健康与安全 Training and education 培训及教育 Employment 雇佣
Employees (Overseas business) 员工(海外业务)	Phone meeting 电话会议 Email 电邮联系 Face-to-face meeting 当面会谈	Regularly 定期 Regularly/ad-hoc 定期/不定期 Depending on the needs of employees 根据员工需要	<ul style="list-style-type: none"> Economic performance 经济绩效 Environmental compliance 环保合规事宜 Waste water and waste management 污水及废弃物处理
Government 政府	Progress report 进度报告 Site visit 现场考察 Meeting 会议 WeChat and QQ 微信及QQ Phone or email 电话或电邮联系	Weekly/monthly/quarterly 每周/月/季度 Weekly/monthly/quarterly 每周/月/季度 Weekly/monthly/quarterly 每周/月/季度 Depending on the needs of government 根据政府需要 Weekly/monthly/quarterly 每周/月/季度	<ul style="list-style-type: none"> Economic performance 经济绩效 Environmental compliance 环保合规事宜 Environmental education 环境教育

Stakeholder Groups 持份者组别	Channels of Engagement or Communication 参与或沟通途径	Frequency or Time of Engagement 频率或时间	Issues of Highest Concern 持份者最关注的事项
Business partners/ suppliers 业务伙伴/供货商	Procurement tender meeting 采购招标会 Phone interview 电话回访 Questionnaire 调查问卷 WeChat and QQ 微信及QQ	Every tender event 每次招标活动 Monthly 每月 Depending on needs 根据需要 Depending on the needs of business partners 根据业务伙伴需要	<ul style="list-style-type: none"> Economic performance 经济绩效 Market presence 市场表现 Materials and resources usage 物资及资源使用 Procurement practices 采购实务
Local communities 当地社区	Project visit 项目参观 Survey 意见调查 Public hearing 听证会	Before construction/public open day of the first weekend every month 工程施工前/ 每月第一个周末之 公众开放日 Before construction/ ad-hoc 工程施工前/不定期 Before construction/ when in need 工程施工前/有需要时	<ul style="list-style-type: none"> Economic performance 经济绩效 Market presence 市场表现 Waste water and waste management 污水及废弃物处理
Media 媒体	Project visit 项目参观 Press release/announcement 新闻稿/公告 Management interview 管理层采访	Ad-hoc 不定期 Release on the Company's website regularly/ on an ad-hoc basis 定期/不定期于公司网站发 布 Regularly/depending on the needs of media 定期/根据媒体需要	<ul style="list-style-type: none"> Environmental compliance 环保合规事宜 Environmental education 环境教育 Materials and resources usage 物资及资源使用
Investor analysts 投资分析员	Project visit 项目参观 Meeting 会议 Press release/announcement 新闻稿/公告 Results presentation 业绩公布 Annual report 年度报告	Quarterly 季度 Quarterly 季度 Release on Company's website regularly 定期于公司网站发布 Quarterly 季度 Annual 每年	<ul style="list-style-type: none"> Economic performance 经济绩效 Environmental compliance 环保合规事宜 Waste water and waste management 污水及废弃物处理

Materiality Assessment

We conduct the comprehensive materiality assessment on an annual basis in order to identify the most significant sustainability risks and opportunities of Everbright Water. This assessment guides the prioritisation of topics identified during the stakeholder engagement process and helps us determine the economic, environmental and social issues that are of most interest or concern to the Company and its stakeholders, in order to strengthen the clarity of our resource allocation, report and communication.

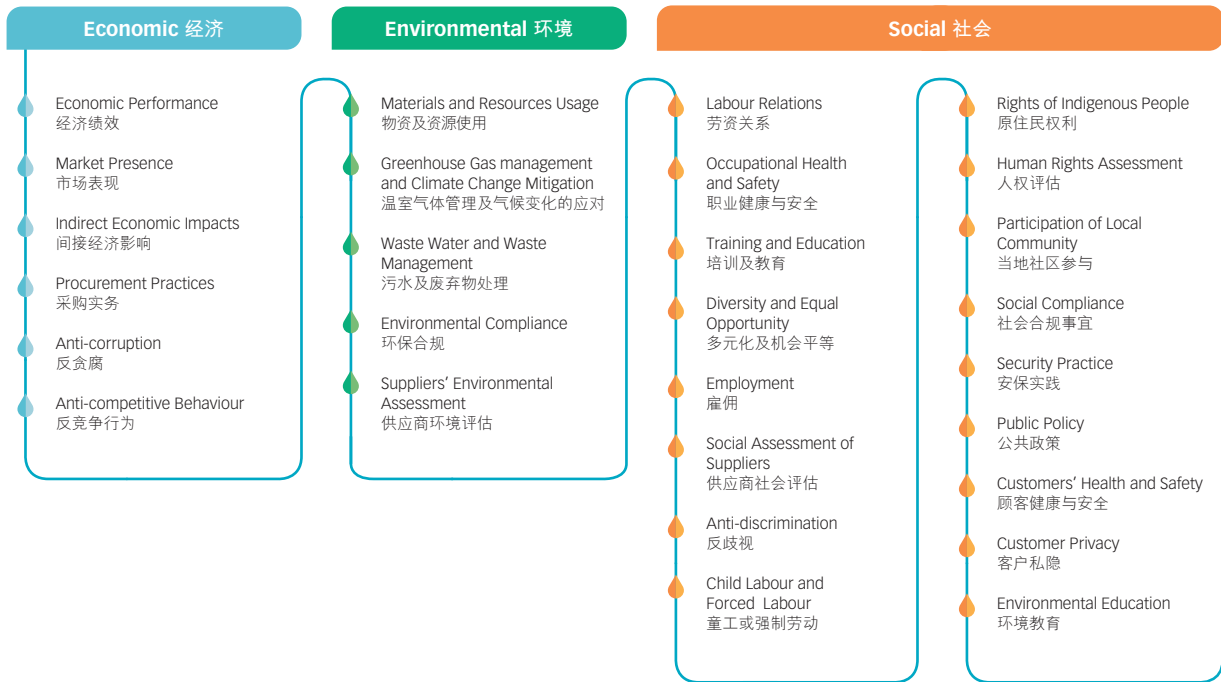
The major steps of our materiality assessment in this year are summarised as follows:

实质性评估

我们每年均会进行一次全面的实质性评估，从而辨识光大水务的重要可持续发展风险及机遇。本评估就持份者参与中识别出来的议题优先次序作出指引，并有助确定本公司及持份者最为关切的经济、环境和社会议题，从而加强我们资源分配、报告和沟通的明确性。

本年度实质性评估的主要步骤总结如下：

List of Sustainability Issues 可持续发展议题列表



Stage 1 第一阶段

Identification of Sustainability Topics Most Relevant to Everbright Water

识别与光大水务最相关的可持续发展议题

The identification of material topics was carried out by our independent sustainability consultant. A list of over 30 significant issues was compiled from the evaluation of Everbright Water's major impacts on economic, environmental, labour, human rights and other social issues in terms of sustainability. These key topics were determined from extensive sources of information, including the indicators of GRI Standards, opinions from the stakeholders, company policies and management strategies, internal publications and media reports, etc.

实质性议题的识别经由本公司的独立可持续发展顾问进行。评估收集了超过三十个光大水务于经济、环境、劳工、人权及其他社会事项的可持续发展议题。这些关键议题乃透过广泛资料来源所得，其中包括GRI指标、持份者参与意见、公司政策及管理策略、内部刊物及媒体报导等。

Stage 2 第二阶段

Establishment of Materiality Matrix, Prioritisation of Material Topics

制定实质性矩阵、识别实质性议题的优先次序

A third-party stakeholder engagement survey was conducted by our independent sustainability consultant to obtain the views from 7 stakeholder groups on the priority of the material topics identified in Stage 1. The findings were summarised and analysed 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 Company are the disclosure focus of this Report.

我们的独立可持续发展顾问对七个重点持份者组别进行第三方持份者参与调查，依据调查结果对第一阶段识别的实质性议题作优先排序。顾问随即根据持份者对议题的取向和议题对光大水务的重要性这两个参数对这些议题作出统计及分析，并将议题以矩阵表达。前十个于持份者和公司层面最为重要的议题即为本报告的披露重点。

Stage 3 第三阶段

Validation of Material Topics

验证实质性议题

The 10 prioritised material topics and boundaries were validated by the Board to ensure the rationality, balance and completeness of the Report. Following this process, our independent sustainability consultant reframed the material topics into GRI Standard Disclosures for the reporting purpose. The established systematic data collection and monitoring mechanisms managed by our specialists in the regional management centres ensure that all project companies are able to provide accurate data for comprehensive disclosures on a regular basis.

董事会对这十个经优先排序的实质性议题及其边界作验证，以确保报告的合理性、平衡性及完整性。随后，我们的独立可持续发展顾问将实质性议题转换为GRI标准披露，方便报告之用。本公司区域管理中心的专员透过系统式的数据收集和监测机制，确保所有项目公司定期提供准确、全面的可持续发展数据。

Stage 4 第四阶段

Materiality Review

检视实质性

Prior to the preparation of the Report, stakeholders expressed opinions on Everbright Water's sustainability performance in 2017 through third-party stakeholder engagement surveys. The materiality review allows stakeholders to participate in the sustainable development disclosure process comprehensively and is beneficial to the Company in accomplishing long-term sustainable development targets.

在准备本报告之前，持份者通过第三方持份者调查活动表达了他们对光大水务于二零一七年度可持续发展表现的意见。实质性检视有助持份者更全面参与可持续发展的披露过程同时有利于本公司实践长远的可持续发展目标。

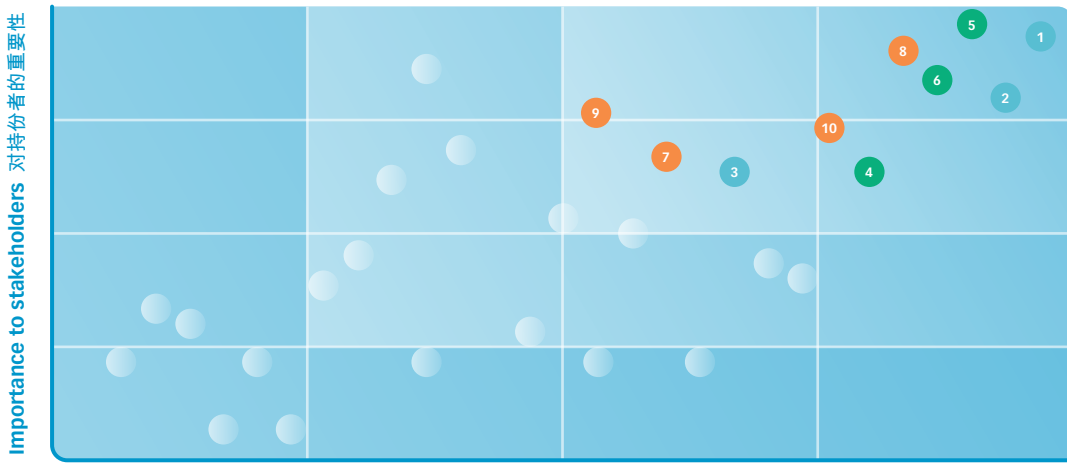


Materiality Matrix

The 10 material topics listed below can be transferred as the disclosure standard of GRI. The Report will relate to those disclosure standards in reporting the sustainability performances of the Company's controlled and operating projects during the Reporting Period, such as waste water treatment, reusable water, waste water source heat pump, sponge city construction, river-basin ecological restoration, etc.

实质性议题矩阵

下列十个经排序的实质性议题可被转换成GRI的标准披露。本报告将围绕这些标准披露，汇报本集团拥有运营控制权并于报告期间运营中的污水处理、中水回用、污水源热泵、海绵城市建设、流域治理等项目的可持续发展表现。



Significance of Economic, Environmental and Social Impacts 经济、环境和社会影响的重要性

Economic 经济	Environmental 环境	Social 社会
<ul style="list-style-type: none"> 1 Economic Performance 经济绩效 2 Market Presence 市场表现 3 Procurement Practices 采购实践 	<ul style="list-style-type: none"> 4 Materials and Resources Usage 物资及资源使用 5 Waste Water and Waste Management 污水及废弃物处理 6 Environmental Compliance 环保合规 	<ul style="list-style-type: none"> 7 Environmental Education 环境教育 8 Occupational Health and Safety 职业健康与安全 9 Training and Education 培训及教育 10 Employment 雇佣



Everbright Water's 10 Material Issues

光大水务的十大实质性议题

GRI Standard Disclosures
GRI 标准披露

Impacts and Boundaries
影响及范围

	Within Everbright Water 光大水务内部		Outside Everbright Water 光大水务外部				
	Investors/ Shareholders 投资者/ 股东	Employees 员工	Government 政府	Villagers/Local Communities 村民/ 当地社区	Business Partners/ Suppliers 业务伙伴/ 供货商	Investment Analysts 投资分析员	Media 媒体
1 Economic Performance 经济绩效	✓	✓	✓		✓	✓	✓
2 Market Presence 市场表现	✓	✓	✓		✓	✓	✓
3 Procurement Practices 采购实践	✓	✓	✓		✓	✓	
4 Materials and Resources Usage 物资及资源使用	✓	✓	✓	✓			
5 Waste Water and Waste 污水及废弃物	✓	✓	✓	✓	✓	✓	
6 Environmental Compliance 环保合规	✓	✓	✓	✓	✓	✓	✓
7 Environmental Education 环境教育	✓	✓		✓			✓
8 Occupational Health and Safety 职业健康与安全	✓	✓	✓				
9 Training and Education 培训及教育	✓	✓					
10 Employment 雇佣	✓	✓					

- Economic 经济
- Environmental 环境
- Social 社会

Becoming an environmentally Responsible Enterprise

成为具有环境担当的企业



Everbright Water has long been committed to the principle of “maintaining stable operations and ensuring compliant discharge”. The Company aims to foster harmony between its projects and the surrounding environment, and to drive sustainable development of the society through high-standard environmental performance, technology innovation, forward-looking business operations, and the assurance of discharge compliance.

As an enterprise focusing on environmental protection, we pay close attention to climate change and its implications to the Company. Natural disasters caused by climate change, such as extreme rainfall and water shortage, will inevitably affect the Company’s project operations. Therefore, we have included climate change-related risks into our Risk Management System, established a comprehensive flood and drought resilience and emergency response plan, and formed a responsive team in coping with climate change challenges. In addition, we continuously monitor our greenhouse gas (“GHG”) emissions to improve our work in energy saving and emission reduction.

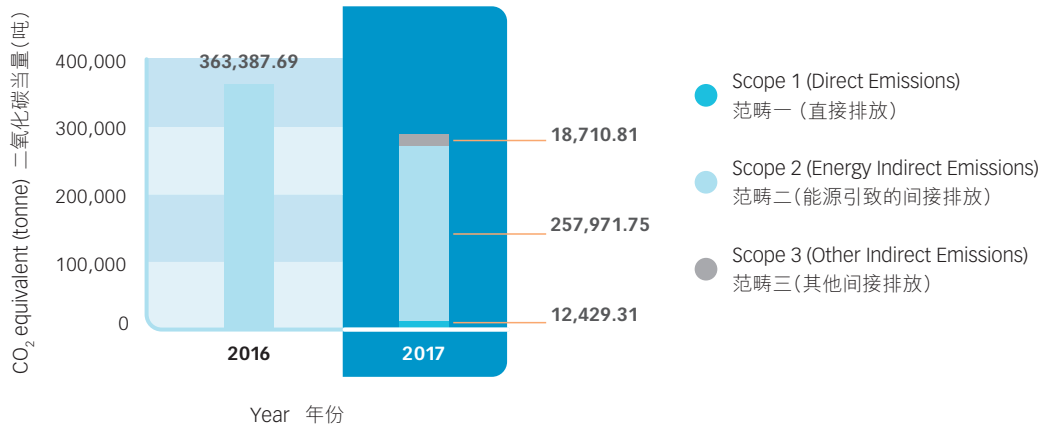
In the Report, we used the GHG emissions calculation methodology of the Clean Development Mechanism (“CDM”) under the United Nations Framework Convention on Climate Change (UNFCCC) to estimate the GHG emissions of our waste water treatment projects in an accurate manner. The CDM calculation methodology takes into account project details such as reduction of COD discharge achieved by waste water treatment, methane production from anaerobic digestion process, in-plant electricity consumption, fuel consumption for the transportation of sludge, etc. to provide reliable GHG emissions data to our stakeholders.

