

### Environmental friendliness 愛護環境



As a pioneer in environmental protection industry, we play an important role in combating climate change, improving urban environment and enhancing ecological resilience.  
作為環保行業的先鋒，我們在應對氣候變化、改善城市環境及提升生態復原能力佔一重要席位。

### People oriented 以人為本



Our employees are the most valuable asset for our sustainable growth.  
僱員是我們達成可持續增長的最寶貴資產。

### Driven by innovation and technology 以科技創新為引領



We hold the belief that innovation and technology are our core competitiveness.  
我們堅信創新及科技是我們的核心競爭力。

### Establishing industry standards 制定行業標準



We cooperate proactively with national bureaus and commissions to participate in the design of relevant environmental technology standards and regulations.  
我們積極推動及配合國家部委制訂或參與環保相關技術標準或規範的編制。

### Concerning the community 關懷社區



We strive for developing harmonious local communities and creating better living environment for local residents.  
我們致力維繫社區和諧，為當地市民打造更佳的生活環境。

Sustainability Report **2014** 可持續發展報告

An enterprise is not only  
the **Creator of Wealth** but  
also the **Safeguard of Environmental** and  
**Social Responsibility**

企業不僅是**物質財富的創造者**更應成為  
**環境與責任的承擔者**

## About this Report 有關本報告

**China Everbright International Limited** (“CEIL”), headquartered in Hong Kong, is a fast-growing conglomerate with a sharp focus on its core business in environmental protection and alternative energy. These mainly cover waste-to-energy, methane-to-energy, biomass integrated utilization, solar photovoltaic energy, industrial solid waste and hazardous waste treatment, water restoration and reusable water, etc.

This is our third annual Sustainability Report, covering the period from 1 January 2014 to 31 December 2014 with the aim to review our overall sustainability performance during the reporting period. The report has adopted the Global Reporting Initiative (“GRI”)’s G4 Guidelines and its Electric Utilities Sector Disclosures document for the first time in accordance with the “comprehensive” option, as compared to the GRI G3.1 Guidelines for the Sustainability Report 2013 dated 28 April 2014. In addition, we continue to follow the Environmental, Social and Governance (“ESG”) Reporting Guide published by Hong Kong Exchanges and Clearing Limited (“HKEx”). The coverage of this report is decided based on the materiality assessment, stakeholder engagement, and other GRI’s principles and guidance. We have engaged our third-party assurance provider, Hong Kong Quality Assurance Agency (“HKQAA”) to conduct an independent verification of the report. The board of directors of CEIL (the “Board”) reviewed and approved the content and the scope covered in this report.

The report covers our sustainability performance of all operating plants with operational control. Employees of contractors and subcontractors are not included as part of our workforce. Data collection and analysis were conducted in accordance with relevant guidelines and standards such as GRI Indicator Protocol for calculating energy consumption.

Both English and Chinese versions of this report can be downloaded from our company website at <http://www.ebchinaintl.com>.

We welcome any comments and suggestions in regards to this report and our sustainability performance. Please send us your feedback to [info1@ebchinaintl.com](mailto:info1@ebchinaintl.com).

**中國光大國際有限公司**（「光大國際」）的總部位於香港，為一家以綠色環保及新能源為主業的迅速成長的投資產業集團，項目主要包括垃圾發電、沼氣發電、生物質綜合利用、太陽能光伏發電、工業固廢及危廢處理、水環境治理及中水回用等。

本報告是我們的第三份可持續發展報告，旨在檢討我們於報告期間的整體可持續發展表現，報告期涵蓋二零一四年一月一日至二零一四年十二月三十一日。與二零一四年四月二十八日出版的二零一三年可持續發展報告採用的全球報告倡議組織（「GRI」）指南G3.1版本比較，本報告首次根據「全面」方案採用GRI指南最新的G4版本及其電力行業披露文件。此外，我們繼續遵守香港交易及結算所有限公司（「香港交易所」）發佈的《環境、社會及管治報告指引》。本報告所涵蓋部份乃基於實質性評估、持份者參與及其他GRI原則及指引釐定。我們已聘任第三方審核機構香港品質保證局為本報告進行獨立驗證。光大國際的董事會（「董事會」）已審閱及批准本報告涵蓋的內容及範疇。

## Concept idea 設計概念

The design of this report follows the concept of continuity. It not only echoes with last year’s report, but also highlights the achievement of **CEIL** in sustainable development in this year. In this regard, “Shaping our Future with Experience” becomes the theme of this report. A leaf is used to represent a miniature of the society, whereas the veins are closely connected on the leaf surface, representing hubs of nutrient. It outlines the corporate connections and interactions between the business of the Company, ecological environment and caring for society, as well as propelling the society towards a greener future.

本報告在設計上秉承承上啟下的理念，在回應上一年度報告的同時，亦展示**光大國際**本年度於可持續發展領域上的成就。為此，本報告以「憑經驗、創未來」為設計主題，以樹葉代表整個社會的縮影，而葉脈則為養份的樞紐，在葉面上緊密連繫，並勾勒出在公司業務、生態環境及對社會的關愛上有著密切而互動的連繫，並為其注入養份，為社會創造更綠色的未來。



Shaping our  
Future with  
Experience

憑經驗、創未來。



本報告涵蓋我們擁有運營控制權並運營中的廠房的可持續發展表現。承包商及分包商的僱員並不計入我們僱員的一部份。數據收集及分析是根據相關指南或準則進行，例如採用GRI的指標規章計算能源耗用量。

本報告之中英文版本可於本公司網頁<http://www.ebchinaintl.com>下載。

我們歡迎就本報告及我們的可持續發展表現提供意見及建議。請將閣下的意見電郵至[info1@ebchinaintl.com](mailto:info1@ebchinaintl.com)。



This report is printed on environmental friendly paper and printed with soy ink  
本報告以環保紙張及大豆油墨印製

<http://www.ebchinaintl.com/>

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CHEN Xiaoping 陳小平  
CEO 行政總裁  
(Second right, front row) (前排右二)



An Enterprise is not only the **Creator of Wealth**,  
but also the **Safeguard of Environmental and Social Responsibility**

企業不僅是**物質財富的創造者**，  
更應成為**環境與責任的承擔者**

It has been the third year for us to publish sustainability report to highlight our achievements and commitments. Adopting the latest GRI G4 Sustainability Reporting Guidelines, this report has identified and demonstrated CEIL's economic, environment and social impacts to our stakeholders in a comprehensive manner.

本年度是我們發佈可持續發展報告概述我們的成就及承諾的第三個年頭。本報告採用全球報告倡議組織指南的最新G4版本，全面識別及展示光大國際在經濟、環境以及社會方面對持份者的影響。

2014 is a rapidly advancing year for CEIL. We have been contributing to the sustainable economic development of the People's Republic of China (the "PRC") by harmless treatment of household wastes, integrated utilization of resources, and producing more green electricity and clean water. We successfully launched our new round of development strategy by leveraging talent, science and technology to expand from coastal areas to inland cities, from cities to rural areas and from domestic to overseas markets while adhering to high standards. During the past year, both the number and scale of our new projects exceeded the sum of that in the last two years, where we currently secured over 120 environmental protection projects. We spun off our environmental water business into Hankore Environment Tech Group Limited ("HanKore Environment") via a reverse takeover,

二零一四年是光大國際持續快速發展的一年。我們透過對城鄉廢棄物的無害化處理和資源的綜合利用，製造更多綠色電力及清潔用水，為中華人民共和國（「中國」）的可持續經濟發展作出貢獻。我們成功實施新一輪的發展策略，以人才、科技為引領，高起點推進從沿海到內地、從城市向農村、從國內向國外的發展。一年來，獲得新項目的數量及規模均超越過去兩年的總和，目前我們投資的環保項目已超過120個。我們透過反向收購漢科環境科技集團有限公司（「漢科環境」），分拆環保水務業務在新加坡證券交易所有限公司（「新

and it was renamed as China Everbright Water Limited, which was listed on the Mainboard of Singapore Exchange Securities Trading Limited (“Singapore Exchange”). Also, our self-developed grate furnace products successfully obtained the European Union’s CE certificate, which is a permit to enter international markets. Meanwhile, our governance, logistics and monitoring system have been strengthened continuously.

Our long-term strategy towards sustainability is expressed in our core value: An Enterprise is not only the Creator of Wealth, but also the Safeguard of Environmental and Social Responsibility. Specifically, the following strategic priorities have been driving us towards becoming a responsible and dynamic corporate citizen:

### Environmental friendliness

As a pioneer in environmental protection industry, we play an important role in combating climate change, improving urban environment and enhancing ecological resilience. In 2014, we have processed 5.37 million tonnes<sup>1</sup> of household waste and 57,000 tonnes<sup>1</sup> of industrial and hazardous waste. Our environmental protection and alternative energy facilities produced a total of 1,982.53 GWh<sup>1</sup> of clean electricity for over 1.65 million<sup>1</sup> households, which is equivalent to a saving of 793,000 tonnes<sup>1</sup> of standard coal consumption and a reduction of 2.26 million tonnes<sup>1</sup> of carbon dioxide emission. We have also treated 584.79 million<sup>1</sup> m<sup>3</sup> of waste water and 1.17 million<sup>1</sup> m<sup>3</sup> of leachate respectively, reducing 0.21 million tonnes<sup>1</sup> of COD emission in total.

### People oriented

Our people are the most valuable asset for our sustainable growth. In developing our human resources strategy, we strive to provide a fair, inspiring and caring platform for all our staff. We deeply understand the importance of safety in electric utility industry, and always put the health and safety of our workforce at top priorities.

### Driven by innovation and technology

We hold the belief that innovation and technology are our core competitiveness. Utilizing the newly established Everbright Environmental Technology Institute, which consists of three subsidiary research institutes specializing in incineration technology, water environment technology and engineering design, we will strive for transforming into an environmental high-tech enterprise.

### Establishing Industry Standards

Through consistently improving our process, technology and management standard, we cooperate proactively with national bureaus and commissions to participate in the design of relevant environmental technology standards and regulations, such as flue gas emission standard, dioxin treatment standard and its emission monitoring, to name a few.

加坡證券交易所)) 主板上市，並更名為「中國光大水務有限公司」。此外，我們自主研發的爐排爐產品成功獲得歐盟CE產品認證，取得進入國際市場的通行證。同時，我們的管治、物流及監測系統亦持續得以加強。

我們的核心價值亦呈現了本公司在可持續發展的長遠策略：企業不僅是物質財富的創造者，更應成為環境與責任的承擔者。這一策略推動我們成為負責任、充滿活力的企業公民：

### 愛護環境

作為環保行業的先鋒，我們在應對氣候變化、改善城市環境及提升生態復原能力上佔了重要一席。於二零一四年，我們已處理537萬噸<sup>1</sup>生活垃圾及57,000噸<sup>1</sup>工業及危險廢物。我們的環保及新能源設施為超過165萬<sup>1</sup>個家庭生產合共19.8253億千瓦時<sup>1</sup>綠色電力，相當於節約標煤耗用793,000噸<sup>1</sup>，及減少二氧化碳排放226萬噸<sup>1</sup>。我們亦分別處理5.8479億立方米<sup>1</sup>的污水及117萬立方米<sup>1</sup>的滲濾液，並減排COD共21萬噸<sup>1</sup>。

### 以人為本

僱員是我們達成可持續增長的最寶貴資產。在制訂人力資源策略時，我們致力為所有員工提供公平、具啟發性及關懷的平台。我們深切明白安全在電力行業的重要性，並一直將員工的健康與安全置於首位。

### 以科技創新為引領

我們堅信創新及科技是我們的核心競爭力。我們利用新成立的光大環保技術研究院下設焚燒技術、水環境技術及工程設計三個研究所，致力轉型為環保高科技企業。

### 制定行業標準

通過我們在工藝、技術及管理水平的不斷提升，我們積極推動及配合國家部委制訂或參與環保相關技術標準或規範的編制，例如煙氣排放標準、二噁英處理標準及排放指標的監控等方面。

### Concerning the community

As a socially responsible enterprise, we strive for developing harmonious local communities by maintaining positive relationship with local governments, minimizing local environmental impacts and engaging the communities nearby our operation plants through communications. We are keen at supporting the public welfare by setting up charitable foundations, building Everbright International True Love School, as well as engaging our people in volunteering activities, so as to share our growth with the society.

The economic downturn pressure arisen from global economic restructuring and industrial turnaround has become the 'new normal' of macroeconomic trend. While the over-produced industries' structural adjustment has been intensified, as the leading enterprise of environmental protection and renewable energy, we truly believe in the promising prospect of the industry. Besides, the official implementation of the new Environmental Protection Law of the PRC, the ever-increasing urbanization of China with the issuing of 'National Plan on New Urbanization 2014 – 2020', as well as the strengthened efforts in combating air pollution and urban haze by the Central Government have brought tremendous opportunities to the environmental protection industry.

Looking forward, we will keep improving our operation efficiency and governance standard, so as to constantly minimize the cost implication caused by more stringent compliance requirements, while grasp the unprecedented business opportunity for environmental protection and emission reduction brought by these national policies. Also, we will support our ever-increasing market scale by utilizing the strong support from China Everbright Group Ltd. ("China Everbright Group"), as well as strengthening risk management and management standards. We will also endeavor to fully develop our three core businesses: Environmental Energy, Environmental Water and Alternative Energy, while improving the environmental protection project construction, equipment manufacturing and environmental technology businesses, so as to create a synergy effect and perfect our industrial chain. We aim at becoming one of the world's top environmental protection conglomerates in 3 to 5 years, and maximize the benefits for our stakeholders and shareholders consistently.

### CHEN Xiaoping

Chief Executive Officer

29 May 2015

<sup>1</sup> Figures are derived from Annual Report 2014.

### 關懷社區

作為肩負社會責任的企業，我們致力透過與地方政府建立良好關係，盡可能減少對地方環境的影響，並透過與鄰近社區進行交流，維繫地方和諧。我們設立慈善基金，建設光大國際愛心學校，同時鼓勵僱員參與義工活動，讓社會分享我們的增長成果。

全球經濟結構調整及行業轉型導致的經濟放緩壓力成為宏觀經濟走勢的「新常態」。在過度生產的行業加大結構調整力度的同時，作為綠色環保和新能源企業的領頭羊，我們堅信行業未來持續的良好發展前景。此外，中國正式實行新的《環境保護法》、加上中國發佈《國家新型城鎮化規劃（二零一四年至二零二零年）》後愈趨城鎮化以及中央政府加大力度應對空氣污染及城鎮霧霾問題，為環保行業帶來巨大的機遇。

展望將來，我們將提升運營效益及管治水平，不斷降低因為更嚴格的合規規定對成本構成的影響，同時把握中國政府在環保減排方面的政策所帶來的空前商機。憑藉中國光大集團股份有限公司（「中國光大集團」）的支持，加上日益提升的風險管理及管治水平，有助增加我們日漸擴張的市場佔有率。我們亦將竭力全面發展我們環保能源、環保水務及新能源三個核心業務，同時提升環保項目建設、設備製造及環保科技業務，以達到協同效應，令我們的產業鏈臻至完美。我們的目標是在三至五年內成為世界領先的環保企業集團，並盡最大努力持續提高持份者及股東的利益。

### 陳小平

行政總裁

二零一五年五月二十九日

<sup>1</sup> 數據來自二零一四年年報。

## Highlights in 2014 二零一四年摘要

### Our business

- Secured 12 waste-to-energy projects in Anhui, Hunan, Jiangsu, Shandong, Zhejiang and Henan.
- Secured 7 biomass integrated utilization projects in Jiangsu and Anhui.
- Secured 1 hazardous solid waste treatment project in Jiangsu.
- Secured 1 sludge treatment and disposal project in Hainan.
- Established a joint venture with Suez Environnement Group to construct Changzhou Hazardous Solid Waste Treatment Project.
- Launched Zibo Reusable Water Project Phase II and Boxing Waste Water Treatment Project expansion and upgrade.
- Invested in the construction of distributed photovoltaic energy project in Anhui.
- Ningbo Waste-to-energy Project Phase I completed construction and commenced operation.
- Nanjing Waste-to-energy Project Phase I completed construction and commenced operation.
- Sanya Waste-to-energy Project Phase I completed construction and commenced operation.
- Shouguang Waste-to-energy Project completed construction and commenced operation.

### 我們的業務

- 取得安徽、湖南、江蘇、山東、浙江及河南12個垃圾發電項目。
- 取得江蘇及安徽7個生物質綜合處理項目。
- 取得江蘇1個危廢處理項目。
- 取得海南1個污泥處理處置項目。
- 與蘇伊士環境集團成立合資公司，建造常州危廢處理項目。
- 啟動淄博中水回用項目二期擴建及博興污水處理項目擴建及升級改造。
- 投資建設安徽分佈式光伏發電項目。
- 寧波垃圾發電項目一期建成投運。
- 南京垃圾發電項目一期建成投運。
- 三亞垃圾發電項目一期建成投運。
- 壽光垃圾發電項目建成投運。





- ⊙ Pizhou Waste-to-energy Project completed construction and commenced operation.
- ⊙ Spun off environmental water business into a Singapore Exchange listed company through a reverse takeover and renamed as China Everbright Water Limited.
- ⊙ Acquired all stakes in Qingdao Waste Water Treatment Project from Veolia.
- ⊙ Established a joint venture with Sichuan Energy Investment Group Co., Ltd. to establish the Sichuan Everbright Energy Conservation and Environmental Protection Investment Co., Limited.
- ⊙ Increased waste processing fees for Changzhou Waste-to-energy Project, Jiangyin Waste-to-energy Project and Yixing Waste-to-energy Project.
- ⊙ Obtained RMB100 million subsidy from the National Development and Reform Commission.
- ⊙ Everbright Environmental Protection “EBEP” was officially authorized as a registered trademark.
- ⊙ Self-developed grate furnace product series received European Union’s CE Mark.
- ⊙ Selected as the Constituent Stock of Hang Seng Mainland 100 Index.
- ⊙ 邳州垃圾發電項目建成投運。
- ⊙ 通過反向收購一家於新加坡證券交易所上市的公司，分拆環保水務業務，並更名為「中國光大水務有限公司」。
- ⊙ 收購威立雅於青島污水處理項目的所有權益。
- ⊙ 與四川省能源投資集團有限責任公司合資成立四川光大節能環保投資有限公司。
- ⊙ 常州垃圾發電項目、江陰垃圾發電項目及宜興垃圾發電項目獲上調垃圾處理費。
- ⊙ 獲國家發展和改革委員會資金補助人民幣1億元。
- ⊙ 光大環保「EBEP」商標獲正式授權為註冊商標。
- ⊙ 自主研發爐排爐系列產品獲歐盟CE產品認證。
- ⊙ 獲納入恒生中國內地100指數成份股。





- Selected as the Constituent Stock of Hang Seng Corporate Sustainability Index for the first time.
- Selected as the Constituent Member of the Hang Seng Corporate Sustainability Benchmark Index for the fourth consecutive year.

### Environmental Safeguards

- Processed 5,365,000 tonnes of household waste, 57,000 tonnes of hazardous waste and 345,000 tonnes of agricultural waste.
- Generated a total of 1,982.53 GWh of green electricity and helped to reduce 2.26 million tonnes of CO<sub>2</sub> emissions, which have been increased by 28% and 22% respectively as compared with 2013.
- Treated a total of 584.79 million m<sup>3</sup> of waste water and 1.17 million m<sup>3</sup> of leachate to reduce 0.21 million tonnes of COD emissions.
- Around 82% of our total water consumption was from recycled water.

- 首次被納入恒生可持續發展企業指數成份股。
- 連續第四年被納入恒生可持續發展企業基準指數成份股。

### 環境保護

- 處理生活垃圾5,365,000噸、危險廢物57,000噸及農業廢物345,000噸。
- 合共提供綠色電力19.8253億千瓦時，有助減少226萬噸二氧化碳排放，較二零一三年分別增加28%及22%。
- 處理污水5.8479億立方米及滲濾液117萬立方米，COD減排210,000噸。
- 我們的總用水量約82%來自循環再利用水。

## Highlights in 2014 二零一四年摘要



- ⦿ As the Double Diamond Member of WWF – Hong Kong, our Everbright International Environmental Protection Charitable Foundation supported WWF's Earth Hour Hong Kong 2014 as the lead sponsor.
- ⦿ Signed a cooperation framework agreement with Chinese Society for Environmental Sciences on the promotion of environmental technology and public education on environmental science.

- ⦿ 作為世界自然基金會香港分會雙鑽石會員，光大國際環保公益基金首席贊助世界自然基金會香港「地球一小時2014」。
- ⦿ 與中國環境科學學會訂立合作框架協議，以加強宣傳推廣環保科技及環保科學公共教育。

### Harmonious Development with Our Employee

- ⦿ Ratio of remuneration of women to men is close to 1:1.
- ⦿ 100% retention rate of employees who returned to work after taking parental leaves.

### 與僱員之間的和諧發展

- ⦿ 男女薪酬比例接近1:1。
- ⦿ 百份之百的僱員於產假 / 侍產假後重返工作崗位。

### Contributing to Our Community

- ⦿ 51,737 people visited our environmental protection projects.
- ⦿ Our Dangshan Project Company donated more than RMB48,000 to the Everbright International True Love School in Dangshan county.

### 對我們社區的貢獻

- ⦿ 51,737人次參觀我們的環保項目。
- ⦿ 我們的碭山項目公司向碭山縣的光大國際愛心學校捐贈超過人民幣48,000元。

### Ensuring Health and Safety

- ⦿ All suppliers were undertaken safety training before commissioning of work.

### 確保健康與安全

- ⦿ 所有供應商在開展工作前已進行安全培訓。

## Our Materiality Assessment 實質性評估

We understand GRI G4 framework requires organization to report more explicitly on materiality issue. To prepare our first G4 sustainability report, we conducted a systematic materiality assessment with our independent consultant in 2014. According to the Company's Annual Report 2014, CEIL invests in over 120 projects which are or will be operating by our project companies, including operations located in the PRC and Germany (projects operated by former HanKore Environment are not covered by the reporting boundary). **G4-17** Our materiality assessment is the process of identifying and assessing numerous potential economic, environmental, social and governance issues that could affect our business, and/or stakeholders. These identified issues will then be condensed into a list of relevant topics that help us to define the specific content of this report and report concise information that gives a meaningful picture of our sustainability performance to all our stakeholders. For detailed steps, please refer to "Our Materiality Assessment" on page 10.

Material issues are closely related to both our stakeholders and CEIL. Based on our materiality assessment, we have identified numerous issues and topics relevant to our industry, concerns of our stakeholders, local contents and global trends, influencing our sustainable development within the boundaries of Hong Kong, mainland China and Germany, which remain the same as last year's. **G4-18, G4-23** These issues cover a variety of areas, where a few important issues are newly identified to be included in the scope of this report, especially the achievement of higher transparency by disclosing more environmental and social data such as air emission statistics, supply chain relationship, community outreach and so on. We also introduced how we create benefits for our stakeholders in an 'economic value perspective' in the new chapter 'Sustainable Economic Growth'. **G4-23** We have selected the top 15 priorities from our stakeholders based on the ad-hoc stakeholder engagement exercise, which form the base of material aspects for this report. For more information on stakeholder engagement, please refer to "Stakeholder Engagement" of this report.

With due consideration of the importance to stakeholders and significance to our business, we pay extra attention and focus on the priority areas, in which we will report them in details under this report.

For 2013 reporting year, we have a restatement on the environmental compliance issue. Please refer to the "Environmental Compliance and Grievance" section under the chapter of Safeguarding the Environment for details. **G4-22**

我們瞭解GRI G4框架要求機構更加明確地報告實質性議題。為編製我們首份G4可持續發展報告，我們於二零一四年與獨立顧問進行系統的實質評估。根據本公司二零一四年年報，光大國際投資並由項目公司運營或將運營的項目超過120個(包括位於中國及德國的運營項目，前漢科環境營運的項目並不涵蓋在本報告邊界內)。**G4-17**我們的實質性評估為識別及評估多項可能對我們的業務、及/或持份者造成影響而可能涉及經濟、環境、社會及管治議題的過程，並濃縮為相關主題，有助我們定義本報告的具體內容及報告準確的資料，向所有持份者提供有意義的可持續發展表現資料。有關詳細步驟，請參閱第10頁「實質性評估」。

實質性議題與光大國際及其持份者息息相關。基於我們的實質性評估，我們已識別眾多與行業、持份者所關心的、與本地化及全球趨勢相關的議題及主題，該等議題及主題影響我們在香港、中國內地及德國境內的可持續發展，報告邊界與去年維持不變。**G4-18、G4-23**該等議題涵蓋多個領域，其中部分為新識別及將被納入本報告的實質性議題，特別是在提升透明度的前題下披露了更多環境及社會數據，如空氣排放統計數據、供應鏈關係、社區關懷等的資料。我們亦在「可持續經濟增長」新章節內引入「經濟價值觀念」，以顯示光大國際如何為持份者創造利益。**G4-23**我們已根據特設的持份者參與活動於持份者中甄選出15個需優先關注議題，構成本報告實質性方面的基礎。有關持份者參與的更多資料，請參閱本報告「持份者的參與」。

充分考慮到優先關注議題對持份者及我們業務的重要性，我們特別關注及重視這些優先領域，並將於本報告內詳細呈報有關內容。

對於二零一三年報告年度，我們有一項環保合規事宜的重訂。有關詳情，請參閱保護環境章節的「環境合規及投訴」。**G4-22**

## Our Materiality Assessment 實質性評估

The materiality assessment was basically conducted in 4 stages **G4-18** :  
實質性評估大致上分4個階段進行 **G4-18** :

### (Stage 1) Identification of Relevant Topics: (第一階段) 確定相關主題 :

With due consideration of the GRI Aspects list and wider sustainability context, the independent consultant thoroughly reviewed all CEIL's internal publications including monthly magazines and bi-weekly newsletters, media articles and other relevant reports which record our key activities, products and relationships to identify relevant topics that may reasonably be considered important for reflecting our economic, environmental and social impacts or influencing the assessments and decisions of our stakeholders.

經由充分考慮GRI方面清單及更廣泛的可持續發展情況，獨立顧問詳細檢閱了光大國際的所有內部刊物作詳細檢視，包括記錄我們主要活動、產品及關係的月刊及雙週刊物、媒體報導及其他相關報告，以確定能合理地反映我們的經濟、環境及社會影響或對我們持份者的評估及決策而言具重要性的相關主題。

### (Stage 2) Prioritization of Material Issues: (第二階段) 實質性議題的優先排序 :

Our independent consultant assessed the materiality and level of coverage of each aspect based on its significance of economic, environmental and social impacts and its substantive influence on the assessments and decision of stakeholders. Meanwhile, an ad-hoc stakeholder interview was conducted to identify the priority issues of approximately 20 representative stakeholders from different groups, which serves as an important reference for prioritizing the material issues. After completing the analysis, a matrix of material topics was produced to visualize the prioritized Aspects.

我們的獨立顧問根據實質性方面對經濟、環境及社會影響及對持份者的評估及決策的影響，評估其實質性及涵蓋範疇。與此同時，我們安排了一次特別的持份者參與活動，通過進行會談以確定來自不同組別約20名持份者代表關注的優先議題，作為實質性問題優先排序的重要參考。完成分析後，我們制作了一個實質性主題矩陣，以直觀地呈現經優先排序的實質性方面。

### (Stage 4) Materiality Review: (第四階段) 實質性檢視 :

We will review the material aspects that were reported, and identify the gaps for our improvement. Materiality assessment will be carried out on a regular basis to review and update the material aspects of CEIL. Ongoing stakeholder engagement activities will be conducted to collect stakeholders' views on issues that are material, as well as their feedbacks on the content of previous sustainability reports. We believe that this assessment not only contributes to corporate sustainability reporting, but also helps to develop our long-term sustainability goals and strategies.

我們將檢視報告的實質性方面，並識別需要改善的空間。我們將會定期進行實質性評估，以檢視及更新光大國際的實質性方面。持份者參與活動亦將持續進行，以收集持份者對實質性議題的意見，以及持份者對過往的可持續發展報告內容的反饋。我們認為，該評估不僅有利於企業可持續發展的報告，亦有助於發展我們長期的可持續發展目標及策略。

### (Stage 3) Validations of the Results: (第三階段) 驗證結果 :

The independent consultant presented the results to the senior management of CEIL, who affirmed that the identified material aspects were significant to CEIL's long-term sustainability and ensured that the report will provide a reasonable and balanced representation of our sustainability performance within and outside of the Company during the reporting period, including both positive and negative impacts. The material issues being validated are translated into standard disclosures. We have established a mechanism in our Operation Management Centre to collect and manage data from all subsidiaries for disclosure.