光大水务以始终如一的态度秉承着「稳定运行、达标排放」的原则。本公司旨在促进水务项目与周边环境的和谐共进，并透过高标准的环保绩效、科技创新、前瞻的业务运营及确保排放合规，推动社会可持续发展。

作为环保立身的企业，我们密切留意气候变化及其对本公司的影响。气候变化引致的极端降雨、水资源短缺等自然灾害将无可避免地影响本公司的项目运营。因此，我们把气候变化相关的风险纳入我们的风险管理体系中，建立完善的防汛抗旱应急预案，并组建了一支应对气候变化挑战的响应团队。此外，我们亦持续监察温室气体排放量，做好节能减排工作。

在本报告中，我们使用了《联合国气候变化框架公约》中清洁发展机制（「CDM」）的温室气体排放计算方法，以准确估算污水处理项目的温室气体排放量。CDM的计算方法考虑了污水处理实现的COD减排、厌氧消化过程所产生的甲烷、厂内用电和运送污泥所消耗的燃料等项目细节，为持份者带来了可靠的温室气体排放数据。

GHG Emissions by Scopes in 2017
二零一七年按范畴划分的温室气体排放



Notes:

- (1) Figures are rounded to two decimal places
- (2) The calculation boundary covers all operating projects (Scope 1 and Scope 2) and fuel consumption for the transportation of sludge and air travel by employees (Scope 3)
- (3) The calculation for operating projects is referenced to CDM methodology "AM0080: Mitigation of Greenhouse Gases Emissions with Treatment of Wastewater in Aerobic Wastewater Treatment Plants (Version 1.0)"
- (4) GHG emissions from air travel are calculated by ICAO Carbon Emissions Calculator
- (5) There were no statistics on Scope 1 and Scope 3 GHG emissions in 2016

附注:

- (1) 数字调整至最接近的小数点后两位表示
- (2) 计算边界包括所有运营项目（范畴一和范畴二）及运送污泥的燃料消耗和员工飞机差旅（范畴三）
- (3) 运营项目的计算参照CDM方法《AM0080：透过在有氧污水处理厂处理污水减少温室气体排放（1.0版）》
- (4) 飞机差旅的温室气体排放以国际民航组织的碳排放计算器计算得出
- (5) 二零一六年并没有统计范畴一和范畴三的温室气体排放数据

Follow the principle of **“maintaining stable operations and ensuring compliant discharge”** and ensure our **operations comply with legal requirements**

秉承「**稳定运行、达标排放**」的原则

并确保我们的**运营符合法律要求**

Environmental Management Policies

Regionalised Management Structure

To improve operational efficiency and adapt to changes in overall environment and market situation of the water environment management industry, Everbright Water improved its environmental management system. In 2016, the Company set up four regional management centres in Eastern Shandong, Western Shandong, Jiangsu and Liaoning respectively for more effective management of project companies under a regionalised structure in order to facilitate resources integration and connections between project companies and create synergies.

环境管理政策

区域化管理架构

为提升运营管理效率，以及适应水环境治理市场的整体环境和客观形势的变化，光大水务优化了自身的环境管理结构。本公司在二零一六年设立了鲁东、鲁西、江苏和辽宁四个区域管理中心，以区域化管理模式更有效地管理项目公司，从而促进各项目公司的资源整合与联系，发挥协同效应。

Effective Environmental Management System

Since 2016, the Company has fully implemented the ESHS Management System and Risk Management System, aiming to manage its projects' environmental and social impacts and their risks in a refined, standardised and institutionalised manner. The two-pronged approach has set up a comprehensive system that integrates pre-event risk identification and assessment, on-going risk inspection and review, as well as post-event appraisal and evaluation, providing a healthy platform and long-term safeguard for the Company's sustainable development. The two management systems also effectively enhance employees' management capabilities in day-to-day operations by controlling risk from source. In 2017, the Company continued to improve and enhance the implementation of both management systems through subsidiaries, such as organising contest on ESHS knowledge, to raise awareness on environmental and social impact management.

Apart from internal management systems, the Company actively evaluates its environmental and social performances in accordance with recognised international standards. For instance, since 2016, we have been reporting to International Finance Corporation ("IFC") on our environmental and social performance in accordance with the "Environmental, Health and Safety Guidelines" of IFC applicable to the general and industry sector. Furthermore, all our projects have either obtained or are actively applying for relevant management system certificates, including ISO9001 Quality Management System, ISO14001 Environmental Management System and OHSAS18001 Occupational Health Safety Management System. These certificates serve as recognition of our safe, reliable and up-to-standard operational performance, demonstrating our strong sense of environmental and social responsibility. In the future, we will maintain our leading role in the environmental water industry and make greater contributions to environmental and ecological protection.

高效的环境管理体系

自二零一六年起，本公司全面实施ESHS管理体系及风险管理体系，旨在精细化、标准化、制度化地管理项目所带来的环境及社会影响及其风险控制水平。两大管理体系双管齐下，建立了一套由事前识别评估、事中检查审核以及事后考核评价的完整制度，提供了一个健康的平台和系统化的长期保障并促进本公司的可持续发展。两套体系同时有效加强员工日常运营的管理能力，从源头上控制风险。于二零一七年，本公司继续优化并透过旗下附属公司加强实施两大管理体系，例如举办ESHS知识竞赛等活动提高管理环境和社会影响的意识。

除了内部管理体系外，本公司亦积极按照受认可的国际标准去评估其环境及社会表现。例如，我们自二零一六年起向国际金融公司（「IFC」）提交监测报告，并根据其通用及行业特定的《环境、健康和安全管理指南》评估我们的环境与社会表现。此外，我们旗下所有项目均已获得或正在积极申请各类相关体系管理证书，包括ISO9001质量管理体系、ISO14001环境管理体系及OHSAS18001职业健康安全管理体系。这些认证为我们安全、可靠和达标的运营表现作出了认可，充分显示出我们对环境及社会的责任感。未来，我们将继续保持环保水务行业市场的领先地位并为环境及生态保育作出更大贡献。

Corporate Policy on Environmental Management

As a subsidiary of Everbright International, we strictly enforce the “Corporate Policy on Environmental Management” formulated by Everbright International. We have incorporated environmental and social management into corporate management objectives, and made commitments to compliance, risk management and due diligence, environmental protection, health and safety, supplier management as well as monitoring and communication. During the Reporting Period, the Company did not have non-compliance cases against environmental laws and regulations.

企业环境管理政策

作为光大国际的附属公司，我们严格实践光大国际所制定的《环境管理企业政策》，我们把环境和社会管理加入企业发展的方针内，并对合规、风险管理和尽职调查、环境保护、健康和安全、供应商管理以及监测和沟通等议题许下承诺。于报告期内，本公司并没有任何违反环境法律和法规的事件。

CASE STORY

个案分享

Iconic Environment Management Project 标志性的环境管理项目

The Company’s commitment to environmental protection is not only reflected in our pursuance of top-notch technology but also the praises given by industry, society and government.

本公司对环境保护的担当不仅在于对卓越技术的执着追求，同时亦体现于业界、社会及政府对我们的高度评价。

Zhenjiang Sponge City Construction PPP Project was included in the second batch of PPP project case studies of National Development and Reform Commission (“NDRC”) of the PRC to provide guidance and demonstration for future applications and practice of the PPP model. It is the only sponge city project shortlisted in this batch. The project had undergone a stringent evaluation process. In particular, the project was recommended by the Development and Reform System and submitted through public nomination, and subsequently assessed by NDRC’s PPP experts based on the project’s operation standards, innovations, and value for reference in areas such as municipal facilities, transportation facilities, public services, resource and environment, etc.

江苏省镇江海绵城市建设PPP项目被选为中华人民共和国国家发展和改革委员会（「国家发展改革委」）第二批PPP项目典型案例，为未来PPP模式的应用和实践提供指导和示范，更是此次唯一入选的海绵城市建设项目。其评审准则十分严谨，需通过发展改革系统推荐及社会公开方式征集，并经国家发展改革委PPP专家库专家严格论证，根据项目运作规范、具有创新示范价值和借鉴意义等标准确定项目典型案例，范畴涵盖市政设施、交通设施、公共服务、资源环境等。

This distinction serves as recognition of Everbright Water’s fulfilment of responsibilities and promises towards local governments and communities. It motivates the Company to continue giving full play to its advantages in construction, management and operation. We will also stay active in cooperating with the government and project partners to promote green development.

此殊荣肯定了光大水务对当地政府和社区的责任和承诺的兑现，推动公司上下继续发挥建设、管理、运营等方面的优势。我们亦会继续积极配合政府及项目合作伙伴以稳步推动绿色发展。

Waste Water Treatment and Sludge Treatment and Disposal

污水处理及污泥处理处置

“ Provide **high-quality** water environment management services and **minimise** our operational impacts to the environment

提供**高质量**的水环境综合治理服务

将运营的环境影响**减至最低**”

Stringent Effluent Discharge Monitoring System

严格的出水监测系统

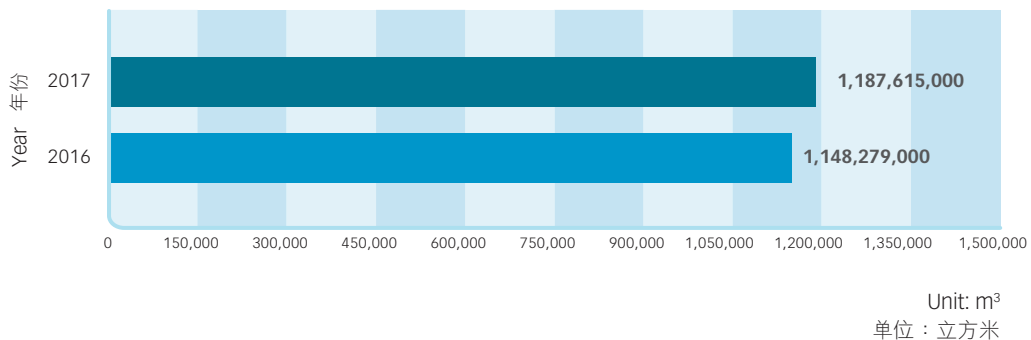
In order to guarantee the service quality of our waste water treatment projects, all of our project companies installed effluent discharge monitoring system which promptly, accurately and continuously measures effluent discharge data. We also conduct third-party monitoring of water quality to ensure that the quality of effluent complies with relevant standards.

为了保证我们的污水处理项目提供高质量的服务，我们的项目公司皆设有出水监测系统，能够迅速、准确和持续地测量出水数据。此外，我们亦定时进行第三方水质检测，确保出水符合有关标准。

In order to produce clean water, we set a high standard for our waste water treatment projects. The effluent discharged from most of our waste water treatment projects complies with Grade 1A standard of “Discharge Standard of Pollutants for Municipal Wastewater Treatment Plant” (GB18918-2002) and all effluent complies with relevant requirements stated in the environmental impact assessment reports approved by the government and is discharged to rivers and oceans. During the Reporting Period, the Company processed around 1,187,615,000 m³ of waste water and reduced approximately 319,000 tonnes of COD discharge.

为了制造清澈的水源，我们的污水处理项目设定了相应的高标准。我们大部分的污水处理厂的出水均符合《城镇污水处理厂污染物排放标准》(GB18918-2002)的一级A标准，所有出水均符合已获政府审批的环境影响评价报告中的相关要求并排放到河流及海洋。在报告期间，本公司已处理约1,187,615,000立方米污水，同时减少了约319,000吨的化学需氧量(COD)排放。

Waste Water Treated in the Past Two Years
过往两年的污水处理量



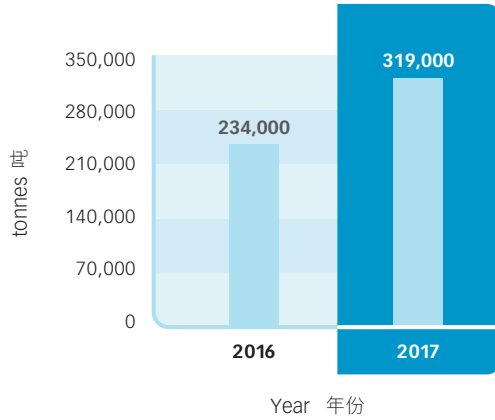
Note:

(1) Figures are rounded to the nearest thousand

附注：

(1) 数字调整至最接近的千位数表示

COD Reduction in the Past Two Years
过往两年的COD减排量



Note:

(1) Figures are rounded to the nearest thousand

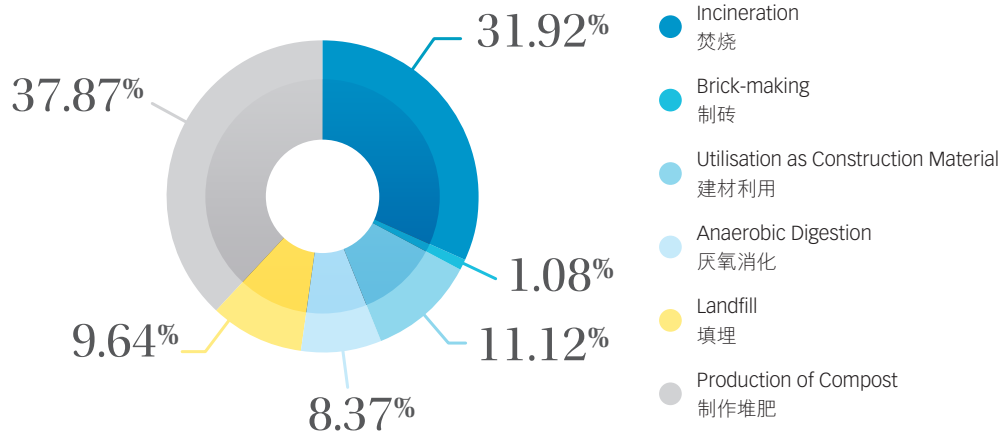
Sludge is an inevitable by-product generated during waste water treatment. Therefore, we strive to treat sludge produced from operating projects in an appropriate manner, to reduce the impacts on the environment. Sludge produced from our projects is treated in accordance with "Discharge Standard of Pollutants for Municipal Wastewater Treatment Plant" (GB18918-2002) and relevant international standards such as IFC's "General Environmental, Health and Safety Guidelines", "Environmental, Health and Safety Guidelines for Water and Sanitation", etc. Treated sludge can be recycled and reused in compost production, incineration, brick-making for construction, etc. Sludge designated for disposal at landfills will first be dewatered to reduce its water content and volume in order to relieve the burden of landfill sites. During the Reporting Period, we generated approximately 698,000 tonnes of sludge, of which about 90.36% was recycled and reused.

附注：

(1) 数字调整至最接近的千位数表示

污泥是污水处理过程中不能避免的副产物之一。因此，我们致力妥善处理项目运营中产生的污泥从而减少对环境的影响。我们的项目均按照《城镇污水处理厂污染物排放标准》(GB18918-2002)等有关国家标准以及IFC《通用环境、健康和安全管理指南》及《水与卫生环境、健康与安全指南》等有关国际标准处理污泥。经处理的污泥可从生产堆肥、焚烧、制砖建材利用等途径循环再用。需填埋处理的污泥会先进行脱水，以减少其含水量和体积，从而减轻对填埋场的负担。于报告期内，我们共产生了约698,000吨污泥，其中大约90.36%的污泥被循环再用。

Ultimate Treatment / Disposal of Sludge Generated from Waste Water Treatment Projects in 2017
二零一七年污水处理项目所产生的污泥的最终处理/处置



Note:

(1) Figures are rounded to two decimal places

附注：

(1) 数字调整至最接近的小数点后两位表示

Materials and Resources Usage

材料及资源利用



Reduce resource consumption through efficiency enhancement

通过提升生产效率从而减低资源消耗



Increase Energy and Water Efficiency

提升能源及用水效率

As a pioneer in the water environment management industry, Everbright Water strives to improve operational efficiency to reduce resource consumption. In this regard, we keep detailed monthly records of every project's usage of materials and resources, where the records are compiled and recorded in the regional management centres. With these records, we wish to effectively manage operating costs and formulate long-term strategies on resource usage, to reduce consumption of materials and energy in operating projects.

作为水环境治理行业的先锋，光大水务尽力提升运营效率，从而减少资源消耗。有见及此，我们每个月都会详尽记录各个项目的物料和资源使用情况，并交由区域管理中心整合及记录。我们希望利用这些纪录更有效地管理运营成本，并制定长远的资源利用策略，以减省运营项目的物料和能源消耗。

In addition, we actively explore plans to make good use of resources to reduce energy consumption. For instance, our waste water treatment plant in Qingdao generates electricity with biogas produced from waste water treatment processes for the plant's internal use, reducing the amount of electricity purchased from the grid.

此外，我们亦积极探索不同方案善用资源，务求减低能源消耗。例如，我们位于青岛的污水处理项目利用污水处理过程中所产生的沼气产生电力，以应付厂内用电要求，从而减低电网购电量。

Energy Consumption Statistics of Operating Projects in 2017 二零一七年各运营项目的耗能统计

Non-renewable Electricity 非再生电力	Biogas 沼气	Total 总计
1,235,648.96	150,176.12	1,385,825.08

Unit: GJ

单位: 吉焦

Notes:

附注:

(1) Figures are rounded to two decimal places

(1) 数字调整至最接近的小数点后两位表示

(2) Energy content of biogas is assumed to be 20,908 kJ/m³

(2) 假设每立方米沼气含20,908千焦能源

Key Materials Consumption Statistics of Operating Projects in 2017 二零一七年各运营项目的主要物料使用统计

Function	用途	Quantity (tonne) 数量 (吨)
pH adjustment	酸碱调整	14,820.99
Coagulant & flocculant	凝结剂及絮凝剂	88,129.53
Disinfectant	消毒剂	9,830.04
Chemical oxidiser	化学氧化剂	6,531.91
Carbon source	碳源	11,846.39
Biological treatment	生物处理	1.83
Absorbent	吸附剂	1,471.16
Others	其他	1,024.33
Total	总计	133,656.18

Note:

附注:

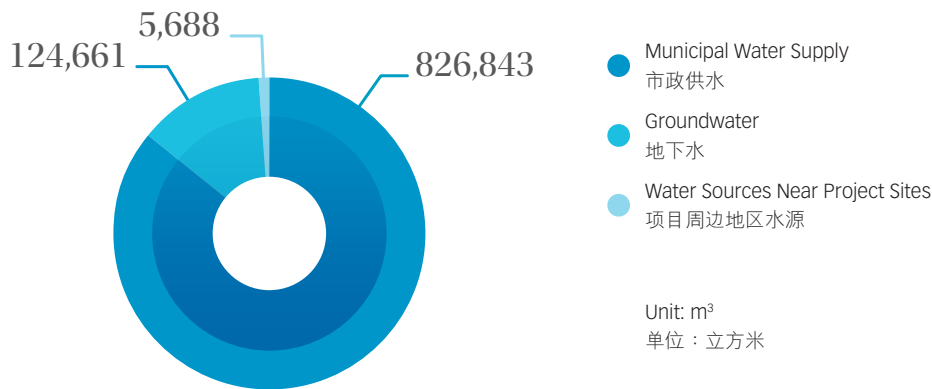
(1) Figures are rounded to two decimal places

(1) 数字调整至最接近的小数点后两位表示

We are also committed to making good use of treated waste water as a source of reusable water in order to reduce freshwater demand of downstream users. Our reusable water projects purify effluent from waste water treatment plants in accordance with "Reuse of Urban Recycling Water – Water Quality Standard for Industrial Uses" (GB/T19923-2005) or equivalent. Reclaimed water produced by reusable water projects can be used for power plants and general industrial use. During the Reporting Period, we produced over 11,061,000 m³ of reclaimed water with recycling ratio reaching 71.49%.

我们亦致力善用经处理的污水作为再生水资源，从而减少下游使用者对淡水的需求。我们的中水回用项目净化我们污水处理厂的出水，确保水质符合《城市污水再生利用工业用水水质》(GB/T19923-2005)或同等标准。中水回用项目所产生的再生水可用于发电厂或用作一般工业用途。在报告期间，我们一共生产了超过11,061,000立方米再生水，循环使用率达到71.49%。

Water Consumption Statistics of Operating Projects in 2017
二零一七年各运营项目的耗水统计



Note:

(1) Figures are rounded to the nearest integer

附注：

(1) 数字调整至最接近的整数表示

Safeguard the health and safety of employees and
Undertake Corporate Social Responsibility

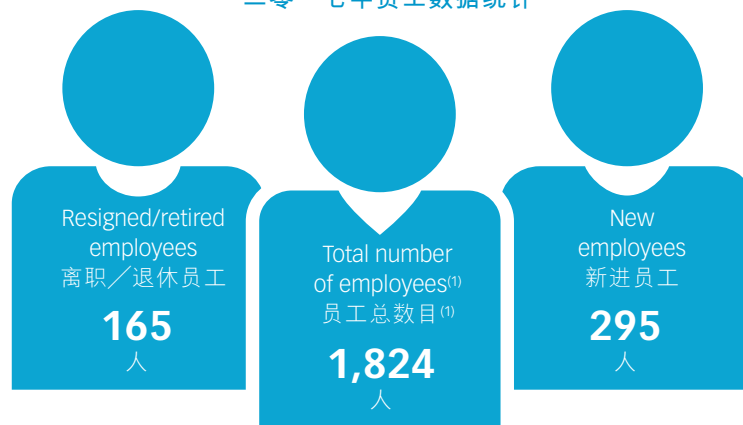
保障我们员工的健康与安全并承担企业社会责任



Everbright Water strongly believes that employees are the cornerstone of a successful corporation. As a result, the Company upholds the “People-Oriented” development strategy and regards talents as the primary source of productivity. We are committed to integrating employees’ self-worth and corporate development, and guarantee employees to strive in a cultivated working environment with fair and challenging opportunities. This demonstrates the Company’s emphasis on undertaking its corporate responsibility.

光大水务深信员工乃企业发展成功的基石，因此我们坚持「以人为本」的发展策略，视人才为第一生产力。我们务求把员工的自我价值和企业的发展进程结合，确保员工在良好的工作环境和公平、具挑战性的机会中成长，体现本公司对承担企业责任的重视。

Employee Statistics in 2017 二零一七年员工数据统计



Note:

(1) As at 31 December 2017

附注：

(1) 截至二零一七年十二月三十一日

Employee Welfare and Protection

员工福利及保障

“

Safeguard the Company’s talent during their career at the Company

为人才在公司的发展提供**妥善保障**

”

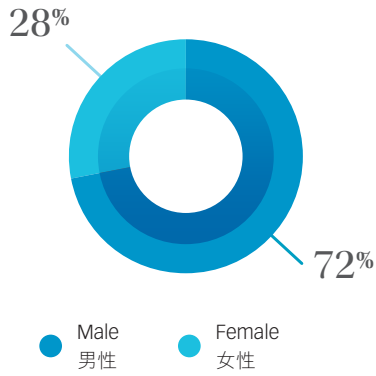


Employee Development

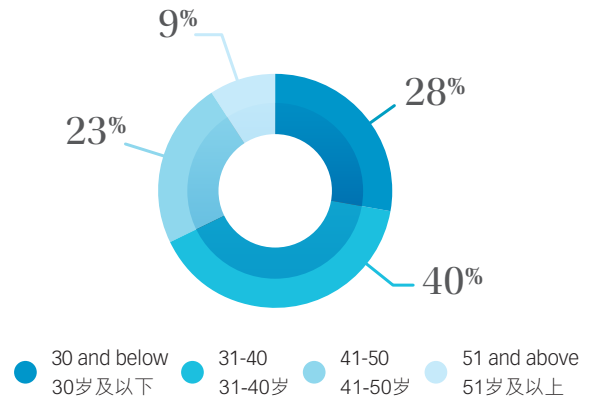
培育人才

Statistics on Diversity of Employees in 2017
二零一七年员工多元化统计

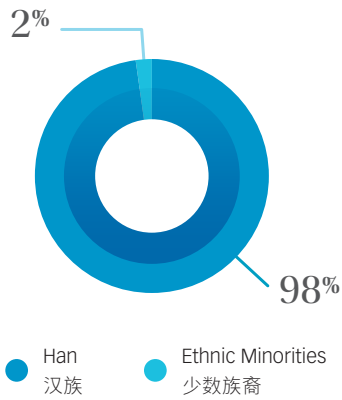
By gender
按性别划分



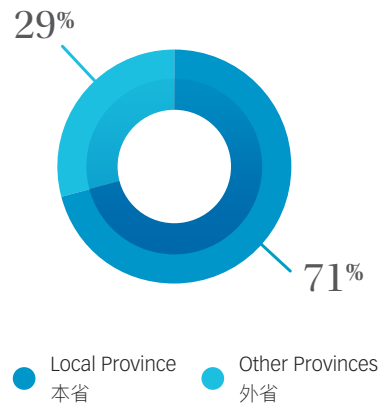
By age
按年龄划分



By ethnicity
按民族划分



By location
按地区划分



Notes:

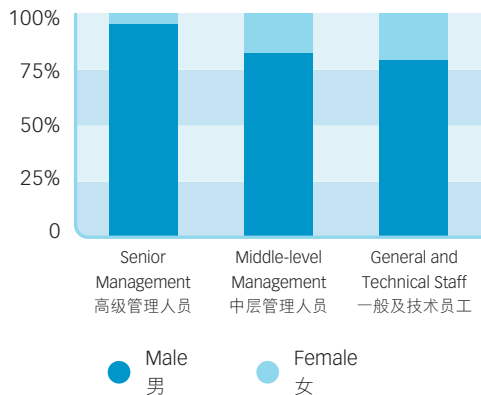
- (1) Figures are rounded to the nearest integer
- (2) As at 31 December 2017

附注:

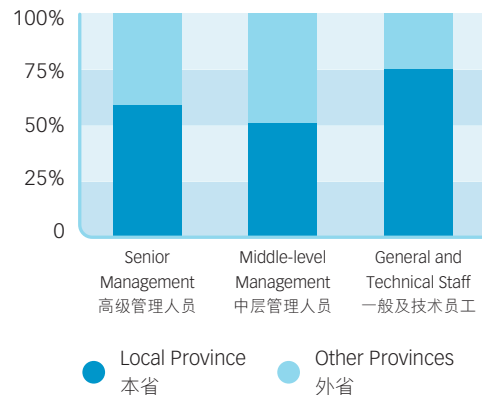
- (1) 数字调整至最接近的整数表示
- (2) 截至二零一七年十二月三十一日

Total number of employees	员工总数	1,824
By gender	按性别划分	
Male	男性	1,310
Female	女性	514
By age	按年龄划分	
30 and below	30岁及以下	514
31 – 40	31 – 40岁	728
41 – 50	41 – 50岁	414
51 and above	51岁及以上	168
By employee ranking	按员工职级划分	
Senior management	高级管理人员	108
Middle-level management	中层管理人员	218
General and technical staff	一般及技术员工	1,498
By geographical location	按地区划分	
Hong Kong	香港	10
Singapore	新加坡	4
Mainland China	中国大陆	1,810
Employees from local province	来自同省的员工	1,609
Employees from other provinces	来自外省的员工	201

Male to female ratios by employee ranking
各员工职级的男女比例



Employees by location
按地区划分的受雇员工



Note:

(1) As at 31 December 2017

附注:

(1) 截至二零一七年十二月三十一日

Human Resources Management System

In order to build a strong team, the Company has established a comprehensive human resources management system and strives to provide comprehensive welfare and safeguards for our employees. We strictly comply with local labour legislations and regulations and offer full-time employees with life insurance, medical care, disability and invalidity coverage, maternity and paternity leaves, and bonuses are regularly awarded. Furthermore, we take the initiative to help employees plan for retirement. On top of the mandatory endowment insurance required by laws, we developed a supplementary pension system for our employees as an additional retirement benefit. Body checks and occupational disease prevention check-ups are arranged for employees on an annual basis to ensure their physical and mental health.

We stringently comply with laws and regulations to protect rights and interests of different genders and safeguard the rights of employees, including offering sufficient maternity leave to pregnant employees as well as paternity leave to male employees for them to look after their spouses. We encourage them to return to work after maternity/paternity leave, and ensure that their career development and remuneration remain unaffected by the parental leave.

人力资源管理制度

为了打造强大的团队，本公司建立了完善的人力资源管理制度，并致力于为员工提供完善的福利和保障。我们恪守当地劳工法例，为正式员工提供人寿保险、医疗保健、伤残保险、产假及男士陪产假等福利，并定时派发奖励花红。此外，我们还主动协助员工规划退休安排，除了法律及法规规定的强制性养老保险外，我们还建立了员工补充养老制度作为额外的退休福利。我们每年亦会为员工提供身体检查服务及职业病防范检查，确保他们的身心健康。

我们严格遵守有关性别权益保障的法例，维护员工的权利，包括给予怀孕女员工充足的产假，及给予男员工陪产假以方便照顾配偶。我们鼓励员工在产假/陪产假结束后重返工作岗位，并保证员工的职业发展和薪酬不受影响。

Employee Parental Leave Statistics in 2017 二零一七年产假/陪产假数据统计	Gender 性别	2017 二零一七年
Number of female and male employees who took parental leave 休产假/陪产假的男女员工数目	Male 男	38
	Female 女	58
Total number of employees who returned to work after parental leave ended 产假/陪产假结束后重返工作岗位的员工总数	Male 男	37
	Female 女	57
Total number of employees who returned to work after parental leave ended and were still employed 12 months after their return to work 产假/陪产假结束后返岗且12个月后仍在职的员工总数	Male 男	36
	Female 女	29
Return to work rate of employees who returned to work after parental leave ended (%) ⁽¹⁾ 产假/陪产假结束后重返工作岗位的员工比率(%) ⁽¹⁾	Male 男	97.36
	Female 女	98.28
Retention rate of employees who returned to work after parental leave ended and were still employed 12 months after return to work (%) ⁽¹⁾ 产假/陪产假结束12个月后仍在职的员工比率(%) ⁽¹⁾	Male 男	94.74
	Female 女	90.63

Note:

附注：

(1) Figures are rounded to two decimal places

(1) 数字调整至最接近的小数点后两位表示

Talent Recruitment

The Company sets up a talent recruitment mechanism which actively brings in local and foreign technical and management specialists through collaboration with professional recruitment agencies and higher education institutions, as well as other channels such as local, overseas and on-campus recruitments. We consider the ability and qualification of candidates as the most important assessment criteria where factors such as gender, age, and race will not affect the employment or promotion chance of the applicants. We create job opportunities for the locals, with the majority of new employees in 2017 from the local provinces.

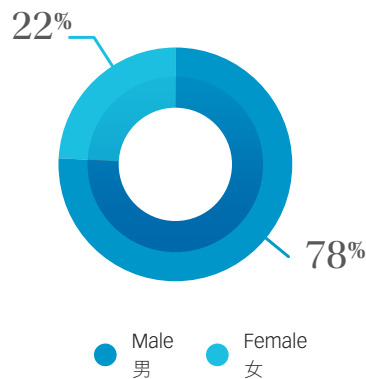
人才招聘

本公司设立人才招聘机制，透过与专业的人才招聘机构、高等院校合作，以本地招聘、海外招聘、校园招聘等方式积极引进国内外的技术及管理专才。我们务实考虑应征者的能力和资质，绝不因为性别、年龄、种族等其他因素影响应征者或员工的招聘及晋升机会。我们为本地人才创造就业机会，二零一七年聘请的大部分新进员工来自本省。

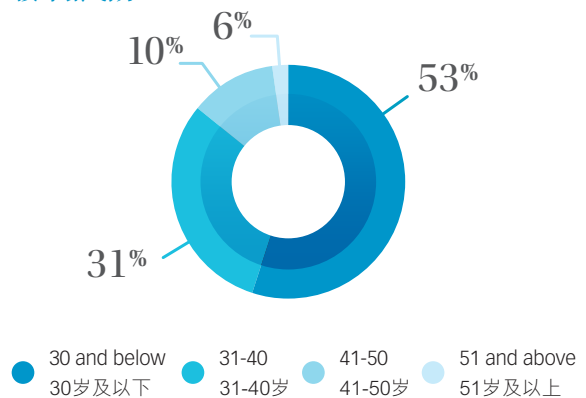
New Employees Statistics in 2017

二零一七年新进员工数据统计

By gender 按性别划分



By age 按年龄划分



Note:

(1) Figures are rounded to the nearest integer

附注：

(1) 数字调整至最接近的整数表示

Percentage of employee
by category⁽¹⁾⁽²⁾⁽³⁾
占该类别员工的百分比
(%)⁽¹⁾⁽²⁾⁽³⁾

Number of employees
员工人数

Total number of new employees	新进员工总数	295	16.17
By gender	按性别划分		
Male	男性	224	17.10
Female	女性	71	13.81
By age	按年龄划分		
30 and below	30岁及以下	162	31.52
31 - 40	31 - 40岁	91	12.50
41 - 50	41 - 50岁	36	8.70
51 and above	51岁及以上	6	3.57

Notes:

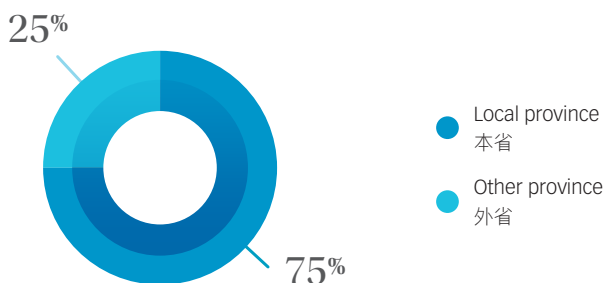
- (1) Number of new employees / Total number of employees in that category
- (2) Figures are rounded to two decimal places
- (3) As at 31 December 2017

附注：

- (1) 新进员工 / 占该类别员工总数
- (2) 数字调整至最接近的小数点后两位表示
- (3) 截至二零一七年十二月三十一日

New Employees Statistics in 2017
二零一七年新进员工数据统计

By location
按地区分类



Note:

(1) Figures are rounded to the nearest integer

附注：

(1) 数字调整至最接近的整数表示

By geographical location		按地区划分	
		Number of employees⁽³⁾ 员工人数 ⁽³⁾	Percentage of employee by category⁽¹⁾⁽²⁾⁽³⁾ 占该类别员工的百分比 ⁽¹⁾⁽²⁾⁽³⁾
Hong Kong	香港	1	10.00
Singapore	新加坡	1	25.00
Mainland China	中国大陆	293	16.19
Employees from local province	来自同省的新进员工	220	13.67
Employees from other provinces	来自外省的新进员工	73	36.32

Notes:

(1) Number of new employees / Total number of employees in that category

(2) Figures are rounded to two decimal places

(3) As at 31 December 2017

附注：

(1) 新进员工/占该类别员工总数

(2) 数字调整至最接近的小数点后两位表示

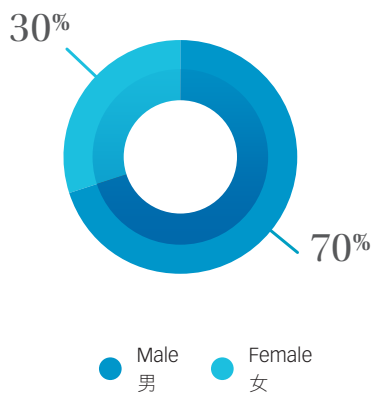
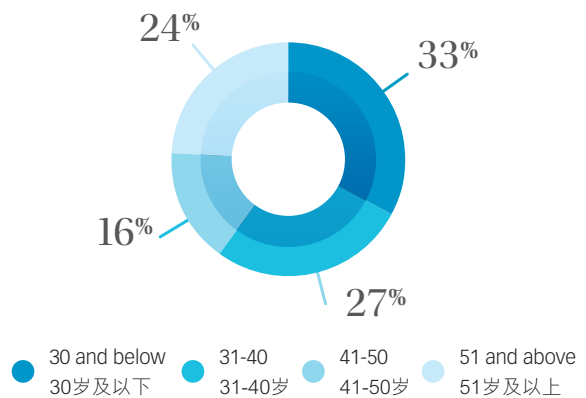
(3) 截至二零一七年十二月三十一日

Employee Turnover (Resigned/Retired) Statistics in 2017

二零一七年员工流失(离职/退休)统计

Employee Turnover (Resigned/Retired) Statistics in 2017

二零一七年员工流失(离职/退休)统计

By gender
按性别划分By age
按年龄划分

Note:

(1) Figures are rounded to the nearest integer

附注:

(1) 数字调整至最接近的整数表示

		Number of employees ⁽³⁾ 员工人数 ⁽³⁾	Percentage of employee by category ⁽¹⁾⁽²⁾⁽³⁾ 占该类别员工的百分比(%)(⁽¹⁾⁽²⁾⁽³⁾)
Total number of employee turnover 流失员工总数		138	7.57
By gender 按性别划分			
Male	男性	96	7.33
Female	女性	42	8.17
By age 按年龄划分			
30 and below	30岁及以下	46	8.95
31 – 40	31 – 40岁	37	5.08
41 – 50	41 – 50岁	22	5.31
51 and above	51岁及以上	33	19.64
By geographical location 按地区划分			
Hong Kong	香港	1	10.00
Singapore	新加坡	1	25.00
Mainland China	中国大陆	136	7.51

Notes:

- (1) Number of employee turnover/ Total number of employees in that category
- (2) Figures are rounded to two decimal places
- (3) As at 31 December 2017

附注:

- (1) 流失员工/占该类别员工总数
- (2) 数字调整至最接近的小数点后两位表示
- (3) 截至二零一七年十二月三十一日

We believe that employees' opinions can help improve our daily operations management, and thus strive to provide them with suitable communication channels and platforms. Meanwhile, our grievance mechanism covers different topics including labour/management relationship, human rights, workplace harassment, discrimination, etc., providing employees a platform to raise their grievances and opinions, and express their concerns on corporate governance.