獨立顧問向光大國際的高層管理人員呈列結果，確認對光大國際的長期可持續發展而言具重要性的實質性方面，及確保報告將提供於報告期內合理及均衡代表本公司內外可持續發展的表現(包括正面及負面影響)。驗證後的實質性議題將轉為標準披露。我們已於運營管理中心建立機制以收集及管理來自所有項目公司的數據作為披露之用。

## Sustainability Priorities 可持續發展的優先排序



# Our Materiality Assessment 實質性評估

Top Priority on Identified Material Aspects in 2014 (G4-19) 於二零一四年已識別的優先考量的實質性方面 (G4-19)			Stakeholder Groups 持份者類別					
			Within CEIL (G4-20) 光大國際內部 (G4-20)		Outside CEIL (G4-21) 光大國際外部 (G4-21)			
Categories 類別	Material Aspects 實質性方面	IS	E	G	L	BS	M	A
1	Corporate Governance 企業管治	√	√	√	√	√	√	√
2	Business Growth 業務增長	√	√	√	√	√	√	√
3	Financial Performance 財務表現	√	√	√		√	√	√
4	Research & Development 研發	√	√	√		√	√	√
5	Operational Efficiency 運營效率	√	√	√	√	√	√	√
6	Supply Chain Management 供應鏈管理	√	√	√	√	√	√	√
7	Industry Partnership 行業合作伙伴	√	√	√		√	√	√
8	Health & Safety 健康與安全	√	√	√	√	√	√	
9	Staff Relations & Development 員工關係及發展	√	√				√	√
10	Equal Opportunity 平等機會		√	√	√		√	
11	Maintaining Air Quality 維護空氣質素	√	√	√	√	√	√	√
12	Protecting Natural Habitats 保護自然生態	√	√	√	√	√	√	√
13	Climate Change Mitigation 減緩氣候變化	√	√	√	√	√	√	√
14	Community Outreach 社區拓展	√	√	√	√	√	√	√
15	Green Education 環保教育	√	√	√	√		√	√

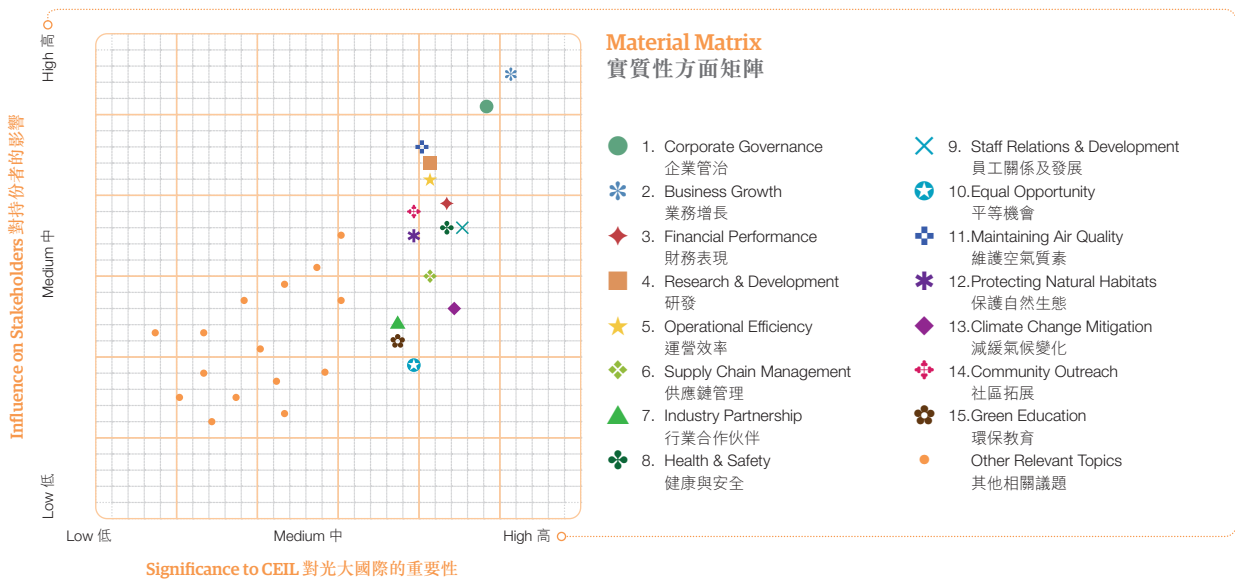
Remarks:

IS: Investors/Shareholders, E: Employees, G: Governments,  
L: Local Communities, BS: Business Partners/Suppliers, M: Media;  
A: Investment Analyst

備註:

IS: 投資者 / 股東, E: 僱員, G: 政府, L: 當地社區,  
BS: 業務伙伴 / 供應商, M: 傳媒, A: 投資分析師

## Our Top Priority on Material Aspects in 2014 於二零一四年我們優先考量的實質性方面



The 15 Identified Material Aspects with highest priority can be referenced to relevant GRI Material Aspects. The table below demonstrates the relevancy between them.

該等15個已識別的實質性方面可以與GRI的實質性方面相連結。下表顯示彼此之間的關係。

15 Identified Material Aspects with Highest Priority 15個可識別優先處理的實質性方面	Relevant GRI Material Aspects 相關GRI實質性方面	
1. <b>Corporate Governance</b> 企業管治	Society – • Anti-corruption • Public Policy • Anti-competitive Behaviour • Compliance	社會 – • 反貪腐 • 公共政策 • 反競爭行為 • 合規
2. <b>Business Growth</b> 業務增長	Strategy and Analysis Economic – Economic Performance	策略及分析 經濟 – 經濟表現
3. <b>Financial Performance</b> 財務表現	Economic – Economic Performance	經濟 – 經濟表現
4. <b>Research &amp; Development</b> 研發	Economic – Research and Development Strategy and Analysis	經濟 – 研發 策略及分析
5. <b>Operational Efficiency</b> 運營效率	Environment – Energy Economic – • Availability and Reliability • System Efficiency	環境 – 能源 經濟 – • 可用性 & 可靠性 • 系統效率
6. <b>Supply Chain Management</b> 供應鏈管理	Economic – Procurement Practices Supplier Assessment for Impacts on Environment, Labor Practices, Human Rights, and Society	經濟 – 採購行為 有關環境、勞工守則、人權及社會影響的供應商評估
7. <b>Industry Partnership</b> 行業合作伙伴	Economic – • Indirect Economic Impacts • Research and Development	經濟 – • 間接經濟影響 • 研發
8. <b>Health &amp; Safety</b> 健康與安全	Labor Practices and Decent Work - Occupational Health and Safety Society – Disaster / Emergency Planning and Response Product Responsibility – Customer Health and Safety	勞工守則及合理工作 – 職業健康與安全 社會 – 災難 / 應急計劃及反應 產品責任 – 客戶健康與安全
9. <b>Staff Relations &amp; Development</b> 員工關係及發展	Labor Practices and Decent Work – • Employment • Labor / Management Relations • Training and Education Economic – Market Presence	勞工守則及合理工作 – • 僱傭 • 勞資關係 • 培訓及教育 經濟 – 市場表現
10. <b>Equal Opportunity</b> 平等機會	Labor Practices and Decent Work – • Diversity and Equal Opportunity • Equal Remuneration for Women and Men • Labor Practices Grievance Mechanisms Human Rights – Non-discrimination	勞工守則及合理工作 – • 多樣化及平等機會 • 男女同工同酬 • 勞工問題申訴機制 人權 – 非歧視
11. <b>Maintaining Air Quality</b> 維護空氣質素	Environment – • Energy • Emission • Compliance	環境 – • 能源 • 排放 • 遵守法規
12. <b>Protecting Natural Habitats</b> 保護自然生態	Environment – • Materials • Water • Effluents and Waste • Biodiversity • Compliance	環境 – • 物料 • 水 • 污水及廢物 • 生物多樣性 • 遵守法規
13. <b>Climate Change Mitigation</b> 減緩氣候變化	Environment – • Emission • Compliance	環境 – • 排放 • 遵守法規
14. <b>Community Outreach</b> 社區拓展	Society – Local Communities Human Rights – Indigenous Rights Assessment Environment – Environmental Grievance Mechanisms	社會 – 當地社區 人權 – 少數族裔權利評估 環境 – 環境問題申訴機制
15. <b>Green Education</b> 環保教育	Environment – • Biodiversity • Overall Society – Local Communities	環境 – • 生物多樣性 • 整體環境情況 社會 – 當地社區

## Stakeholder Engagement 持份者的參與



Building a harmonious relationship with stakeholder contributes to a long term company success. We welcome and take seriously the views of our valuable stakeholders by initiating genuine stakeholder engagement exercise on a regular basis with the aim to strengthen the mutual trust and respect. Stakeholder engagement is an ongoing process between CEIL and its stakeholders that extends throughout the life of the project and encompasses a range of activities and approaches. We have identified our key stakeholder groups including governments, employees, local communities, investors/shareholders, business partners/suppliers, and media based on the following 5 key factors:

**Responsibility** – stakeholders linked to us through legal, financial, operational regulations, contracts, and/or policies.

**Influence** – stakeholders with formal decision making power or informal influence.

**Proximity** – stakeholders who live close to our operating plants and that we interact closely with.

**Dependency** – stakeholders who are most dependent on our operations.

**Representation** – stakeholders who are representatives from various sectors. **G4-25**

公司長遠的成功有賴與持份者建立融洽的關係。我們歡迎並且認真看待持份者的寶貴意見，並定期推行活動鼓勵持份者的實質參與，旨在加強彼此的互信和尊重。持份者的參與是光大國際與其持份者進行的持續過程，貫穿整個項目周期，並涵蓋一系列的活動及方針。我們根據以下五個要素區分主要持份者組別(包括政府、僱員、當地社區、投資者 / 股東、業務伙伴 / 供應商及媒體)：

**責任**—通過法律、財務、運營規則、合約及 / 或政策與我們連繫的持份者。

**影響力**—具有正式決策權或非正式影響力的持份者。

**鄰近性**—居於我們運營廠房附近及與我們相互關係密切的持份者。

**倚靠性**—在很大程度上倚靠我們業務運營的持份者。

**代表性**—來自不同界別的持份者。 **G4-25**



CEIL has developed a stakeholder participation plan for all our project companies to follow. The plan sets out requirements for carrying out meaningful consultations with concerned stakeholders and affected people (if any). For every single project, we carry out stakeholder engagement exercises in a culturally appropriate manner to provide opportunities for stakeholders to express their views and concerns during project concept stage, detailed assessment stage, project construction stage and project operation stage, and allow us to consider and respond to them.

光大國際已制定持份者參與計劃供所有項目公司遵守。該計劃載列與有關持份者及受影響群眾(如有)進行有意義的諮詢的規定。就每個項目而言，我們以切合持份者文化的方式進行持份者參與活動。讓持份者於項目概念階段、詳細的評估階段、項目建設階段及項目運營階段為持份者提供機會表達其意見及所關注的事項，讓我們考慮並作出回應。

We have followed these key principles of effective engagement:

我們一直遵守該等有效參與的主要原則：

- 🌿 Providing meaningful information in a format and language that is readily understandable and tailored to the needs of the target stakeholder groups
 🌿 以方便理解而且迎合目標持份者類別需要的方式及語言提供有意義的資訊
- 🌿 Providing information of consultation activities and decision making in advance
 🌿 在諮詢活動及決策之前提供資訊
- 🌿 Disseminating information in ways and locations that make it easy for stakeholders to access it
 🌿 以方便持份者獲取資訊的方式及位置發佈資訊
- 🌿 Respect for local traditions, languages, timeframes, and decision making processes
 🌿 尊重當地傳統、語言、期限及決策過程
- 🌿 Two-way dialogue that gives both sides the opportunity to exchange views and information, to listen, and to have their issues heard and addressed
 🌿 雙向溝通，讓雙方有機會交換意見及資訊、聆聽並著手處理對方的問題
- 🌿 Inclusiveness in representation of views, including women, vulnerable and/or minority groups
 🌿 全面考慮涵蓋女性、弱勢及 / 或少數族群的意見
- 🌿 Processes free of intimidation or coercion
 🌿 持份者參與過程中並無採用脅迫或強制手段
- 🌿 Clear mechanisms for responding to people's concerns, suggestions and grievances
 🌿 設立高透明度的機制回應群眾的關注、建議及申訴
- 🌿 Incorporating feedback into project or programme design, and reporting back to stakeholders
 🌿 於項目及計劃設計內加入持份者反饋，並向持份者報告

## Stakeholder Engagement 持份者的參與

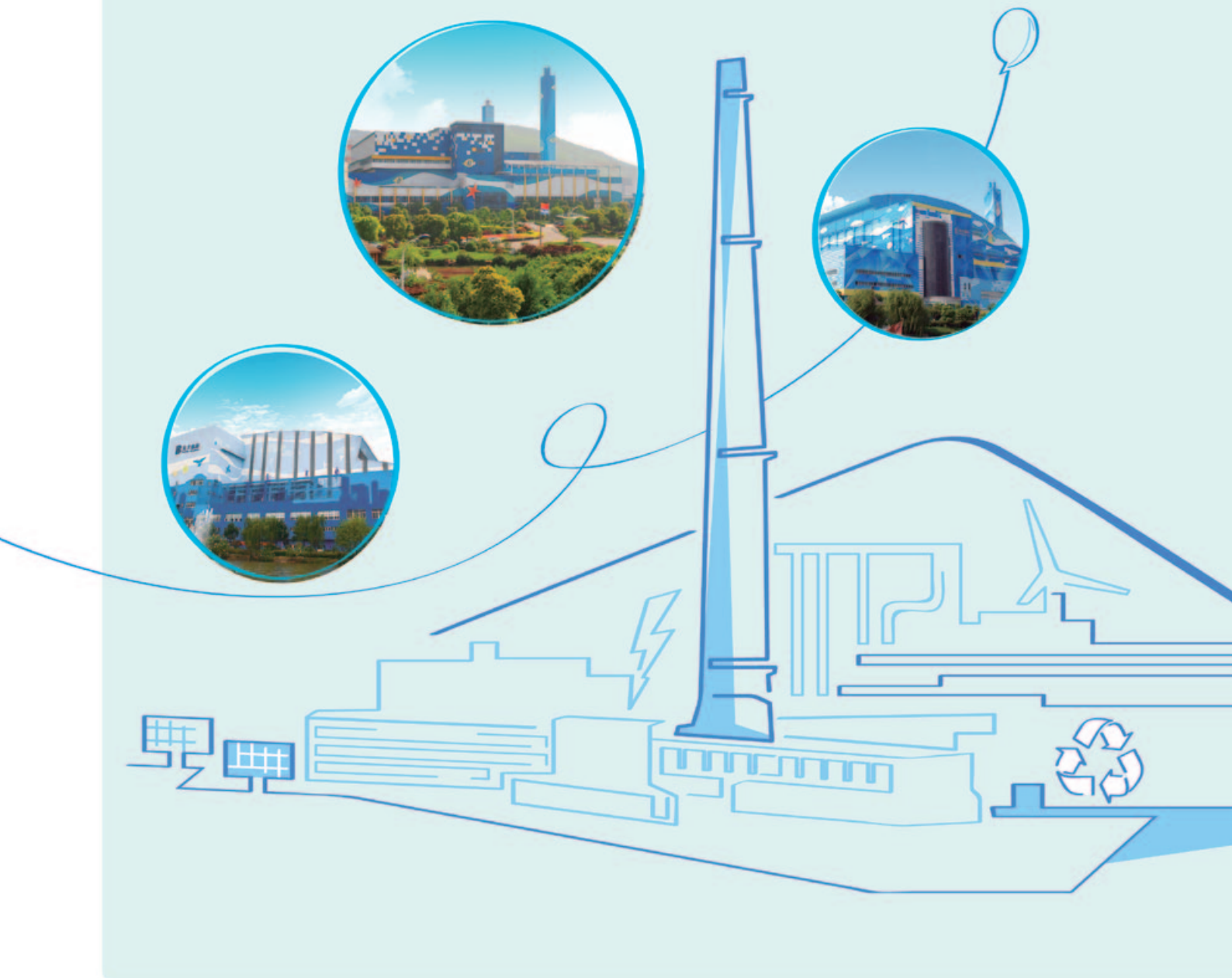
Stakeholder Groups (G4-24) 持份者類別 (G4-24)	Channels of Engagement / Communication 參與 / 溝通途徑	Frequency/ Time of Engagement (G4-26) 參與頻率 / 時間 (G4-26)	Issues of Highest Concern (G4-27) 優先考慮事項 (G4-27)
<b>Governments</b> 政府	<ul style="list-style-type: none"> <li>› Progress report 進度報告</li> <li>› Site visit 現場考察</li> <li>› Meeting 會議</li> </ul>	<ul style="list-style-type: none"> <li>› Weekly, monthly, quarterly 每週、每月、每季度</li> <li>› Ad-hoc 臨時</li> </ul>	<ul style="list-style-type: none"> <li>› Operation and environmental performance 運營及環境表現</li> <li>› Community impact 對社區的影響</li> </ul>
<b>Employees</b> 僱員	<ul style="list-style-type: none"> <li>› Annual performance appraisal meeting 年度表現評估會議</li> <li>› Symposium 研討會</li> <li>› Workshops 工作坊</li> <li>› Website 網站</li> </ul>	<ul style="list-style-type: none"> <li>› Year end 年末</li> <li>› Before / After construction work and important milestones 工程施工及重要里程碑之前 / 之後</li> <li>› At the commencement of operation 運營開始時</li> <li>› Ad-hoc 臨時</li> </ul>	<ul style="list-style-type: none"> <li>› Remuneration and fringe benefit 薪酬及福利待遇</li> <li>› Internal recruitment 內部競聘</li> <li>› Employee development 僱員發展</li> <li>› Working environment 工作環境</li> <li>› Work-life balance 工作和生活之間的平衡</li> </ul>
<b>Investors / Shareholders</b> 投資者 / 股東	<ul style="list-style-type: none"> <li>› Annual / Extraordinary general meeting 週年 / 特別股東大會</li> <li>› Press release/ Announcements 新聞稿 / 公告</li> <li>› Annual / Interim reports 年報 / 中期報告</li> <li>› Circular 通函</li> <li>› Meeting 會議</li> </ul>	<ul style="list-style-type: none"> <li>› Year end / Interim 年末 / 中期</li> <li>› Regular 定期</li> <li>› Ad-hoc 臨時</li> </ul>	<ul style="list-style-type: none"> <li>› Business prospects 業務前景</li> <li>› Financial performance 財務業績</li> <li>› Corporate governance 企業管治</li> <li>› Corporate responsibility performance 企業責任表現</li> </ul>
<b>Local Communities</b> 當地社區	<ul style="list-style-type: none"> <li>› Site visit 現場考察</li> <li>› Symposium 研討會</li> <li>› Forum 論壇</li> <li>› Survey 調查</li> <li>› Hearing meeting 公聽會</li> </ul>	<ul style="list-style-type: none"> <li>› Before construction work 工程施工前</li> <li>› Regularly during operation stage 於運營階段定期</li> <li>› Ad-hoc 臨時</li> </ul>	<ul style="list-style-type: none"> <li>› Safety 安全</li> <li>› Environmental impacts 環境影響</li> <li>› Risk management 風險管理</li> <li>› Economic contribution 經濟貢獻</li> </ul>

Stakeholder Groups 持份者類別 (G4-24)	Channels of Engagement / Communication 參與 / 溝通途徑 (G4-24)	Frequency/ Time of Engagement (G4-26) 參與頻率 / 時間 (G4-26)	Issues of Highest Concern (G4-27) 優先考慮事項 (G4-27)
<b>Business Partners / Suppliers</b> 業務伙伴 / 供應商	<ul style="list-style-type: none"> <li>› Site visit 現場考察</li> <li>› Meeting 會議</li> </ul>	<ul style="list-style-type: none"> <li>› Weekly 每週</li> <li>› Ad-hoc 臨時</li> </ul>	<ul style="list-style-type: none"> <li>› Business development 業務發展</li> <li>› Occupational health and safety 職業健康與安全</li> </ul>
<b>Media</b> 媒體	<ul style="list-style-type: none"> <li>› Site visit 現場考察</li> <li>› Press release 新聞稿</li> <li>› Website 網站</li> </ul>	<ul style="list-style-type: none"> <li>› Regular 定期</li> <li>› Upon request 有需要時</li> <li>› Ad-hoc 臨時</li> </ul>	<ul style="list-style-type: none"> <li>› Business prospects 業務前景</li> <li>› Corporate responsibility performance 企業責任表現</li> </ul>
<b>Investment Analysts</b> 投資分析師	<ul style="list-style-type: none"> <li>› Site visit 現場考察</li> <li>› Meeting 會議</li> <li>› Press Release / Announcements 新聞稿 / 公告</li> <li>› Annual / Interim reports 年報 / 中期報告</li> </ul>	<ul style="list-style-type: none"> <li>› Regular 定期</li> <li>› Ad-hoc 臨時</li> </ul>	<ul style="list-style-type: none"> <li>› Operation efficiency 運營效率</li> <li>› Environmental protection performance 環保表現</li> <li>› Corporate Governance 企業管治</li> <li>› Project construction and operation status 項目建設及運營情況</li> </ul>

Stakeholder participation plan will be reviewed on a regular basis to fine tune and further enhance its effectiveness. We are committed to developing a more extensive stakeholder engagement exercise in the future to better reflect and respond to our stakeholder views and concerns. (G4-27)

我們定期檢討持份者參與計劃以優化及進一步提升其效能。我們致力於未來制定更全面的持份者參與活動，以更有效反映持份者的意見及關注並作出回應。(G4-27)

# Committed to Creating a More Sustainable Environment 致力環保產業 創造美好環境



Corporate Structure  
企業架構



CEIL, listed on the main board of The Stock Exchange of Hong Kong Limited ("SEHK"), is the flagship company for business investment of China Everbright Group, specializing in environmental protection and alternative energy businesses. As of 31 December 2014, we have 1,910 employees working at our operating plants in the PRC. Our consolidated turnover was HKD6.36 billion. Other economic performances in the recent 3 years are summarized in the key Statistics on Page 84 of this report.

光大國際於香港聯合交易所有限公司(「聯交所」)主板上市，為中國光大集團投資實業之旗艦公司，主力從事環保及新能源業務。截至二零一四年十二月三十一日，我們在中國的運營廠房僱用了1,910名員工。我們的綜合營業額為港幣63.6億元。最近三年的其他經濟表現概述於本報告第84頁之主要數據。

Since our move to the environmental protection business in 2003, we have formed a complete value chain of environmental project investment, construction and engineering, operational management, technology development and equipment manufacturing. As the first one-stop integrated environmental solution provider in the PRC, our principal activities are construction, operations of environmental protection projects in 3 business sectors, namely, Environmental Energy (waste-to-energy projects, methane-to-energy projects, industrial solid waste landfill projects and hazardous waste landfill projects), Environmental Water (waste water treatment projects, reusable water projects and waste water source heat pump projects), and Alternative Energy (photovoltaic energy projects, biomass utilization projects and wind power projects).

自二零零三年轉型發展環保業務以來，我們已形成包括環保項目投資、工程建設、運營管理、技術研發及設備製造的完整產業鏈。作為國內首家提供一站式綜合環保解決方案供應商，我們的主要業務為建造及運營3個業務板塊，即環保能源(垃圾發電項目、沼氣發電項目、工業固體廢物填埋項目及危險廢物填埋項目)、環保水務(污水處理項目、中水回用處理項目及污水源熱泵項目)及新能源(光伏發電項目、生物質綜合處理項目及風力發電項目)。



### Our Vision 我們的願景

Becoming the world leading player in the green environmental protection and alternative energy industries

致力發展成為世界綠色環保及新能源領域的翹楚



### Our Mission 我們的使命

#### 我們的使命

Creating beautiful environment and giving back to the public

創造美好環境，回饋社會大眾



### Core Values 核心價值

An enterprise is not only the Creator of Wealth, but also the Safeguard of Environmental and Social Responsibility

企業不僅是物質財富的創造者，更應成為環境與責任的承擔者

As at 31 December 2014, we had secured 122 environmental protection projects, commanding a total investment of approximately RMB30.27 billion. Of these projects, those that had completed construction accounted for a total investment of approximately RMB14.61 billion, while those currently under construction accounted for approximately RMB4.45 billion. We have a strong presence in Jiangsu, Shandong, Zhejiang, Hainan, Guangdong and Anhui provinces of the PRC as well as an overseas project in Germany. We manage the construction and operation of these infrastructure projects carefully to minimize their environmental and social impacts. More details are covered in the chapters of “Safeguarding the Environment” and “Community Contribution”.

During the reporting period, we received government subsidies of HKD13.96 million. We also continued to receive tax benefits in the PRC, where the value-added tax refund was HKD100.22 million.

The table below provides a visual illustration on the direct economic value we generated and distributed, as well as how we bring wealth to our stakeholders and local economy.

截至二零一四年十二月三十一日，我們已落實的環保項目達122個，總投資額約人民幣302.7億元。其中，已竣工項目總投資額約人民幣146.1億元；在建項目的總投資額約人民幣44.54億元。我們於中國江蘇、山東、浙江、海南、廣東及安徽等省份佔重要的席位，並於德國運營一個海外項目。我們謹慎管理這些基礎設施項目的建設及運營，以盡量降低對環境及社會的影響。更多詳情載於「保護環境」及「社區貢獻」章節。

於報告期內，我們獲得政府補貼港幣1,396萬元。此外，我們繼續獲得國家稅務優惠，其中增值稅退稅為港幣1.0022億元。

下表說明我們所產生及分配的直接經濟價值，以及我們如何為持份者及當地經濟創造財富。

Stakeholders 持份者	Financial aspect 財務方面	2014 HKD'000 二零一四年 (港幣千元)	2013 HKD'000 二零一三年 (港幣千元)
		<b>Economic value generated 所產生的經濟價值</b>	
Governments/General public 政府 / 公眾	Revenue 收益	<b>6,355,120</b>	5,319,866
		<b>Economic value distributed 所分配的經濟價值</b>	
Business partners and suppliers 業務合伙人及供應商	Operating costs 運營成本	<b>2,615,104</b>	2,350,373
Employees 僱員	Staff expense 員工開支	<b>538,965</b>	379,531
Lenders 借款人	Finance costs 融資成本	<b>380,775</b>	315,579
Shareholders 股東	Dividends 股息	<b>493,209</b>	366,066
Governments 政府	Income tax 所得稅	<b>533,990</b>	447,455
Local communities 當地社區	Donations 捐款	<b>1,470</b>	938
		<b>Economic value retained 所保留的經濟價值</b>	
		<b>1,791,607</b>	1,459,924

As for our significant indirect economic impacts, many of our plants locate in non-developed areas, and our operations can promote the economic development in these areas by providing job opportunities and improving infrastructure services. We also reduce the pollution control cost and stimulate investment opportunity of our operating areas by transforming the waste materials into green energy.

### Our Energy Business

In the PRC, the electricity generated by our Environment Energy projects is regarded as renewable energy, and the electricity generated is purchased by the power grid companies under the Renewable Energy Law. As of 31 December 2014, we have a total of 20 government accounts. The aggregated daily processing capacity of our operating waste-to-energy plants is 14,550 tonnes, with average generation efficiency at 20.89%, sending approximately 1,364,992,783 kWh of electricity to the power grid. We managed a total of 124.26km of transmission lines (Above ground: 114.96km; Underground: 9.30km) (110kV: 60.70km; 35kV: 46.83km; 20kV: 0.1km; 10kV: 16.63km). Transmission and distribution losses are negligible as the electricity is transferred to nearby power grid companies via short length of lines.

### Our Business Partners and Suppliers

Our suppliers provide a variety of services covering plant maintenance, raw material supplies on activated carbon, safety equipment monitoring services, processing and refining services, property management, cleaning services, landscape and greening services and so on. Engagement of new suppliers follows a comprehensive selection process based on what suits our business needs. On top of that, our company is highly aware of whether the new suppliers have healthy labour practices, environmental protection practices, positive human right and social impacts, etc, and will exercise relevant due diligence prior to our formal engagement. Each of our project companies has its own screening criteria during the selection process. The criteria covers many aspects including safety, health, environment, labour practices, integrity, quality and pricing. Suppliers are required to provide relevant corporate business licenses and other safety licenses with reference to applicable national laws and regulations. We are highly aware of health and safety issues in our company, which also applies to our suppliers. For instance, depending on the services and supplies to be provided, suppliers are required to purchase life accident insurance for the contract staff which covers a minimum value of RMB600,000 prior to our formal engagement.

關於我們的重大間接經濟影響方面，我們許多廠房位於非發達地區，且我們的運營可通過提供就業機會及改善基礎設施服務推動該等地區的經濟發展。此外，我們透過將廢料轉化為綠色能源降低我們經營地區的污染控制成本及刺激投資機會。

### 我們的能源業務

在中國，我們的環保能源項目所產生的電力被視為可再生能源，且所產生的電力由電力公司按《可再生能源法》購買。截至二零一四年十二月三十一日，我們共有20個政府客戶。我們所運營垃圾發電廠的綜合日處理規模為14,550噸，平均發電效率為20.89%，並網發電1,364,992,783千瓦時。我們共管理124.26公里輸電線路(地上：114.96公里；地下：9.30公里) (110千伏：60.70公里；35千伏：46.83公里；20千伏：0.1公里；10千伏：16.63公里)。由於有關電力是透過短距線路輸送給鄰近電力公司，故輸配損失可予忽略。

### 我們的業務伙伴及供應商

我們的供應商提供各種服務，涵蓋廠房維護、活性碳的原材料供應、安全設備監控服務、加工及精煉服務、物業管理、清潔服務、園林及綠化服務等。按照業務的需求，我們透過全面的甄選程序聘請供應商。除此之外，新供應商是否擁有健全的勞工守則、環保常規、正面的人權及社會影響等，都是本公司關注的重點。我們在正式聘請前均會進行相關的盡職調查。於甄選過程中，各項目公司均有自身的篩選標準。標準涵蓋安全、健康、勞工守則、誠信、質量及定價等多方面。參照適用的國家法律及法規，供應商須提供相關的公司營業執照及其他安全牌照。我們十分關注本公司及供應商有關健康與安全的問題。例如，在我們正式聘請前，供應商須根據將提供的服務及供應為其合約員工購買保額至少為人民幣600,000元的人身意外保險。



The Company also maintains a high quality standard on all suppliers and contractors. We have a standard approach and criteria to assess the performance of suppliers and contractors on different aspects. In the case that a supplier or contractor is found with poor performances in environmental protection practices, labor practices, human rights or social impacts, it will be placed under a black list and future engagement will be restricted.