我们相信员工的意见有助我们完善日常的运营管理。因此，我们致力为他们提供表达的合适渠道和平台。本公司欢迎员工表达对公司的想法。而我们所设立的申诉机制覆盖劳资关系、人权、职场骚扰及歧视等多个方面，供员工循序提出申诉、发表意见及提出对公司治理的关注。

Employee Training and Development

员工培训及发展

Develop a strong foothold in **TALENT ACQUISITION** and employee retention

招募并保留人才，建立**人才高地**



Diversified Training Plan

多元化培训计划

The Company is committed to designing diversified and practical training plans to satisfy the development needs of different employees. Therefore, trainings are tailored according to employees' positions, skills and management expectations.

本公司致力设计多元化和实用的培训计划，务求满足不同员工的发展需要。因此，我们按员工的岗位、技能和管理要求量身定制训练内容。

With a "managerial and technical backup talent pool" system, internal competitive selection and promotion opportunities through public announcement in the talent pool, self-application and bottom-up recommendation are offered to create an echeloned and recursive talent structure. We hope the system can increase the activeness and upward mobility of employees, enhance their working quality and competitiveness, and achieve a win-win situation for the Company and the employees.

我们设立了「后备管理、技术人才库」制度，以公开发布、自愿报名及由下至上推荐等形式提供内部竞聘及选拔的机会，创造梯队式和替补式的人才布局。我们希望透过此制度鼓励员工的积极性和向上流动性，并提升他们的工作质素和竞争力，达至企业和员工双赢。

We also highly value the internal personnel inheritance and exchange. The support of established regions to new regions is strengthened through intensifying regional human resources. Our apprenticeship program improves the skills of employees and reinforces the connectivity between employees. For instance, in this year, our project company in Zhangqiu implemented this program for the first time where experienced "masters" with good skills and reputation pass relevant knowhow and experience to "apprentices" through systematic training plans and assessment. This scheme helps new hires improve their skills more promptly and offers them with guidance in career development.

我们亦着重人力资源的内部承传和交流。通过集合区域的人力资源，加强了老项目对新项目的支持。我们的「师带徒」培训计划不但提升员工的技能，亦加强员工之间的联系，如我们的章丘项目公司亦于本年度举行了首次的「师带徒」计划。有丰富经验、技术及名声的「师傅」通过有系统的训练计划及考核制度，为「徒弟」传授知识。此计划亦有助新进员工更迅速地提升技能，同时引导其职业发展。

The Company also arranges senior management and technical leaders to participate in Tsinghua University's CEO Course and Engineering Master Course and Zhejiang University's Engineering Master Course. New employees are provided with execution training to help them better cohere to the new team and cultivate their sense of belonging to our corporate culture.

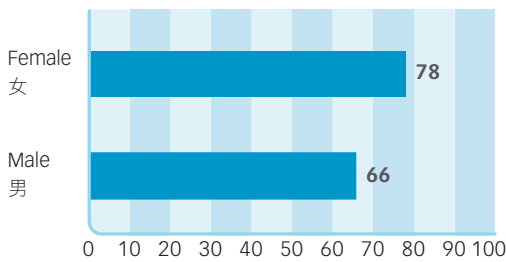
本公司亦安排公司高级管理人员和技术骨干参加清华大学总裁班、工程硕士班以及浙江大学工程硕士班，本公司亦为新进员工安排参加执行力拓展培训，帮助员工更好地融入新团队和培养对企业文化的认同感。

In addition, we organise overseas exchanges where members of external professional organisations are invited to provide training to managerial and technical employees of our projects, enabling them to grasp the latest industrial development. Our representative in Ji'nan project company won the first place in "Shandong Province Municipal Water Supply and Drainage Industry Occupational Skills Competition", which recognised the competitiveness and quality of our team. During the Reporting Period, the average training time per employee reached 69.52 hours.

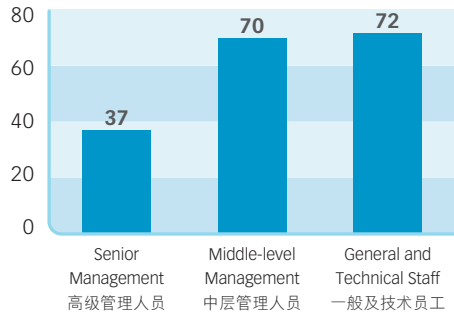
另外，我们亦会进行海外交流，邀请外部的专业机构对项目管理层及技术人员进行培训，让员工掌握行业的最新发展。我们济南项目公司的代表在「山东省城镇供排水行业职业技能竞赛」中获得冠军，这项殊荣肯定了我们团队的竞争力和素质。在报告期间，每位员工的平均培训时数为69.52小时。

Employee Key Statistics - 2017 Training and Development
员工主要数据—二零一七年培训与发展

Average Training Hours by Gender
平均培训小时按性别划分



Average Training Hours by Employee Ranking
平均培训小时按员工职级划分



Note:

(1) Figures are rounded to the nearest integer

附注：

(1) 数字调整至最接近的整数表示



Health and Safety

健康与安全

“ Incorporate **health and safety** management into daily operation
to create a **great working environment**

将**健康与安全**管理融入日常经营
从而打造**优秀的工作环境** ”

Occupational health and safety is not only part of our core corporate culture but also our sincere promise to every employee. We are committed to providing employees with a workplace free of harms and incidents, preventing them from having occupational diseases and paying attention to their work-related health problems.

本公司不但秉持职业健康与安全为我们的核心企业文化，亦视其为我们对每一位员工的庄严承诺。我们致力给员工提供无伤害及无事故的工作环境、防治职业病并关注与工作有关的健康问题。

Establish Health and Safety Management System

建立健康及安全管理体系

We fully implement and enforce the ESHS Management System to build standardised guidelines and procedures to monitor environmental, social, health and safety issues. For incident prevention, the ESHS Management System formulates a comprehensive incident report mechanism where project companies must record every incident and offer compensation. Under the system, each project company incorporates health and safety considerations into daily operations in an orderly manner.

我们全面开展和实施ESHS管理体系以此建立标准化的指引和流程监管各种环境、社会、健康及安全事宜。在预防事故方面，ESHS管理体系制定了完善事故汇报系统，规定项目公司必须记录每一宗事故及提供补偿方案。在该体系下，各项目公司有条不紊地将健康与安全因素融入到日常运营中。

Furthermore, our safety management system requires inclusion of occupational health and safety factors into suppliers' contracts to effectively extend the safety culture and policies to our supply chain. All of our operating project companies enforce the internationally approved OHSAS18001 Occupational Health and Safety Management System to ensure operational safety.

此外，我们的安全管理体系更要求把职业健康和安全隐患纳入供货商合约中，有效地将安全文化和政策延伸到我们的供应链。我们旗下所有运营项目公司推行获国际认证的OHSAS18001职业健康安全管理体系，保障运营安全。

To further promote safety culture among employees, we formulate clear safe production guidelines, to provide employees with advanced tools and personal protection equipment. We also conduct safety checks regularly.

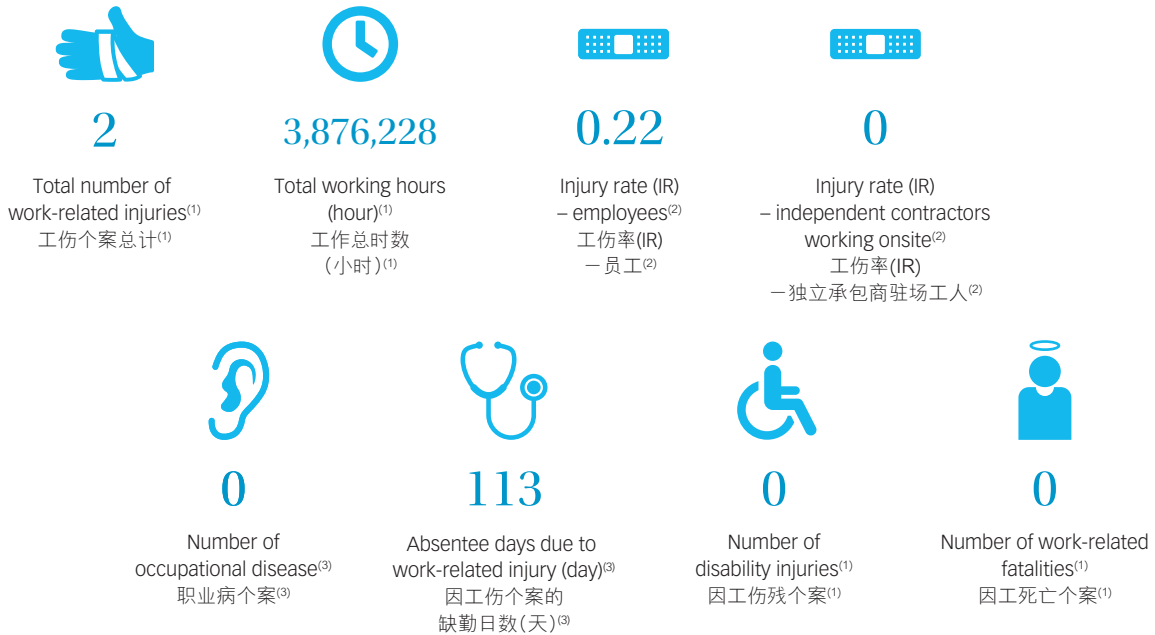
为了进一步向员工推广安全文化，我们制定明确的安全生产指引，为员工提供先进的工具和个人防护装备，并定时进行安全检查。

Emergency Planning in Project Companies

项目公司应急方案

Each project has an emergency plan to tackle accidents in 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 regular organisation of health and safety training to employees on topics including emergency planning, operational risks, first aid, laws and other relevant issues. Trainings are conducted through videos, lectures, seminars, contests, etc., with an aim of enabling employees to have a thorough understanding of safe production. The emergency plans will be evaluated regularly, and corresponding adjustments and improvements will be made based on actual needs. In addition, we have established the Employee Safeguard and Safety Fund. This fund may be used upon application when any employee encounters an incident or is diagnosed of a disease unfortunately, to help relieve the financial burden of the employee's family.

我们的每个项目皆设有应急预案，以应对项目生命周期中不同阶段所遇到突发事宜。该方案由项目安全管理团队执行，为项目公司和邻近社区的安全管理把关。该团队亦负责定期为员工举行健康与安全培训，主题包括紧急应变规划、运营操作危害、急救、法律及其他相关议题。培训形式包括影片、讲座、座谈会及比赛等，务求令员工充分掌握安全生产知识。应急方案将按评估机制定期按照实际需要作出相应的调整及改进。此外，我们还设立了员工保障及安全基金，在员工不幸遭遇事故或疾病时，可以申领基金作为支持，帮助员工家庭缓解经济压力。



Notes:

- (1) Includes employees of Everbright Water and independent contractors working onsite such as cleaning, security staff, etc.
- (2) Injury rate (IR) = (Total number of work-related injuries / Total working hours) × 200,000; figures are rounded to two decimal places
- (3) Includes employees of Everbright Water only

附注：

- (1) 包括光大水务员工和独立承包商的项目驻场工人，如清洁、保安等工作人员
- (2) 工伤率(IR) = (工伤个案总计 / 工作总时数) × 200,000；数字调整至最接近的小数点后两位表示
- (3) 仅包括光大水务员工

CASE STORY

个案分享

Xinyi Project Company Organised Trainings and Drills on Fire Prevention 新沂项目公司开展消防知识培训及演练

In order to increase awareness of fire prevention and enhance the related skills of all employees, our project company in Xinyi organised trainings on fire prevention and fire drills for all employees. The trainings were provided by safety specialists and main topics included fundamental knowledge on fire prevention and safety, fire extinguishing measures, means of escape, category and usage of safe fire prevention equipment, etc. Different departments of the project company took turns for drills and were supervised by the department heads, who monitored and corrected the improper practices, so as to “let everyone participate and understand, prevent all major and minor accidents”. We know that a combination of trainings and practical drills would be more effective than theoretical lectures alone, as employees could gain deeper understandings.

为加强全体员工消防意识，增强消防实战能力，我们的新沂项目公司组织全体员工进行了消防知识培训和消防实战演练。消防知识培训由安全专员主讲，主要内容包括消防安全基础知识、火灾扑救措施及逃生方法、安全防火器材的种类和使用方法等。随后开展的演练以部门为单位，轮流演习，部门负责人监督检查，操作不当随时纠正，力争做到「人人参与人人会，大事小情会预防」。我们深明知识培训和演习的有机结合，比纯粹纸上谈兵式更有效，能够让员工得到更深刻的体会。

Giving back to the community
is an integral part of

Our Corporate Culture

致力回馈社会，植根企业文化



Devotion to Charity, Promotion of Environmental Protection

Everbright Water believes that corporate development is closely related to social responsibility. Therefore, we always care about local communities and actively take part in charitable activities, so as to give back to society by taking up social responsibility. We create a generous atmosphere in our enterprise, with a hope that our spirit of mutual support can extend to local communities and thereby pass on hope. To further improve our Company's transparency and enable stakeholders to witness sustainability practices in waste water treatment, the Company co-organises various kinds of public education events with different environment technology associations and government organisations. Aiming at mutual growth with local communities, an interactive platform is built for stakeholders.

Technological and Environmental Education

As a leading enterprise in the green industry, not only does Everbright Water aim to construct more and greener projects for the society, but also it creates prerequisites to promote green lifestyle.

Hence, the Company emphasises environmental education, and invests resources, specialists and technology to educate the public about environmental protection. Our business integrates features of environmental protection industry and diligently implements the requirements set out in the "National Scientific Literacy Action Plan" and "Science Popularisation Infrastructure Development Plan". We built a sound platform for the public to learn environmental protection knowledge and skills, increase environmental protection awareness, and carry out environmental protection practice. During the Reporting Period, our project companies in different provinces took part in various environmental and technological activities at the national level, such as National Science Popularisation Day and World Water Day.



热心公益，宣扬环保

光大水务坚信业务发展与承担社会责任有着密不可分的关系，故此我们一直切身关怀社区并积极参与公益活动，务求做好社会责任以回馈社群。我们于企业内部建立乐善好施的气氛，盼望彼此守望的精神延展至社区，把希望传递。为进一步提升本公司的透明度，并让持份者见证可持续发展理念在污水处理等环保领域的实践，本公司与多个环保和科技协会以及政府机构合作举办不同类型的公众教育活动，为持份者建立交流的平台，旨在与社区共同成长。

科技及环保教育

作为绿色行业领军企业，光大水务不仅要为社会建设更多更环保的绿色项目，更要为推动生活方式绿色化创造条件，因此本公司

非常重视环保教育的工作，并投放我们的资源、人才科技去教育大众环保相关议题。我们的业务结合环保行业特点，认真贯彻落实《全民科学素质行动计划纲要》和《科普基础设施发展规划》要求，为社会大众搭建了学习环保知识、提高环保意识、掌握环保技能、开展环保实践的良好平台。在报告期间，我们位于不同省份的项目公司参与了不同的全国性环保科技活动，如「全国科普日」和「世界水日」。



We have been keen on sharing our expertise and experience with the society, thus we welcome local and foreign visitors, teachers and students from various education institutions, as well as people from all social circles to visit our projects and exchange ideas. Our project company in Ji'nan was selected as "Three-Star Science Popularisation Education Base of Ji'nan City" during the Science Popularisation Meeting in 2017. It is a recognition of our efforts in improving science popularisation education resources and our determination in serving the society. As the pioneer of Shandong waste water treatment industry, the Ji'nan project company organised various science popularisation promotion activities, which were highly recognised by people from all walks of life. Also, our project company in Dezhou was selected as the "Environmental Education Base of the City", which demonstrated our willingness to shoulder the responsibility of educating the next generation on environmental protection, our activeness in establishing connections between the Company and the society, and indicated the long-term and wide recognition by the public of our environmental education efforts. Apart from that, our project company in Zhangqiu organised seminars for local primary schools, secondary schools and higher education institutions, to promote environmental protection, water resources conservation, and waste water treatment concepts. During the Reporting Period, over 20,000 visitors visited our environmental water projects.

我们一直乐于向社会分享我们的专业技术和经验，故此我们欢迎国内外访客、不同院校的师生，及社会各界人士到我们的项目进行考察及交流。我们的济南项目公司在二零一七年济南市科普工作会议上被评为「济南市三星级科普教育基地」，肯定了我们致力优化科普教育资源，并积极服务社会的决心。作为山东省污水处理行业的排头兵，济南项目公司开展丰富多彩的科普宣传活动，受到社会各界的一致好评。此外，德州项目公司获「市级环境教育基地」称号，表明了我们肩负起教育下一代有关环境保护的责任，积极建立公司及社会的联系，并显示出社会大众对我们环境教育的广泛和长期认可。章丘项目公司亦举办讲座，为本地小学、中学、高等教育学府宣传环境保护、水资源保护，及污水处理的概念。于报告期间内，逾20,000名访客参观了我们的环保水务项目。



Philanthropy and Community Care

Through different types of community activities, such as fund raising, visits, and environmental protection promotion events, Everbright Water strives to encourage employees to participate in various philanthropy and community care activities. We actively utilise our resources in education, poverty alleviation, and caring for vulnerable groups, and firmly fulfill our corporate social responsibility. During the Reporting Period, we undertook a total of 1,426 hours for volunteer work.

公益与社区关怀

透过不同范畴的公益活动，例如筹款、探访、环境保护的宣传活动等，光大水务致力推动员工身体力行参与各项慈善及社区关怀活动。不论在教育、扶贫以及关怀弱势群体方面，我们均积极投放资源，坚持履行社会责任。在报告期间，我们的义工总时数为1,426小时。

“Qionglong Mountain – Walking Gesang Flower” Fund Raising Walkathon

During the year, our project company in Suzhou participated the “Qionglong Mountain – Walking Gesang Flower” walkathon to raise funds for the Gesang Flower Western Development Camp Project. Through our employee’s concrete actions, we increased the awareness on poverty alleviation issues and provided support to the community, fostering a community caring atmosphere. The purpose of the activity was to help students from underprivileged areas in Western China to broaden their horizons.

“Love Spring City, Drive in a Civilised Way”

To connect with neighbouring communities and contribute to the society, our project in Ji’nan volunteered in “Love Spring City, Drive in a Civilised Way” initiative and lent a helping hand to regulate traffic as traffic wardens, creating a better and safer driving environment for the Spring City. Our employees managed the traffic and fulfilled the duty of a civilised organisation. This volunteering activity to become traffic wardens depicted Everbright Water’s image of a responsible enterprise and willingness to contribute to the society.

“Targeted Poverty Alleviation Donation” Activity

Upholding the philanthropy principle of “helping the poor, caring the elderly, saving the orphans, assisting disaster rescue and improving access to education”, our project company in Zhangqiu organised a fund-raising activity, in response to Zhangqiu government’s “Targeted Poverty Alleviation Donation” initiative, to help the poor to eliminate their burdens. This activity aims to alleviate poverty of the farmers living in rural areas of China through financial donations, and to improve their quality of life. This activity demonstrated Everbright Water’s selfless contribution to the society.

「穹窿山·行走的格桑花」公益徒步活动

我们苏州项目公司的员工于年内参加了「穹窿山·行走的格桑花」徒步公益活动，为格桑花西部拓展营项目筹款。员工通过「因善而行」的实际行动，提高了对扶贫议题的关注和对公益的支持，营造了浓厚的公益氛围。活动目的为帮助中国西部贫困地区的学生走出家乡开阔眼界。

「我爱泉城，文明出行」

为从更多方面参与周边群体，为社会做出贡献，济南项目参与了「我爱泉城，文明出行」的倡议，化身成为交通管制员协助维持交通秩序，为泉城市民建设更加良好的交通环境。员工参与劝导不文明交通违法行为的工作，切实履行了文明单位职责。此次文明交通志愿服务活动充分展示了光大水务勇担责任和奉献社会的良好形象。

「精准扶贫慈善捐款」活动

秉承「扶危济困、安老救孤、赈灾助医、兴善助学」的慈善宗旨，我们的章丘项目公司举行了捐款活动，从而响应章丘区政府「精准扶贫慈善捐款」活动的倡议，务求努力为帮扶对象办实事、办好事、解难事。活动旨在通过资金捐助的形式帮助国内山区农户摆脱贫穷，改善生活素质。此举展现了光大水务具有无私奉献的良好风貌。



Blood Donation Activity

In response to Shandong Provincial Blood Donation Authority's emergency call on blood donation, our employees from Ji'nan project company participated in the blood donation to care and love. It demonstrates our care towards local communities, and is a succession of Everbright Water's spirit on caring, serving and contributing to society.

献血公益活动

为响应山东省献血办关于启动应急爱心血库的号召，我们的济南项目公司员工积极参加献血公益活动，在献出血液同时，更重要的是把祝福传递开去，体现了我们对当地社区满满的关怀，并大力传承光大水务关爱、服务群众、奉献社会的企业精神。



"Double Outreaching and Promotion" Activity

Our project company in Lianyungang actively carried out poverty alleviation activities, and visited local residents and farmers. We delivered supplies to and communicated with the farmers to understand their living conditions. Through communication with the farming households, we assisted them in embracing better protection in their life by joining critical illness insurance plans. We also recorded the farming household's demands in our visit reports, and reported to local authorities to facilitate the long-term planning.

「双进双促」走访

我们的连云港项目公司积极开展扶贫帮困工作，实地走访了居民和农户。我们送上慰问品之余，更与部分困难农户进行深入交谈，从而了解其生活状况。透过互相交流，我们不但指导帮助农户参保大病特惠保等以加强其生活保障，更按照困难群众的要求认真填写了走访调研表，上报当地部门，做长远策划之用。

National Science Popularisation Day Activity

Our Ji'nan project company, invited by Ji'nan Association for Science and Technology, participated in the National Science Popularisation Day Promotion Activity 2017, to explain waste water treatment and sludge treatment process to the general public. In response to "Innovation Drives Development, Science Propels Ignorant Thoughts", which was the theme of the Science Popularisation Day, the project company displayed samples of effluent, drinking water and sludge at the booth, and assigned staff to explain to the citizens. The Science Popularisation activity provided a platform to foster communications between Everbright Water and the general public, enabling our project company in Ji'nan to enhance its role as the science popularisation education base and environmental education base. Through advanced technology and higher standards for discharge water, we strive to fulfil our corporate social responsibility and drive the development of the industry and the connection with the society.

全国科普日活动

我们的济南项目公司应济南市科学技术协会邀请，参加了在二零一七年全国科普日科普宣传活动，希望使广大市民更深刻地了解污水处理及污泥处理流程。配合本次科普日「创新驱动发展，科学破除愚昧」的主题，项目公司特准备进出水样、直饮水样及泥样在现场直观展示，并由专业讲解员为市民做相关介绍。此次科普活动为光大水务与广大市民零距离沟通提供了良好的平台，而济南项目公司将以此为契机，持续强化科普教育基地和环保教育基地的建设。通过更先进的处理技术以及更高标准的出水水质，我们致力践行企业社会责任，务求推动行业发展及与社会的联系。

First Environmental Protection Open Day of Dalian City

Our Siergou Waste Water Treatment Plant was selected as the most popular facility for visits on the first Environmental Protection Open Day of Dalian City, and was the first stop for visits during the activity. Corresponding to the theme “Love Dalian, Love Clear Water and Blue Sky”, the waste water treatment plant was opened for visits, attracting visitors from local residents, environmental groups and media. Over 80 participants witnessed municipal waste water treatment process, which turned polluted waters into clear effluents. Our employees also introduced Everbright Water’s and Siergou Project’s waste water treatment process to the visitors, and explained the detailed production process, effluent quality and equipment operation status.

The visitors responded enthusiastically at the seminar held after the visit, acknowledging that Siergou Waste Water Treatment Plant’s beautiful environment, advanced technology, strict management, clean effluents and Everbright Water’s outstanding corporate culture have changed the public impression of waste water treatment plants. This activity not only increased the transparency of the Company, but also served as a platform for citizens to understand waste water treatment process and plant operation and gain a deeper understanding of the Company’s operation nature and environmental contribution.

大连市首届环保开放日

我们的寺儿沟污水处理厂在首届大连市环保公众开放日活动中被大连市民投票选为最想参观的地方，在大连市社会各界积极响应下成为此次环保公众开放日的首站。承接「爱我大连、爱我碧水蓝天」的活动主题，污水处理厂开放给公众进行实地考察体验，吸引了来自本地居民、环保组织及媒体的访客前来参观设施，让80余位参加者零距离目睹了市政污水由浊变清的全过程。我们的员工亦在场向访客详细介绍了光大水务及寺儿沟项目的生产运行与管理情况，并解释了生产工艺、出水水质及设备运行等细节。

参观结束后市民于座谈会中反应热烈，纷纷表示寺儿沟污水处理厂优美的环境、先进的工艺、严格的管理、清澈的出水和光大水务优秀的企业文化彻底颠覆了一般印象中污水处理厂的印象。活动除了增加本公司的透明度外，更成为互动的平台有助市民认识污水处理过程及工厂运作，并对本公司的企业运营性质和对环境作出的贡献有更深入的了解。



Major Science, Technology and Environmental Education Activities in 2017

二零一七年主要科技及环保教育活动

Partnering Organisation 绿色伙伴	Activity 活动
E20 Environmental Platform E20环境平台	Selected as China's Top 10 Influential Water Business Corporation in 2017 获选为二零一七年度中国水业十大影响力企业
Ji'nan Association for Science & Technology ("JAST") 济南市科学技术协会	Attended JAST Enterprise Unit Annual Work Conference in March 2017 and the general meeting of JAST 二零一七年三月参加济南市科协企业部年度工作会议，并参加市科协全委会
City Development and Management Association of Shandong Province, Urban Water Supply and Drainage Branch 山东省城市建设管理协会城镇供排水分会	Assisted in organising the 8th Province-wide Waste Water Treatment Plant Operators Training 协助承办第八期全省污水厂操作工培训
City Development and Management Association of Shandong Province 山东省城市建设管理协会	Participated in Province-wide City Waste Water Treatment Plant Operators Training (Ji'nan) in April 2017; Participated in Province Municipal Water Supply and Drainage Industry Occupational Skills Competition in August 2017 二零一七年四月参加全省城市污水处理厂运行操作人员（济南）培训班； 二零一七年八月参加省城镇供排水行业职业技能竞赛
Ji'nan Urban Water Supply and Drainage Association 济南市城镇供水排水协会	Attended the general meeting & "Five Good Facilities" project in August 2017 二零一七年八月参加市水协全委会及「五好设备」工作
Wuxi Public Utility Association, Water Drainage Branch 无锡市市政公用协会排水分会	Attended 2nd Council 5th Meeting on 16 May 2017 二零一七年五月十六日参加二届五次理事会
Explosive Chemicals Association 易制爆化学品协会	Attended meeting in December 2017 二零一七年十二月参加会议
Kunshan Environmental Protection Industry Association 昆山环保产业协会	Attended regular annual meeting 每年定期参加年会
Jiangsu Environmental Protection Federation 江苏省环保联合会	Attended regular annual meeting 每年定期参加年会
Suzhou Environmental Protection Federation 苏州市环境保护联合会	Attended general meeting in May 2017 二零一七年五月参加会员大会
Lianyungang Water Supply and Drainage Association 连云港市给排水协会	Attended regular annual meeting 每年定期召开年会
Yangzhou Water Supply and Drainage Association 扬州市给排水协会	Attended Mine Safety Training in October 2017 二零一七年十月参加井下安全培训

Total contributions to the Partnering Organisations in 2017: RMB169,000

二零一七对伙伴的总经济贡献：169,000人民币



可持续发展目标

The Sustainable Development Goals (“SDGs”) are a series of United Nations’ (“UN”) international development goals aiming at improving the three dimensions of development issues – social, economic and environmental – in an integrated approach from 2015 to 2030, moving towards a path of sustainable development by creating a fairer and a more environmentally friendly world with all countries.

可持续发展目标（「可持续发展目标」）是联合国（「联合国」）的一系列国际发展目标，旨在从二零一五年到二零三零年间以综合方式改善社会、经济和环境三个维度的发展问题，转向可持续发展的道路，与各国一同创造一个更公平、更环保的世界。

Everbright Water’s main business focuses on environmental water services and aquatic ecosystem restoration, which helps alleviate the water resources crisis. Overall, the Company’s vision is aligned with the UNSDGs. We will continue to play a proactive role in implementing various SDGs through development of environmental protection projects, proper control of discharges, and organisation of volunteering events and poverty alleviation activities.

光大水务的主要业务是水环境治理与水生态系统修复，从而协助缓解水资源危机。总体而言，我们公司的愿景与联合国可持续发展目标是相一致的。我们将继续积极建设环保项目、妥善管理排放，并透过开展志愿活动和扶贫等具体行动参与各项可持续发展目标的落实。

The summary below depicts how our activities connect with the 17 SDGs.

以下概要描述了我们的活动如何与17个可持续发展目标相关联。



No Poverty
无贫穷

End poverty in all its forms everywhere
在全世界消除一切形式的贫困

We regularly organise donation activities such as “Daily Donation for Care” and “Daily Donation for Love”, providing scholarship to the needy students and financial assistance to the underprivileged families.

我们定期举办筹款活动例如「筹款献关怀」和「筹款传爱心」，为贫苦学生提供奖学金和为贫苦家庭提供财务援助。



Zero Hunger
零饥饿

End hunger, achieve food security and improved nutrition and promote sustainable agriculture
消除饥饿，实现粮食安全，改善营养状况和促进可持续农业

Our sludge produced from waste water treatment process can be utilised to produce compost for agricultural use. This helps farmers reduce their reliance on chemical fertilisers. In 2017, a total of approximately 698,000 tonnes of sludge generated from our projects were recycled.

我们对污水处理过程中产生的污泥加以利用制成堆肥供农业使用，从而减轻农民对化学肥料的依赖。二零一七年间，约698,000吨项目中产生的污泥被再生利用。



Good Health and Well-being
良好健康与福祉

Ensure healthy lives and promote well-being for all at all ages
确保健康的生活方式，促进各年龄段人群的福祉

We hold safety and health as one of our core values. Apart from implementing stringent health and safety guidelines, we also provide medical check-ups and occupational disease surveillance to safeguard all of our employees' health. In 2017, 2 cases of work-related injury were reported.

我们拥护健康与安全作为我们的核心价值之一。除了执行严谨的健康与安全指引外，我们亦会提供医疗检查并监测职业病，从而保障所有员工的健康。二零一七年间，我们录得2宗工伤个案。



Quality Education
优质教育

Ensure inclusive and equitable quality education and promote lifelong learning for all
确保包容和公平的优质教育，让全民终身享有学习机会

We proactively organise educational programmes and public visits to our project facilities, offering every individual with opportunities to understand how environmental facilities tackle pollution and improve the living environment of the communities. We received more than 20,000 visitors in 2017.

我们积极筹办教育活动并开放项目设施供公众参观，为公众提供机会了解环保设施如何应对污染及改善社区的居住环境。我们于二零一七年共接待了超过20,000名访客。



Gender Equality
性别平等

Achieve gender equality and empower all women and girls
实现性别平等，增强所有妇女和女童的权能

We ensure that our human resources management structure, including compensation, training opportunity and career prospect, is not gender biased, in order to achieve gender equality.

我们确保我们的人力资源管理架构，如薪酬水平、培训机会及就业前景等不受性别影响，从而实现性别平等。



Clean Water and Sanitation
清洁食水与卫生设施

Ensure access to water and sanitation for all
为所有人提供水和环境卫生并对其进行可持续管理

We help prevent water pollution by turning waste water into water that complies with relevant environmental regulations. The treated water can be used by downstream communities. We purified a total of about 1,187,615,000 m³ of waste water in 2017.

我们将污水转化为符合环保法规的水源，供下游社区使用，从而防止水源污染。我们于二零一七年共净化了约1,187,615,000立方米的污水。



Affordable and Clean Energy
经济适用的清洁能源

Ensure access to affordable, reliable, sustainable and modern energy for all
确保人人获得负担得起的、可靠和可持续的现代能源

Our waste water source heat pump projects offer energy-efficient heating and cooling services for homes by utilising thermal energy abstracted from waste water. In 2017, approximately 600 households and 250 departmental units were benefited from our heating and cooling systems.
我们的污水源热泵项目从污水中抽取热能为住户提供高效能的供暖及制冷服务。于二零一七年，约600户家庭和250个社科单位受惠于我们的供热供冷系统。



Decent Work and Economic Growth
体面工作和经济增长

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
促进包容和可持续经济增长，促进充分的生产性就业和人人获得体面工作

Most of our projects are located in suburb areas, thus our operations can foster local economic development through offering of job opportunities and improve infrastructure services.
我们大部分的项目位于市郊地区，因此我们的营运可以提供当地就业机会及改善基础设施，从而推动当地经济发展。



Industry, Innovation and Infrastructure
产业、创新和基础设施

Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation
建造具备抵御灾害能力的基础设施，促进具有包容性的可持续工业化，推动创新

We leverage our strong research and development capabilities to maintain stable operation of our projects and achieve positive outcomes. For instance, our effective facility maintenance programme has reduced the number of unscheduled shutdown due to internal reasons to 0.
我们借助强大的研发实力维持项目的稳定运行和实现建设性的成果。例如，我们有效的设施维修计划使因内部原因引致的非计划停运事件减少至0宗。

We are currently constructing our first fully underground waste water treatment project. The innovative approach offers good opportunities to release valuable land resources for beneficial uses to the community.
我们目前正在兴建本公司第一个全地下式污水处理项目。该创新设计节省了宝贵的土地资源，令土地得以用在有益于社区的用途。



Reduced Inequalities
减少不平等

Reduce inequality within and among countries
减少国家内部和国家之间的不平等

We pay special attention in adopting methods to ensure that our operations do not affect the dignity, rights, livelihood, or culture of indigenous people. The local ethnic minorities can be benefited equally as the Han majority from the environment water management services provided by us.
我们特别关注采取措施以确保营运不会影响原住民族的尊严、权利、生计或文化。当地少数民族与汉族能够同等受惠于我们提供的水环境治理服务。



Sustainable Cities and Communities
可持续城市与社区

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

建设包容、安全、有抵御灾害能力和可持续的城市和人类住区

Our sponge city projects improve cities' ability to absorb, store, infiltrate and purify rainwater for more effective drainage and rainwater reuse, thus reducing pollution and enhancing the flood resilience level of the city. The total land and surface water catchment of our Zhenjiang Sponge City Construction PPP Project amounts to approximately 33.5 km² in total.