In 2014, as part of CEIL's supply chain, we have engaged a total number of 1,841 suppliers and contractors. In particular, we paid a total amount of RMB178,860,281 to our suppliers, of which RMB85,027,157 was paid to local suppliers to support local economic development. With our established monitoring system and comprehensive approach on supplier assessment, we have not identified any case on significant actual and potential negative impacts on environment, labor practices, human rights, and society in the supply chain. However, a certain number of suppliers are placed under the Company's black list due to unsatisfactory performance on services quality.

### Managing Risks and Opportunities

We are committed to building a comprehensive risk management culture by adopting precautionary principle, which can prevent us from suffering market, regulatory and environmental risks. We have set up a Risk Management Advisory Committee to monitor and assess risks regularly, boost related management standards and evaluate investment projects. Regarding technological risk management, we have in place an Engineering and Technology Management Committee in place, who is responsible for assessing the technologies used in different investment projects. We also monitor and discover the market direction in real-time in order to capture the best opportunities.

As dealing with climate change is one of the key concerns of our stakeholders, we have identified the risk and opportunity driven by climate change to better plan ahead. On one hand, our clean energy business is benefited from strong and clear government policies on low-carbon development. For instance, the *Catalog for Prioritized Low-Carbon Technologies Promoted by the State* revealed that the government has planned to invest RMB26 billion in the upcoming 5 years for the development of waste-to-energy technology. On the other hand, the improved laws governing environmental protection industry, such as the new Environmental Protection Law of PRC and the *Water Pollution Control Action Program* have been imposed a more restrictive condition for our operations. The key risks and opportunities from climate change are summarized below:

本公司要求所有供應商及承包商保持高品質標準。我們制定了從不同方面評估供應商及承包商表現的標準方法及標準。如發現供應商或承包商在環保常規、勞工守則、人權或社會影響方面表現欠佳，將被列入黑名單及限制日後聘請。

於二零一四年，我們合共聘請1,841名供應商及承包商作為光大國際供應鏈的一部份。據此，我們向供應商支付總額人民幣178,860,281元，其中向項目當地供應商支付人民幣85,027,157元，以支持當地經濟發展。由於我們就供應商評估設立監控制度及全面方針，我們尚未發現供應鏈對環境、勞工守則、人權及社會影響方面造成重大實際及可能產生負面影響的任何個案。然而，由於服務品質表現不理想，仍有若干供應商被本公司列入黑名單。

### 管理風險及機遇

我們致力於透過採納預防準則建立健全的風險管理文化，從而使我們避免市場、監管及環境風險。我們已設立風險管理評審委員會負責定期進行風險監督及檢查，以提升風險評估水平及審核項目投資。在技術風險管理機制上，我們設立工程技術管理委員會負責在投資項目的技術方面作出評審。此外，我們亦會實時洞悉市場方向，捕捉最佳機遇。

應對氣候變化是我們持份者的重要關切之一，我們已識別氣候變化所產生的風險及機遇，以更好地規劃未來。一方面，我們的清潔能源業務受惠於政府強大清晰的低碳發展政策。例如，《國家優先推廣的低碳技術目錄》表明政府已計劃於未來五年投資人民幣260億元發展垃圾發電技術。另一方面，環保行業監管法律不斷完善，如已經批准的《中華人民共和國新環境保護法》及《水污染防治行動計劃》將增加對我們的經營環境帶來限制。氣候變化帶來的主要風險及機遇概述如下：

Risk or opportunity driver 風險或機遇源頭	Category 類別	Type of consequence 結果類別	Potential impact 潛在影響
Governments' incentive on developing sustainable and low-carbon economy through renewable technology 政府透過鼓勵可再生技術發展可持續及低碳經濟	Regulatory and Market 監管及市場	Financial 財務	Increased subsidies from the governments and business opportunities 政府補貼及商機增加
More and more stringent environmental protection regulations in combating climate change and pollution will be implemented 實施越來越多嚴苛的應對氣候變化及污染環保法規	Regulatory 監管	Financial, Operational change 財務、轉變經營	Increased investment in equipment control and higher risk of penalties 設備控制投資的增加及處罰風險的提高
Extreme weather such as high temperature, typhoon and flooding due to the change in the climate 氣候變化導致的高溫、颱風及水災等極端天氣	Physical 實體	Financial, Health and safety, Operation and system 財務、健康與安全、運營及制度	Physical injury on the employees, decreased operation efficiency 僱員人身受傷害，運營效率降低

## Innovation through Research and Development

We have kept investing in and improving our research and development capacity. During the reporting period, the Company was granted 3 software copyright licences and 17 patents, of which 7 were invention patents and 10 were utility invention patents.

Since its establishment in 2012, our Changzhou Environmental Equipment Manufacturing Centre has been developed into a comprehensive high-tech manufacturing hub, integrating R&D, production and sales models. The main R&D works cover household waste grate furnaces and automatic control systems, flue gas purification systems and equipment, household waste leachate treatment systems and equipment for waste water treatment.

## 研發創新

我們持續加大投資及致力提高研發能力。於報告期內，本公司新獲授權軟體著作權3項及發明專利17項；其中發明專利7項，實用型專利10項。

自二零一二年成立以來，我們的常州環保設備製造中心已發展成為集研發、生產及銷售為一體的綜合高科技製造中心。主要研發成果包括生活垃圾焚燒爐排爐及自控系統、煙氣淨化系統及設備、生活垃圾滲濾液處理系統，以及污水及污泥處理設備。



In November 2014, CEIL's equipment manufacturing centre has obtained the approval from the Jiangsu Provincial Department of Science and Technology as the "Jiangsu Provincial Solid Waste Detoxification and Resource Utilization Engineering and Technology Research Centre", and will be licensed in the beginning of 2015. The Research Centre is the first operating unit of CEIL's equipment manufacturing centre to be certified by provincial technical centre, and is expected to further drive our research and development of solid waste treatment technology.

With abundant experience and technical knowledge, our R&D team has been continuously creating milestones for the advancement of production technology. Some of the representative achievements in 2014 are highlighted below:

- ◎ Our self-developed 500t/d furnace passed the performance contrast test of authorized institution and has already been applied in our projects, laying the foundation for large-scale furnace development;
- ◎ The assembly, testing and commissioning of our self-developed 750t/d furnace was completed, which is ready for installation. It is the first R&D of such a large-scale furnace in the PRC;
- ◎ The R&D result of "Mechanical Grate Furnaces and Combustion Control Systems" project passed the appraisal of Shenzhen Technology and Innovation Committee, indicating the formation of our independent intellectual property rights system on grate furnaces and control systems;
- ◎ The research and manufacturing of granulator for biomass pellet fuel system was accomplished, which is an important milestone for the R&D of biomass pellet fuel systems;
- ◎ Our self-developed multi-range hydrostatic mechanical household waste grate furnaces series obtained the European Union's CE Mark, indicating that the quality and safety standards of all furnaces developed by our center are qualified for exporting to European Union countries and major international markets.

於二零一四年十一月，光大國際設備製造中心獲江蘇省科技廳批准成為「江蘇省固廢無害化及資源化工程技術研究中心」，並將於二零一五年年初獲發牌照。這是光大國際設備製造中心獲得的首個省級技術中心認證，預期將進一步推動固廢處理技術的研發。

憑藉豐富的經驗及技術，我們的研發團隊不斷為生產技術的進步創造里程碑。二零一四年取得的部份代表性成果摘錄如下：

- ◎ 我們自主研發的500噸 / 日焚燒爐通過授權機構的性能對比試驗，並已應用在項目上，為研發大型焚燒爐奠定基礎；
- ◎ 我們自主研發的750噸 / 日焚燒爐已組裝調試完成，具備現場安裝條件，屬中國首次研發此類大型的焚燒爐；
- ◎ 「機械式焚燒爐排爐及燃燒控制系統」項目的研發成果通過深圳市科技創新委員會的評估，表明我們已建立起關於焚燒爐排爐及控制系統的獨立知識產權體系；
- ◎ 完成生物質顆粒燃料系統製粒機的研發及製造，為生物質顆粒燃料系統研發的重要里程碑；
- ◎ 我們自主研發的多級液壓機械式生活垃圾焚燒爐排爐系列產品亦獲得歐盟CE產品認證，表明我們中心所研發的所有爐排爐的品質及安全標準具備出口至歐盟國家及主要國際市場的資格。

Besides fulfilling our own needs, the products of our R&D team are highly valued by other companies in the environmental protection industry. For instance, with the optimization of our sales strategy, three environmental equipment selling contracts concerning leachate treatment technology and fly ash system renovation were signed in October 2014. We have also signed an equipment supply agreement with DP CleanTech, a world-leading alternative energy solution provider on supplying the whole set of equipment for a waste-to-energy project in Ethiopia. This is the first time for CEIL to enter overseas market through strategic cooperation.

We have also been enhancing our technical capabilities by collaborating with leading universities/scientific institutes in the PRC and overseas. We established strategic collaborations with Tsinghua University, Tongji University, South China University of Technology, Huazhong University of Science and Technology, Shenzhen University, University of North Carolina and University of Nevada. Moreover, in 2014, we signed a strategic cooperation agreement with Chinese Society for Environmental Sciences on the promotion of environmental technology and public education on environmental science. The close relationship with the academia and NGOs have sustained our rapid growth in technology development, ensuring that our direction is kept abreast of the latest market and technological requirements.

除滿足我們自身需求外，我們研發團隊的產品亦受環保行業其他公司的高度讚賞。例如，隨著我們銷售策略的優化，我們於二零一四年十月簽訂了三份關於滲濾液處理技術及飛灰系統改進的環保設備銷售合約。此外，我們與全球領先的可再生能源解決方案供應商德普新源簽訂設備供應協議，向埃塞俄比亞的垃圾發電項目提供垃圾發電成套設備，此乃光大國際首次透過戰略合作進入海外市場。

我們亦與國內外知名大學 / 科研機構合作以提高我們的技術實力。我們已與清華大學、同濟大學、華南理工大學、華中科技大學、深圳大學、北卡羅來納大學及內華達大學建立戰略合作關係。此外，於二零一四年，我們與中國環境科學學會簽訂戰略合作協議，推廣環保技術及開展環境科學公眾教育。與學術界及非政府組織的密切關係支撐我們的技術開發持續取得快速成長，確保我們的技術研發方向始終緊貼最新市場及技術需求。



**New Projects Announcement:****Environmental Energy**

- > Nanjing Waste-to-energy Project Phase II
- > Ningbo Waste-to-energy Project Phase II
- > Ma'anshan Waste-to-energy Project
- > Yiyang Waste-to-energy Project
- > Changzhou Xinbei Waste-to-energy Project
- > Dangshan Waste-to-energy Project
- > Nanjing Gaochun Waste-to-energy Project
- > Tengzhou Waste-to-energy Project
- > Pei County Waste-to-energy Project
- > Xinzheng Waste-to-energy Project
- > Hangzhou Yuhang Waste-to-energy Project
- > Lingbi Waste-to-energy Projects
- > Xinyi Hazardous Solid Waste Treatment Project
- > Changzhou Hazardous Solid Waste Treatment Project
- > Sanya Sludge Treatment and Disposal Project

**Environmental Water**

- > Zibo Reusable Water Project Phase II
- > Boxing Waste Water Treatment Project Expansion and Upgrade

**Alternative Energy**

- > Lingbi Biomass Integrated Utilization Project
- > Huaiyuan Biomass Integrated Utilization Project
- > Dingyuan Biomass Integrated Utilization Project
- > Rudong Biomass Integrated Utilization Project
- > Xuyi Biomass Integrated Utilization Project
- > Suqian Biomass Integrated Utilization Project
- > Lianyungang Guanyun Biomass Integrated Utilization Project
- > Hanshan Distributed Photovoltaic Energy Project
- > Ningwu Wind Power Project (Changfangshan & Zhaojioshan)

**新項目公佈：****環保能源**

- > 南京垃圾發電項目二期
- > 寧波垃圾發電項目二期
- > 馬鞍山垃圾發電項目
- > 益陽垃圾發電項目
- > 常州新北垃圾發電項目
- > 碭山垃圾發電項目
- > 南京高淳垃圾發電項目
- > 滕州垃圾發電項目
- > 沛縣垃圾發電項目
- > 新鄭垃圾發電項目
- > 杭州余杭垃圾發電項目
- > 靈璧垃圾發電項目
- > 新沂危廢處理項目
- > 常州危廢處理項目
- > 三亞污泥處理處置項目

**環保水務**

- > 淄博中水項目二期
- > 博興污水處理項目擴建及升級改造

**新能源**

- > 靈璧生物質綜合處理項目
- > 懷遠生物質綜合處理項目
- > 定遠生物質綜合處理項目
- > 如東生物質綜合處理項目
- > 盱眙生物質綜合處理項目
- > 宿遷生物質綜合處理項目
- > 連雲港灌雲生物質綜合處理項目
- > 含山分佈式光伏發電項目
- > 寧武風電項目(長房山及趙家山)



**11.77** Annual household waste processing capacity  
年生活垃圾處理規模  
million tonnes 百萬噸

**938** Annual waste water treatment capacity  
年污水處理規模  
million m<sup>3</sup> 百萬立方米

## Project Highlights

## 項目亮點

## Environmental Energy

## 環保能源

Waste-to-energy (WtE) Project	垃圾發電項目	Daily Processing Capacity (tonne) 日處理規模(噸)
<b>At operation stage</b>		
Suzhou WtE Project Phases I, II & III	蘇州垃圾發電項目一期、二期及三期	3,550
Yixing WtE Project Phase I	宜興垃圾發電項目一期	500
Jiangyin WtE Project Phases I & II	江陰垃圾發電項目一期及二期	1,200
Changzhou WtE Project	常州垃圾發電項目	800
Zhenjiang WtE Project Phase I	鎮江垃圾發電項目一期	1,000
Jinan WtE Project	濟南垃圾發電項目	2,000
Suqian WtE Project	宿遷垃圾發電項目	600
Nanjing WtE Project Phase I	南京垃圾發電項目一期	2,000
Ningbo WtE Project Phase I	寧波垃圾發電項目一期	1,000
Pizhou WtE Project Phase I	邳州垃圾發電項目一期	600
Sanya WtE Project Phase I	三亞垃圾發電項目一期	700
Shouguang WtE Project Phase I	壽光垃圾發電項目一期	600
<b>At construction or in preparatory stage</b>		
Boluo WtE Project Phase I	博羅垃圾發電項目一期	700
Weifang WtE Project Phase I	濰坊垃圾發電項目一期	1,000
Zhenjiang WtE Project Phase II	鎮江垃圾發電項目二期	400
Changzhou Xinbei WtE Project Phase I	常州新北垃圾發電項目一期	800
Rizhao WtE Project Phase I	日照垃圾發電項目一期	600
Ningbo WtE Project Phase II	寧波垃圾發電項目二期	500
Yiyang WtE Project	益陽垃圾發電項目	800
Dangshan WtE Project	礪山垃圾發電項目	400
Hangzhou WtE Project Phase I	杭州垃圾發電項目一期	3,000
Huidong WtE Project	惠東垃圾發電項目	600
Yixing WtE Project Phase II	宜興垃圾發電項目二期	300
Wujiang WtE Project	吳江垃圾發電項目	1,500
Ninghai WtE Project Phase I	寧海垃圾發電項目一期	700
Heze WtE Project Phase I	菏澤垃圾發電項目一期	600
Ma'anshan WtE Project Phase I	馬鞍山垃圾發電項目一期	800
Nanjing WtE Project Phase II	南京垃圾發電項目二期	2,000
Nanjing Gaochun WtE Project	南京高淳垃圾發電項目	500
Tengzhou WtE Project Phase I	滕州垃圾發電項目一期	600
Xinzheng WtE Project Phase I	新鄭垃圾發電項目一期	1,000
Pei County WtE Project Phase I	沛縣垃圾發電項目一期	400
Lingbi WtE Project Phase I	靈璧垃圾發電項目一期	500



1. Ningbo Waste-to-energy Project  
寧波垃圾發電項目
2. Zhenjiang Waste-to-energy Project  
鎮江垃圾發電項目
3. Sanya Waste-to-energy Project  
三亞垃圾發電項目

Integrated Solid Waste Treatment Project	危廢綜合處理項目	Storage Capacity (m <sup>3</sup> ) 儲存量規模 (立方米)	Annual Processing Capacity (tonne) 年處理規模(噸)
<b>At operation stage</b>		<b>運營階段</b>	
Suzhou Industrial Solid Waste Landfill Project Phase I & II	蘇州工業固廢填埋項目一期及二期	512,000	40,000
Suqian Hazardous Solid Waste Landfill Project Phase I	宿遷危廢填埋項目一期	340,000	20,000
Guanyun Hazardous Solid Waste Landfill Project Phase I	灌雲危廢填埋項目一期	300,000	20,000
Binhai Hazardous Solid Waste Landfill Project	濱海危廢填埋項目	600,000	30,000
<b>At construction or in preparatory stage</b>		<b>在建或籌建階段</b>	
Zibo Integrated Hazardous Solid Waste Treatment Project	淄博危廢綜合處理項目	Not applicable 不適用	Annual incineration processing capacity: 40,000 年焚燒處理：40,000  Annual physico-chemical processing capacity: 50,000 年物化處理：50,000
Shouguang Integrated Hazardous Solid Waste Treatment Project	壽光危廢綜合處理項目	500,000	20,000
Lianyungang Hazardous Waste Treatment Project	連雲港危廢處理項目	Not applicable 不適用	Annual industrial hazardous waste treatment capacity: 9,000 年工業危廢處理：9,000  Annual medical waste treatment capacity: 1,650 年醫療廢物處理：1,650
Xinyi Hazardous Waste Treatment Project	新沂危廢處理項目	Not applicable 不適用	Annual incineration processing capacity: 9,500 年焚燒處理：9,500
Changzhou Hazardous Waste Treatment Project	常州危廢處理項目	Not applicable 不適用	Annual incineration processing capacity: 30,000 年焚燒處理：30,000



Methane-to-energy Project	沼氣發電項目	Annual Electricity Generation (kWh) 年發電量 (千瓦時)
<b>At operation stage</b>	<b>運營階段</b>	
Suzhou Methane-to-energy Project (Phase I & II)	蘇州沼氣發電項目(一期及二期)	27,000,000
Qingdao Methane-to-energy Project	青島沼氣發電項目	7,300,000
Yixing Methane-to-energy Project	宜興沼氣發電項目	630,000
Changzhou Methane-to-energy Project	常州沼氣發電項目	2,730,000
Jiangying Methane-to-energy Project	江陰沼氣發電項目	1,890,000
<b>At construction stage</b>	<b>在建階段</b>	
Sanya Sludge Treatment and Disposal Project	三亞污泥處理處置項目	50

## Environmental Water

## 環保水務

Waste Water Treatment Project	污水處理項目	Daily Processing Capacity (m <sup>3</sup> ) 日處理規模 (立方米)
<b>At operation stage</b>	<b>運營階段</b>	
Qingdao Maidaow Waste Water Treatment Project & Haibohe Waste Water Treatment Project	青島麥島污水處理項目及海泊河污水處理項目	220,000
Zibo Waste Water Treatment Project (Southern & Northern Plants)	淄博污水處理項目(南郊廠及北廠)	250,000
Zibo High-tech Zone Waste Water Treatment Project	淄博高新區污水處理項目	100,000
Jinan Waste Water Treatment Project (Plants 1, 2, 3 & 4)	濟南污水處理項目(一廠、二廠、三廠及四廠)	730,000
Zibo Zhoucun Waste Water Treatment Project	淄博周村污水處理項目	40,000
Jiangyin Waste Water Treatment Project (4 plants)	江陰污水處理項目(共四廠)	190,000
Binzhou Boxing Waste Water Treatment Project Phase I & II	濱州博興污水處理項目一期及二期	60,000
Dezhou Ling County Waste Water Treatment Project (Plants 1 & 2)	德州陵縣污水處理項目(一廠及二廠)	60,000
Dezhou Nanyunhe Waste Water Treatment Project Phase I	德州南運河污水處理項目一期	75,000
Zhangqiu Waste Water Treatment Project	章丘污水處理項目	30,000
<b>At construction stage</b>	<b>在建階段</b>	
Binzhou Boxing Waste Water Treatment Project (Expansion and Upgrade)	濱州博興污水處理項目(擴建及升級)	20,000

## Sustainable Economic Growth 可持續經濟發展



Jinan Waste Water Treatment Project  
濟南污水處理項目



Zibo Waste Water Treatment Project  
淄博污水處理項目

Reusable Water Project	中水項目	Daily Processing Capacity (m <sup>3</sup> ) 日處理規模 (立方米)
<b>At operation stage</b>	<b>運營階段</b>	
Jinan Licheng Reusable Water Project	濟南歷城中水項目	42,000
Zibo Reusable Water Project Phase I	淄博中水項目一期	4,800
Jiangyin Reusable Water Project	江陰中水項目	10,000
<b>At construction stage</b>	<b>在建階段</b>	
Zibo Reusable Water Project Phase II	淄博中水項目二期	4,800

Waste Water Source Heat Pump Project	污水源熱泵項目	Service Area (m <sup>2</sup> ) 服務面積 (平方米)
Zibo Waste Water Source Heat Pump Project Phase I	淄博污水源熱泵項目一期	125,000
Zibo Ceramic Technology Development Park Heat Pump Project	淄博陶瓷科技發展園區熱泵項目	187,000

### Alternative Energy

### 新能源

Solar Photovoltaic Energy Project	太陽能光伏發電項目	Annual Electricity Generation (kWh) 年發電量 (千瓦時)
<b>At operation stage</b>	<b>運營階段</b>	
Shenzhen Rooftop Solar Photovoltaic Energy Project	深圳屋頂太陽能光伏發電項目	1,480,000
Changzhou Rooftop Solar Photovoltaic Energy Project	常州屋頂太陽能光伏發電項目	4,113,000
Suqian Rooftop Solar Photovoltaic Energy Project (Phase I & II)	宿遷屋頂太陽能光伏發電項目 (一期及二期)	8,403,000
Zhenjiang Rooftop Solar Photovoltaic Energy Project	鎮江屋頂太陽能光伏發電項目	11,680,000
Zhenjiang Ground Solar Photovoltaic Energy Project	鎮江地面太陽能光伏發電項目	4,059,000
Huaining Ground Solar Photovoltaic Energy Project	懷寧地面太陽能光伏發電項目	2,170,000
German Ground Solar Photovoltaic Energy Project	德國地面太陽能光伏發電項目	3,611,000
<b>At preparatory stage</b>	<b>籌建階段</b>	
Hanshan Distributed Photovoltaic Energy Project	含山分佈式光伏發電項目	5,161,000

Biomass Power Generation / Integrated Utilization Project	生物質發電 / 綜合處理項目	Annual Electricity Generation (kWh) 年發電量(千瓦時)	Annual Heat Supply (tonne) 年供熱量(噸)
<b>At operation stage</b>			
Dangshan Biomass Power Generation Project	碭山生物質發電項目	184,000,000	
Hanshan Biomass Power Generation Project	含山生物質發電項目	184,000,000	
<b>At construction and preparatory stage</b>			
Xuyi Biomass Integrated Utilization Project	盱眙生物質綜合處理項目	106,000,000	370,000
Sucheng Biomass Integrated Utilization Project	宿城生物質綜合處理項目		350,000
Guanyun Biomass Integrated Utilization Project	灌雲生物質綜合處理項目		392,000
Huaiyuan Biomass Integrated Utilization Project	懷遠生物質綜合處理項目	200,000,000	
Dingyuan Biomass Integrated Utilization Project	定遠生物質綜合處理項目	200,000,000	
Lingbi Biomass Integrated Utilization Project	靈璧生物質綜合處理項目	200,000,000	
Rudong Biomass Integrated Utilization Project	如東生物質綜合處理項目		116,000 tonnes of pellet fuel to replace coal 116,000噸顆粒燃料替代煤
Xinyi Biomass Power Generation Project	新沂生物質發電項目	184,000,000	
Shuyang Biomass Power Cogeneration Project	沭陽生物質熱電聯供項目	172,250,000	390,000
Linyi Biomass Power Generation Project	臨邑生物質發電項目	184,000,000	
Laiyang Biomass Power Generation Project	萊陽生物質發電項目	184,000,000	
Ningwu Wind Power Project (Changfangshan & Zhaojashan)	寧武風力發電項目 (長房山及趙家山)	230,000,000	



Hanshan Biomass Power Generation Project  
含山生物質發電項目

Dangshan Biomass Power Generation Project  
碭山生物質發電項目

### Corporate Governance

We strive to keep our high standard in corporate governance as we believe good corporate governance practices are crucial for maintaining and growing the confidence of CEIL's shareholders and stakeholders. We are committed to upholding our management principle of People-oriented, Pragmatism, Creativity and Systematic Management, and strictly adhere to our established policy and system to continuously intensify our internal controls and risk management. Furthermore, we have also maintained a high standard of transparency and accountability through timely and complete public disclosure of information to enhance our corporate values.

The Board comprises of 6 executive directors and 4 independent non-executive directors. Particularly to the Directors, our Chairman and Chief Executive Officer are held by separate individuals, and their roles, duties and responsibilities are clearly established. This is to ensure the management of the Board and the daily management of CEIL are divided and segregated in CEIL's management.

The Board meets up regularly and has set up six Board Committees, namely Executive Committee, Audit Committee, Nomination Committee, Remuneration Committee, Management Committee and Disclosure Committee. The Group has set up 3 sub-committees including Risk Management Advisory Committee, Engineering and Technology Management Committee and Budget Approval Management Committee. In particular, our Risk Management Advisory Committee is responsible to monitor and assess risks in a regular basis, boost related management standards, review effectiveness on risk management process, and evaluate investment projects. Moreover, the Committee also assesses the risks for operations which may potentially impact the environment, economic and social, and explore the possibility on the appropriate precautionary measures before the impact occurs.

Determining the remuneration packages for individual executive Directors and senior management is one of the duties for the Remuneration Committee. The Committee reviews the remuneration policy, assesses the performance of executive Directors and approves the remuneration packages of the Directors and senior management. The key statistics on remuneration are shown below. The terms of reference of our Remuneration Committee are disclosed in our company website.

### 企業管治

我們致力維持高水平企業管治，並相信良好企業管治對維持和提升光大國際股東及持份者的信心至關重要。本公司致力於奉行「以人為本、求真務實、開拓創新、規範管理」的管理理念，並嚴格遵守既有政策及制度，不斷強化我們的內部監控及風險管理。此外，我們亦透過及時、全面地公開披露資料，維持高水平之透明度及問責制，以提升公司價值。

董事會由六位執行董事及四位獨立非執行董事組成。尤其相對董事而言，我們的主席及行政總裁由不同人仕擔任，且彼等的角色、職責及責任均有明確界定，確保在光大國際的管理中，董事會之運作及光大國際之日常管理得到有效區分。

董事會定期召開會議，並下設六個委員會，包括執行董事委員會、審核委員會、提名委員會、薪酬委員會、管理委員會及披露委員會。本集團並下設三個分委員會，包括風險管理評審委員會、工程技術管理委員會及預算審核管理委員會。我們的風險管理評審委員會負責定期進行風險監督及檢查，提升相關管理水平，審核風險管理流程的成效，評估投資項目。此外，該委員會亦評估可能潛在影響環境、經濟及社會的營運風險，及研究於產生影響前採取適當預防措施的可能性。

薪酬委員會的職責之一是釐定各執行董事及高級管理層的薪酬待遇。該委員會負責檢討薪酬政策、評估執行董事的表現、批准董事及高級管理層的薪酬待遇。有關薪酬的重要統計數據載列如下。薪酬委員會的職權範圍披露於公司網站。

## Governance Key Statistics - Remuneration

## 重要管治統計數據－薪酬

Indexes 指標	Ratio in 2014 二零一四年的比例
Annual total compensation for the organization's highest-paid individual to the average of annual total compensation for all employees 該機構最高薪人士的年度薪酬總額與全體僱員年度薪酬總額的平均數的比例	44.63
Percentage increase in annual total compensation for the highest paid individual to the average of percentage increase in annual total compensation for all employees 最高薪人士年度薪酬總額的增加百分比與全體僱員年度薪酬總額增加百分比的平均數的比例	0.9

Since August 2013, CEIL has formulated the board diversity policy with a goal to set out approach on diversity of the Board. We recognized that it is crucial for the Board to include and make good use of diversity in terms of skills, industry knowledge, experience, education, background, and other applicable qualifications. With regard to the identification and selection process for the Board members, our Nomination Committee is responsible to identify and nominate candidates for approval and appointment to the Board. Appointment will be based on merits and objective criteria, which could include elements such as knowledge, experience, skills, education background, and other relevant qualifications. Our company also considers Board diversity as a vital asset of our business, including the diversity of gender, age, race and religious belief, and we will take them into account in determining the optimum composition of the Board, and balance appropriately whenever possible.

CEIL continuously updates our Directors on the latest developments and changes on applicable regulatory requirements and provide training to develop and enhance their knowledge and skills with relevant topics covering operation, businesses, management, economic, environmental protection and social, etc. Our company also provides monthly updates on the performance, position and prospects of CEIL to all Directors.