我们的海绵城市项目改善城市的吸水、储水、渗水、净水能力，更有效疏导和回用雨水，从而降低污染及提高城市的耐洪能力。目前我们的镇江海绵城市建设PPP项目的陆地和水域覆盖范围共约33.5平方公里。



Responsible Consumption and Production
负责任消费与生产

Ensure sustainable consumption and production patterns

采用可持续的消费和生产模式

Sludge is an unavoidable by-product of waste water treatment. We minimise our environmental impact by arranging professional third parties to turn sludge into useful materials for the production of compost, brick, or energy via incineration. In 2017, a total of approximately 698,000 tonnes of sludge generated from our projects were recycled.

污泥是污水处理过程中必然产生的副产品。我们安排第三方专业机构把污泥回收并再加工成为堆肥、砖头，或用作焚烧发电的原材料，从而减低环境影响。二零一七年间，共约698,000吨项目中产生的污泥被再生利用。



Climate Action
气候行动

Take urgent action to combat climate change and its impacts

采取紧急行动应对气候变化及其影响

We develop and operate waste water treatment facilities that are effective and climate-resilient, thus safeguarding the quality of water essential for agriculture, domestic and industrial use. The number of unscheduled shutdown due to internal reasons was 0 in 2017.

我们发展及运营有效且适应各类气候的污水处理设施，从而保障农业、家居和工业的用水水质。于二零一七年，我们因内部原因引致的非计划停运事件记录为0宗。



Life below Water
水下生物

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

保护和可持续利用海洋和海洋资源以促进可持续发展

Through a series of waste water interception and river ecological restoration works, we have rehabilitated polluted urban rivers and revitalised fresh water ecosystems. At present, our river ecological restoration works under construction and in preparatory stage are 19.0 km in length.

透过一系列的污水截污及河道生态治理工程，我们修复了受污染的城市河道，并恢复了水体中的生态。目前，我们处于建造及筹备阶段的河道生态治理工程共长19.0公里。



Life on Land
陆地生物

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse degradation and halt biodiversity loss
保护、恢复和促进可持续利用陆地生态系统，可持续管理森林，防治荒漠化，制止和扭转土地退化，遏制生物多样性的丧失

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

我们的综合河道治理项目改善河道生态系统的健康，当中包括河岸栖息地。目前我们处于建造及筹备阶段的河道生态治理工程将保育3.58平方公里的河岸栖息地。



Peace, Justice and Strong Institutions
和平、正义与强大机构

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effect, accountable and inclusive institutions at all levels
创建和平、包容的社会以促进可持续发展，让所有人都能诉诸司法，在各级建立有效、负责和包容的机构

We strive to promote a peaceful and inclusive working environment. Our "Code of Conduct" and "Compliance Manual" prohibit issues such as corruption, bribery, conflict of interest and discrimination within our working environment. In 2017, the Company was not aware of any non-compliance with relevant laws and regulations that had a significant impact on us relating to anti-corruption.

我们致力于创建和平及包容的工作环境。我们的「操守守则」和「合规手册」禁止公司内部出现贪污、受贿、利益冲突和歧视等议题。于二零一七年，在反腐败领域，本公司并未知悉任何对本集团有重大影响的违法违规行为。



Partnerships for the Goals
促进目标实现的伙伴关系

Strengthen the means of implementation and revitalise the global partnership for sustainable development
加强执行手段，重振可持续发展全球伙伴关系

We have been cooperating with international institutions, such as IFC, to promote sustainable development by ensuring that our operations can meet their standards and guidelines.

我们一直和IFC等国际机构合作，并确保我们的营运符合它们的标准及指引，从而促进可持续发展。

As the Chinese government rolled out multiple major policies and emphasised ecological civilisation as a national development strategy, the overview of sustainable development has brought various development opportunities to the environmental industry. The policies efficiently target water environmental issues in different regions and of different types, create more development opportunities in rural waste water treatment and sponge city areas, establish the industrial trend of integrating and expanding the value chain towards the downstream users, and unleash enormous potential to the industry. As an enterprise focusing on integrated water environment management, Everbright Water insists in driving development with technology, continuously increases the competence of its core technologies, and forges its brand in the water environmental technology field.

Looking forward, the Company will continue to utilise its rich experience and corporate culture that strives for continual improvement, actively grasp business opportunities in different areas, expand its value chain, and further enlarges the spaces for development. Through acquisition of advanced technology, ideologies and high-end technical expertise, Everbright Water strives to promote academic-industrial collaboration with foreign and local institutions and improve its technical capabilities with talent and technology systems. We are also devoted to accumulating investment, construction, operation and cooperation experience in PPP projects in order to solidify our market position. We will also follow closely the national water environment management policies to explore new business areas and models to improve business diversification.

2018 Targets

Establishing forward-looking targets can set a solid foundation for Everbright Water's sustainable development, and lead the entire corporate towards the same direction. Based on the Company's economic, environmental and social impacts and the stakeholders' concerned areas, we have set a series of major targets for 2018:




随着中国政府出台多项重大政策，不断加强生态文明建设的国家战略地位，可持续发展的宏观定调基础给环保行业带来发展机会。多项政策更有针对性地应对不同地域、不同类型的水环境问题，为水环境治理行业打开了农村污水处理、海绵城市建设等更多的发展空间，亦勾勒出该行业产业链不断向上下游延伸、整合的发展大势，向行业注入了更多活力和巨大潜力。作为专注于水环境综合治理的企业，光大水务坚持以技术引领发展，不断提升核心技术竞争力，打造自身在水环境治理技术领域的品牌。

展望未来，本公司将继续秉持丰富的业务经验以及精益求精的业务作风，积极把握更多不同领域的业务机会，拓宽业务链，进一步打开发展空间。透过引进先进技术、理念以及高层次技术人才，光大水务致力推进国内外产学研合作，以人才和技术两大体系增强技术实力。我们同时积极积累PPP项目的投资、建设、运营及合作经验，从而强化市场地位，并紧跟国家水环境治理政策探索新业务领域及模式，提升业务多元化水平。

二零一八年目标

设定具前瞻性的目标能够为光大水务的可持续发展建立稳健的基础，并引领企业上下迈步前进。我们根据本公司在经济、环境和社会方面的重大影响以及持份者的关注事项订立了二零一八年有关可持续发展的主要目标：

Economic – Creating Economic Value for Shareholders

-  Economic Performance
 Create long-term and sustainable economic growth
-  Market Presence
 Maintain the leading position in the water environment management industry
-  Procurement Practices
 Collaborate closely with our contractors and suppliers to drive improvements




Environment – Becoming an Environmentally Responsible Enterprise

-  Materials and Resources Usage
 Reduce resource consumption through efficiency enhancement
-  Waste Water Treatment and Sludge Treatment and Disposal
 Provide high-quality water environment management services and minimise our operational impacts to the environment
-  Environmental Compliance
 Follow the principle of “Maintaining Stable Operations and Ensuring Compliant Discharge” and ensure our operations comply with legal requirements




Social – Safeguarding the Health and Safety of Employees and Undertake Corporate Social Responsibility

-  Health and Safety
 Incorporate health and safety management into daily operation to create a great working environment
-  Employee Training and Development
 Develop a strong foothold in talent acquisition and employee retention
-  Employee Welfare and Protection
 Safeguard the Company’s talent during their career at the Company
-  Environmental Education
 Spreading environmental protection information to the Public





经济 – 为股东创造经济价值

-  经济绩效
 创造长远及可持续的经济增长
-  市场表现
 维持在水环境综合治理行业的领先地位
-  采购实务
 与供应商和承包商紧密合作以提升质量水平

环境 – 成为具有环境担当的企业

-  物料及资源利用
 透过提升生产效率从而减低资源消耗
-  污水处理及污泥处理处置
 提供高质素的水环境综合治理服务，将运营的环境影响减至最低
-  环保合规
 秉承「稳定运行、达标排放」的原则并确保我们的运营符合法律要求

社会 – 保障我们员工的健康与安全并承担企业社会责任

-  健康与安全
 将健康与安全管理融入日常经营从而打造优秀的工作环境
-  员工培训及发展
 招募并保留人才，建立人才高地
-  员工福利及保障
 为人才在公司的发展提供妥善保障
-  环保教育
 不遗余力向大众推行环保教育

Everbright Water's project companies have been accorded with various prizes and awards in recognition of their activities. Some of the awards and prizes are shown below.

光大水务旗下项目公司所开展的活动荣获各类奖项。以下将对部分奖项进行介绍。

Project Company 项目公司	Name of Recognition 殊荣名称
Jiangyin Waste Water Treatment Project 江阴污水处理项目	Outstanding Enterprise in Ecological Civilisation and Environmental Protection 2016 二零一六年度生态文明建设暨环境保护先进企业 Outstanding Integrated Waste Water Treatment Plant 2016 二零一六年度优秀城镇综合污水处理厂 Outstanding Unit in Civilised Services 2016 二零一六年度文明服务优质单位 Environmental Protection Demonstration Enterprise 2016 二零一六年度绿色环保示范企业
Yangzhou Jiangdu Development Zone Waste Water Treatment Project 扬州江都开发区污水处理项目	Safe Production Unit 安全生产先进单位
Zhenjiang Sponge City Construction PPP Project 镇江海绵城市建设PPP项目	Included in the Second Batch of the PPP Demonstration Projects by NDRC 入选国家发展改革委第二批PPP项目典型案例 Included in the "PPP Demonstration Case Studies Collection" issued by the Public-Private Partnership Centre under the Ministry of Finance of the PRC 入选财政部政府和社会资本合作中心《PPP示范项目案例选编》
Lianyungang Waste Water Treatment Project 连云港污水处理项目	Champion in Lianyungang Waste Water Treatment Industry Occupational Skills Competition 连云港市污水处理行业职工职业技能竞赛第一名
Xinyi Waste Water Treatment Project 新沂污水处理项目	Provincial Waste Water Treatment Demonstration Project 2017 二零一七年度省级水治理示范项目
Suzhou Waste Water Treatment Project 苏州污水处理项目	Leading Enterprise in Energy Efficiency and Emission Reduction 2016 二零一六年度节能减排先进企业 Leading Unit in Environmental Protection 2016 二零一六年度环境保护工作先进集体 Outstanding Enterprise in Environmental Protection 2016 二零一六年度环境保护工作成绩突出企业
Dalian Waste Water Treatment Project 大连污水处理项目	Dalian City Top 10 Environmental Friendly Enterprises 2016 二零一六「大连市十佳环境友好企业」 Dalian City Leading Enterprise in Environmental Education 2016-2017 二零一六至二零一七年「大连市环境宣传教育工作先进集体」称号

Project Company 项目公司	Name of Recognition 殊荣名称
Zibo Waste Water Treatment Project 淄博污水处理项目	Zibo High-tech Zone Outstanding Unit in Financial Contribution 淄博高新区财政贡献先进单位 Boxing County Economic Development Zone Outstanding Enterprise 2017 二零一七年度博兴县经济开发区先进单位
Ji'nan Waste Water Treatment Project 济南污水处理项目	Ji'nan City Science and Technology Award 济南市科学技术奖证书 Outstanding Organisation in Municipal Water Supply and Drainage Industry – Equipment Category 2017 二零一七年度城镇供水排水行业设备评比优秀组织 Ji'nan City Golden Cup Demonstration Project 济南市市政金杯示范工程
Dezhou Waste Water Treatment Project 德州污水处理项目	Dezhou City Level Environmental Education Base 德州市级环境教育基地 Outstanding Housing and Construction Organisation 2016 二零一六年度住建系统先进集体 Lingcheng Area Outstanding Enterprise in Philanthropy 2016 二零一六年度陵城区热心慈善事业先进企业
Sanmenxia Waste Water Treatment Project 三门峡污水处理项目	Outstanding Enterprise in Project Construction 2016 二零一六年度项目建设先进单位 Outstanding Enterprise in Environmental Protection 2017 二零一七年度环境治理工作先进单位
Beijing Daxing Tiantanghe Waste Water Treatment Project 北京大兴区天堂河污水处理项目	Golden Award of Beijing Municipal Infrastructure Structural Engineering Great Wall Cup 2016 二零一六年度北京市市政基础设施结构长城杯工程金质奖



VERIFICATION STATEMENT

Scope and Objective

Hong Kong Quality Assurance Agency ("HKQAA") has been engaged by China Everbright Water Limited ("Everbright Water") to undertake an independent verification for its Sustainability Report 2017 ("the Report").

The scope of HKQAA's verification covers the data and information associating to Everbright Water's sustainability performance for the period from 1st January 2017 to 31st December 2017, as defined in the Report.

The objective of this verification is to provide reasonable assurance of the data and information disclosed in the Report to confirm their accuracy, reliability and objectivity.

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 in accordance with the standard for the purpose of devising the verification conclusion. The extent of this verification process was provided for the Comprehensive Option of the Global Reporting Initiative Sustainability Reporting Standards (GRI Standards) and the criteria set in the Environmental, Social and Governance Reporting Guide ("ESG Guide") of The Stock Exchange of Hong Kong Limited.

The verification procedure covered reviewing relevant documentation, interviewing responsible personnel with accountability for preparing the Report and verifying the selected representative sample of data and information used for preparing the Report. 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 presentation of the information in the Report. HKQAA did not involve in the collection and calculation of data in the Report or the compilation of the Report. HKQAA's verification activities are entirely independent from Everbright Water.

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 Comprehensive Option of the GRI Standards and the ESG Guide;
- The Report illustrates Everbright Water's sustainability performance, with respect to the material aspects identified, in a balanced, comparable, clear and timely manner; and
- The data and information disclosed in the Report are reliable and complete.

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
April 2018



核实声明

范围及目的

香港品质保证局获中国光大水务有限公司（「光大水务」）委托对其《二零一七年可持续发展报告》（「报告」）的内容进行独立核实。

此次核实范围涵盖报告内有关光大水务由 2017 年 1 月 1 日至 2017 年 12 月 31 日在可持续发展方面的表现资料和数据。

核实的目的是对报告内所记载之数据和资料提供合理保证，以确认有关内容的准确性、可靠性及客观性。

保证程度和核实方法

此次核实工作是依据国际审计与核证准则委员会发布的《国际核证聘用准则 3000（修订版），历史财务资料审计或审阅以外的核证聘用》执行。收集证据的程序是根据有关准则为获取合理保证以作出核实结论而制定。此外，核实过程的范围是按照全球报告倡议组织所制定的《可持续发展报告标准》的「全面」选项，亦参照香港联合交易所有限公司（「联交所」）发布的《环境、社会及管治报告指引》厘订。

核实过程包括文件资料检阅、与负责编制报告的代表面谈、选取用于编制报告而具有代表性的数据和资料进行查核，相关原始数据和支持证据亦于核实过程中经过详细审阅。

独立性

光大水务负责收集和陈述在报告内的资料。香港品质保证局不涉及收集和计算此报告内的数据或参与编撰此报告。香港品质保证局的核实过程是独立于光大水务。

结论

基于是次的核实结果，香港品质保证局对报告作出合理保证并总结：

- 报告的编制程度符合全球报告倡议组织的《可持续发展报告标准》的「全面」选项和《环境、社会及管治报告指引》；
- 报告平衡、清晰、具比较性和及时地将光大水务重要范畴的可持续发展表现阐述；
- 报告内的资料和数据可靠完整。

总体而言，此报告能如实地反映光大水务的可持续发展表现并与其具体的可持续发展情况和重要性相称。

香港品质保证局

彭文俊
制造及服务科助理总监
2018 年 4 月

Economic Performance 经济表现

		2017 HK\$'000 港币千元	2016 HK\$'000 港币千元
Direct Economic Value Generated	产生的直接经济价值		
Revenue	收入	3,591,633	2,494,037
Other income	其他收入	129,809	127,666
Share of profit of an associate	所占联营公司盈利	158	-
Economic Value Distributed	分配的经济价值		
Staff costs	员工开支	235,902	243,477
Other costs ⁽¹⁾	其他成本 ⁽¹⁾	2,316,973	1,541,681
Net finance costs	财务费用净额	228,928	197,592
Dividends	股息	77,003	53,611
Taxes ⁽²⁾	税项 ⁽²⁾	114,432	94,832
Profit attributable to non-controlling interest	非控股权益应占盈利	67,437	23,272
Charitable donations ⁽³⁾	慈善捐款 ⁽³⁾	113	201
Economic Value Retained	留存的经济价值		
Retained for Everbright Water's sustainable operation and development	留存作光大水务的可持续运营和发展	680,812	467,037

Operational Performance 运营表现

		2017	2016
Total Designed Capacity	总设计规模		
Waste water treatment (m ³ /day)	污水处理 (立方米/日)	3,815,000	3,745,000
Reusable water (m ³ /day)	中水回用 (立方米/日)	81,600	61,600
Performance ⁽⁴⁾	表现⁽⁴⁾		
Waste water treatment (m ³)	污水处理 (立方米)	1,187,615,000	1,148,279,000
COD reduction (tonne)	COD减排 (吨)	319,000	234,000
Certification	认证		
Number of ISO 9001 certificates	ISO 9001认证数目	7	7
Health and Safety	健康与安全		
Number of fatalities – employees and independent contractors working onsite	因工死亡个案 – 员工和独立承包商驻场工人	0	0
Number of disability injuries – employees and independent contractors working onsite	因工伤残个案 – 员工和独立承包商驻场工人	0	0
Injury rate (IR) – employees ⁽⁵⁾⁽⁶⁾	工伤率 (IR) – 员工 ⁽⁵⁾⁽⁶⁾	0.22	0.39
Injury rate (IR) – independent contractors working onsite ⁽⁶⁾	工伤率 (IR) – 独立承包商驻场工人 ⁽⁶⁾	0	0
Number of OHSAS 18001 certificates	OHSAS 18001认证数目	7	7