光大國際已於二零一三年八月訂立董事會成員多元化政策，目的是為董事會成員的多元化訂立方向。我們明白吸納及善用董事在技能、行業知識、經驗、教育、背景和其他適當資格方面的多元化對董事會的重要性。關於董事會成員的物色及甄選程序，我們的提名委員會負責物色及提名候選人供董事會批准及委任。董事的任命將根據候選人的優點及客觀標準作出，可包括知識、經驗、技能、教育背景及其他資格等因素。本公司亦認為董事會成員的多元化，包括性別、年齡、種族及宗教多元化，是公司一項重要的資產，所以，我們在決定最佳董事會組合時會考慮該等因素，並盡可能取得適當的平衡。

光大國際持續向董事提供有關適用監管規定之最新發展概況，並提供培訓以發展及提高董事的知識和技能，相關培訓主題涵蓋運營、業務、管理、經濟、環保及社會等。本公司向所有董事提供有關光大國際表現、狀況及前景的每月更新資料。

Ethics and integrity is important to our company's operation. Our Employee Code of Conduct has clearly stated our expectations on employees' behavior. We distribute the Code of Conduct to all employees and they are encouraged to read thoroughly and follow accordingly. The Code of Conduct allows our people to understand explicitly on several areas, which include the provisions of anti-corruption, anti-bribery and conflict of interest, gift policy, norm of data confidentiality and security, and fund management policy. We definitely have zero tolerance on violation of the Code of Conduct and any inappropriate behavior.

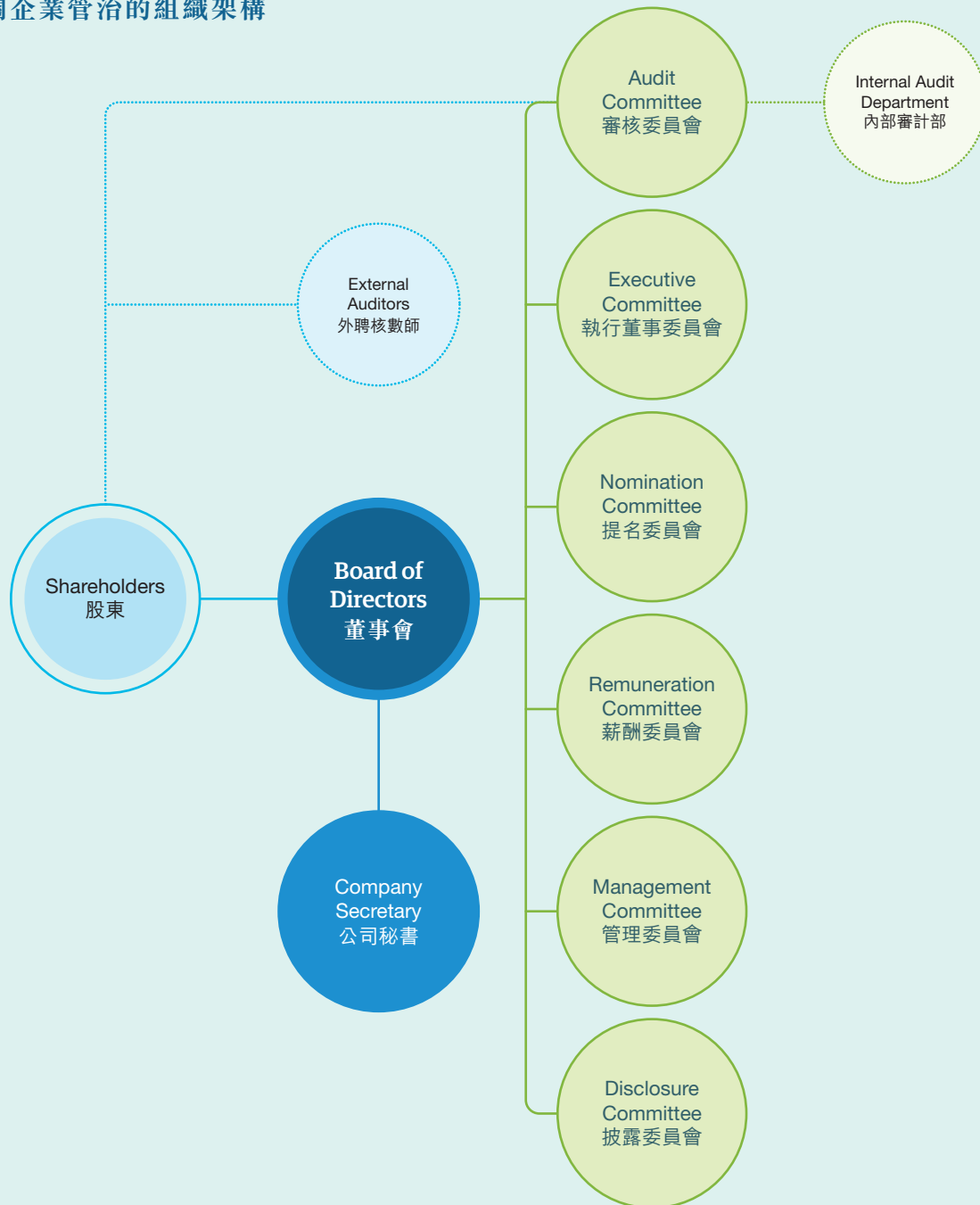
Our company has also established a whistle-blowing policy and grievance mechanisms for all CEIL's employees and the public to raise concerns and report any cases on possible unethical, unlawful behaviors and matters on integrity. In 2014, no cases on corruption, fraud, political contribution, anti-trust, and other misconduct were recorded. In addition, we also required all our people to strictly follow relevant guidelines and procedures on procurement and recruitment to ensure open and fair competition.

職業操守及誠信對本公司的運營至關重要。我們的《員工行為守則》清楚闡述了我們對員工行為的預期。我們將《行為守則》分發予所有員工，鼓勵員工細讀並遵從。《行為守則》使員工明確理解若干方面，包括反腐敗、反賄賂及利益衝突條文、贈予政策、數據保密及保全規範、及資金管理政策。我們明確表示對違反《行為守則》及任何失當行為零容忍。

本公司亦已制定舉報政策及投訴機制，以便光大國際全體員工及公眾對任何可能的不道德、違法行為及誠信事宜提出關注及報告。於二零一四年，我們並無腐敗、欺詐、政治獻金、反壟斷及其他不當行為記錄。此外，我們亦要求全體員工嚴格遵守採購及招聘相關指引及程序，確保公開公正的競爭環境。



## Organisational Structure in Relation to Corporate Governance 有關企業管治的組織架構



The Corporate Governance Code set out in Appendix 14 to the Rules Governing the Listing of Securities on the SEHK has been duly adopted by the Board as the code on corporate governance practices of CEIL. Additional Information about our governance and the Board can be found in our annual report 2014, which is also available to access online through <http://www.ebchinaintl.com>

董事會已正式採納聯交所證券上市規則附錄十四所載《企業管治守則》作為光大國際的企業管治守則。有關我們管治及董事會的其他資料，請參閱二零一四年年報，亦可透過 <http://www.ebchinaintl.com> 在線瀏覽。

**We Pride Ourselves on the  
Highest Operating Standards and  
Innovative Technology**

**以安全運營為基礎  
以達標排放為天職  
以科技創新為龍頭**





As a holding company for environmental protection and alternative energy business, CEIL is fully committed to minimizing environmental impacts of our business. In particular, we are committed to ensuring compliance with all relevant national and local laws, regulations and standards including the safeguard policies of multinational financing institutions such as Asian Development Bank (“ADB”), and we strive to meet this mission with wide involvement from our staff and the public. Our commitment to environmental safeguard is explicitly written as a Policy Statement in our Environmental and Social Management System, and clearly governed by our internal procedures covering air quality, waste water discharge, solid waste management, etc. Most of our plants are certified with ISO 9001, ISO 14001 and OHSAS 18001 systems. By integrating environmental safeguards in project planning, preparation, design and implementation, we have endeavoured to improve the efficiency of our operations, and ensure the pollutant discharged are fully complied with the discharge standards of Concession Agreements and relevant regulations. Our innovation and effort in protecting the environment was recognized by the International Financing Magazine, and we were proudly honoured with the “Top 10 Green Innovation Companies” in 2014.

### Striving for Pollution Reduction and Climate Change Mitigation

Our advanced and effective facilities have been continuously contributing to preserve a greener planet. In 2014, approximately 1,982.53 GWh of green electricity was produced by our waste-to-energy projects, biomass power generation projects, methane-to-energy projects and solar photovoltaic projects, which could support the annual electricity consumption for more than 1.65 million households. A remarkable 28% increase in total electricity generation was recorded comparing with 2013, thanks to our newly established projects and aggressive initiatives in improving operation efficiency. The amount of CO<sub>2</sub> offset by our clean energy in 2014 reached 2.26 million tonnes, which is about 22% more than the reduction from 2013. The electricity generated per tonne of waste combusted by our waste-to-energy plants attained a historic high at 302.95 kWh/t, which is over 6% higher than the 2013 performance.

作為一家經營環保及新能源業務的控股公司，光大國際不遺餘力地減低運營業務對環境帶來的影響，我們致力遵守相關國家及地方法例、法規及準則，例如亞洲開發銀行（「亞發行」）等國際金融機構的保障政策，我們竭力透過員工及公眾的積極參與達到此目標。我們對保護環境的承諾已於公司的環境及社會管理制度中作為政策聲明清楚列明，並受我們涵蓋空氣質素、污水排放、固廢管理等的內部程序明確規管。我們絕大部份的廠房已取得ISO 9001、ISO 14001及OHSAS 18001系統的資格認證。透過在項目規劃、編制、設計及實行時滲入環保元素，我們致力提升運營效率，並確保污染物的排放全面遵守特許經營協議及相關法規的排放標準。我們的創新及在保護環境方面付出的努力獲《國際融資》雜誌認可，於二零一四年獲譽為「十大綠色創新企業」。

### 致力減排及舒緩氣候變化

我們先進而具效率的設施持續為保育地球作出貢獻。於二零一四年，我們的垃圾發電項目、生物質發電項目、沼氣發電項目及太陽能光伏發電項目合共提供綠色電力約19.8253億千瓦時，可供逾165萬戶家庭一年使用。受惠於新落成的項目及運營效率的提升，與二零一三年比較，生產的總電力錄得28%的可觀增長。於二零一四年，獲我們的清潔能源抵銷的二氧化碳排放量達226萬噸，超越二零一三年的減排約22%。垃圾發電廠焚燒每噸垃圾所得的發電量達歷史性新高302.95千瓦時，較二零一三年的表現高逾6%。



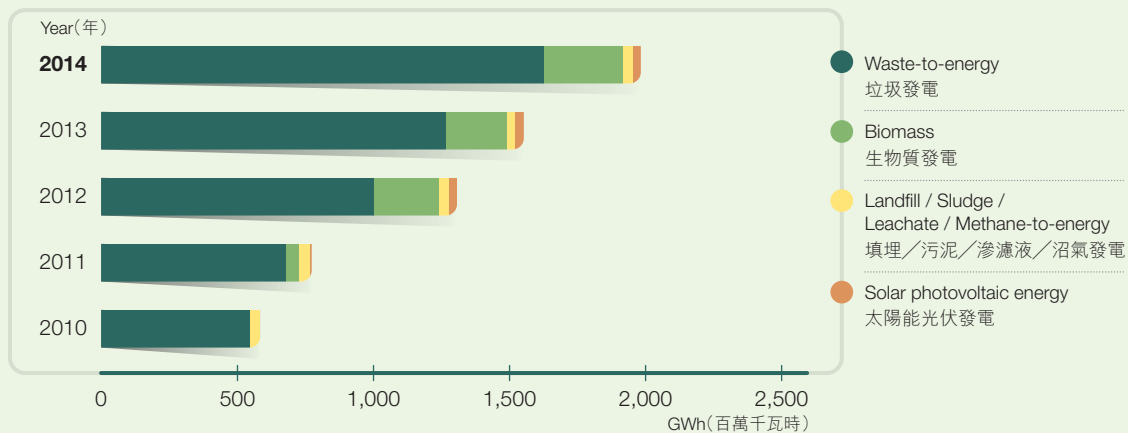
+6%

Electricity generated per tonne of waste combusted as compared to 2013:

焚燒每噸垃圾所得的發電量較二零一三年：

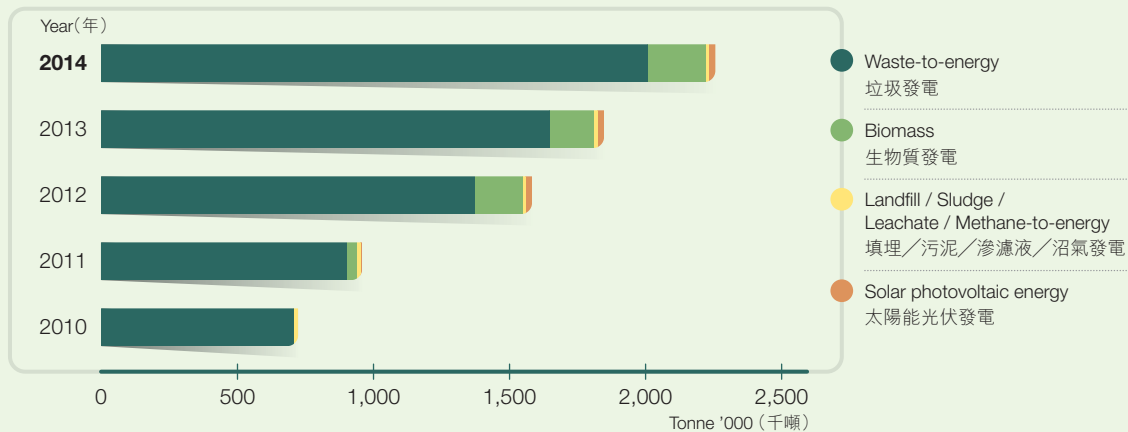
### Green Electricity Generation by Types of Operation

按運營類型劃分的綠色發電量



### Carbon Dioxide Emission Avoided by Types of Operation

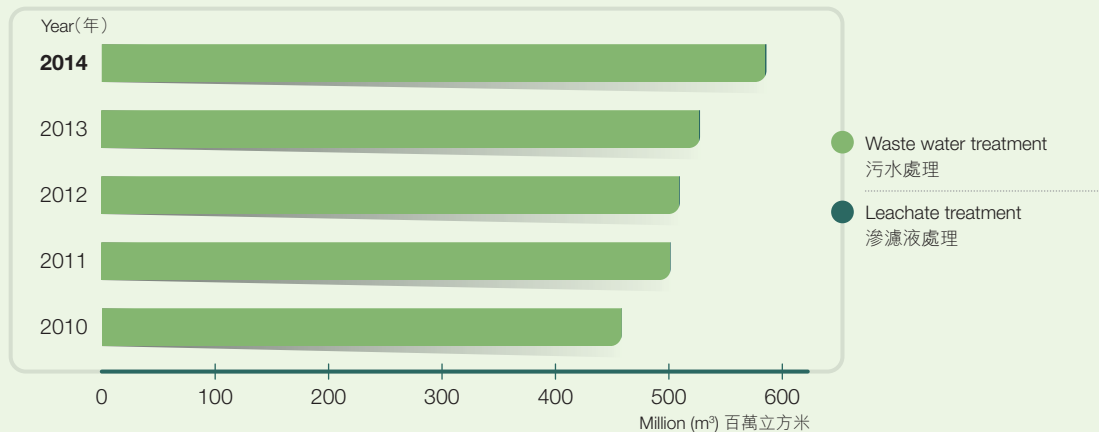
按運營類型劃分二氧化碳減排量



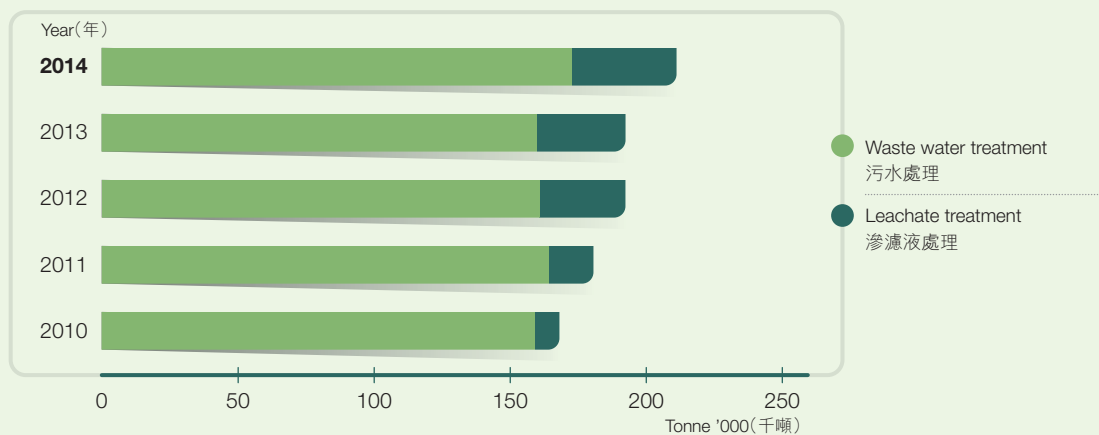
As for waste water and leachate treatment, our 19 operating waste water treatment projects treated a total of 584.79 million m<sup>3</sup> of waste water, where 1.17 million m<sup>3</sup> of leachate was processed by our environmental energy projects. A total of 211,000 tonnes of COD were reduced by these operations, recording a 11% increase from 2013. Thanks to our energy saving initiatives, the energy required for the treatment of unit m<sup>3</sup> waste water is only 0.27 kWh in 2014.

至於污水及滲濾液處理，我們19個運營中的污水處理項目合共處理污水5.8479億立方米，環保能源項目處理滲濾液117萬立方米。該等運營合共減少211,000噸的COD排放量，較二零一三年增加11%。由於我們的節能措施，二零一四年每立方米污水處理所需能源僅為0.27千瓦時。

### Waste Water and Leachate Treated 污水及滲濾液處理



### COD Reduction by Types of Operation 按運營類型劃分的COD減排量



## Accumulated Contributions:

## 累計貢獻：

Since the commissioning of the first electricity generation project in 2006 自首個發電項目於二零零六年投產以來	Since the commissioning of the first waste water treatment project in 2005 自首個污水處理項目於二零零五年投產以來
Electricity generated: 7,160 GWh 提供電力：71.60億千瓦時	Waste water treated: 3,764 million m <sup>3</sup> 處理污水：37.64億立方米
CO <sub>2</sub> emissions avoided: 8,673,000 tonnes 避免CO <sub>2</sub> 排放：8,673,000噸	Leachate treated: 3.81 million m <sup>3</sup> 處理滲濾液：3,810,000立方米
Household waste processed: 21,233,000 tonnes 處理生活垃圾：21,233,000噸	COD emissions avoided: 1.44 million tonnes COD減排：1,440,000噸
Standard coal saved: 2,864,000 tonnes 節約標煤：2,864,000噸	
Number of households benefited by green energy: 5,967,000 受惠於綠色能源的家庭數目：5,967,000	

Stringent emission control and transparent monitoring mechanisms are crucial to sustain our waste-to-energy and biomass power generation projects. In order to reduce greenhouse gas (GHG) emissions, we have incorporated various options during project design stages, such as adoption of renewable or low carbon energy sources, and reduction of fugitive emissions. Starting from this year, we report our GHG emissions of our three business sectors by scope of CO<sub>2</sub> equivalent (CO<sub>2</sub>e). Our total CO<sub>2</sub>e in 2014 was kept at 1.98 million tonnes. The Scope 1 CO<sub>2</sub>e was about 1.81 million tonnes, which has been increased by 0.22 million tonnes comparing with last year despite aggressive project developments. In terms of GHG intensity performance, for every kWh of green electricity we produced, only 0.001 tonne of CO<sub>2</sub>e of GHG was released, where treating every m<sup>3</sup> of waste water/leachate required about 0.0003 kg of CO<sub>2</sub>e. In 2014, our use of ozone-depleting substances was mainly HCFC-22 (or R-22) as refrigerants for general office use. The recorded use amount was 0.14 tonne, which is equivalent to 0.0056 tonne of CFC-11 equivalent.<sup>1</sup>

嚴格的排放監控及透明的監測機制對於維持我們的垃圾發電及生物質發電項目的運營舉足輕重。我們在項目設計階段採用了各種方法，以減少溫室氣體(GHG)排放，如採納再生能源或低碳能源以及減少逸散性排放。自本年度起，我們按二氧化碳當量(CO<sub>2</sub>e)的範疇報告我們三個業務的溫室氣體排放量。我們於二零一四年的二氧化碳當量總額保持在198萬噸。範疇一的二氧化碳當量為約181萬噸，儘管項目發展迅速，相比去年只增加了22萬噸。就溫室氣體強度指標而言，我們每生產1千瓦時的綠色電力，僅釋放0.001噸二氧化碳當量的溫室氣體；每處理1平方米污水/滲濾液更僅涉及0.0003千克的二氧化碳當量排放。於二零一四年，我們使用的臭氧消耗物質主要為辦公室用作製冷劑的HCFC-22(或R-22)。記錄用量為0.14噸，相當於0.0056噸CFC-11當量<sup>1</sup>。

CO<sub>2</sub>e Emission by Types of Operation (2014)按運營類型劃分的二氧化碳當量排放量  
(二零一四年)

Type of operation	運營類型	Scope 1 CO <sub>2</sub> e Emission <sup>2</sup> 範疇一 二氧化碳當量 排放量 <sup>2</sup>	Scope 2 CO <sub>2</sub> e Emission <sup>3</sup> 範疇二 二氧化碳當量 排放量 <sup>3</sup>	Scope 3 CO <sub>2</sub> e Emission <sup>4</sup> 範疇三 二氧化碳當量 排放量 <sup>4</sup>	Total CO <sub>2</sub> e Emission 二氧化碳當量 總排放量
Environmental Energy	環保能源	1,637,235.79	1,559.39	N/A不適用	1,638,795.18
Environmental Water	環保水務	202.81	166,543.53	N/A不適用	166,746.34
Alternative Energy	新能源	175,366.45	600.18	N/A不適用	175,966.63
Total	總計	1,812,805.05	168,703.10	N/A不適用	1,981,508.15

Unit: Tonne 單位: 噸

We have an automatic monitoring system in place to monitor air pollutant emissions, particulate matter, sulphur dioxide and nitrogen oxides for our household waste-to-energy and biomass power generation projects. We make sure all our projects meet the requirements of applicable standards on air emissions. For instance, we adopted stringent emission limits from 'Standard for Pollution Control on the Municipal Solid Waste Incineration (GB18485-2014)', 'Emission Standard of Air Pollutants for Thermal Power Plants (GB13223-2011)', 'Comprehensive Emission Standard of Air Pollutants (GB16297-1996)', and comparable to 2010/75/EU on Industrial Emissions (Provisions for Waste Incineration Plants and Waste Co-Incineration Plants). All projects are at least in compliance with the Class II standards of the 'Emission Standards for Odour Pollutants' (GB14554-93). Our major emission performance in 2014 is shown below:

就我們的生活垃圾發電及生物質發電項目而言，我們擁有完善的自動監測制度監測大氣污染物排放、顆粒物、二氧化硫及氮氧化物。我們確保所有項目符合氣體排放的適用標準規定。例如，我們採納嚴格的排放限制，包括「生活垃圾焚燒污染控制標準(GB18485-2014)」，「火電廠大氣污染物排放標準(GB13223-2011)」，「大氣污染物綜合排放標準(GB16297-1996)」，及與「關於工業排放的第2010/75/EU號指令」(有關垃圾焚燒發電廠及混合垃圾焚燒發電廠的規定)相若的排放限制。所有項目至少符合「惡臭污染物排放標準(GB14554-93)」的第二類標準。我們二零一四年的主要排放表現載列如下：

- 1 According to WMO (World Meteorological Organization), Scientific Assessment of Ozone Depletion: 2010, the ozone depleting potential of HCFC-22 is 0.04, where that of CFC-11 is 1.
- 2 The sources of Scope 1 CO<sub>2</sub>e of our Environmental Energy and Alternative Energy projects include CO<sub>2</sub> from the flue gas and diesel usage, while that of our Environmental Water projects involve diesel usage only. The compilation of CO<sub>2</sub>e from flue gas is based on the direct measure of CO<sub>2</sub> content from the flue gas via the online flue gas monitoring system and the compilation of CO<sub>2</sub>e from diesel complies with the CO<sub>2</sub> emission calculation methodology for fossil fuel stipulated in the China Electricity Generation Enterprise Green House Gas Emission Verification Methodology and Reporting Guideline (Trial) developed by the National Development and Reform Commission.
- 3 The source of Scope 2 CO<sub>2</sub>e of all the operations is the electricity purchased. The compilation is based on the tool of World Resources Institute (2014). GHG Protocol tool for stationary combustion. Version 4.5.
- 4 We are unable to report the Scope 3 emission data for the reporting year due to lack of necessary data. We are aware of that emission from water pumping and transportation activities of our people may be the major sources of our Scope 3 emission, and we are working towards collecting relevant data with an aim to report this item in our future Sustainability Report.

- 1 根據世界氣象組織(WMO)發佈的《二零一零年臭氣層消耗科學評估報告》，HCFC-22的潛在臭氣層消耗量為0.04，而CFC-11則為1。
- 2 我們的環保能源及新能源項目的範疇一的二氧化碳當量來源包括煙氣及柴油使用的二氧化碳，環保水務項目僅涉及柴油使用。編製來自煙氣的二氧化碳當量乃按透過在線煙氣監測系統直接計量的煙氣中二氧化碳含量；編製來自柴油的二氧化碳當量符合國家發展和改革委員會制定的中國發電企業溫室氣體排放核算方法與報告指南(試行)對化石燃料產生的二氧化碳排放量計算方法規定。
- 3 所有運營點的範疇二的二氧化碳當量來源於購入的電力。有關編製乃採用世界資源研究所(二零一四年)的工具《能源消耗引起的溫室氣體排放計算工具指南》(4.5版)。
- 4 由於缺乏必要數據，我們於報告年度無法報告範疇三的排放量數據。我們瞭解範疇三的排放量的主要來源於僱員由抽水及運輸活動的排放量，我們目前致力於收集相關數據，以利日後的可持續報告報告該項目。

**Air Emission Performance of Waste-to-energy and Biomass Power Generation Plants (2014)**

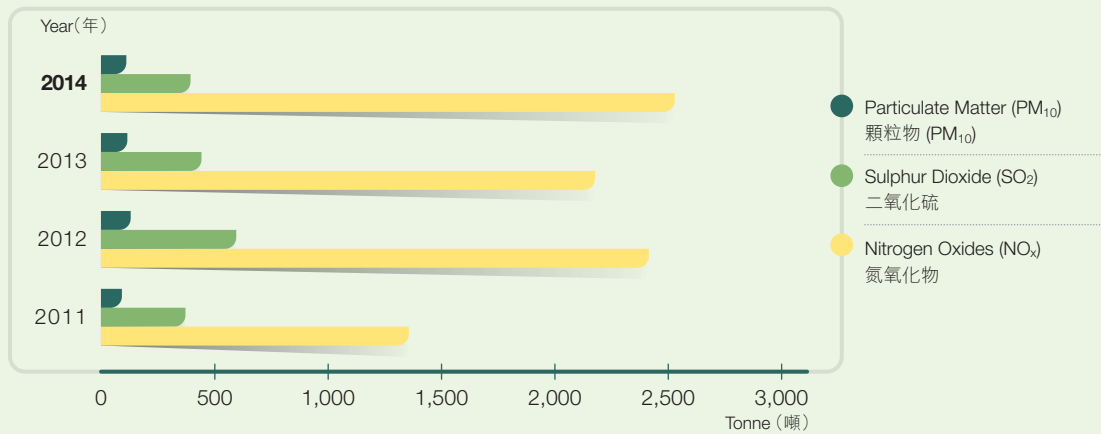
**垃圾發電廠及生物質發電廠的氣體排放表現(二零一四年)**

		Particulate Matter (PM <sub>10</sub> ) 顆粒物 (PM <sub>10</sub> )	Sulphur Dioxide (SO <sub>2</sub> ) 二氧化硫 (SO <sub>2</sub> )	Nitrogen Oxides (NO <sub>x</sub> ) 氮氧化物 (NO <sub>x</sub> )
2014 Emission performance	二零一四年的排放表現	111.96	394.88	2,528.64

Unit: Tonne 單位：噸

**Emissions from Waste-to-energy and Biomass Power Generation Projects**

**垃圾發電及生物質能發電項目的氣體排放量**



The air emission performance per MWh of green electricity generated is summarized below:

所產生每兆瓦時綠色電力的氣體排放表現概述如下：

Emission Type 排放類型	Performance 表現
Scope 1 GHG emission 範疇一的溫室氣體排放	0.91 tonne CO <sub>2</sub> e/MWh 0.91噸二氧化碳當量 / 兆瓦時
Scope 2 GHG emission 範疇二的溫室氣體排放	0.001 tonne CO <sub>2</sub> e/MWh 0.001噸二氧化碳當量 / 兆瓦時
PM <sub>10</sub> PM <sub>10</sub>	0.00006 tonne/MWh 0.00006噸 / 兆瓦時
SO <sub>2</sub> SO <sub>2</sub>	0.0002 tonne/MWh 0.0002噸 / 兆瓦時
NO <sub>x</sub> NO <sub>x</sub>	0.0013 tonne/MWh 0.0013噸 / 兆瓦時

## Green and Efficient Operation

In 2014, we consumed around 1,500,857 GJ of energy in total, where more than 60% of which was self-supplied renewable energy. Since we underwent rapid expansion in terms of project scale and number in the past year, the reduction in energy may not be reflected from the energy consumption data. We have however achieved remarkable efficiency improvement and energy saving from various environmental initiatives, such as installing energy saving equipment, employing season-responsive lighting control and sound control lights, etc.

## 綠色及高效運營

於二零一四年，我們合共耗用約1,500,857吉焦的能源，其中超過60%為自供可再生能源。由於去年我們的項目規模及數目快速發展，我們的節能成果未必能在能耗數據中直接反映。但我們因各項環保改革措施而顯著提高效能及節省能源，例如安裝節能設備、採用按季節要求的照明控制及聲控燈等。

## Total Energy Consumption by Source (2014)

## 按來源類型劃分的總能源耗用(二零一四年)

		From power plants 來自發電廠	Self-produced electricity 自產電力	Fuel oil 燃油	Total 總計
Energy consumption	耗用能源	560,423.83	914,291.91	26,140.88	1,500,857

Unit: GJ 單位：吉焦

Remark: The products and services in CEIL's core businesses do not lead to any additional energy consumption for customers.

備註：光大國際的核心業務的產品及服務不會對客戶造成額外的能耗。

### Case story: Modifying the high-pole lamps for a brighter future

The electricians in the maintenance center of Zibo Water Project Company have been working towards improving energy efficiency of existing facilities. In June 2014, the project company approved the modification initiative of high-pole lamps in the plant, and replaced 24 high-pressure sodium lamps with 12 LED lights. The initial statistics showed that more than RMB60,000 of electricity fee can be saved every year with improving the lighting performance at the same time.

### 個案分享：為更美好未來改造高桿燈

淄博水務項目公司維修中心的電工一直努力改善現有設施的能效。於二零一四年六月，該項目公司批准改造廠區的高桿燈，將24支高壓鈉燈替換為12支LED燈。初步統計顯示，每年可節約電費超過人民幣60,000元，同時照明效果得到改善。

We obtain water mainly from municipal water supplies. In the reporting year, we consumed a total of 44,714,942 m<sup>3</sup> of water. Our project companies are encouraged to provide on-site waste water treatment facilities to treat and reuse all waste water generated during the operation treatment processes, where 82% of the total water usage came from recycled water. The recycled water was reused in accordance with the 'Reuse of Urban Recycling Water – Water Quality Standard for Industrial Uses (GB/T 19923-2005)' and the 'Reuse of Urban Recycling Water – Water Quality for Landscape Environmental Use (GB/T 18921-2002)'.

我們的水主要來自市政供水。於報告年度，我們耗用合共44,714,942立方米的水。我們鼓勵項目公司通過廠房內的污水處理設施處理並將生產過程中所產生的所有污水循環再用，循環再用水相當於總用水量的82%。循環再用水是根據「城市污水再生利用工業用水水質(GB/T 19923-2005)」及「城市污水再生利用景觀環境用水水質(GB/T 18921-2002)」標準循環再用。

## Total Water Consumption, Withdrawal and Recycled by Types of Operation (2014)

按運營類型劃分的總耗水量、取水量及循環水量(二零一四年)

Type of operation	運營類型	Water consumption for production (including billed water and recycled water) (m <sup>3</sup> ) 用於生產的耗水量(包括收費用水及循環水)(立方米)	Water withdrawn from municipal water supplies or other water utilities (m <sup>3</sup> ) 取自市政供水或其他水務設施的水量(立方米)	Total volume of recycled and reused water (m <sup>3</sup> ) 循環及再用水總量(立方米)	Percentage of recycled and reused water in total water consumption (%) 循環及再用水佔總用水量的百分比(%)
Environmental Energy	環保能源	34,961,377	1,899,572	33,061,806	94.57%
Environmental Water	環保水務	9,029,003	6,326,750	2,702,253	29.93%
Alternative Energy	新能源	724,562	28,912	695,650	96.01%
Total	總計	44,714,942	8,255,234	36,459,709	81.54%

Unit: Million Tonne 單位：百萬噸

Remark: Since CEIL's water use mainly relies on municipal supply and recycled water, there is no significant impact on the water sources.

備註：由於光大國際的用水主要依靠市政供水及循環水，故不會對水資源造成重大的影響。

### Case story: Quadruple Competition Campaign 2014

To further reduce our environmental impact, in August 2013, we launched a company-wide initiative called 'Quadruple Competition'. The initiative encourages our project companies to compete with each other on conserving resource, enhancing efficiency, saving energy and controlling cost. The campaign enabled our people to generate ideas for greener operation by exerting their creativity and passion on environmental conservation, and has been receiving positive responses.

### 個案分享：二零一四年的「四比」活動

為了進一步減少我們的業務對環境產生的影響，於二零一三年八月，我們推出一項名為「四比」活動的全公司活動。該活動鼓勵我們的項目公司在節約資源、提高效率、節能及成本控制方面進行比賽。該活動使我們的僱員通過發揮環境保護的創造力及對環保的熱衷從而產生使運營更環保的點子，反應熱烈。



For instance, our Dezhou Water Project Company achieved remarkable result in the Quadruple Competition 2014 with the help of advanced technology and smarter operation – The Nanyunhe Plant saved 800,000 kWh electricity through controlling the number of operating machines and operation hours of blowers, while the Lingxian Plant 1 saved 130,000 kWh electricity through optimizing the operation mode of the oxidation ditch propeller. Meanwhile, Lingxian Plant 2 saved RMB28,000 worth of chemical agents through adjustment of the tipping method and quantity of polyaluminium chloride (PAC) for the machine clarifying tank, while maintaining the quality of the outlet water at good standard. In terms of production cost control, the departments followed the “Operating Cost Target Control System” to set saving targets for various production processes, which reduced the total production cost by RMB0.0095 per unit output. Especially, the chemical agent fee, maintenance fee, sludge treatment fee and other fees per tonne of waste water treated were reduced by 6%, 8%, 26% and 11% respectively.

Apart from environmental benefits, the campaign successfully improved the operating efficiency of our plants and built the capacity of our people on the relevant topics. It has become a strategic initiative for our sustainable growth.

### Sustainable Resources Management

Material management is highly relevant to our core business. As an environmental protection enterprise, we work towards utilizing our community resources by transforming different kinds of municipal waste into clean energy. The materials used by our Environmental Energy and Alternative Energy businesses consist mainly of waste materials such as household waste, medical waste and biomass, while our waste water treatment business primarily consumed a variety of chemicals.

例如，憑藉先進的技術及更精明的運營，我們的德州水務項目公司在二零一四年的四比活動成效顯著－憑藉控制操作機的數目及鼓風機的運轉小時數，南運河廠節省約800,000千瓦時電力；憑藉優化氧化溝推進器的操作模式，陵縣一廠節電130,000千瓦時。與此同時，陵縣二廠通過調整機械澄清池聚合氯化鋁(PAC)的投加方式和投加量，全年節省藥劑費用2.8萬元，並保證了出水的穩定達標。在生產成本控制方面，各部門遵循「運營成本目標監控制度」，為各個生產程序設立節能目標，每單位產出總生產成本降低了人民幣0.0095元。尤其是，每噸污水處理的化學劑費、維護費、污泥處理費及其他費用分別減少6%、8%、26%及11%。

除了環境效益，該活動成功提高我們廠房的運營效率，並增進了員工對相關主題的知識。該活動已成為我們可持續發展的戰略性措施。

### 可持續資源管理

資源管理與我們的核心業務密切相關。作為一家環保企業，憑藉將不同的城市垃圾轉化為清潔能源，我們致力於妥善運用社區資源。我們的環保能源及新能源業務所用的物料主要包括生活垃圾、醫療垃圾及生物質等廢棄物料，而我們的污水處理業務主要耗用多種化學品。

## Material Consumption of Environmental Energy (2014)

## 環保能源的物料耗用量(二零一四年)

		2014 consumption (Tonne) 二零一四年的 耗用量(噸)
<b>Renewable Materials</b>	<b>可再生物料</b>	
Household waste	生活垃圾	5,364,583.00
Industrial and hazardous waste <sup>5</sup>	工業及危險廢物 <sup>5</sup>	56,811.00
<b>Non-renewable Materials</b>	<b>不可再生物料</b>	
<b>Material consumption during production process</b>	<b>於生產過程中的物料耗用量</b>	
Activated charcoal	活性炭	1,613.13
Ca(OH) <sub>2</sub>	氫氧化鈣	58,161.91
Acid	酸	450.92
Ammonia water	氨水	10,559.29
Fuel oil	燃油	508.57
Desalinated water	除鹽水	369,461.10
Cement	水泥	13,159.77
<b>Material consumption for leachate treatment</b>	<b>滲濾液處理的物料耗用量</b>	
HCl	鹽酸	1,572.03
Scale inhibitor	阻垢劑	119.16
NaClO	次氯酸鈉	491.78
Cationic Polyacrylamide (CPAM)	陽離子聚丙烯酰胺	59.37
NaOH	氫氧化鈉	16.53
Citric acid	檸檬酸	1.88
<b>Total</b>	<b>總計</b>	<b>5,877,569.44</b>
<b>Percentage of recycled materials (%)<sup>6</sup></b>	<b>循環再用物料佔用比例(%)<sup>6</sup></b>	<b>91.27</b>

<sup>5</sup> The hazardous waste treated by us in 2014 include medical waste, concentrated sludge and slop oil.

<sup>5</sup> 我們於二零一四年處理的危險廢物包括醫療垃圾、濃縮污泥及廢油。

<sup>6</sup> By the definition defined in "G4 Implementation Manual", the household waste, industrial and hazardous waste, and biomass used by CEIL in the production process are regarded as recycled materials.

<sup>6</sup> 根據「G4 實施手冊」中所定義之定義，光大國際在生產過程中所使用的生活垃圾、工業及危險廢物及生物質被視為再生物料。

## Material Consumption of Environmental Water (2014)

## 環保水務的物料耗用量(二零一四年)

Raw material	原材料	2014 consumption (Tonne) 二零一四年的耗用量(噸)
<b>Non-renewable Materials</b>	<b>不可再生物料</b>	
Polymerization ferric chloride (PFC)	聚合氯化鐵	5,052.81
Sodium hypochlorite	次氯酸鈉	2,787.93
Organic flocculant	有機絮凝劑	443.76
Inorganic flocculant	無機絮凝劑	16,632.24
FeCl <sub>3</sub>	三氯化鐵	9,975.41
Lime	石灰	2,354.57
<b>Total</b>	<b>總計</b>	<b>37,246.72</b>

## Material Consumption of Alternative Energy (2014)

## 新能源的物料耗用量(二零一四年)

Raw material	原材料	2014 consumption (Tonne) 二零一四年的耗用量(噸)
<b>Renewable Materials</b>	<b>可再生物料</b>	
Biomass	生物質	344,923.04
<b>Total</b>	<b>總計</b>	<b>344,923.04</b>
<b>Percentage of recycled materials (%)<sup>6</sup></b>	<b>循環再用物料佔用比例 (%)<sup>6</sup></b>	<b>100</b>

We deeply believe that “wastes are misplaced resources”, and strive to maximize the value of resources by sustainable recycling practice. All leachates, industrial waste water, sludge, fly ash and incineration residues, etc. produced in our operations are treated in accordance with the environmental and safety standards of relevant regulations before discharging to the environment. In terms of waste-to-energy projects, the fly ashes are safely buried in landfills after solidification to reduce environmental impact, and over 97% of incineration residues were reused for brick making, earth covering or integrated utilization.

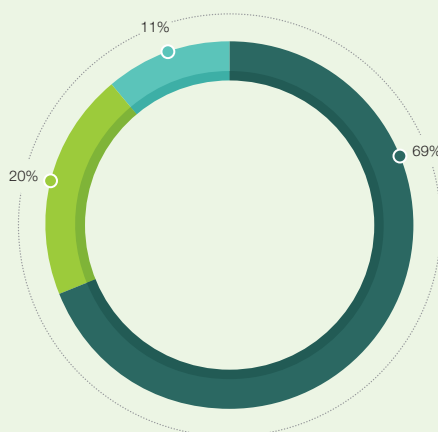
我們深信「廢物乃錯放的資源」，並竭力以可持續循環利用，最大限度地發揮資源的價值。我們運營中所產生的所有滲濾液、工業污水、污泥、飛灰和爐渣等，排放至環境前均已按照相關規定的環保及安全標準處理。至於垃圾發電項目，飛灰固化後會予以安全填埋，以減少對環境的影響；超過97%的爐渣會循環用作製磚、覆土或綜合利用。

Total Weight of Fly Ash Produced by Disposal Methods (2014)

按處置方法劃分的產生飛灰總重量 (二零一四年)

Fly ash	飛灰	Landfill disposal as non-hazardous waste after solidification 固化後按非危廢填埋處置	Landfill disposal as hazardous waste 按危廢填埋處置	Sold to third party 出售予第三方	Total 總計
		104,908	30,960	16,722	152,590

Unit: Tonne 單位：噸



Fly ash disposal methods  
飛灰處置方法

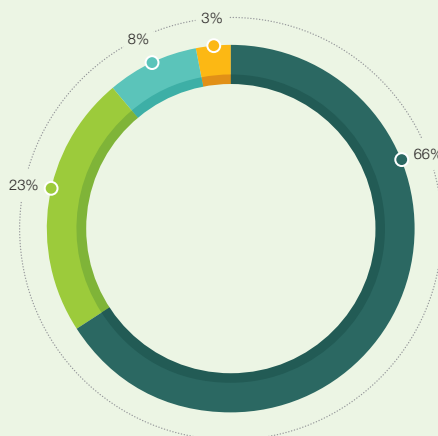
- Landfill disposal as non-hazardous waste after solidification  
固化後按非危廢填埋處置
- Landfill disposal as hazardous waste  
按危廢填埋處置
- Sold to third party  
出售予第三方

Total Weight of Incineration Residue Produced by Disposal Methods (2014)

按處置方法劃分的產生爐渣總重量 (二零一四年)

Incineration residue	爐渣	Bricks making 製磚	Integrated utilization after environmental treatment 環保處理後綜合利用	Reused as earth covering 用作覆土	Sold to third party 出售予第三方	Total 總計
		698,300	240,457	87,296	30,590	1,056,643

Unit: Tonne 單位：噸



Incineration residue disposal methods  
爐渣處置方法

- Bricks making  
製磚
- Integrated utilization after environmental treatment  
環保處理後綜合利用
- Reused as earth covering  
用作覆土
- Sold to third party  
出售予第三方

### Total Weight of Other Wastes Produced by Disposal Methods<sup>7</sup> (2014)

### 按處置方法劃分的產生其他廢物總重量<sup>7</sup> (二零一四年)

		Mass burn 批量焚燒	Landfill disposal 填埋處置
Obsolete packaging materials	廢舊的包裝材料	2.79	-
Dust	粉塵	-	0.025
Obsolete activated charcoal	廢棄的活性碳	-	2.17

Unit: Tonne 單位: 噸

<sup>7</sup> For Industrial Solid Waste and Hazardous Waste Landfill Projects only.

<sup>7</sup> 僅用於工業固廢及危險廢物填埋項目。

As for our waste water treatment business, we strive to ensure that all waste water are treated by the waste water treatment system, and discharged (after possible reuse) in accordance with relevant national regulations including “Environmental Quality Standard for Surface Water (GB3838-2002)”, “Surface Water Resources Quality Standard (SL63-94)”, “Quality Standard for Groundwater (GB/T14848-93)” and “Discharge Standard of Pollutants for Municipal Waste Water Treatment (GB18918-2002)”, as well as standards stipulated in the EIA reports or concession documents. All waste water treated will be disinfected by ultraviolet radiation or chlorine dioxide. We also treat the sludge in accordance with relevant national and international standards. Last year, more than 70% of the sludge was recycled by the fertilizer plants. In order to reduce the stress on landfill, sludge has also undergone dewatering treatment process before being disposed to landfill.

至於我們的污水處理業務，我們致力確保所有污水通過污水處理系統處理及按照國家相關規定儘可能在循環再用之後排放，有關規定包括「地表水環境質量標準(GB3838-2002)」、「地表水資源質量標準(SL63-94)」、「地下水質量標準(GB/T14848-93)」及「城鎮污水處理廠污染物排放標準(GB18918-2002)」，以及環評報告及環評批覆所訂明的規定。所有的污水經由紫外線照射或二氧化氯消毒處理。我們亦按照相關國家及國際標準處理污泥。在去年，超過70%的污泥被送到化肥廠循環再用。為減輕填埋場的壓力，在填埋處置前我們亦先為污泥進行脫水處理程序。

### Total Water Discharged by Destinations (2014)

### 按排放地點劃分的總排放量(二零一四年)

		Municipal sewage pipelines 城市污水管網	Greening 綠化	Landscape pond 景觀水池	River/Ocean 海洋/河流	Total 總計
Water discharged from production process by destinations	按排放地點劃分生產過程的排放量	3,476,366	116,624	32,560	565,072,446	568,697,996

Unit: m<sup>3</sup> 單位: 立方米

## Total Sludge Discharged by Disposal Methods (2014)

## 按處置方法劃分的污泥總排放量 (二零一四年)

		Designated fertilizer plant 指定的化肥廠	Designated treatment site 指定的 處理場地	Landfill disposal 填埋處置	Incineration after dewatering 脫水後的 焚燒	Total 總計
Sludge discharged	污泥排放	211,653	16,644	48,421	22,090	298,808

Unit: Tonne 單位：噸

### Other Environmental Concerns

**Biodiversity** – All our project sites are prepared by the governments and designated for industrial purposes. There are no project sites in or adjacent to the protected areas and areas of high biodiversity value. In addition, the waste water treated by advanced technology does not have significant residual impact to the downstream water bodies. Therefore, our operations would not create adverse impacts on biodiversity. Nonetheless, we regard protecting the ecological system as our responsibility, and have been promoting biodiversity in the PRC through sponsoring and organizing various campaigns. For instance, in 2014, we initiated the first ‘Everbright Environment Ecology Dream Sponsorship Scheme’, which provided funds to support university students in conducting environmental protection projects in relation to eco-concept, eco-education, eco-innovation and eco-culture. Besides, we collaborated with Sina Miaopai to initiate a mini-video competition, which motivated the students to communicate their visions and stories about ecological protection through new media. We also sponsored university students to take part in “Green Expedition” in the pilot areas of ecological civilization construction to conduct research, seminar and produce study reports relevant to ecology and biodiversity.

**Products and Services** – The environmental impacts associated with our main products (green electricity and treated waste water) are mitigated by our green operation during the production phase. Packaging and reclaiming are not applicable for our core products.

**Transportation** – As the green electricity produced is transmitted to nearby power grid companies, and that the waste water treated is discharged in designated water bodies directly, the environmental impact of transportation of our products is negligible. We are aware of the environmental impact associated with commute trips by our people, and will try to collect relevant data and report the relevant impact in the future.

### 其他環境關注

**生物多樣性** – 我們所有的項目用地均為政府所準備的工業用地。我們的項目沒有設立在保護區及具有重要生物多樣性價值的地區或其毗鄰地區。此外，污水經過先進技術處理後排放不會對下游水體造成重大不利影響。因此，我們的運營不會對生物多樣性造成不利影響。儘管如此，我們視保護生態系統為己任，並藉由贊助及舉辦各種活動，推動中國在生物多樣性的發展。例如，於二零一四年，我們發起首屆「光大環保生態夢想資助計劃」，規定資金支持大學生開展有關生態理念、生態教育、生態創新及生態文化的環保項目。此外，我們與新浪秒拍合作發起拍攝微視頻大賽，激發學生通過新媒體分享有關生態保護的夢想及故事。此外，我們資助大學生參與「綠色長征」，在生態文明建設試點區進行相關生態及生物多樣性的調研、研討及編製研究報告。

**產品及服務** – 通過我們的綠色運營，我們的主要產品（綠色電力及處理污水）在生產期間產生的環境影響得以緩減。包裝及回收不適用於我們的核心產品。

**交通運輸** – 由於產生的綠色電力傳輸至附近的電力公司，處理後的污水直接排在指定的水體，我們產品的運輸對環境的影響甚微。我們瞭解我們僱員上下班的交通安排對環境的影響，我們將盡量收集相關數據以求在未來報告該議題。

**Environmental Compliance and Grievance** – All our Environmental Energy and Alternative Energy projects are in full compliance with prevailing environmental laws and regulations in 2013 and 2014. As for our water business, we have identified 4 and 3 environmental compliance cases in 2014 and 2013 respectively (G4-22). We have swiftly responded to the possible exceedance through our established environmental management system. Taking the case of Qingdao Waste Water Treatment Project Company as an example – in September 2014, Qingdao's local newspaper reported that the ammonia nitrogen in the waste water discharged from Maidaowaste Water Treatment Plant did not comply with the required standard. We responded promptly and found that there was a gap between the requirement of concession agreement and the standard as set by the Environmental Protection Bureau. We immediately started preparing the technical proposal and work programme to improve the standard of waste water discharged from the plant, which will upgrade the quality of waste water to Grade 1A standard of the Discharge Standard of Pollutants for Municipal Waste water Treatment Plant (GB18918-2002). On the other hand, there was no grievance about environmental impacts or any significant spills record in 2014.

**Additional Environmental Protection Expenditure** – In 2014, our Environmental Energy business invested around RMB85,061,000 in environmental management and restoration. As our business nature is already for the protection of environment, the environmental expenditure here mainly refers to mainly the cost for fly ash and incineration residue treatment, air pollutant/leachate treatment and monitoring, emission discharge fee, etc. Details of these expenditures are summarized below:

**環境合規及投訴**—於二零一三年及二零一四年，我們所有的環保能源及新能源項目完全遵守環保法律及法規。至於我們的水務業務，我們已於二零一四及二零一三年分別確認4宗及3宗環保合規性事件(G4-22)。我們已通過建立的環境管理制度對潛在超標迅速作出回應。以青島污水處理項目公司為例—於二零一四年九月，青島當地報紙報導麥島污水處理廠排放的污水氨氮含量不符合規定的標準。我們迅速作出回應，發現特許經營協議規定與環保局的標準存在差異。我們立即開始編製技術建議及工作計劃，以提高工廠排放污水的標準，從而將污水水質升級至城鎮污水處理廠污染物排放標準(GB18918-2002)的一級A標準。另一方面，於二零一四年並無有關環境影響的投訴或任何重大洩漏記錄。

**額外環保開支**—於二零一四年，我們的環保能源業務投資約人民幣85,061,000元用於環境管理及治理。由於我們的業務已屬環保性質，此處環保開支主要指飛灰及爐渣處理成本、氣體污染物 / 滲濾液處理及監測、排放處理費等。有關開支詳情概述如下：

Type of Operation 運營類型	Additional Environmental Protection Expenditure (2014) 額外環保開支(二零一四年)						Total 總額
	Waste disposal 廢物棄置	Pollutant treatment 污染物處理	Pollutant monitoring 污染物監測	Pollutant discharge fee 排污費	Environmental material 環保物料	Other environmental management expense 其他環境管理費	
Environmental Energy 環保能源	29,512,670.99	25,453,800.42	6,870.56	1,195,633	7,604,526.08	20,317,388.29	85,060,889.34

Unit: RMB 單位：人民幣

## People-Oriented 以人為本





## Our People

CEIL is proud to be a responsible employer. We truly understand the importance of recruiting and retaining talents for the sustainable development of the Company. In implementing human resources development strategies, we place substantial resources in providing every employee with valuable training programs, flexible development opportunities and decent working environments, so as to build a fair, harmonious, diverse and safe platform for their personal and professional growth. Supplemented by clear management guidelines and transparent communication within the organization, our corporate culture plays a vital role in driving and inspiring all 'CEILness' to strive for safeguarding the environment and benefiting the society.

### Attracting the Best Talents

We are always looking for the best talents to join the CEIL family. Our talent acquisition process does not have bias on the candidates' age, place of origin, seniority, background, and other factors that appear to be irrelevant for the job application, but only focuses on the candidates' competencies, qualifications, and suitability for the corresponding position.

We established a systematic recruitment approach by formulating detailed recruitment plans according to the post configuration, and establishing long term relationship with large scale recruitment sites and higher education institutes of matched specialties. We are also committed to recruiting staff locally in order to increase local employment opportunity. In 2014, 73% of staffs positioned as senior management at our locations of operations are recruited from local province. We continuously work with our recruitment and talent acquisition team to hire staff at the local level to put ourselves for a better position to understand the local needs and expectations.

### Employee Key Statistics - Recruitment and Retention

Indexes	指標	2014 Data 二零一四年數據
Total number of employees	僱員總數目	1,910
Newly employed employees	新聘僱員	370
Local employees	當地員工	1,635
Employee turnover rate	僱員流失率	9.58%

## 我們的僱員

光大國際以作為負責任的僱主為傲。我們深明吸引及挽留人才對本公司可持續發展的重要性。在執行人力資源發展策略時，我們投入大量資源為各僱員提供極具價值的培訓、靈活的發展機會及合宜的工作氛圍，為僱員個人及專業發展營造公平、和諧、多元及安全的平台。配合清晰的管理指引及透明的組織溝通，我們的企業文化在推動及激勵所有「光大國際人」致力於保護環境及造福社會方面擔當重要角色。

### 引進領軍人才

我們一直在尋找領軍人才加入光大國際的大家庭。我們招攬人才時不論候選人的年齡、出生地、年資、背景及與申請職位無關的其他因素，僅會關注候選人的能力、資歷及是否適合相應的職位。

我們設立系統化的招聘途徑，根據職位配置制訂詳細的招聘計劃，與大型人才招聘會組織機構及專業的高等院校建立長期合作關係。我們亦致力在項目當地招聘員工以增加本土就業機會。於二零一四年，我們運營項目73%的高級管理人員均來自當地。我們不斷地與人才招聘團隊合作進行當地招聘，令我們更容易掌握當地的需求及期望。

### 僱員主要數據－吸引及挽留

## Our People 我們的僱員

Apart from recruiting new blood outside the corporate, we provide various opportunities for our existing employees to nurture their growth. Particularly, we invite our people to participate in internal recruitment campaigns to fill the middle-to-senior positions on a regular basis. The internal recruitment process normally consists of three parts: written test, presentation/interview and continuous assessment, which are conducted in a fair, open and impartial environment. A total of 61 employees were recommended by the project companies and 25 employees were selected for promotion through the internal recruitment campaigns held in 2014.

We have launched many career-wise and personal incentives to retain our talents. For instance, to help our people develop their career paths, we offer internal rotation opportunities and mentoring programmes for them to gain new knowledge and exposure in wider job functions. We have also established and refined a Talent Reserved Pool to develop a stepping and “catch-up” human resource strategy.

On the other hand, we strive to provide attractive employee benefits to further enhance our people’s quality of life. We provide standard benefits for all of our full-time employees, which include life insurance, health care, disability and invalidity coverage, parental leave, etc. In particular, we recognize and value the efforts contributed by our employees. Thus, retirement benefits are one of the significant components in our staffing plan. Our retirement benefits plan is offered on top of the mandatory endowment insurance as required by the relevant laws and regulations. We have also developed a supplementary pension system with our employees as an additional retirement benefit. Our company and employees will both contribute to the pension system. We strive to prepare the retirement life of our people and wish the quality of their lives can be sustained. As of 31 December 2014, the total contribution on retirement schemes of CEIL amounted to HK\$54,859,000.

### Employee Key Statistics - Eligible Employees for Retirement

除了從企業外部吸納新血外，我們亦為現有員工提供各類機會以培養其成長。我們會定期邀請僱員參與內部競聘，以填補中高層職位。整個內部競聘過程一般包括三個部份：筆試、演示 / 面試及持續考核，該等部份均在公平、公開、公正的情況下進行。二零一四年項目公司共推薦61名員工參加內部競聘，其中25名獲得提拔。

我們為挽留人才推出多項職業生涯及個人激勵措施。例如，為幫助僱員開拓事業，我們給予內部輪崗機會及師承計劃，讓僱員在更廣泛的工作職能中汲取新知識及開闊視野。我們亦建立及完善人才儲備庫，以推進階梯式和遞補式的人力資源策略。

另一方面，我們致力於提供具吸引力的員工福利，進一步提高我們僱員的生活素質。我們為所有全職僱員提供包括人壽保險、醫療保健、傷殘及疾病保障、產假等標準福利。我們認同並重視員工所付出的努力。因此，退休福利乃我們員工計劃的重要組成部份之一。我們的退休福利計劃超出相關法律及法規規定的強制性養老保險。我們還制訂了僱員補充養老制度，作為額外退休福利。本公司與僱員均向該退休計劃供款。我們竭力為僱員的退休生活作準備，希望可維持他們的生活質素。截至二零一四年十二月三十一日，光大國際就退休計劃的供款總額為港幣54,859,000元。

### 僱員主要數據－合資格退休的僱員

By Employee Category	按僱員類別劃分	In 5 years 5年內	In 10 years 10年內
Senior Management	高級管理人員	0.3%	0.7%
Middle-Level	中層	0.3%	0.8%
General and Technical Staff	一般及技術人員	4.2%	9.6%

## Growing with CEIL

As a people-oriented enterprise, we care what our people want, and support employees' growth with due consideration of their own development needs. We are committed to becoming a school for our employees to continuously improve their technical knowledge and personal traits.

For new employees, the trainings we provide include corporate culture education, safety education, corporate regulation and policy study, as well as mentorship programme. In order to assist newcomers to become familiar with and adapt to the corporate culture, all new employees are encouraged to attend an on-boarding programme such as executing training camp.

For existing employees, we adopt an integrated approach to provide comprehensive trainings, which can be summarized in four dimensions:

### i) Integration of entire training and priority training

We organize three to four sessions of training for our entire personnel every year, such as visits to model plants and innovation and technology seminars. We also select elite staff to participate in CEO / MEng Program in Tsinghua University.

### ii) Integration of general training and professional training

We collaborate with government departments and higher education sectors to co-organize technology salons and invite their experts to give lectures to our employees. We also support our employees in obtaining professional qualifications, including national laboratory personnel and special operations personnel.

### iii) Integration of internal and external training

To further enhance our management innovativeness and market share, we arranged various business trips to overseas countries, for our employees to learn about the practices of other counterparts in the environmental protection sector. We hope to bring back what we learned from others and apply the knowledge on our projects, particularly in the design optimization of the environmental protection projects in the PRC.