Environmental Performance 环境表现

		2017	2016
Energy Consumed ⁽⁵⁾	耗用能源⁽⁵⁾		
Biogas (GJ) ⁽⁷⁾	沼气 (吉焦) ⁽⁷⁾	150,176.12	Figures not available 没有相关数字
Non-renewable electricity (GJ)	非再生电力 (吉焦)	1,235,648.96	1,245,756.41
Total energy consumed (GJ)	总能源消耗 (吉焦)	1,385,825.08	1,245,756.41
Energy intensity (kJ/m ³)	能源强度 (千焦/立方米污水处理量)	1,276.38	1,084.89
Key Air Emissions⁽⁸⁾	主要气体排放⁽⁸⁾		
CO ₂ e (Scope 1) (tonne) ⁽⁸⁾⁽⁹⁾	二氧化碳当量 (范畴一) (吨) ⁽⁸⁾⁽⁹⁾	12,429.37	Figures not available 没有相关数字
CO ₂ e (Scope 2) (tonne) ⁽⁸⁾⁽⁹⁾	二氧化碳当量 (范畴二) (吨) ⁽⁸⁾⁽⁹⁾	257,971.75	363,387.69
CO ₂ e (Scope 3) (tonne) ⁽¹⁰⁾⁽¹¹⁾	二氧化碳当量 (范畴三) (吨) ⁽¹⁰⁾⁽¹¹⁾	241.59	Figures not available 没有相关数字
GHG intensity (kgCO ₂ e/m ³ of waste water treated)	温室气体强度 (公斤二氧化碳当量/立方米污水处理量)	0.23	0.32
Certification	认证		
Number of ISO 14001 certificates	ISO 14001认证数目	7	7

		2017	2016
Key Materials Used ⁽⁵⁾		所用主要物料 ⁽⁵⁾	
Function 用途	Material 物料	Amount (tonne) 数量 (吨)	
Adsorbent 吸附剂	Pulverised coal ash 粉煤灰	1,471.16	Figures not available 没有相关数字
	Biological treatment 生物处理	Magnetic powder 磁粉	1.83
Carbon source 碳源	Manure 粪土	557.50	Figures not available 没有相关数字
	Refined methanol 精甲醇	97.36	
	Sodium acetate 乙酸钠	11,181.53	
	Waste methanol 废甲醇	10.00	
Chemical oxidiser 化学氧化剂	Hydrogen peroxide 双氧水	3,758.79	Figures not available 没有相关数字
	Calcium hypochlorite 次氯酸钙	2,773.12	1,048.28
Coagulant & flocculant 凝结剂及絮凝剂	Ferrous sulphate 硫酸亚铁	8,526.68	Figures not available 没有相关数字
	Ferric chloride 三氯化铁	21,982.13	21,783.77
	PAFC 聚合氯化铝铁	20,390.29	2,333.358
	PFC 聚合氯化铁	900.82	3,682.38
	Polyferric sulfate 聚合硫酸铁	32,206.39	6,848.59
	Flocculant 絮凝剂	820.20	38,278.60
	PAC 聚合氯化铝	3,303.02	5,531.88
Disinfectant 消毒剂	Hypochlorous acid 次氯酸	9,702.41	7,720.94
	Liquid chlorine 液氯	92.16	Figures not available 没有相关数字
	Sodium chlorate 氯酸钠	15.30	
	Disinfectant 消毒剂	20.17	

		2017	2016
Key Materials Used⁽⁵⁾		所用主要物料⁽⁵⁾	
Function 用途	Material 物料	Amount (tonne) 数量 (吨)	
pH adjustment 酸碱调整	Hydrochloric acid 盐酸	45.00	
	Sodium carbonate 碳酸钠	1,276.82	Figures not available 没有相关数字
	Sodium phosphate 磷酸钠	251.71	
	Sulphuric acid 硫酸	2,105.48	
	Lime 石灰	9,974.40	4,354.53
	Sodium hydroxide 氢氧化钠	1,167.58	Figures not available 没有相关数字
Other 其他		1,024.33	Figures not available 没有相关数字
Sludge Treated/Disposed⁽⁵⁾		已处理/处置的污泥⁽⁵⁾	
Sludge treated/disposed in total (tonne)	已处理/处置的污泥总量 (吨)	698,078.50	657,929.18
Sludge recycling and reusing rate (%)	污泥循环再用率 (%)	90.36	70.10

Notes 附注:

- (1) Represents other costs but excludes depreciation and amortisation for the year
代表年度的其他成本,但不包括年度的折旧及摊销
- (2) Represents other costs but excludes depreciation and amortisation for the year
代表本期所得税,但不包括本年度的递延税项
- (3) Cash donation in 2017 amounted to HK\$113,000
其中二零一七年现金捐献为港币113,000元
- (4) Figures are rounded to the nearest thousand
数字调整至最接近的千位数表示
- (5) Figures are rounded to two decimal places
数字调整至最接近的小数点后两位表示
- (6) Injury rate (IR) = (Total number of work-related injuries/Total working hours) x 200,000
工伤率(IR) = (工伤个案总计/工作总时数) x 200,000
- (7) Energy content of biogas is assumed to be 20,908 kJ/m³
假设每立方米沼气含20,908千焦能源
- (8) The calculation boundary covers all operating projects
计算边界包括所有运营项目
- (9) The calculation for operating projects is referenced to CDM methodology "AM0080: Mitigation of Greenhouse Gases Emissions with Treatment of Wastewater in Aerobic Wastewater Treatment Plants (Version 1.0)"
运营项目的计算参照CDM方法《AM0080: 透过在有氧污水处理厂处理污水减少温室气体排放(1.0版)》
- (10) The calculation boundary covers fuel consumption for the transportation of sludge and air travel by employees
计算边界包括运送污泥的燃料消耗和员工飞机差旅
- (11) GHG emissions from air travel are calculated by ICAO Carbon Emissions Calculator
飞机差旅的温室气体排放以国际民航组织的碳排放计算器计算得出



Disclosure Number 披露编号	Description 描述	Relevant Chapter(s) or Other References/Explanation 有关章节或其他参考/说明	Page Number 页数	External Assurance 外部鉴证
GRI 101: Foundation 2016 GRI 101: 基础 2016				
GRI 101 does not include any disclosures 不包含任何披露				
GRI 102: General Disclosures 2016 GRI 102: 一般披露 2016				
Organizational Profile 机构概况				
102-1	Name of the organization 组织名称	About this Report 关于本报告	3	✓
102-2	Activities, brands, products, and services 活动、品牌、产品和服务	About this Report 关于本报告	3	✓
102-3	Location of headquarters 总部位置	About this Report 关于本报告	3	✓
102-4	Location of operations 经营位置	Our Sustainable Business 我们的可持续业务	9	✓
102-5	Ownership and legal form 所有权与法律形式	Our Sustainable Business 我们的可持续业务	9	✓
102-6	Markets served 服务的市场	Our Sustainable Business 我们的可持续业务	9	✓
102-7	Scale of the organization 组织规模	Our Sustainable Business 我们的可持续业务	9	✓
102-8	Information on employees and other workers 关于员工和其他工作者的信息	Our Sustainable Business 我们的可持续业务	9	✓
102-9	Supply chain 供应链	Greening Our Operations 致力绿色运营	30-31	✓
102-10	Significant changes to the organization and its supply chain 机构及其供应链的重大变化	Message from CEO 总裁致辞 Greening Our Operations 致力绿色运营	4-7, 30-31	✓
102-11	Precautionary Principle or approach 预警原则或方针	Greening Our Operations 致力绿色运营	25-31	✓
102-12	External initiatives 外部倡议	Message from CEO 总裁致辞	7	✓
102-13	Membership of associations 协会成员资格	Community and Philanthropy 社区与公益	70	✓
Strategy 战略				
102-14	Statement from senior decision-maker 高级决策者的声明	Message from CEO 总裁致辞 Greening Our Operations 致力绿色运营	4-7 25	✓
102-15	Key impacts, risks, and opportunities 关键影响、风险和机遇	Message from CEO 总裁致辞	4-7	✓
Ethics and Integrity 道德与诚信				
102-16	Values, principles, standards, and norms of behavior 价值观、原则、标准和行为规范	Greening Our Operations 致力绿色运营	25-31	✓
102-17	Mechanisms for advice and concerns about ethics 关于道德的建议和关切问题的机制	Greening Our Operations 致力绿色运营	25-31	✓

Disclosure Number 披露编号	Description 描述	Relevant Chapter(s) or Other References/Explanation 有关章节或其他参考/说明	Page Number 页数	External Assurance 外部鉴证
Governance 管治				
102-18	Governance structure 管治架构	Greening Our Operations 致力绿色运营	25-31	✓
102-19	Delegating authority 授权	Greening Our Operations 致力绿色运营	25-31	✓
102-20	Executive-level responsibility for economic, environmental, and social topics 行政管理层对于经济、环境和社会议题的责任	Greening Our Operations 致力绿色运营	25-31	✓
102-21	Consulting stakeholders on economic, environmental, and social topics 就经济、环境和社会议题与利益相关方进行的磋商	Stakeholder Engagement and Materiality 持份者参与及实质性	33-41	✓
102-22	Composition of the highest governance body and its committees 最高管治机构及其委员会的组成	Greening Our Operations 致力绿色运营	25-31	✓
102-23	Chair of the highest governance body 最高管治机构的主席	Greening Our Operations 致力绿色运营	25-31	✓
102-24	Nominating and selecting the highest governance body 最高管治机构的提名和甄选	Greening Our Operations 致力绿色运营	25-31	✓
102-25	Conflicts of interest 利益冲突	Greening Our Operations 致力绿色运营	25-31	✓
102-26	Role of highest governance body in setting purpose, values, and strategy 最高管治机构在制定宗旨、价值观和战略方面的作用	Greening Our Operations 致力绿色运营 Annual Report 2017 – Corporate Governance Report 《二零一七年度报告》—公司治理报告	25-31 –	✓
102-27	Collective knowledge of highest governance body 最高管治机构的集体认识	Greening Our Operations 致力绿色运营 Annual Report 2017 – Corporate Governance Report 《二零一七年度报告》—公司治理报告	25-31 –	✓
102-28	Evaluating the highest governance body's performance 最高管治机构的绩效评估	Greening Our Operations 致力绿色运营 Annual Report 2017 – Corporate Governance Report 《二零一七年度报告》—公司治理报告	25-31 –	✓
102-29	Identifying and managing economic, environmental, and social impacts 经济、环境和社会影响的识别和管理	Greening Our Operations 致力绿色运营	25-31	✓
102-30	Effectiveness of risk management processes 风险管理流程的效果	Greening Our Operations 致力绿色运营	25-31	✓
102-31	Review of economic, environmental, and social topics 经济、环境和社会议题的评审	Greening Our Operations 致力绿色运营	25-31	✓
102-32	Highest governance body's role in sustainability reporting 最高管治机构在可持续发展报告方面的作用	About this Report 关于本报告	3	✓
102-33	Communicating critical concerns 重要关切问题的沟通	Greening Our Operations 致力绿色运营	25-31	✓
102-34	Nature and total number of critical concerns 重要关切问题的性质和总数	Annual Report 2017 – Corporate Governance Report – Risk Management and Internal Controls 《二零一七年度报告》—公司治理报告—风险管理及内部监控	–	✓
102-35	Remuneration policies 报酬政策	Annual Report 2017 – Corporate Governance Report – Remuneration Matters 《二零一七年度报告》—公司治理报告—薪酬事项 Greening Our Operations 致力绿色运营	– 25-31	✓
102-36	Process for determining remuneration 决定报酬的过程	Annual Report 2017 – Corporate Governance Report – Remuneration Matters 《二零一七年度报告》—公司治理报告—薪酬事项 Greening Our Operations 致力绿色运营	– 25-31	✓

Disclosure Number 披露编号	Description 描述	Relevant Chapter(s) or Other References/Explanation 有关章节或其他参考/说明	Page Number 页数	External Assurance 外部鉴证
102-37	Stakeholders' involvement in remuneration 利益相关方对报酬决定过程的参与	Annual Report 2017 – Corporate Governance Report – Remuneration Matters 《二零一七年度报告》- 公司治理报告 - 薪酬事项	-	✓
102-38	Annual total compensation ratio 年度总薪酬比率	Greening Our Operations 致力绿色运营	29	✓
102-39	Percentage increase in annual total compensation ratio 年度总薪酬增幅比率	Greening Our Operations 致力绿色运营	29	✓
Stakeholder Engagement 利益相关方参与				
102-40	List of stakeholder groups 利益相关方群体列表	Stakeholder Engagement and Materiality 持份者参与及实质性	33	✓
102-41	Collective bargaining agreements 集体谈判协议	None of our employees are covered by collective bargaining agreements 我们的员工并不包含在集体谈判协议中	-	✓
102-42	Identifying and selecting stakeholders 识别和遴选利益相关方	Stakeholder Engagement and Materiality 持份者参与及实质性	33	✓
102-43	Approach to stakeholder engagement 利益相关方参与方针	Stakeholder Engagement and Materiality 持份者参与及实质性	36-37	✓
102-44	Key topics and concerns raised 提出的主要议题和关切问题	Stakeholder Engagement and Materiality 持份者参与及实质性	36-37	✓
Reporting Practice 报告实践				
102-45	Entities included in the consolidated financial statements 合并财务报表中所涵盖的实体	Annual Report 2017 – Notes to the Financial Statements (P.99-187) 《二零一七年度报告》- 财务报表附注 (99-187页)	-	✓
102-46	Defining report content and topic boundaries 界定报告内容和议题边界	Stakeholder Engagement and Materiality 持份者参与及实质性	40-41	✓
102-47	List of material topics 实质性议题列表	Stakeholder Engagement and Materiality 持份者参与及实质性	40-41	✓
102-48	Restatements of information 信息重述	There are no restatement of information in this report 本报告不涉及重整旧告资讯	-	✓
102-49	Changes in reporting 报告变化	Stakeholder Engagement and Materiality 持份者参与及实质性	40-41	✓
102-50	Reporting period 报告期	About this Report 关于本报告	3	✓
102-51	Date of most recent report 最近报告的日期	About this Report 关于本报告	3	✓
102-52	Reporting cycle 报告周期	About this Report 关于本报告	3	✓
102-53	Contact point for questions regarding the report 可回答报告相关的问题的联系人信息	About this Report 关于本报告	3	✓
102-54	Claims of reporting in accordance with the GRI Standards 符合GRI标准进行报告的声明	About this Report 关于本报告	3	✓
102-55	GRI content index GRI 内容索引	GRI Content Index GRI内容索引	85-92	✓
102-56	External assurance 外部鉴证	Verification Statement 核实声明	80-81	✓

Topic-Specific Disclosures 议题专项披露

Disclosure Number 披露编号	Description 描述	Relevant Chapter(s) or Other References/Explanation 有关章节或其他参考/说明	Page Number 页数	External Assurance 外部鉴证
Economic 经济				
Economic Performance 经济绩效				
GRI 103: Management Approach 2016 管理方法2016				
103-1	Explanation of the material topic and its Boundary 对实质性议题及其边界的说明	Stakeholder Engagement and Materiality 持份者参与及实质性	41	✓
103-2	The management approach and its components 管理方法及其组成部分	Greening Our Operations 致力绿色运营	25-31	✓
103-3	Evaluation of the management approach 管理方法的评估	Greening Our Operations 致力绿色运营	25-31	✓
GRI 201: Economic Performance 2016 经济2016				
201-1	Direct economic value generated and distributed 直接产生和分配的经济价值	Our Sustainable Business 我们的可持续业务	11	✓
201-2	Financial implications and other risks and opportunities due to climate change 气候变化带来的财务影响以及其他风险和机遇	Environmental Protection 环境保护	43	✓
201-3	Defined benefit plan obligations and other retirement plans 义务性固定福利计划和其他退休计划	Employee Development 培育人才	56	✓
201-4	Financial assistance received from government 政府给予的财政补贴	Our Sustainable Business 我们的可持续业务	10	✓
Market Presence 市场表现				
GRI 103: Management Approach 2016 管理方法2016				
103-1	Explanation of the material topic and its Boundary 对实质性议题及其边界的说明	Stakeholder Engagement and Materiality 持份者参与及实质性	41	✓
103-2	The management approach and its components 管理方法及其组成部分	Employee Development 培育人才	53-57	✓
103-3	Evaluation of the management approach 管理方法的评估	Employee Development 培育人才	53-57	✓
GRI 202: Market Presence 2016 市场表现2016				
202-1	Ratios of standard entry level wage by gender compared to local minimum wage 按性别别的标准起薪水平工资与当地最低工资之比	The compensation of all of our employees is higher than the local minimum wage 我们所有员工的薪酬高于当地最低工资	-	✓
202-2	Proportion of senior management hired from the local community 从当地社区雇佣高管的比例	Employee Development 培育人才	55	✓

Disclosure Number 披露编号	Description 描述	Relevant Chapter(s) or Other References/Explanation 有关章节或其他参考/说明	Page Number 页数	External Assurance 外部鉴证
Procurement Practices 采购实务				
GRI 103:	Management Approach 2016 管理方法2016			
103-1	Explanation of the material topic and its boundary 对实质性议题及其边界的说明	Stakeholder Engagement and Materiality 持份者参与及实质性	41	✓
103-2	The management approach and its components 管理方法及其组成部分	Greening Our Operations 致力绿色运营	30-31	✓
103-3	Evaluation of the management approach 管理方法的评估	Greening Our Operations 致力绿色运营	30-31	✓
GRI 204:	Procurement Practices 2016 采购实践2016			
204-1	Proportion of spending on local suppliers 向当地供应商采购支出的比例	We do not have sufficient information to include this item. It will be included in the next Sustainability Report 我们并没有足够资料去汇报此项目。下年度的可持续发展报告将会包含此内容	-	✓
Environment 环境				
Materials 物料				
GRI 103:	Management Approach 2016 管理方法2016			
103-1	Explanation of the material topic and its Boundary 对实质性议题及其边界的说明	Stakeholder Engagement and Materiality 持份者参与及实质性	41	✓
103-2	The management approach and its components 管理方法及其组成部分	Environmental Protection 环境保护	49-51	✓
103-3	Evaluation of the management approach 管理方法的评估	Environmental Protection 环境保护	49-51	✓
GRI 301:	Materials 2016 物料2016			
301-1	Materials used by weight or volume 所用物料的重量或体积	Environmental Protection 环境保护	49-51	✓
301-2	Recycled input materials used 使用的回收进料	Environmental Protection 环境保护	49-51	✓
301-3	Reclaimed products and their packaging materials 回收产品及其包装材料	Not applicable to Everbright Water's products 不适用于光大水务的产品	-	✓
Energy 能源				
GRI 103:	Management Approach 2016 管理方法2016			
103-1	Explanation of the material topic and its boundary 对实质性议题及其边界的说明	Stakeholder Engagement and Materiality 持份者参与及实质性	41	✓
103-2	The management approach and its components 管理方法及其组成部分	Environmental Protection 环境保护	49-51	✓
103-3	Evaluation of the management approach 管理方法的评估	Environmental Protection 环境保护	49-51	✓