## 與光大國際共同成長

作為以人為本的企業，我們關注僱員所需，充分考慮員工自身發展需求並支持他們成長。我們致力成為不斷提高員工技術知識及個人品質的社會大學。

對於新員工，我們提供的培訓包括企業文化教育、安全教育、企業規例及政策以及師承計劃。為協助新員工熟悉及融入企業文化，我們鼓勵所有新員工參加執行力培訓營等入職活動。

對於現有員工，我們採用綜合方法以提供全面的培訓，可概述為四個方面：

### i) 全員培訓與重點人員培訓相結合

每年我們為全體人員組織三至四期培訓課程，如參觀示範工廠及創新科技研討會。我們亦選擇精英員工參加清華大學的總裁班 / 工程學碩士課程。

### ii) 綜合培訓與專業培訓相結合

我們與政府部門及高等教育部門合作聯合舉辦技術沙龍，並邀請專家為我們的員工授課。我們亦支持員工考取專業資格，包括內部實驗室人員及特殊作業人員。

### iii) 外出培訓與內部培訓相結合

為進一步加大我們的管理創新力度及市場份額，我們安排員工到海外國家進行考察調研，以觀摩學習環保部門其他同行的經驗。我們希望引進我們從其他同行學習所得的知識，並在我們的項目上學以致用，特別是對中國環保項目進行設計優化。

### iv) Integration of training and assessment

We have established departmental performance assessment system and revised the target/ performance assessment standards for production department, administration department and general employees, so as to inspire the potential and proactiveness of our employees.

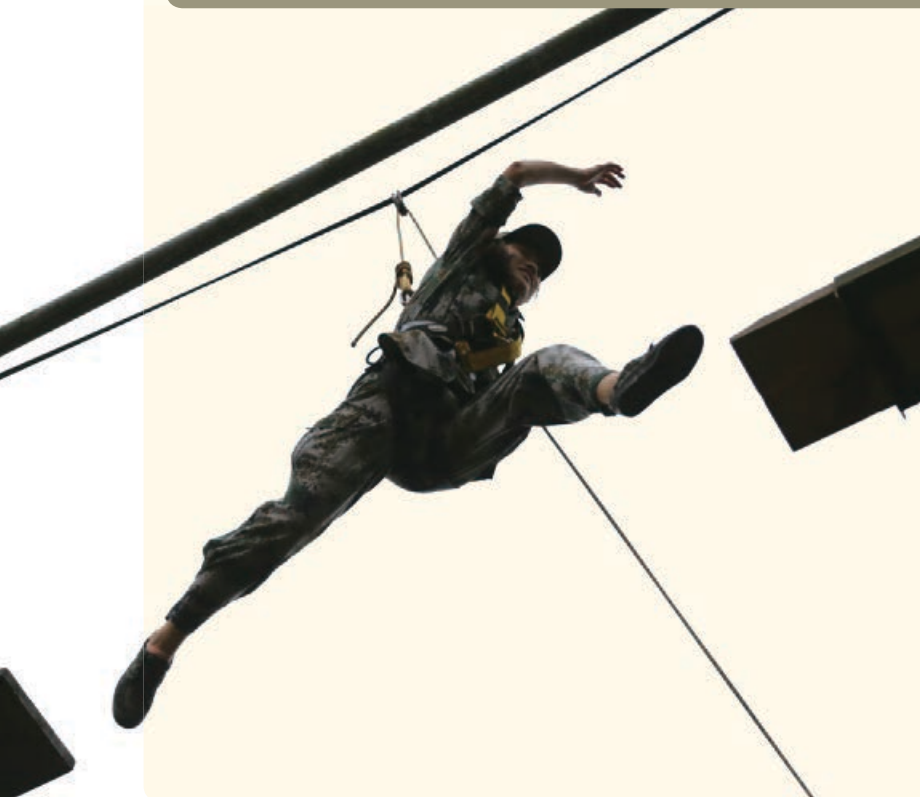
### iv) 培訓與考核相結合

我們已建立部門表現評估制度，及修訂生產部、行政部及一般僱員的目標 / 表現評估標準，以激發員工的潛能及積極性。

The following table summarizes the main training programmes provided in 2014:

下表概述於二零一四年提供的主要培訓課程：

Type/Scope of Training 培訓類型 / 範疇	Example Programme/Course 例子方案 / 課程
Integrated training activity 綜合培訓活動	Executing Ability Training Camp 執行力訓練營 Outward bound 外展培訓
Continuous study in higher education 持續學習高等教育	CEO Training Program and Master of Environmental Engineering Program in Tsinghua University 清華大學的總裁班培訓課程及環境工程學碩士課程
Anti-bribery and corruption 反賄賂及反貪污	Anti-bribery seminar 反賄賂研討會
Human resources system and administration 人力資源制度及管理	Enterprise Accounting System 企業會計制度
Technical knowledge in Renewable Energy/Waste Water Treatment 可再生能源 / 污水處理的技術知識	Technical training on hazardous waste combustion 有關危廢焚燒的技術培訓 Training on water quality analysis, error theory and data management 有關水質分析、誤差理論及數據管理的培訓



Type/Scope of Training 培訓類型 / 範疇	Example Programme/Course 例子方案 / 課程
Equipment usage and maintenance 設備的使用及維護	Operation and management of environmental pollution treatment facilities 環境污染處理設施的操作及管理
Occupational health and safety training 職業健康與安全培訓	Training on contingency plans covering environmental pollution accident, fire protection on fuel storage yard, spillage of hazardous chemicals, etc. 有關涉及環境污染事故、燃料堆放場的防火安全、危險化學品洩漏等應急計劃的培訓
Professional/Certification training 專業 / 認證培訓	Training course for occupational health certificate 職業健康證書的培訓課程
Regulation and management system 規例及管理制度	Introduction to the revised Environmental Protection Law of the People's Republic of China 講解修訂後的《中華人民共和國環境保護法》 ISO management systems standards and audits ISO管理制度標準及審核
Career development 事業發展	Effective communication skills in workplace 工作場所的有效溝通技巧 Leadership and creativity 領導力及創造力
Personal development 個人發展	Lecture on investment and financial management 投資及財務管理講座 Introduction to music appreciation 音樂欣賞介紹
Plant/Site visits 廠房 / 實地探訪	Site visit in Matougang Waste Water Treatment Plant in Zhengzhou 鄭州馬頭崗污水處理廠實地探訪

### Employee Key Statistics - Training and Development Average Training Hours Per Employee in 2014

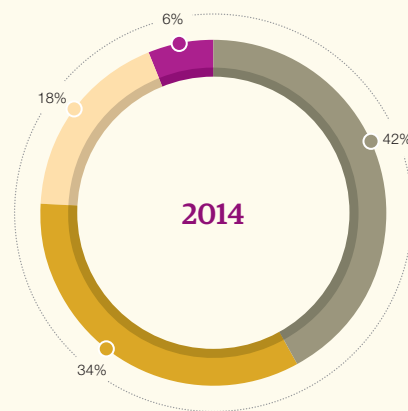
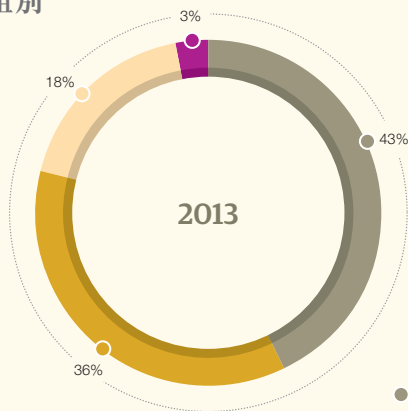
### 僱員主要數據－培訓及發展 二零一四年每名僱員的平均培訓時數

		Hours 小時
<b>By Gender</b>	按性別劃分	
	Male 男性	15.2
	Female 女性	24.0
<b>By Employee Category</b>	按僱員類別劃分	
	Senior Management 高級管理人員	17.3
	Middle-Level 中層	17.2
	General and Technical Staff 一般及技術人員	17.1

Employee Key Statistics - Diversity of Employees

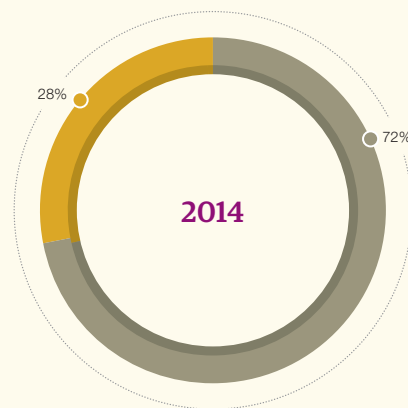
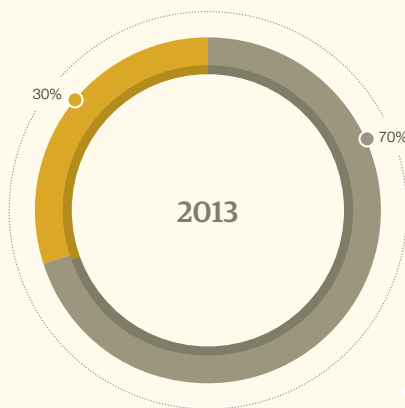
僱員主要數據－僱員多元化

Age Group  
年齡組別



- ≤30 三十歲或以下
- 31-40 三十一歲至四十歲
- 41-50 四十一歲至五十歲
- >50 五十歲以上

Gender  
性別



- Male 男性
- Female 女性

To face the challenge of the competitive labour market and facilitate internal staff rotation, we have established a unified remuneration system and comprehensive performance appraisal system, both of which are reviewed on a regular basis. We also strive for optimization of the remuneration system by paying attention to frontline staff and position with heavy duty. All employees have received annual performance and career development review during the reporting period.

*Case story: The 10th CEIL Executing Ability Training Camp*

From 19 to 27 May, 2014, the 10th CEIL Executing Ability Training Camp was successfully held in Shenzhen National Defense Education Center. 204 employees from various project companies participated in the camp. The training camp enabled our people to understand CEIL's corporate culture and history, and enhanced their teamwork skills and executing ability through experiencing army life. The scale and content of the training camps have been more and more improved. So far, more than 1,360 employees have taken part in the Executing Ability Training Camp.

為應對激烈競爭的勞動市場挑戰及促進內部人員調動，我們成立了統一的薪酬機制及整體表現評估體制，並定期就此兩個系統進行檢討。我們亦致力於優化前線及身負重職的員工的薪酬制度。於報告期間，全體僱員每年均會接受表現及職業發展檢討。

*個案分享：光大國際第十期執行力訓練營*

二零一四年五月十九日至二十七日，光大國際第十期執行力訓練營於深圳市國防教育訓練基地完美落幕。來自不同項目公司的204名員工參加了訓練營。訓練營讓我們的僱員了解光大國際的企業文化及歷史，並通過體驗軍旅生活提高他們的團隊合作技巧及執行力。訓練營的規模及內容日趨完善。迄今已超過1,360名僱員參加執行力訓練營。



**Promoting Equal Opportunity and Human Rights**

We are highly aware of the importance of equal opportunity and human right. To create a supportive work environment, we believe it is important to provide equal opportunities to our people regardless of age, gender, race, nationality, ethnic background, sexual orientation, political affiliation, religion, marital status, disability, veteran status, citizen status, or other protected group status as defined by applicable national, provincial and local legislations. Our zero tolerance to discrimination approach is embedded in our corporate culture and to date, there have been no reported cases of discrimination.

**促進平等機會及人權**

我們深知平等機會及人權的重要性。為創造有利的工作環境，我們相信，為每個僱員提供平等的機會十分重要，絕不會因為僱員的年齡、性別、種族、國籍、民族背景、性取向、政治立場、宗教、婚姻狀況、殘疾、服兵役狀況、公民身份或其他受保護組織狀況(定義見適用國家、省份及地方法例)而有所影響。我們的公司文化不容歧視存在，而至今亦無出現任何歧視個案。

### Employee Key Statistics - Diversity of Employees

### 僱員主要數據－僱員多元化

		2014 二零一四年	2013 二零一三年
<b>Age Group</b>	<b>年齡組別</b>		
≤30	三十歲或以下	42%	43%
31-40	三十一歲至四十歲	34%	36%
41-50	四十一歲至五十歲	18%	18%
>50	五十歲以上	6%	3%
<b>Gender</b>	<b>性別</b>		
Male	男性	72%	70%
Female	女性	28%	30%
<b>Minority</b>	<b>少數族裔</b>	0.47%	0.45%

In addition, our company understands the importance of gender equality that men and women should receive equal treatment. We strive to treat our people fairly by providing fair wage and working hours, as well as equal employment and development opportunities for men and women across the project lifecycle. Our approach to the remuneration of men and women is based on equal opportunity and non-discrimination. Depending on the job nature and position, we offer equal remuneration as much as possible for women and men in our operation. We also pay equal attention to the protection of rights and interests for female employees, and strictly comply with the PRC Laws on the Protection of Rights and Interests of Women.

Moreover, pregnant employees are entitled to parental leave in accordance to national regulation. As part of the employee benefit, male employees are also eligible to take parental leave to take care of their spouses. We also motivate staff who took parental leaves to return to work after the leave ended, without prejudicing their career path and remuneration. The retention rate of employees who returned to work after taking parental leaves is 100% during the reporting period.

此外，我們公司瞭解性別平等(男女應受到平等對待)的重要性。我們藉由公平的工資及工時，以及在整個項目周期中平等的男女僱傭及發展機會，致力平等對待我們的僱員。我們關於男女薪酬方面的方針乃基於平等機會及非歧視。根據工作性質及職位，於運營中我們盡可能給予男女同工同酬。我們亦重視保障女性僱員的權利及權益，並嚴格遵守國內有關保障女性權利及權益的法例。

再者，按照國家規定懷孕僱員可享有產假。作為僱員福利的一部份，男僱員亦合資格享有侍產假照顧配偶。我們還鼓勵僱員在產假/侍產假結束後重返工作崗位，不影響僱員的職業發展及薪酬。於報告期內，產假/侍產假後重返工作崗位的僱員達100%。



### Employee Key Statistics - Ratio of Remuneration of Women to Men by Employee Category

### 僱員主要數據－按僱員類別劃分的男女薪酬比例

		2014 二零一四年
<b>Employee Category</b>	<b>按僱員類別</b>	
Senior Management	高級管理人員	0.95
Middle-Level	中層	0.92
General and Technical Staff	一般及技術人員	0.97

### Employee Key Statistics - Parental Leave

### 僱員主要數據－產假 / 侍產假

Indexes	指標	2014 二零一四年
Number of male and female employees that took parental leave	產假 / 侍產假的男女僱員數目	Male 42; Female 42 男42名; 女42名
Total number of employees who returned to work after parental leave ended	產假 / 侍產假結束後重返工作崗位的僱員總數	84
Total number of employees who returned to work after parental leave ended who were still employed twelve months after their return to work	產假 / 侍產假結束後重返工作崗位且在重返工作崗位後仍服務十二個月的僱員總數	84

We do our best to align our operations with the principle and objective of major human right declarations and legislations, and strictly abolish and condemn immoral labor practices such as child labor and forced or compulsory labor. We have not identified any operation or supplier as having significant risks of child labor, young labors exposed to hazardous work, and compulsory labor during the reporting period.

我們竭力使我們的業務符合主要人權宣言及立法的原則及目標，嚴格廢除及譴責不道德的勞工守則，如童工及強迫或強制勞工。於報告期內，我們並未發現具有嚴重使用童工、年輕勞工從事危險工作及強制勞工風險的任何運營點或供應商。

## Our People 我們的僱員



### Working Happily

The physical and mental health of our people are deemed as a valuable asset for the harmonious development of CEIL, and we are committed to create a decent and relaxing work environment for our staff. For example, considering that most of our projects are located in remote areas, which may be lack of convenient transportation and leisure facilities, we have built comfortable accommodations and various sports and leisure facilities for our people. These include but not limited to badminton courts, gym rooms, chess and bridge rooms, and libraries. On the other hand, we understand that many of our people are required to work outside their home city to match our development needs. Hence, during summer and winter holidays, we arrange family visits for our staff, including “environmental protection day trip” which lets the kids understand what their parents are doing, and cultivate their environmental protection stewardship. In addition, to promote work life balance, our project companies have organized a wide range of leisure and sport activities to engage our people. Our popular activities in 2014 included various outward bounds such as hiking, barbecue, local tour, as well as sports and fun day, in-company health consultation services, friendly basketball match, photography course, Dragon Boat Festival evening party, regular birthday celebration with special themes and so on. Through these activities, our people can relieve their stress from work, build closer team relationship, and achieve more on what they want to pursue.

### 樂在光大國際

我們將僱員的身心健康視為光大國際和諧發展的寶貴資產，我們致力為僱員打造合宜輕鬆的工作氛圍。例如，由於我們的大部份項目均位於偏遠地區，可能缺乏便利的交通及休閒設施，我們為僱員建立舒適的住宿及各種體育及休閒設施。該等設施包括但不限於羽毛球場、健身房、棋牌室及圖書館。另一方面，我們瞭解很多僱員需在家鄉城市以外工作以謀求發展。因此，於寒暑假期間，我們為僱員安排家人探訪，包括「環保一日遊」，讓孩子們了解父母的工作，培養環境保護意識。此外，為取得工作和生活之間的平衡，我們的項目公司舉辦多項休閒及體育活動讓僱員參與。二零一四年受歡迎的員工活動包括各項外展活動，如遠足、燒烤、本地遊、運動同樂日、公司內部健康諮詢服務、籃球友誼比賽、攝影班、端午節晚會、包含特別主題的定期生日慶祝活動等。藉由該等活動，我們的僱員可舒緩工作壓力，建立更緊密的團隊關係，就其所追求的收穫更多。



To keep our people informed on the Company's latest development, we have two internal publications – the biweekly newsletter “Everbright Environmental Protection News” and the monthly “Everbright International Magazine”, which also serve as a platform for staff to express their views on the Company. To minimize the impact of operational changes on our people, and effectively engage our people to negotiate and implement these changes, we inform our employees on any operational changes that could substantially affect them within reasonable timeframe. Moreover, we have a formal grievance mechanism on labor practices, human rights, harassment, and discrimination in place for our people to file a complaint, discuss the issues and express their concerns to the management level. Employees are welcomed to directly communicate with the senior management via CEO's email box. During the reporting period, no critical concerns on governance were communicated to the CEO. Moreover, no complaints were filed through the formal grievance mechanism in regards to labor practices, human rights, harassment, and discrimination.

*Case Story: Let our childlike heart fly! Fun sports day in Dezhou Water*

In early autumn, our Dezhou Water Project Company held a fun sports day with the theme “let the childlike heart fly, let the youthfulness shine”. Different from traditional sports meet, the fun sports day combined competition with entertainment, emphasizing on wide participation and team spirit. Interesting activities included group rope skipping, tug-of-war, ping-pong and shuttlecock kicking. Claps, laughter and ovation filled the playground, and it seemed that the boundary of age no longer exists.

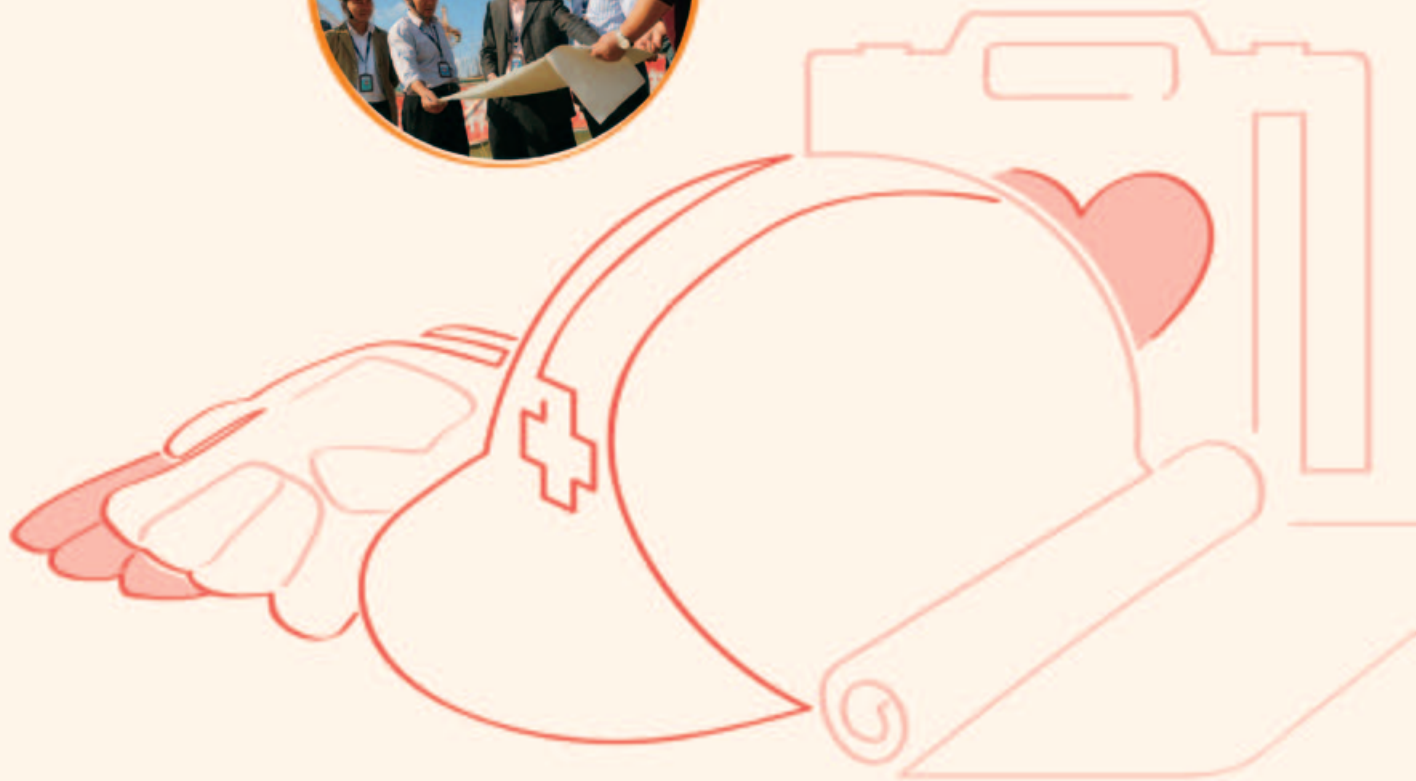
為了讓我們僱員了解公司的最新發展，我們出版兩本內部刊物－雙週業務通訊「光大環保報」及月刊「光大國際」，亦為僱員提供一個對公司表達意見的平台。為了盡量減低業務變動對僱員的影響，有效地使我們的員工執行該等變動，在合理時間內，我們告知僱員可能對他們造成重大影響的任何業務變動。此外，我們已就勞工守則、人權、騷擾及歧視方面設立正式申訴機制，僱員可提出申訴、討論問題及對管理水平表示關注。我們亦歡迎僱員通過行政總裁電子郵箱直接與高級管理人員通訊。於報告期內，行政總裁並無收到轉達有關管治的重要關注事項。此外，亦無就勞工守則、人權、騷擾及歧視方面通過正式申訴機制提出申訴。

*個案分享：讓我們童真般的心飛起來！德州水務同樂運動日*

初秋，我們的德州水務公司舉辦同樂運動日，主題是「讓童真般的心飛起來，讓青春閃耀」。與傳統的運動會不同，同樂運動日競賽結合娛樂，強調廣泛參與及團隊精神。有趣的活動包括團體跳繩、拔河、乒乓球及踢毽子。在充滿掌聲、笑聲及歡呼聲的運動場上，年齡的界限已不復存在。

# Safety and Quality are Our Top Priorities

## 安全重於泰山 質量生存之本



Safety is the prerequisite for us to effectively operate our power plants and waste water treatment facilities, which involve complicated production and operation process. Protecting the health and safety of our people are always our first priority. Most of our operating project companies have developed occupational health and safety management systems with internationally recognized OHSAS 18001 (GB/T28001-2011) certification. We have also developed a risk management system which identifies and manages all potential risk associated with our operations.

In each of our project companies, a senior management team comprising of a general manager, is designed to oversee all health and safety issues, so as to ensure strong commitment among our people. Our management is responsible to arrange quarterly meeting to convey important message on occupational safety, and also to ensure the safety production in each of the operating plant. Safety training on environmental pollution incidents, emergency drills and exercises following the Company's emergency plans and applicable national laws are organized regularly to strengthen our employees' capability to handle various contingency scenarios. Besides, we have also provided trainings in relevance to our operation safety to all of our security personnel, making sure that they are familiar with the lifecycle and operation in each of our plants.

We work closely with our supply chain to ensure all business partners, suppliers and contractors are aware of our safety principles. They are required to comply with our safety policy, which forms part of the contractual terms in the agreement. We also continuously review our health and safety policies to match with company's needs, and make provisions necessary for planning, organizing, monitoring and reviewing health and safety precautions to ensure high safety performance for all parties.

安全乃我們能有效經營電廠及污水處理設施的前提，其中涉及複雜的生產及經營過程。保護僱員的健康安全一直是我們的首要任務。我們大部份運營中的項目公司已制定職業健康和安全管理體系，並獲發國際認可的OHSAS 18001 (GB/T28001-2011)職業健康和安全管理證書。我們亦已制定風險管理體系，用以識別及管理業務運營的所有潛在風險。

各項目公司設有一支高級管理團隊(包括總經理)，負責監管整體健康與安全事宜，確保我們的僱員可充分投入工作。我們的管理層負責安排每季會議，傳達有關職業安全的重要信息及確保各運營廠房的安全生產。按照公司的應急預案及適用的國家法律，項目公司定期安排有關環境污染事故、緊急演習的安全培訓，以加強我們的僱員在不同緊急情況下的應變能力。此外，我們還向所有保安人員提供有關運營安全的培訓，確保他們熟悉各廠房的生產周期及運營。

我們與供應鏈合作方緊密合作，確保所有業務伙伴、供應商及承包商均知悉我們的安全準則。他們須遵守合約條款中的安全政策。我們亦不斷檢討健康與安全政策，以與公司的發展需求相一致，並制定有關規劃、組織、監控以及檢討健康與安全預防措施的所需條文，確保各方均達致高安全水平。

### Emergency Preparedness

We put our greatest concerns on emergency prevention. We ensure every employee in our company is capable of taking appropriate actions and tackling different contingency scenarios promptly. To enhance our employees' capacity on emergency preparedness, all of our project companies are required to conduct emergency drills and exercises periodically to improve coordination among different teams and departments in various situations. In 2014, numerous emergency drills and safety exercises have been arranged in each operating locations following the Company's emergency response plans and applicable national laws and regulations, including Fire Protection Law, Regulations on the Safety Administration of Dangerous Chemicals, Production Safety Law and Environmental Protection Law. Following the emergency drills and exercises, our company will review and assess the performance on the capability and effectiveness of emergency response through our established evaluation mechanism. Our emergency response plan will be modified and adjusted accordingly to raise our ability to handle emergency situations.

### Maintaining Health and Safety at Work

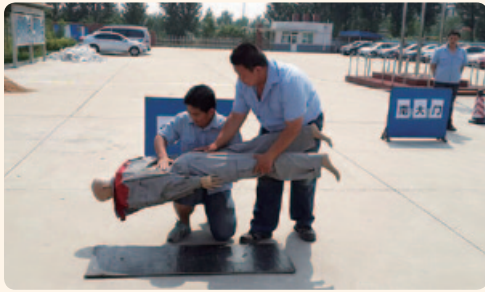
We are devoted to bringing our people a safe and healthy workplace by minimizing their exposure to potential health and safety risks in the workplace. Providing sufficient safety and protective equipment to our people is what we need to do at all time. All of our safety equipment and measures are prepared in accordance to applicable laws and regulations to ensure their safety performances. We have established a reporting mechanism on all health and safety incidents in our Environmental and Social Management System. When a safety incident occurs, employees are required to report to their supervisors or managers for the appropriate actions following our company's policy on incident reporting and investigation. The details of all incidents, responses, and remedial measures will be documented and reported in our annual environmental and social performance report.

### 應急準備

我們十分重視緊急預防。我們保證公司的每名僱員均能採取適當的行動，並及時應對不同緊急情況。為了提高我們僱員的應急能力，我們的所有項目公司均必須定期進行緊急演習，以改善不同團隊及部門之間在不同情況下的協調情況。我們按照公司的應急預案及遵從《消防法》、《危險化學品安全管理條例》、《安全生產法》及《環境保護法》等適用的國家法律及法規，於二零一四年，在各運營項目公司安排了多次緊急演習。繼緊急演習之後，本公司將通過我們已制定的評估機制審閱及評估應急預案的表現及是否有效。我們將對應急預案作出修正及相應調整，以提高我們處理緊急情況的能力。

### 確保工作健康與安全

我們致力減低僱員在工作場所承擔有關潛在的健康安全的風險，從而為他們提供安全健康的工作場所。我們隨時需要做的是為僱員提供充足的安全及保護裝備。我們按照適用法律及法規準備所有安全的裝備和措施，確保他們的安全表現。我們已在我們的環境及社會管理制度中就所有的健康與安全事故建立報告機制。僱員需要於發生安全事故時匯報相關主管或經理，以便按照公司政策就意外呈報及意外調查採取適當行動。所有意外、應對及補救措施的詳情將於我們的年度環境及社會表現報告記錄及報告。



We report our annual health and safety performance by recording the number of injury, work-related fatality and absentee days. In 2014, we have zero disabling injury record and a total number of 4,651 absentee days in our operation. It is unfortunate that there is one fatality case during our reporting period from 1 January 2014 to 31 December 2014. We immediately appointed an investigation team to identify the cause of the accident, and found that the main direct cause was the worker's lack of safety awareness as in not wearing adequate personal protective equipment (PPE) before performing his work. CEIL always places our people's health and safety as the highest priority. It is our company's policy to provide PPEs to employees in the workplace and advise employees to follow our health and safety guidelines with reference to applicable national laws and regulations. A list of heightened precautionary and preventive measures have been immediately conducted following the incident, including establishing a Safety Supervision Unit, increasing site safety inspections, performing safety checks on all operating systems, increasing employees' safety awareness by providing extra safety trainings, and providing clearer signage on all hazardous chemicals storage, so as to avoid similar incidents arising in the future. In addition, we understood the painfulness for the family of the deceased, and have given them a pension to assist their financial needs.

On top of our people, we also report our contractors' health and safety performance by recording the number of injury, work-related fatality, and occupational diseases. There are no reported cases on injury, work-related fatality, and occupational diseases from our contractors' employees working within our operation boundary during the reporting period.

我們通過記錄工傷數字、工作相關死亡數字及缺值日數報告每年的健康與安全表現。於二零一四年，於運營中我們因工傷殘的記錄為零及合共4,651缺值日。不幸的是，於二零一四年一月一日至二零一四年十二月三十一日的報告期間發生一宗死亡案件。我們立即委任了調查小組確認意外原因，發現主要直接原因為該工人缺乏安全意識，在工作前沒有佩戴充分的個人保護設備。光大國際一向極其重視僱員們的健康與安全。本公司的政策規定須向工作場所的僱員提供個人保護設備，並建議僱員參照適用的國內法例及法規遵循我們的健康與安全指引。意外之後我們立即進行相應的加強防範及預防措施，包括成立安全監督單位，提高現場安全檢查，對所有運營制度執行安全檢查，通過提供額外的安全培訓提高僱員的安全意識，以及對所有危險化學品存儲提供更清晰的標誌，以避免日後發生類似意外。此外，我們理解死者家屬的傷痛，並已就家屬的資金需求給予一筆撫恤金。

除我們的僱員外，我們還藉由記錄傷害、工作相關死亡及職業病死亡數字報告我們承包商的健康與安全表現。我們於報告期內及我們的運營範疇內，我們承包商的僱員並無任何有關傷害、工作相關死亡及職業病死亡的報告案件。

A summary of our occupational safety performance in 2014 is presented below.

二零一四年的職業安全表現概述呈列如下。

### Health and Safety Key Statistics - Occupational Safety Record

### 健康與安全主要數據－職業安全記錄

Safety Indexes	安全指標	2014 二零一四年
Number of Disabling Injury	因工傷殘數字	0
Number of Work-related Fatality	工作相關死亡數字	1
Number of Missed (Absentee) Days	沒有上班(缺值)日數	4,651
Disabling Injury Severity Rate (DISR)	因工傷殘嚴重率(DISR)	0
Number of OHSAS 18001 Certificates	OHSAS 18001 認證數目	18

#### Case story : Safety control for designated dangerous areas

With an aim to further strengthen site safety, for the first time, our Suzhou Project Company decided to apply the strict safety management practice of petrochemical industry to waste-to-energy facility, and established a safety control system for designated dangerous areas in the plant. The initiative was achieved through the following means:

#### 個案分享：指定危險區域的安全監控

為進一步加強現場安全，我們蘇州項目公司首次決定針對垃圾發電廠使用石化行業嚴格的安全管理規範，在廠房內指定危險區域建立安全監控制度。該舉措乃通過以下途徑實現：

- ◆ Conducted site visits to petrochemical companies in Zhangjiagang to learn from their practical experiences;
- ◆ Established independent control for designated dangerous areas by setting entrance guard systems for both personnel and vehicles, and strictly implemented the authorization and registration process;
- ◆ Installed 32 flammable/poisonous gas detectors in pre-treatment room of the leachate stations, methane-to-energy facilities and leachate service walkways, and procured 8 portable detectors to establish a comprehensive, multi-level technical protection system;
- ◆ 實地探訪張家港的石化企業，學習他們的實踐經驗；
- ◆ 通過設置人員及車輛門禁系統，指定危險區域建立獨立的監控，嚴格執行授權及註冊程序；
- ◆ 在滲濾液站預處理室、沼氣發電廠及滲濾液服務人行道安裝32個可燃/有毒氣體探測器，採購8個便攜式探測器，建立全面、多層次的技術保障制度；



- ◆ Put up safety signs and warnings near the entrances of designated dangerous areas and leachate passages respectively;
- ◆ Conducted safety training on major flammable/poisonous gases in waste-to-energy industry such as hydrogen sulfide, carbon monoxide, methane, ammonia for different departments.
- ◆ 在指定危險區域的入口附近及滲濾液通道分別設置安全標誌及警示；
- ◆ 對不同部門進行有關垃圾發電行業的主要可燃 / 有毒氣體(如硫化氫、一氧化碳、甲烷、氨)的安全培訓。

### Educating Health and Safety to Our people

We are keen to promote and increase our people's awareness of health and safety in our workplace. The most effective way to spread the words of occupational health and safety is to provide regular training and conference talks to our employees. The trainings focus on safety techniques which are easily applied by our people during daily operation. All of our new staff are needed to receive safety education in three organizational levels (including corporate level, department level and class level) before commencement of work, followed by safety trainings and examinations throughout the first year. Moreover, all of our suppliers have also undertaken safety trainings and courses before commissioning of work.

Health and safety awareness trainings, manual handling trainings, seminars and talks organized in 2014 included but not limited to the following topics:

1. Safety use of equipment
2. Procurement and storage of dangerous goods
3. Fire prevention
4. Hazardous waste management
5. Prevention and control of occupational diseases (e.g. hearing loss)
6. Health care
7. First-aid

#### Case story: Safety production risk management system training

In order to further improve the safety management standards of our environmental energy and biomass power generation projects, two sessions of power plant safety production risk management system training were conducted in our Suzhou and Ningbo Project Companies respectively. The guest speaker, a senior risk management specialist, discussed in depth the purpose, framework, laws and regulations of the safety production risk management system, as well as the common power plant safety issues/risks and their mitigation measures.

### 向我們的僱員教育健康與安全

我們積極推進及提高工作場所僱員的健康與安全意識。灌輸職業健康與安全的最有效方法是向僱員提供定期的培訓及會議會談。培訓專注於在日常操作中易於為我們僱員所應用的安全技術。我們所有的新員工在開始工作前，均需接受三級安全教育(包括公司一級、部門一級、員工所在班一級)，其次是安全培訓及第一年的考試。此外，我們所有的供應商在調試工作前亦須進行安全培訓課程。

於二零一四年舉辦的健康安全意識培訓班、人手操作培訓班、研討會及講座，包括但不限於下列主題：

1. 設備裝置的安全使用
2. 採購及儲存危險物品
3. 防火
4. 危廢管理
5. 預防及監控職業病 (例如聽覺受損)
6. 健康護理
7. 急救

#### 個案分享：安全生產風險管理制度培訓

為了進一步提高我們的環保能源及生物質發電項目的安全管理標準，我們分別在蘇州及寧波項目公司對發電廠安全生產風險管理制度進行兩期培訓。主講嘉賓為資深風險管理專家，深入探討安全生產風險管理制度的用途、框架、法律及法規，以及常見的發電廠安全問題 / 風險及其減輕措施。

## Creating Beautiful Environment and Giving Back to the Public 創造美好環境 回饋社會大眾



## Growing with the Local Communities

Our sustainable development roots from environmental soundness and social safety. We consistently put environmental and social benefits in the first place when we develop and operate our plants and facilities. To manage the impacts on local people and eliminate their concerns and misunderstandings especially on waste-to-energy facilities, we conducted environmental and social impact assessments for all new projects prior to the constructions and operations, and disclosed the findings in accordance with national law and regulations. We continuously monitor major environmental impacts of our plants, and provide real time disclosure of air emissions of waste-to-energy operations. We also established transparent local community grievance mechanism to address social impacts associated with our operations. In 2014, no complaints and grievances on social impacts were filed. Besides, on top of ensuring the production and emission indicators fulfill national and European Union's emission performance standards, we also bend ourselves to eliminating visual impacts by controlling smoke emission. We are proud to report that there is no operation with significant actual and potential negative impacts on local communities as well as no incidents identified on violations involving rights of indigenous peoples during the reporting period.

### *Case study: Maintaining a zero complaint record for a waste-to-energy plant in Changzhou*

The 6-year zero complaint record of our waste-to-energy project built near a 100,000-people community in Changzhou caught the attention of a journalist from People's Daily. He conducted an investigation on the attitudes of local community towards the plant and its technical and management measures, in order to find out the secret of how the plant can operate harmoniously with local residents.

## 與當地社區共同成長

我們的可持續發展源於環境健全及社會安全。我們在發展及運營廠房及設施的同時，一直將環境及社會效益放在首位。為管理我們的項目對當地人的影響及消除他們的疑慮及誤解(尤其是對垃圾發電廠)，在工程及運營前，我們為所有新項目進行環境及社會影響評估，及根據國家法律及法規披露結果。我們持續監控工廠的主要環境影響，並實時披露垃圾發電運營的氣體排放。我們亦就與我們運營相關的社會影響設立透明的社區申訴機制。於二零一四年，並無收到就社會影響而提出的任何投訴或申訴。除此之外，我們確保生產及排放指標符合國家及歐盟的排放標準，亦竭力通過監控黑煙排放消除對視覺造成的影響。我們引以為傲的是，於報告期內，並無任何運營對當地社區造成重大實際及可能負面的影響，亦無發現任何涉及侵犯少數族裔權利的事件。

### *個案分享：常州的垃圾發電廠保持零投訴記錄*

我們位於常州居民為10萬人的社區附近的垃圾發電廠六年來的零投訴記錄，引起人民日報記者的關注。為發掘發電廠如何與當地居民和諧相處的秘密，記者就當地社區對發電廠及其技術及管理措施的態度進行調查。

It was found that the project earned the trust of local community by its transparent and strict management. Technically, odour leakage from the waste tipping hall and bunker is prevented by robust concrete structures, effective ventilation systems, and specialized ceiling linings. Meanwhile, toxic substances are carefully treated and are monitored by a real-time reporting system. On the other hand, before the commencement of project, our project company invited the neighborhoods to visit similar project in Shanghai. Also, the project company established liaison system with the community, and invited local representatives to express their views and get to know relevant indexes in a quarterly basis. As there will be more and more developments in the area, our Changzhou Project Company will keep the good record and strive for better safety and environmental management.

### Giving Back to the Society

#### Everbright International Environmental Protection Charitable Foundation

In August 2013, we successfully set up Everbright International Environmental Protection Charitable Foundation Company Limited, which manages all charitable projects funded by the Everbright International Environmental Protection Charitable Foundation, a recognized charity by Hong Kong government. Since its establishment, the foundation has been focusing on environmental protection and sustainable urban development. It has also committed itself to promote and support the education and scientific research of activities in environmental friendliness, energy saving, ecological protection, as well as community care.

At 8:30 pm on 29 March 2014, the countdown activity of Earth Hour 2014 was successfully held at the Central and Western District Promenade in Hong Kong. Everbright International Environmental Protection Charitable Foundation was the lead sponsor for the event in Hong Kong, which is the first environmental protection charitable campaign that the Foundation has sponsored since its establishment. Organized by the World Wide Fund for Nature (WWF), Earth Hour is the world's largest campaign for the planet. It is not only about putting out the light for an hour, but a common commitment to environmental protection made by the residents, organizations, businesses and governments worldwide. The theme of Earth Hour 2014 Hong Kong is 'Don't give up, Give something up', which called on people to stop overconsumption and conserve resources, so as to protect our Earth by adopting a more sustainable lifestyle. The educating value of Earth Hour fits perfectly with the vision of Everbright International Environmental Protection Charitable Foundation, and we hope to work together with WWF – Hong Kong to put our long term pursuit of environmental protection into practice.

結果發現，項目的透明度及嚴格管理贏得當地社區的信賴。從技術層面上，通過厚實的混凝土結構、有效的通風系統和專業的密封條，以避免惡臭氣體由垃圾卸料大廳和垃圾池洩漏。同時，審慎處理有毒物質並通過實時報告制度監測。另一方面，項目開始前，我們的項目公司邀請周邊居民參觀上海相若項目。同時，項目公司與社區建立聯繫制度，邀請當地代表表達意見，瞭解每季相關指標。隨著該區的不斷發展，我們的常州項目公司將保持良好的記錄並致力於更佳的安全及環境管理。

### 回饋社會

#### 光大國際環保公益基金

我們於二零一三年八月成立光大國際環保公益基金會有限公司，專責管理香港政府認可的慈善基金—「光大國際環保公益基金」資助的所有慈善公益活動。自成立以來，基金會專注於環保及城市可持續發展方面，亦致力於促進及支持教育及環境友好、節能、生態保護活動的科學研究及社區關懷等方面。

二零一四年三月二十九日晚上八時三十分，香港「地球一小時2014」的倒數活動在香港中西區海濱長廊順利舉行。光大國際環保公益基金為該活動香港站的首席贊助商，而該活動正是基金成立以來贊助的第一項環保公益活動。「地球一小時」由世界自然基金會舉辦，是全球最大型的環保活動，活動顯然不只是熄燈一小時的事情，而是全球住戶、團體、商界及政府對環保的共同承諾。香港「地球一小時2014」的主題是「留住地球•[捨]出未來」，呼籲公眾停止過度消耗，並要保護資源，以更為可持續的生活方式保護地球。「地球一小時」的教育意義完全切合光大國際環保公益基金的理念，我們希望與世界自然基金會香港分會合作，實現我們對環保的長遠追求。

### Case story: - Ninghai Project Company environmental protection campaigns

On top of supporting the official activity of 2014 Earth Hour, our Ninghai Project Company took this opportunity to organize a series of environmental protection campaigns, which concerned the promotion of waste recycling and reduction, green commuting, ecological protection and low carbon lifestyle. The management and all other employees actively participated in environmental friendly activities such as refuse classification and river cleaning. We hope we can be the role model to raise public awareness on environmental protection.

### Everbright Environmental Protection Charitable Foundation

The Everbright Environmental Protection Charitable Foundation was founded by our Suzhou Project Company, together with Suzhou Environmental and Municipal Administration Bureau and Suzhou Charity Federation in June 2013. A donation of RMB1.5 million is made annually to the foundation for helping Suzhou's sanitation workers and families who are facing difficulties and in need of financial and emotional support. In 2014, the second and third batches of financial aids were given out to eligible sanitation workers in January and July respectively. As of July 2014, there were 262 people being benefited from the foundation, accounting for over RMB1 million of consolation and relief fund.

The establishment and long-term operation of the Everbright Environmental Protection Charitable Foundation is an innovation in donation source. More importantly, it lets the sanitation workers feel the care and warmth from the society, maintains a long-term aid for these low-income groups, and reduces their stress from the cost of living.

### Promoting Science, Technology and Environmental Protection

In 2014, our project companies kept the enthusiasm in participating in various events promoting science and technology, such as National Science Popularization Day, World Water Day and World Environment Day to promote advanced technology in environmental protection technology, and raise the public awareness on environmental protection. In August 2014, the award presentation ceremony for "2014 Everbright National Environmental Protection Science Popularization Creativity Context" was held during the annual meeting of the Chinese Society for Environmental Sciences. The competition attracted 7,057 pieces of works from individuals, studios and groups who are passionate about environmental issues and scientific inventions, covering animations, cartoons, mini films and photography, some of which are of international standards.

### 個案分享：—寧海項目公司環保活動

除了支持官方活動的「地球一小時2014」之外，我們的寧海項目公司藉此機會組織一系列環保活動，活動有關促進回收及減少垃圾、綠色出行、生態保護及低碳生活方式。管理層與所有其他員工積極參與環境友好活動，例如垃圾分類及清理河道。我們希望我們可以成為典範，提高公眾的環保意識。

### 光大環保愛心基金

光大環保愛心基金由我們的蘇州項目公司連同蘇州市容市政管理局及蘇州市慈善總會於二零一三年六月創立。我們每年向基金會捐贈人民幣150萬元，有關款項用於幫助面對困境和需要財政及情緒支援的蘇州市環衛工人及其家庭。二零一四年，第二及第三批的財務援助分別於一月及七月提供合資格的環衛工人。截至二零一四年七月，262人受惠於基金會，慰問及救助金超過人民幣100萬元。

光大環保愛心基金的建立及長期運營對捐贈來源而言為一項創新。更重要的是，可讓環衛工人感受社會的關懷與溫暖，為低收入人士提供長期的援助，減少他們在生活費用上的壓力。

### 宣揚科技及環保

於二零一四年，我們的項目公司積極參加各項推廣科技活動，例如「全國科普日」、「世界水日」及「世界環保日」以推廣先進環保技術及提升公眾環保意識。二零一四年八月，中國環境科學學會於年會期間舉辦「二零一四年光大國家環保科普創意大賽」的頒獎典禮。大賽吸引7,057件熱愛環境問題及科學發明的個人、工作室及團體作品，涵蓋動畫、漫畫、微電影及攝影，其中一些作品更達國際標準。

## Community Contribution 社區貢獻

We utilize our existing resources to promote environmental protection by opening our project companies regularly for students, investors, government officials, counterparts and the general public. We also believe this kind of activities can enhance transparency and improve the interaction with our stakeholders. The visits to our project sites allow the visitors to have a hands-on experience in visualizing sustainability concept in real life examples of green energy generation, emissions reduction and waste water treatment, and cultivate the interest of young generations in pursuing green career. In 2014, there were 51,737 visitors who have been to our environmental protection projects.

### Investing in Education and Community Care

In 2010, we donated RMB6 million to build the Everbright International True Love School in Dangshan county. The school officially started to operate in September 2011, and the gardenlike 1,130 m<sup>3</sup> campus can bring education opportunity to 1,500 students. As a continuous initiative to extend our effort in education and youth development, we have been selecting qualified staff to volunteer in the Everbright International True Love Schools as teachers, as well as raising funds to finance the academic and life expense of the students. For instance, in 2014, our Dangshan Company donated more than RMB48,000 to the Everbright International True Love School for new classroom equipment, sports goods, scholarships and summer camp.

我們利用現有資源推廣環保，定期開放項目公司供學生、投資者、政府官員、業界人士及公眾人士參觀考察。我們亦相信這些活動可提升透明度及增加與持份者互相交流的機會。參觀者在項目現場感受即場視覺體驗，見證可持續發展理念在綠色能源發電、減排及污水處理等日常生活中一一實踐，培養年輕一代追求綠色事業的興趣。二零一四年，我們環保項目的參觀人數達51,737名。

### 投資教育及社區關懷

於二零一零年，我們捐贈人民幣600萬元於碭山縣建立「光大國際愛心學校」。該校於二零一一年九月正式開始營運，1,130立方米的花園式校園能為1,500名學生提供教育機會。為繼續支持教育及青年發展，我們一直在選擇合資格的員工在光大國際愛心學校作為義工支教老師，以及籌集資金資助學生的學業及生活開支。例如，於二零一四年，我們的碭山公司向光大國際愛心學校捐贈超過人民幣48,000元，款項用於新教室設備、體育用品、獎學金及夏令營。



*Case story: Letting our loves go on in the True Love Summer Camp*  
 In July 2014, our Dangshan Project Company organized an “Everbright International True Love School 2014 Environmental Protection Summer Camp” and brought the students to Suzhou for an “environmental protection journey”. The teachers and students visited various facilities in our Suzhou Project Company, learnt the basic process of waste-to-energy technology. This camp provided these kids a chance to experience big city and widen their horizon. Many of the students said that they will produce less wastes after witnessing a large amount of domestic waste in the plant.

#### 個案分享：讓我們的愛走進愛心夏令營

於二零一四年七月，我們礪山項目公司舉辦「光大國際愛心學校二零一四年環保夏令營」，為學生帶來蘇州的「環保之旅」。師生們參觀我們蘇州項目公司的各種設施，了解垃圾發電技術的基本過程。夏令營為孩子們提供體驗大城市及開闊視野的機會。很多學生表示，目睹工廠裡大量的生活垃圾後，以後會減少製造垃圾。



Besides volunteering in the Everbright International True Love School, our people from project companies actively participated in various community supporting events across the PRC in 2014. Some of the activities included:

除了光大國際愛心學校的義工外，二零一四年我們項目公司的僱員在中國各地踴躍參與多項社區支援活動。其中幾項活動包括：

- ♥ Blood donation in Jiangyin;
- ♥ Provision of cool drinks to sanitation drivers during hot summer time in Suzhou;
- ♥ Company visit for women and children activity center in Jinan;
- ♥ Money donation with value equivalent to daily wage in Ling County;
- ♥ Community greening activity in Suqian;
- ♥ Home visit for elderly with cancer in Nanjing; and
- ♥ Beach cleaning activity in Qingdao.

- ♥ 在江陰捐血；
- ♥ 在炎熱的夏天，向蘇州的環衛司機提供清涼飲料；
- ♥ 公司參觀濟南的婦女兒童活動中心；
- ♥ 陵縣的「捐一日工資」活動；
- ♥ 宿遷的社區綠化活動；
- ♥ 家訪南京的老年癌症患者；及
- ♥ 青島的海灘清掃活動。

## 2014 Key Awards and Recognition 二零一四年的獎項及殊榮

**Best Investor Relations Company in the 4th Asian Excellence Recognition Awards 2014 by Corporate Governance Asia**  
 《亞洲企業管治》雜誌 — 二零一四年第4屆亞洲卓越大獎最佳投資者關係公司



**Asia's Best CEO in the 4th Asian Excellence Recognition Awards 2014 by Corporate Governance Asia**  
 《亞洲企業管治》雜誌 — 二零一四年第4屆亞洲卓越大獎「亞洲最佳首席執行官」

**Constituent Stock of Hang Seng Corporate Sustainability Index for the first time**  
 首度成為恒生可持續發展企業指數成份股

**Top 10 Green Innovation Companies by International Financing Magazine**  
 《國際融資》雜誌 — 十大綠色創新企業

**Hong Kong Economic Digest – Hong Kong Outstanding Enterprise**  
 香港經濟一周雜誌 — 香港傑出企業獎

**Constituent Stock of Hang Seng Mainland 100 Index**  
 恒生中國內地100指數成份股

**First Place in the Top Ten Influential Solid Waste Treatment Enterprises in China**  
 中國固廢行業十大影響力企業榜首

**Self-developed Grate Furnace Product Series Received European Union's CE Mark**  
 自主研發生產的垃圾焚燒爐排爐系列產品獲歐盟CE認證證書



**Asian Corporate Director of the Year Award in the Annual Recognition Awards 2014 Best of Asia by Corporate Governance Asia**  
 《亞洲企業管治》雜誌 — 二零一四年亞洲最佳企業管治評選「亞洲區最佳董事」



**Most Promising Companies on Corporate Governance of the Year Award in the Annual Recognition Awards 2014 Best of Asia by Corporate Governance Asia**  
 《亞洲企業管治》雜誌 — 二零一四年亞洲最佳企業管治評選「企業管治最具潛力公司獎」

**Constituent Member of the Hang Seng Corporate Sustainability Benchmark Index for the Fourth Consecutive Year**  
 連續第四年入選恒生可持續發展企業基準指數成份股



### Our New Journeys and Visions

The year of 2014 was a remarkable year for CEIL's extraordinary achievements in the environmental protection industry. We have secured 27 new projects, reaching the highest total number of projects and investment in our record. With our successful development in the environmental protection business over the last decade, we have further strengthened our leading role as one-stop integrated environmental solution provider in the PRC and abroad. Looking forward, we will constantly adhere to our core principle that an Enterprise is not only a Creator of Wealth, but also the Safeguard of Environmental and Social Responsibility. We are confident that this could lead us to expand our markets space, generate progressive business growth, and bring benefits to our environment and community.

China's economy has entered into a 'New Normal' and its environmental protection industry continues to grow. We will continue to explore business and investment opportunities actively in all areas of the environmental protection and alternative energy business. We will make the best of our enterprise's management resources and monitor closely of the market trend and direction to capture the best opportunities. While we are expanding our market presences in our core business segments, we will actively expand other business segments including biomass integrated utilization projects, environmental protection industrial parks and environmental protection equipment manufacturing. Our company will review and update our operation and management policies, procedures and systems to ensure the steady development of our businesses. We also strive to make continuous improvement in order to maintain our leading role in the environmental protection industry.

### 新征程及新願景

二零一四年是光大國際在環保行業取得驕人佳績的標誌性一年。我們獲得27個新項目，項目總數及總投資額達歷史最高。深耕環保業務十年，我們已進一步鞏固我們作為國內外「一站式、全方位」環境綜合治理服務商的領先地位。展望未來，我們將繼續秉持「企業不僅是物質財富的創造者，更應成為環境與責任的承擔者」這一核心價值。我們相信，其將指引我們拓展市場空間，使業務不斷增長，讓環境及社會獲益。

中國經濟發展已進入「新常態」，其環保行業持續增長。我們將繼續積極探索環保及新能源行業各個領域的業務及投資機會。我們將利用企業管理資源，密切監視市場趨勢及動向，緊抓最佳商機。我們在擴大核心業務板塊的市場份額的同時，將積極拓展其他業務板塊，包括生物質綜合處理項目、環保產業園及環保設備製造。本公司將檢討並更新我們的運營及管理政策、程序及制度，確保業務穩健發展。我們亦致力持續改善公司治理，以維持我們在環保行業的領先地位。

Innovation is a crucial element for R&D. Our company will continuously place our efforts on self-developed grate furnaces, gas treatment systems and leachate treatment systems, while we are also working extensively towards our self-development systems to receive international certification on safety and export requirements for our company to accelerate its expansion to the international markets. Besides, we will also seek R&D cooperation with suppliers and other business partners to further strengthen our capacity in developing innovative technology solutions.

A harmonious relationship with stakeholders is considered as a key element for the Company's long term success. Our established grievance mechanism and communication system, which are open and transparent, allow our stakeholders to express any views and complaints. We provide immediate responses and actions to all views and valid complaints. In addition, we also build our trust and respect with stakeholders through genuine stakeholder engagement exercise on a regular basis. We have also developed the stakeholder participation plan for all our project companies and will continue to expand on the scale to get more stakeholders involved during the stakeholder engagement process.

We are committed to providing a healthy and safe environment to all our people, suppliers, and communities in our operation. We strive to achieve zero accident safety target by regularly reviewing our occupational health and safety policy as well as emergency response plan, enhancing our safe work practices manual, performing safety check on operating system, and educating our people through safety trainings and workshops.

As a leader in the industry, we are keen to actively carry out social responsibilities and give back to the society. We are committed to promoting and supporting education and scientific research in regards to environmental protection and energy conservation as well as providing community care. With our established charitable foundations, we play an active and important role in collaborating with relevant organizations on community service programme. We will continue to leverage our existing resources and technology to convey the message on environmental protection to the community and support philanthropy.

創新是研發的決定性因素。本公司將繼續大力推進焚燒爐排爐、煙氣處理系統及滲濾液處理系統的自主研發，同時，竭力使我們自主研發的系統通過國際安全認證並滿足出口要求，以便本公司加速擴展國際市場。此外，我們亦將尋求與供應商及其他業務伙伴進行研發合作，以進一步提高我們研發創新技術解決方案的能力。

與持份者建立和諧關係是公司長期取得成功的關鍵因素。我們已建立公開透明表達的投訴機制及溝通制度，以便接受持份者的任何意見及不滿。我們會對所有意見及合理投訴及時作出回應並採取行動。此外，我們亦定期舉辦持份者參與活動，通過坦誠溝通，與持份者建立互信互尊。我們已為所有項目公司制定持份者參與計劃，並將繼續擴大規模，以令更多持份者加入到相關參與過程。

我們致力為所有僱員、供應商及經營的社區提供健康安全的環境。我們定期檢討職業健康與安全政策和應急反應方案，改善安全工作操作手冊，對運行系統進行安全檢查，透過舉辦安全培訓及研討會教導員工，竭力實現零意外的安全目標。

作為行業領軍者，我們滿懷熱情，積極履行社會責任，回饋社會。我們並應社區關懷，致力推廣及支持節能環保相關教育及科研事務。憑藉已經建立的慈善基金會，我們在與有關組織就社區服務計劃進行合作中扮演積極而重要的角色。我們將繼續利用現有資源及技術，在社區傳達環保訊息，支持慈善活動。

## Our Key Targets on Sustainability in 2015

## 二零一五年有關可持續發展的主要目標

Aspect 有關方面	Key Targets in 2015 二零一五年主要目標
Environment and Operation  環境及運營	<ul style="list-style-type: none"> <li>➤ Achieve further carbon emissions reductions in 2015</li> <li>➤ Further increase the water recycling rate as compared with 2014</li> <li>➤ Collect and disclose PM2.5 data</li> <li>➤ Continuously improve effluent discharge standards</li> <li>➤ Review, assess and update our Environmental and Social Management System</li> <li>➤ 於二零一五年達致進一步的減排目標</li> <li>➤ 水循環使用率較二零一四年進一步提升</li> <li>➤ 收集及披露PM2.5數據</li> <li>➤ 持續改善排出物排放標準</li> <li>➤ 檢討、評估及提升環境及社會管理體系</li> </ul>
Employees  僱員	<ul style="list-style-type: none"> <li>➤ Arrange more personal growth trainings</li> <li>➤ Increase the diversity of employees</li> <li>➤ Review and upgrade employee benefits</li> <li>➤ 安排更多個人成長培訓</li> <li>➤ 擴大僱員多元化</li> <li>➤ 檢討及提升僱員福利</li> </ul>
Health and Safety  健康與安全	<ul style="list-style-type: none"> <li>➤ Achieve zero accident safety target</li> <li>➤ Continue to perform frequent safety checks on operating systems and equipment</li> <li>➤ Arrange more occupational health and safety trainings and talks</li> <li>➤ 實現零意外安全目標</li> <li>➤ 繼續對運行系統及設備進行常態化安全檢查</li> <li>➤ 安排更多健康與安全培訓和講座</li> </ul>
Stakeholder Engagement  持份者的參與	<ul style="list-style-type: none"> <li>➤ Increase the number of consultations if necessary</li> <li>➤ Increase the scale of our stakeholder participation plan</li> <li>➤ 必要時增加公眾諮詢數目</li> <li>➤ 增加持份者參與計劃的規模</li> </ul>
Community  社區	<ul style="list-style-type: none"> <li>➤ Continue to maintain zero complaint and grievance on social impacts</li> <li>➤ Increase the number of visitors from the community on our environmental protection projects</li> <li>➤ Strengthen community services event and programme in China and Hong Kong</li> <li>➤ 繼續保持社會影響零投訴及舉報</li> <li>➤ 就環保項目增加社區訪客數目</li> <li>➤ 加強中國內地及香港的社區服務計劃</li> </ul>



**VERIFICATION STATEMENT**

**Scope and Objective**

Hong Kong Quality Assurance Agency (HKQAA) has been commissioned by China Everbright International Limited (CEIL) to conduct an independent verification of its Sustainability Report 2014 (herein referred to as "the Report"). The Report stated CEIL's sustainability performance and efforts towards sustainable development for the period from 1st January 2014 to 31st December 2014.