Disclosure Number 披露编号	Description 描述	Relevant Chapter(s) or Other References/Explanation 有关章节或其他参考/说明	Page Number 页数	External Assurance 外部鉴证
GRI 302: Energy 2016 能源2016				
302-1	Energy consumption within the organization 组织内部的能源消耗量	Environmental Protection 环境保护	49-50	✓
302-2	Energy consumption outside of the organization 组织外部的能源消耗量	Everbright Water's core products and services will not cause additional energy consumption to clients 光大水务的核心业务的产品及服务不会对客户造成额外的能耗	-	✓
302-3	Energy intensity 能源强度	Key Statistics 主要数据	82-84	✓
302-4	Reduction of energy consumption 减少能源消耗量	Key Statistics 主要数据	82-84	✓
302-5	Reductions in energy requirements of products and services 降低产品和服务的能源需求	Key Statistics 主要数据	82-84	✓
Water 水				
GRI 103: Management Approach 2016 管理方法2016				
103-1	Explanation of the material topic and its boundary 对实质性议题及其边界的说明	Stakeholder Engagement and Materiality 持份者参与及实质性	41	✓
103-2	The management approach and its components 管理方法及其组成部分	Environmental Protection 环境保护	44-46	✓
103-3	Evaluation of the management approach 管理方法的评估	Environmental Protection 环境保护	44-46	✓
GRI 303: Water 2016 水2016				
303-1	Water withdrawal by source 按源头划分的取水	Environmental Protection 环境保护	47	✓
303-2	Water sources significantly affected by withdrawal of water 因取水而受重大影响的水源	None 无	-	✓
303-3	Water recycled and reused 水循环与再利用	Environmental Protection 环境保护	51	✓
Effluents and Waste 污水和废弃物				
GRI 103: Management Approach 2016 管理方法2016				
103-1	Explanation of the material topic and its boundary 对实质性议题及其边界的说明	Stakeholder Engagement and Materiality 持份者参与及实质性	41	✓
103-2	The management approach and its components 管理方法及其组成部分	Environmental Protection 环境保护	44-46	✓
103-3	Evaluation of the management approach 管理方法的评估	Environmental Protection 环境保护	44-46	✓
GRI 306: Effluents and Waste 2016 污水和废弃物2016				
306-1	Water discharge by quality and destination 按水质及排放目的地分类的排水总量	Environmental Protection 环境保护	47	✓
306-2	Waste by type and disposal method 按类别及处置方法划分的废弃物总量	Environmental Protection 环境保护	48-49	✓
306-3	Significant spills 重大泄漏	The Company had no spilling accidents in 2017 本公司于二零一七年并没有发生渗漏事件	-	✓
306-4	Transport of hazardous waste 危险废物运输	Environmental Protection 环境保护	48-49	✓
306-5	Water bodies affected by water discharges and/or runoff 受排水和/或径流影响的水体	No water bodies are seriously/significantly affected by the Company's waste water discharge in 2017 本公司于二零一七年的污水排放并没有严重影响任何水体	-	✓

Disclosure Number 披露编号	Description 描述	Relevant Chapter(s) or Other References/Explanation 有关章节或其他参考/说明	Page Number 页数	External Assurance 外部鉴证
Environmental Compliance 环保合规				
GRI 103:	Management Approach 2016 管理方法2016			
103-1	Explanation of the material topic and its boundary 对实质性议题及其边界的说明	Stakeholder Engagement and Materiality 持份者参与及实质性	41	✓
103-2	The management approach and its components 管理方法及其组成部分	Environmental Protection 环境保护	44-46	✓
103-3	Evaluation of the management approach 管理方法的评估	Environmental Protection 环境保护	44-46	✓
GRI 307:	Environmental Compliance 2016 环境合规2016			
307-1	Non-compliance with environmental laws and regulations 违反环境法律法规	Environmental Protection 环境保护	44-46	✓
Social 社会				
Employment 雇佣				
GRI 103:	Management Approach 2016 管理方法2016			
103-1	Explanation of the material topic and its boundary 对实质性议题及其边界的说明	Stakeholder Engagement and Materiality 持份者参与及实质性	41	✓
103-2	The management approach and its components 管理方法及其组成部分	Employee Development 培育人才	53-57	✓
103-3	Evaluation of the management approach 管理方法的评估	Employee Development 培育人才	53-57	✓
GRI 401:	Employment 2016 雇佣2016			
401-1	New employee hires and employee turnover 新进员工和员工流动率	Employee Development 培育人才	53-59	✓
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees 提供给全职员工(不包括临时或兼职员工)的福利	Employee Development 培育人才	53-57	✓
401-3	Parental leave 育儿假	Employee Development 培育人才	53-57	✓
Occupational Health and Safety 职业健康与安全				
GRI 103:	Management Approach 2016 管理方法2016			
103-1	Explanation of the material topic and its Boundary 对实质性议题及其边界的说明	Stakeholder Engagement and Materiality 持份者参与及实质性	41	✓
103-2	The management approach and its components 管理方法及其组成部分	Employee Development 培育人才	62-63	✓
103-3	Evaluation of the management approach 管理方法的评估	Employee Development 培育人才	62-63	✓

Disclosure Number 披露编号	Description 描述	Relevant Chapter(s) or Other References/Explanation 有关章节或其他参考/说明	Page Number 页数	External Assurance 外部鉴证
GRI 403: Occupational Health and Safety 职业健康与安全 2016				
403-1	Workers representation in formal joint management – worker health and safety committees 劳资联合健康安全委员会中的工作者代表	Employee Development 培育人才	62-63	✓
403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities 工伤类别·工伤、职业病、损失工作日、缺勤等比率	Employee Development 培育人才	62-63	✓
403-3	Workers with high incidence or high risk of diseases related to their occupation 从事职业病高发职业或高风险职业病风险职业的工作者	Employee Development 培育人才	62-63	✓
403-4	Health and safety topics covered in formal agreements with trade unions 工会正式协议中的健康与安全议题	Employee Development 培育人才	62-63	✓
Training and Education 培训与教育				
GRI 103: Management Approach 2016 管理方法2016				
103-1	Explanation of the material topic and its Boundary 对实质性议题及其边界的说明	Stakeholder Engagement and Materiality 持份者参与及实质性	41	✓
103-2	The management approach and its components 管理方法及其组成部分	Employee Development 培育人才	60-61	✓
103-3	Evaluation of the management approach 管理方法的评估	Employee Development 培育人才	60-61	✓
GRI 404: Training and Education 2016 培训与教育2016				
404-1	Average hours of training per year per employee 每名员工每年接受培训的平均小时数	Employee Development 培育人才	60-61	✓
404-2	Programs for upgrading employee skills and transition assistance programs 员工技能提升方案和过渡协助方案	Employee Development 培育人才	60-61	✓
404-3	Percentage of employees receiving regular performance and career development reviews 接受定期绩效和职业发展考核的员工的百分比	Employee Development 培育人才	60-61	✓

Subject Areas, Aspects, General Disclosures and KPIs 主要范畴、层面、一般披露及关键绩效指标(KPIs)	Description 描述	Relevant Chapter(s) or Other References/ Explanation 有关章节或其他参考/说明	External Assurance 外部验证
Environmental 环境范畴			
Aspect A1: Emissions 层面 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. 有关废气及温室气体排放、向水及土地的排污、有害及无害废弃物的产生等的： (a) 政策；及 (b) 遵守对发行人有重大影响的相关法律及规例的资料。	Environmental Protection 环境保护	√
KPI A1.1	The types of emissions and respective emissions data. 排放物种类及相关排放数据。	Environmental Protection 环境保护	√
KPI A1.2	Greenhouse gas emissions in total (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility). 温室气体总排放量（以吨计算）及（如适用）密度（如以每产量单位、每项设施计算）。	Environmental Protection 环境保护 Key Statistics 主要数据	√
KPI A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility). 所产生有害废弃物总量（以吨计算）及（如适用）密度（如以每产量单位、每项设施计算）。	Not applicable, no hazardous waste are produced by Everbright Water's operations 不适用，光大水务的运营不会产生有害废物。	√
KPI A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility). 所产生无害废弃物总量（以吨计算）及（如适用）密度（如以每产量单位、每项设施计算）。	Sludge Disposal: 698,078.50 tonnes 污泥弃置：698,078.50吨 Intensity (Tonne/m ³ of wastewater treated): 0.59 强度（吨/立方米污水处理）：0.59	√
KPI A1.5	Description of measures to mitigate emissions and results achieved. 描述减低排放量的措施及所得成果。	Environmental Protection 环境保护	√
KPI A1.6	Description of how hazardous and non-hazardous wastes are handled, reduction initiatives and results achieved. 描述处理有害及无害废弃物的方法、减低产生量的措施及所得成果。	Environmental Protection 环境保护	√
Aspect A2: Use of Resources 层面 A2: 资源使用			
General Disclosure 一般披露	Policies on the efficient use of resources, including energy, water and other raw materials. 有效使用资源（包括能源、水及其他原材料）的政策。	Environmental Protection 环境保护	√
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). 按类型划分的直接及/或间接能源（如电、气或油）总耗量（以千个千瓦时计算）及密度（如以每产量单位、每项设施计算）。	Environmental Protection 环境保护	√
KPI A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility). 总耗水量及密度（如以每产量单位、每项设施计算）。	Environmental Protection 环境保护	√
KPI A2.3	Description of energy use efficiency initiatives and results achieved. 描述能源使用效益计划及所得成果。	Environmental Protection 环境保护	√
KPI A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency initiatives and results achieved. 描述求取适用水源上可有任何问题，以及提升用水效益计划及所得成果。	Environmental Protection 环境保护	√
KPI A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced. 制成品所用包装材料的总量（以吨计算）及（如适用）每生产单位占量。	Our main product is treated waste water, which does not involve packaging material usage. 我们的主要产品为已处理的污水，并不包含包装材料。	√
Aspect A3: The Environment and Natural Resources 层面 A3: 环境及自然资源			
General Disclosure 一般披露	Policies on minimising the issuer's significant impact on the environment and natural resources. 减低发行人对环境及自然资源造成重大影响的政策。	Environmental Protection 环境保护	√
KPI A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them. 描述业务活动对环境及自然资源的重大影响及已采取管理有关影响的行动。	Environmental Protection 环境保护	√

Subject Areas, Aspects, General Disclosures and KPIs 主要范畴、层面、一般披露及关键绩效指标(KPIs)	Description 描述	Relevant Chapter(s) or Other References/ Explanation 有关章节或其他参考/说明	External Assurance 外部验证
Social 社会范畴			
Employment and Labour Practices 雇佣及劳工常规			
Aspect B1: Employment 层面 B1: 雇佣			
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. 有关薪酬及解雇、招聘及晋升、工作时数、假期、平等机会、多元化、反歧视以及其他待遇及福利的： (a) 政策；及 (b) 遵守对发行人有重大影响的相关法律及规例的资料。	Employee Development 培育人才	√
KPI B1.1	Total workforce by gender, employment type, age group and geographical region. 按性别、雇佣类型、年龄组别及地区划分的雇员总数。	Employee Development 培育人才	√
KPI B1.2	Employee turnover rate by gender, age group and geographical region. 按性别、年龄组别及地区划分的雇员流失比率。	Employee Development 培育人才	√
Aspect B2: Health and Safety 层面 B2: 健康与安全			
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. 有关提供安全工作环境及保障雇员避免职业性危害的： (a) 政策；及 (b) 遵守对发行人有重大影响的相关法律及规例的资料。	Employee Development 培育人才	√
KPI B2.1	Number and rate of work-related fatalities. 因工作关系而死亡的人数及比率。	Employee Development 培育人才	√
KPI B2.2	Lost days due to work injury. 因工伤损失工作日数。	Employee Development 培育人才	√
KPI B2.3	Description of occupational health and safety measures adopted, how they are implemented and monitored. 描述所采纳的职业健康与安全措施，以及相关执行及监察方法。	Employee Development 培育人才	√
Aspect B3: Development and Training 层面 B3: 发展及培训			
General Disclosure 一般披露	Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities. 有关提升雇员履行工作职责的知识及技能的政策。描述培训活动。	Employee Development 培育人才	√
KPI B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management). 按性别及雇员类别（如高级管理层、中级管理层等）划分的受训雇员百分比。	Employee Development 培育人才	√
KPI B3.2	The average training hours completed per employee by gender and employee category. 按性别及雇员类别划分，每名雇员完成受训的平均时数。	Employee Development 培育人才	√
Aspect B4 Labour Standards 层面 B4: 劳工准则			
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. 有关防止童工或强制劳工的： (a) 政策；及 (b) 遵守对发行人有重大影响的相关法律及规例的资料。	Employee Development 培育人才	√
KPI B4.1	Description of measures to review employment practices to avoid child and forced labour. 描述检讨招聘惯例的措施以避免童工及强制劳工。	Employee Development 培育人才	√
KPI B4.2	Description of steps taken to eliminate such practices when discovered. 描述在发现违规情况时消除有关情况所采取的步骤。	Employee Development 培育人才	√

Subject Areas, Aspects, General Disclosures and KPIs 主要范畴、层面、一般披露及关键绩效指标(KPIs)	Description 描述	Relevant Chapter(s) or Other References/ Explanation 有关章节或其他参考/说明	External Assurance 外部验证
Operating Practices 营运惯例			
Aspect B5: Supply Chain Management 层面 B5: 供应链管理			
General Disclosure 一般披露	Policies on managing environmental and social risks of the supply chain. 管理供应链的环境及社会风险政策。	Greening Our Operations 致力绿色运营	√
KPI B5.1	Number of suppliers by geographical region. 按地区划分的供货商数目。	Greening Our Operations 致力绿色运营	√
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 描述有关聘用供货商的惯例，向其执行有关惯例的供货商数目，以及有关惯例的执行及监察方法。	Greening Our Operations 致力绿色运营	√
Aspect B6: Product Responsibility 层面 B6: 产品责任			
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. 有关所提供产品和服务的健康与安全、广告、标签及私隐事宜以及补救方法的： (a) 政策；及 (b) 遵守对发行人有重大影响的相关法律及规例的资料。	Greening Our Operations 致力绿色运营	√
KPI B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons. 已售或已运送产品总数中因安全与健康理由而须回收的百分比。	Not applicable, as our main product is treated wastewater. 不适用，因我们的主要产品为已处理的污水。	√
KPI B6.2	Number of products and service related complaints received and how they are dealt with. 接获关于产品及服务的投诉数目以及应对方法。	Community and Philanthropy 社区与公益	√
KPI B6.3	Description of practices relating to observing and protecting intellectual property rights. 描述与维护及保障知识产权有关的惯例。	Community and Philanthropy 社区与公益	√
KPI B6.4	Description of quality assurance process and recall procedures. 描述质量检定过程及产品回收程序。	Community and Philanthropy 社区与公益	√
KPI B6.5	Description of consumer data protection and privacy policies, how they are implemented and monitored. 描述消费者数据保障及私隐政策，以及相关执行及监察方法。	Not identified as material topic 不被定义为实质性议题	√
Aspect B7 Anti-corruption 层面 B7: 反贪污			
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. 有关防止贿赂、勒索、欺诈及洗黑钱的： (a) 政策；及 (b) 遵守对发行人有重大影响的相关法律及规例的资料。	Greening Our Operations 致力绿色运营	√
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. 于汇报期内对发行人或其雇员提出并已完结的贪污诉讼案件的数目及诉讼结果。	Greening Our Operations 致力绿色运营	√
KPI B7.2	Description of preventive measures and whistle-blowing procedures, how they are implemented and monitored. 描述防范措施及举报程序，以及相关执行及监察方法。	Greening Our Operations 致力绿色运营	√

Subject Areas, Aspects, General Disclosures and KPIs 主要范畴、层面、一般披露及关键绩效指标(KPIs)	Description 描述	Relevant Chapter(s) or Other References/ Explanation 有关章节或其他参考/说明	External Assurance 外部验证
Community 社区			
Aspect B8: Community Investment 层面 B8: 社区投资			
General Disclosure 一般披露	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests. 有关以社区参与来了解营运所在社区需要和确保其业务活动会考虑社区利益的政策。	Community and Philanthropy 社区与公益	✓
KPI B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport). 专注贡献范畴(如教育、环境事宜、劳工需求、健康、文化、体育)。	Community and Philanthropy 社区与公益	✓
KPI B8.2	Resources contributed (e.g. money or time) to the focus area. 在专注范畴所动用资源(如金钱或时间)。	Community and Philanthropy 社区与公益	✓

**SUSTAINABILITY
REPORT**
可持续发展报告
2017

CHINA EVERBRIGHT WATER LIMITED
中国光大水务有限公司



本报告以环保纸张印制
This report is printed on environmentally friendly paper