The aim of this verification was to provide assurance on the completeness and accuracy of the information stated in the Report. The Report covers the standard disclosures defined in the Global Reporting Initiative (GRI) Sustainability Reporting Guidelines Version 4 (G4) with "Comprehensive" option and the Key Performance Indicators that defined in the Environmental, Social and Governance (ESG) Reporting Guide of the Hong Kong Exchanges and Clearing Limited ("HKEX").

**Methodology**

The process used in this verification was based on current best practices. The Report was reviewed against the following criteria:

- The principles of completeness, accuracy, neutrality, comparability and responsiveness;
- The Global Reporting Initiative (GRI) G4 Guidelines and Electric Utilities Sector Disclosures; and
- ESG Reporting Guide published by HKEX

The verification procedure included reviewing relevant documentation, interviewing responsible personnel with accountability for preparing the Report and verifying the selected representative sample of data and information consolidated in the Report. Raw data and supporting evidence of the selected samples were thoroughly examined.

**Conclusion**

Based on the outcome of the verification process, it is opined that the Report is "in accordance" with the GRI G4 Guidelines – Comprehensive option and covers the Key Performance Indicators of the ESG Reporting Guide.

No observable evidence indicated that the reporting contents are not supported by traceable data or information of CEIL's sustainability performance in the context of sustainable development. Subject to our scope noted above and on the basis of our procedures for this acceptable assurance engagement, we conclude that CEIL has presented fairly its initiatives, targets, progress and performance on its sustainable development achievements.

Remarks: We have followed up on the supplementary information on environmental compliance cases in 2013, and confirmed that the effectiveness of the actions that had been taken by CEIL.

Signed on behalf of Hong Kong Quality Assurance Agency

Bryan Peng  
Assistant Director, Manufacturing & Service Business Division  
May 2015

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于維安先生



## 核實聲明

### 範圍及目的

香港品質保證局已對中國光大國際有限公司(以下簡稱「光大國際」)2014年企業社會責任報告(以下簡稱「報告」)的全部內容進行獨立驗證。該報告陳述光大國際在2014年1月1日至2014年12月31日於可持續發展方面的表現及成就。

此核實聲明的目的是對外保證報告所記載的內容為可信。並根據全球報告倡議組織(GRI)的可持續發展報告指南4版本全面方案及香港聯合交易所有限公司出版的《環境、社會及管治報告指引》(ESG報告指引)編製。

### 方法

核實工作是依據目前的最佳核實方法執行,以下為評價此報告的準則:

- 遵守完整性、準確性、中立性、可比性及回應性的原則;
- 全球報告倡議組織(GRI)的可持續發展報告指南4版本及電力行業披露以及;
- 香港聯合交易所有限公司發佈的《環境、社會及管治報告指引》

核實的程序包括審閱相關之文件、與負責編製報告的代表面談及選取報告內具有代表性的數據和資料進行查核。所選樣本的根本數據及證據已進行徹底審查。

### 結論

基於是次的核實結果,香港品質保證局確定此報告依據全球報告倡議組織(GRI)的可持續發展報告指南4版本及電力行業披露編撰,並且符合全面方案必要的具體標準披露項,以及涵蓋了香港聯合交易所有限公司《環境、社會及管治報告指引》內的關鍵績效指標。

對於光大國際在可持續發展方面的企業社會責任表現,我們沒有發現任何證據顯示數據及資料沒有追溯性。根據提及的核實範圍和依循可接受保證的核實程序,我們的結論是光大國際於報告內公平地載述了各項與可持續發展成效有關的措施、目標、進度及表現。

備註:對於2013年報告內有關環保合規性事件的內容,我們已進行跟進,並確認光大國際跟進行動的有效性。

### 香港品質保證局

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製造及服務科助理總監  
2015年5月

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## Key Statistics 主要數據

### Economic Performance<sup>1</sup>

### 經濟表現<sup>1</sup>

HK\$ ('000)	千港元	2014	2013	2012
Total revenue	總收益	<b>6,606,604</b>	5,464,056	3,825,199
Profit for the Year	本年度盈利	<b>1,703,147</b>	1,324,667	1,123,269
Total assets	資產總額	<b>31,199,794</b>	23,471,047	16,583,114
Shareholders' equity	股東權益	<b>16,263,256</b>	13,374,264	8,349,759
Basic earnings per share (HK cents)	每股基本盈利(港仙)	<b>37.99</b>	32.60	29.65
Return on shareholders' equity (%)	股東資金回報(%)	<b>11.49</b>	12.20	15.45

### Operation Performance<sup>2</sup>

### 運營表現<sup>2</sup>

		2014	2013	2012
<b>Processing/Storage Capacity</b>	<b>處理 / 儲存規模</b>			
Waste-to-energy (tonne per day)	垃圾發電(噸 / 每日)	<b>14,550</b>	9,650	8,150
Industrial solid waste landfill (m <sup>3</sup> )	工業固廢填埋量(立方米)	<b>512,000</b>	512,000	512,000
Hazardous solid waste landfill (m <sup>3</sup> )	危廢填埋(立方米)	<b>1,240,000</b>	340,000	-
Waste water treatment capacity (m <sup>3</sup> per day)	污水處理規模(立方米 / 日)	<b>1,755,000</b>	1,725,000	1,550,000
Reusable water (m <sup>3</sup> per day)	中水(立方米 / 日)	<b>56,389</b>	56,800	46,800
<b>Performances</b>	<b>表現</b>			
Electricity generation (GWh) <sup>3</sup>	發電量(百萬千瓦時) <sup>3</sup>	<b>1,982.53</b>	1,552.98	1,307.55
Total electricity sent out (GWh) <sup>4</sup>	總輸出電量(百萬千瓦時) <sup>4</sup>	<b>1,364.99<sup>^</sup></b>	1,309.36	1,094.85
Waste water treatment volume (m <sup>3</sup> ) <sup>3</sup>	污水處理量(立方米) <sup>3</sup>	<b>584,792,000</b>	526,485,000	508,822,000
<b>Plant availability (%)</b>	<b>廠房利用率(%)</b>			
Waste-to-energy projects	垃圾發電項目	<b>87.35</b>	90.85	79.70
Methane-to-energy projects	沼氣發電項目	<b>92.04</b>	100	100
Solar photovoltaic energy projects	太陽能光伏發電項目	<b>99.88</b>	99.69	98.97
Biomass power generation project	生物質發電項目	<b>90.37</b>	87.02	100
<b>Certification Accreditation</b>	<b>認證</b>			
Number of ISO 9001 certificates	9001認證數目	<b>18</b>	13	10

### Health and Safety<sup>2</sup>

### 健康與安全<sup>2</sup>

		2014	2013	2012
Number of fatalities	因工死亡數字	<b>1</b>	0	0
Number of disabling injuries	因工傷殘數字	<b>0</b>	0	0
Number of missed (absentee) days	沒有上班(缺勤)日數	<b>4,651</b>	2,914	3,418.5
Disabling Injury Severity Rate (DISR)	因工傷殘嚴重率(DISR)	<b>0</b>	0	0
<b>Certificate Accreditation</b>	<b>認證</b>			
Number of OHSAS 18001 certificates	OHSAS 18001 認證數目	<b>18</b>	13	10

Environment - Overall<sup>2</sup>環境－整體環境情況<sup>2</sup>

		2014	2013	2012
<b>Energy Consumed (GJ)</b>	<b>耗用能源(吉焦)</b>			
Fuel oil	燃油	<b>26,140.88</b>	70,091.36	60,405.57
Electricity (Non-renewable)	電力(不可再生能源)	<b>560,423.29</b>	1,339,878	1,141,000
Electricity (Renewable)	電力(再生能源)	<b>914,291.91</b>		
Total energy consumed	總耗用能源	<b>1,500,856.63</b>		
CO <sub>2</sub> e (Scope 1)	二氧化碳當量(範疇一)	<b>1,812,805.05</b>	1,590,000	1,460,000
CO <sub>2</sub> e (Scope 2)	二氧化碳當量(範疇二)	<b>168,703.10</b>	N/A	N/A
CO <sub>2</sub> e (Scope 3)	二氧化碳當量(範疇三)	<b>N/A</b>	N/A	N/A
<b>Certificate Accreditation</b>	<b>認證</b>			
Number of ISO 14001 certificates	ISO 14001 認證數目	<b>18</b>	13	10

Environment - Environmental Energy and Alternative Energy<sup>2</sup>環境－環保能源及新能源<sup>2</sup>

		2014	2013	2012
<b>Key Material used (T)</b>	<b>所用主要物料(噸)</b>			
Household waste treated	處理生活垃圾	<b>5,364,583.00</b>	4,410,601.47	2,980,588.44
Biomass treated	處理生物質	<b>344,923.04</b>		
Quicklime (CaO)/Hydrated lime (Ca(OH) <sub>2</sub> ) <sup>5</sup>	生石灰(CaO) / 熟石灰(Ca(OH) <sub>2</sub> ) <sup>5</sup>	<b>58,161.91</b>	42,444.80	45,371.71
Activated charcoal	活性炭	<b>1,613.13</b>		
Acid	酸	<b>450.92</b>		
Ammonia water	氨水	<b>10,559.29</b>		
Fuel oil	燃油	<b>508.57</b>		
Desalinated water	除鹽水	<b>369,461.10</b>	278,569.32	316,482.07
Cement	水泥	<b>13,159.77</b>		
<b>Key Air Emissions (T)</b>	<b>主要氣體排放(噸)</b>			
SO <sub>2</sub>	二氧化硫	<b>394.88</b>	443.12	596.25
NO <sub>x</sub>	氮氧化物	<b>2528.64</b>	2,177.44	2,414.27
Particulate Matter (PM <sub>10</sub> )	顆粒物(PM <sub>10</sub> )	<b>111.96</b>	116.42	131.08
CO <sub>2</sub> e (Scope 1)	二氧化碳當量(範疇一)	<b>1,812,602.24</b>	1,590,000	1,460,000
CO <sub>2</sub> e (Scope 2)	二氧化碳當量(範疇二)	<b>2,159.57</b>	N/A 不適用	N/A 不適用
CO <sub>2</sub> e (Scope 3)	二氧化碳當量(範疇三)	<b>N/A 不適用</b>	N/A 不適用	N/A 不適用
<b>Fly ash/Bottom ash (T)<sup>5</sup></b>	<b>飛灰 / 爐渣(噸)<sup>5</sup></b>			
Fly ash produced	所產生飛灰	<b>152,590</b>	139,576	127,150
Bottom ash produced	所產生爐渣	<b>1,056,643</b>	1,031,146	1,023,748

Environment - Environmental Water<sup>2</sup>

環保－環保水務<sup>2</sup>

		2014	2013	2012
<b>Key Material Used (T)</b>	<b>所用主要物料(噸)</b>			
Flocculants	絮凝劑	<b>17,076.00</b>	38,429.32	53,205.26
PFC	聚合氯化鐵	<b>5,052.81</b>		
Hypochlorous acid	次氯酸	<b>2,787.93</b>		
FeCl <sub>3</sub>	三氯化鐵	<b>9,975.41</b>		
Lime	石灰	<b>2,354.57</b>		
Sludge	污泥			
Sludge to landfill/incinerator	填埋 / 焚燒的污泥	<b>87,155</b>	204,713	235,112
Sludge recycled	循環再用污泥	<b>211,653</b>	184,455	197,971
<b>Key Air Emissions (T)</b>	<b>主要氣體排放(噸)</b>			
CO <sub>2</sub> e (Scope 1)	二氧化碳當量(範疇一)	<b>202.81</b>	N/A 不適用	N/A 不適用
CO <sub>2</sub> e (Scope 2)	二氧化碳當量(範疇二)	<b>166,543.53</b>	N/A 不適用	N/A 不適用
CO <sub>2</sub> e (Scope 3)	二氧化碳當量(範疇三)	<b>N/A 不適用</b>	N/A 不適用	N/A 不適用

1 Selected financial data is derived from the audited financial statements.  
 2 For operating projects only.  
 3 Figures are derived from Annual Reports 2012, 2013 & 2014.  
 4 Referring to electricity sent out from waste-to-energy projects.  
 5 Hanshan biomass power generation plant's full year data is not available as it commenced operation in August 2014.

1 所選財務數據來自經審核財務報表。  
 2 僅就運營項目而言。  
 3 數字來自二零一二年、二零一三年及二零一四年年報。  
 4 所指為垃圾發電項目輸出的電量。  
 5 由於含山生物質發電廠於二零一四年八月開始運營，故沒有含山生物質發電廠全年的數據。



GENERAL STANDARD DISCLOSURES 一般標準披露				
GRI Indicators GRI指標	GRI General Standard Disclosures GRI一般標準披露	Cross-reference/Direct answer(s) 相互參考 / 直接回應	Identified Omission(s) and Reason(s) for Omission(s) 確認的遺漏及遺漏原因	External Assurance 外部鑒證
<b>STRATEGY AND ANALYSIS</b> 策略及分析				
G4-1	Statement from the most senior decision-maker of the organization	Message from the CEO	Not applicable	✓
G4-1	機構最高決策人的聲明	行政總裁致辭	不適用	
G4-2	Description of key impacts, risks, and opportunities	Message from the CEO; Sustainable Economic Growth – Managing Risk and Opportunity; Outlook	Not applicable	✓
G4-2	主要影響、風險及機遇的描述	行政總裁致辭；可持續經濟發展－管理風險及機遇；展望	不適用	
<b>ORGANIZATIONAL PROFILE</b> 機構簡介				
G4-3	The name of the organization	About this Report	Not applicable	✓
G4-3	機構名稱	有關本報告	不適用	
G4-4	Primary brands, products, and services	Sustainable Economic Growth – Our Business	Not applicable	✓
G4-4	主要品牌、產品及服務	可持續經濟發展－我們的業務	不適用	
G4-5	Location of the organization's headquarters	About this Report	Not applicable	✓
G4-5	機構總公司的所在地	有關本報告	不適用	
G4-6	Report the number of countries where the organization operates, and names of countries where either the organization has significant operations or that are specifically relevant to the sustainability topics covered in the report	Sustainable Economic Growth – Our Business	Not applicable	✓
G4-6	報告機構在多少個國家營運，在哪些國家有主要業務，或哪些國家與報告所述的可持續發展主題特別相關	可持續經濟發展－我們的業務	不適用	
G4-7	Nature of ownership and legal form	Sustainable Economic Growth – Our Business	Not applicable	✓
G4-7	所有權的性質及法律形式	可持續經濟發展－我們的業務	不適用	
G4-8	Markets served	Sustainable Economic Growth – Our Business	Not applicable	✓
G4-8	所服務的市場	可持續經濟發展－我們的業務	不適用	
G4-9	Scale of the organization	Highlights in 2014; Sustainable Economic Growth – Our Business, Project Highlights; Key Statistics	Not applicable	✓
G4-9	機構規模	二零一四年摘要；可持續經濟發展－我們的業務、項目亮點；主要數據	不適用	
G4-10	Employee Statistics	Our People	Not applicable	✓
G4-10	僱員統計數據	我們的僱員	不適用	
G4-11	Percentage of total employees covered by collective bargaining agreements	According to the common practice in China, all employees are not covered by collective bargaining agreements	Not applicable	✓
G4-11	集體談判協議涵蓋的僱員總數百分比	根據中國一般慣例，集體談判協議並非涵蓋所有的僱員	不適用	
G4-12	Organization's supply chain	Sustainable Economic Growth – Our Business Partner and Suppliers	Not applicable	✓
G4-12	機構的供應鏈	可持續經濟發展－我們的業務伙伴及供應商	不適用	
G4-13	Significant changes during the reporting period regarding the organization's size, structure, ownership, or its supply chain	Highlights in 2014	Not applicable	✓
G4-13	報告期內機構規模、架構、所有權或供應鏈的重要變化	二零一四年摘要	不適用	
G4-14	Report whether and how the precautionary approach or principle is addressed by the organization	Sustainable Economic Growth – Managing Risk and Opportunity; Corporate Governance	Not applicable	✓
G4-14	報告機構是否及如何按預警方針及原則行事	可持續經濟發展－管理風險及機遇；企業管治	不適用	
G4-15	Externally developed economic, environmental and social charters, principles, or other initiatives to which the organization subscribes or which it endorses	Highlights in 2014	Not applicable	✓
G4-15	機構參與或支持的外界發起的經濟、環境、社會公約、原則或其他倡議	二零一四年摘要	不適用	
G4-16	Memberships of associations	Highlights in 2015; Giving Back to the Society	Not applicable	✓
G4-16	協會成員	二零一五年摘要；回饋社會	不適用	
<b>IDENTIFIED MATERIAL ASPECTS AND BOUNDARIES</b> 確定的實質性方面和邊界				
G4-17	Entities included in the organization's consolidated financial statements	Our Materiality Assessment (Page 9); Cross-reference the consolidated financial statements on page 18 of the Annual Report 2014	Not applicable	✓
G4-17	機構的綜合財務報表包括的實體	實質性評估(第9頁)；相互參考二零一四年年報的綜合財務報表第18頁	不適用	(pp. 82, 83)
G4-18	Process for defining the report content and the Aspect Boundaries and how the organization has implemented the Reporting Principles for Defining Report Content	Our Materiality Assessment (Page 9,10)	Not applicable	✓
G4-18	界定報告內容和方面邊界的過程及機構如何應用「界定報告內容的報告原則」	實質性評估(第9、10頁)	不適用	(pp. 82, 83)

# GRI Content Index GRI內容索引

GENERAL STANDARD DISCLOSURES 一般標準披露				
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G4-19	Material Aspects identified in the process for defining report content	Our Materiality Assessment (Page 12)	Not applicable	✓
G4-19	在界定報告內容的過程中確定的實質性方面	實質性評估(第12頁)	不適用	(pp. 82, 83)
G4-20	Aspect Boundary of each Material Aspect within the organization	Our Materiality Assessment (Page 12)	Not applicable	✓
G4-20	機構內每個實質性方面的邊界	實質性評估(第12頁)	不適用	(pp. 82, 83)
G4-21	Aspect Boundary of each Material Aspect outside the organization	Our Materiality Assessment (Page 12)	Not applicable	✓
G4-21	機構範疇外每個實質性方面的邊界	實質性評估(第12頁)	不適用	(pp. 82, 83)
G4-22	Effect of any restatements of information provided in previous reports, and the reasons for such restatements	Our Materiality Assessment (Page 9, 53)	Not applicable	✓
G4-22	重訂前期報告所載資料的影響，以及重訂的原因	實質性評估(第9、53頁)	不適用	(pp. 82, 83)
G4-23	Report significant changes from previous reporting periods in the Scope and Aspect Boundaries	Our Materiality Assessment (Page 9)	Not applicable	✓
G4-23	說明範疇、方面邊界與此前報告期間的重大變動	實質性評估(第9頁)	不適用	(pp. 82, 83)
STAKEHOLDER ENGAGEMENT 持份者的參與				
G4-24	List of stakeholder groups engaged by the organization	Engaging Stakeholders (Page 16, 17)	Not applicable	✓
G4-24	機構的持份者列表	持份者的參與(第16、17頁)	不適用	(pp. 82, 83)
G4-25	Basis for identification and selection of stakeholders with whom to engage	Engaging Stakeholders (Page 14)	Not applicable	✓
G4-25	就所選定的持份者，說明識別和選擇的依據	持份者的參與(第14頁)	不適用	(pp. 82, 83)
G4-26	Approach to stakeholder engagement	Our Materiality Assessment; Engaging Stakeholders (Page 16, 17)	Not applicable	✓
G4-26	持份者參與的方法	實質性評估； 持份者的參與(第16、17頁)	不適用	(pp. 82, 83)
G4-27	Key topics and concerns that have been raised through stakeholder engagement, and how the organization has responded to those key topics and concerns, including through its reporting. Report the stakeholder groups that raised each of the key topics and concerns	Engaging Stakeholders (Page 16, 17)	Not applicable	✓
G4-27	持份者參與的過程中提出的關鍵主題及顧慮，以及機構回應的方式，包括以報告回應。說明提出每個關鍵主題及顧慮的持份者組別	持份者的參與(第16、17頁)	不適用	(pp. 82, 83)
REPORT PROFILE 報告概況				
G4-28	Reporting period (such as fiscal or calendar year) for information provided	About this Report	Not applicable	✓
G4-28	所提供資料的報告期(如財政年度或曆年)	有關本報告	不適用	
G4-29	Date of most recent previous report	About this Report	Not applicable	✓
G4-29	上一份報告的日期	有關本報告	不適用	
G4-30	Reporting cycle	About this Report	Not applicable	✓
G4-30	報告周期	有關本報告	不適用	
G4-31	Contact point for questions regarding the report or its contents	About this Report	Not applicable	✓
G4-31	關於報告或報告內容的聯絡方法	有關本報告	不適用	
G4-32	The "in accordance" option the organization has chosen, GRI Content Index, reference to the External Assurance Report	About this Report	Not applicable	✓
G4-32	針對GRI內容索引或引述外部鑒證報告，機構選擇的「符合」方案	有關本報告	不適用	
G4-33	Policy and current practice with regard to seeking external assurance for the report	About this Report; Verification Statements	Not applicable	✓
G4-33	為報告尋求外部鑒證的政策和目前的做法	有關本報告；核實聲明	不適用	
GOVERNANCE 管治				
G4-34	Governance structure of the organization, including committees of the highest governance body. Identify any committees responsible for decision-making on economic, environmental and social impacts	Sustainable Economic Growth – Corporate Governance	Not applicable	✓
G4-34	機構的管治架構，包括最高管治機構的委員會。確認負責就經濟、環境及社會影響作出決策的任何委員會	可持續經濟發展 – 企業管治	不適用	
G4-35	Process for delegating authority for economic, environmental and social topics from the highest governance body to senior executives and other employees	Annual Report – Corporate Governance Report		✓
G4-35	從最高管治機構授權高級管理人員和其他僱員管理經濟、環境和社會議題的過程	年報 – 企業管治報告		
G4-36	Executive-level position or positions with responsibility for economic, environmental and social topics, and whether post holders report directly to the highest governance body	Annual Report – Corporate Governance Report		✓
G4-36	是否任命行政級別的高管負責經濟、環境和社會議題，他們是否直接向最高管治機構匯報	年報 – 企業管治報告		
G4-37	Processes for consultation between stakeholders and the highest governance body on economic, environmental and social topics. If consultation is delegated, describe to whom and any feedback processes to the highest governance body	Engaging Stakeholders		✓
G4-37	持份者和最高管治機構就經濟、環境和社會議題磋商的過程。如果授權磋商，說明授權的對象和向最高管治機構的反饋過程	持份者的參與		

GENERAL STANDARD DISCLOSURES 一般標準披露				
GRI Indicators GRI指標	GRI General Standard Disclosures GRI一般標準披露	Cross-reference/ Direct answer(s) 相互參考 / 直接回應	Identified Omission(s) and Reason(s) for Omission(s) 確認的遺漏及遺漏原因	External Assurance 外部鑒證
G4-38	Composition of the highest governance body and its committees	Sustainable Economic Growth – Corporate Governance Annual Report – Corporate Governance Report		✓
G4-38	最高管治機構及其委員會的組成	可持續經濟發展－企業管治 年報－企業管治報告		
G4-39	Indicate whether the Chair of the highest governance body is also an executive officer	Sustainable Economic Growth – Corporate Governance		✓
G4-39	說明最高管治機構的主席是否兼任行政職位	可持續經濟發展－企業管治		
G4-40	Nomination and selection processes for the highest governance body and its committees, and the criteria used for nominating and selecting highest governance body members	Annual Report – Corporate Governance Report		✓
G4-40	最高管治機構及其委員會的提名和甄選過程，及用於提名和甄選最高管治機構成員的條件	年報－企業管治報告		
G4-41	Processes for the highest governance body to ensure conflicts of interest are avoided and managed. Report whether conflicts of interest are disclosed to stakeholders	Annual Report – Corporate Governance Report		✓
G4-41	最高管治機構確保避免和管理利益衝突的程序，報告是否向持份者披露利益衝突	年報－企業管治報告		
G4-42	Highest governance body's and senior executives' roles in the development, approval, and updating of the organization's purpose, value or mission statements, strategies, policies, and goals related to economic, environmental and social impacts	Annual Report – Corporate Governance Report		✓
G4-42	在制定、批准、更新與經濟、環境、社會影響有關的宗旨、價值觀或使命、策略、政策與目標方面，最高管治機構和高級管理人員的角色	年報－企業管治報告		
G4-43	Measures taken to develop and enhance the highest governance body's collective knowledge of economic, environmental and social topics	Sustainable Economic Growth – Corporate Governance		✓
G4-43	為發展及加強最高管治機構對於經濟、環境和社會主題的集體認識而採取的措施	可持續經濟發展－企業管治		
G4-44	Processes for evaluation of the highest governance body's performance with respect to governance of economic, environmental and social topics. Report whether such evaluation is independent or not, and its frequency. Report whether such evaluation is a self-assessment. Report actions taken in response to evaluation of the highest governance body's performance with respect to governance of economic, environmental and social topics, including, as a minimum, changes in membership and organizational practice	Annual Report – Chief Executive Officer's Report; Corporate Governance Report		✓
G4-44	評估最高管治機構管理經濟、環境和社會議題績效的流程。報告此等評估是否獨立進行，頻率如何。報告此等評估是否為自我評估。報告對於最高管治機構管理經濟、環境和社會議題的績效評估的應對措施，至少應包括在成員組成和組織管理方面的改變	年報－行政總裁報告；企業管治報告		
G4-45	Highest governance body's role in the identification and management of economic, environmental and social impacts, risks, and opportunities. Include the highest governance body's role in the implementation of due diligence processes. Report whether stakeholder consultation is used to support the highest governance body's identification and management of economic, environmental and social impacts, risks, and opportunities	Message from the CEO		✓
G4-45	在識別和管理經濟、環境和社會的影響、風險和機遇方面，最高管治機構的角色。包括最高管治機構在實施盡職調查方面的角色。報告是否使用持份者諮詢，以支持最高管治機構對經濟、環境和社會的影響、風險和機遇的識別和管理	行政總裁致辭		
G4-46	Highest governance body's role in reviewing the effectiveness of the organization's risk management processes for economic, environmental and social topics	Sustainable Economic Growth – Corporate Governance		✓
G4-46	在評估機構有關經濟、環境和社會議題的風險管理流程的效果方面，最高管治機構的角色	可持續經濟發展－企業管治		
G4-47	Frequency of the highest governance body's review of economic, environmental and social impacts, risks, and opportunities	Sustainable Economic Growth – Corporate Governance		✓
G4-47	最高管治機構評估經濟、環境和社會的影響、風險和機遇的頻率	可持續經濟發展－企業管治		
G4-48	Highest committee or position that formally reviews and approves the organization's sustainability report and ensures that all material Aspects are covered	About this Report		✓
G4-48	正式審閱和批准機構可持續發展報告並確保已涵蓋所有實質性方面的最高委員會或職位	有關本報告		
G4-49	Process for communicating critical concerns to the highest governance body	Our People –Promoting Equal Opportunities and Human Rights		✓
G4-49	與最高管治機構溝通重要關切問題的流程	我們的僱員－促進平等機會及人權		

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GENERAL STANDARD DISCLOSURES 一般標準披露				
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G4-50	Nature and total number of critical concerns that were communicated to the highest governance body and the mechanism(s) used to address and resolve them	Our People – Promoting Equal Opportunities and Human Rights		✓
G4-50	向最高管治機構溝通的重要關切問題的性質和總數，以及採取的處理和解決機制	我們的僱員－促進平等機會及人權		✓
G4-51	Remuneration policies for the highest governance body and senior executives for the types of remuneration	Annual Report – Corporate Governance Report		✓
G4-51	按薪酬類型劃分的最高管治機構和高級管理人員的薪酬政策	年報－企業管治報告		✓
G4-52	Process for determining remuneration. Report whether remuneration consultants are involved in determining remuneration and whether they are independent of management. Report any other relationships which the remuneration consultants have with the organization	Annual Report – Corporate Governance Report		✓
G4-52	決定薪酬的過程。說明是否有薪酬顧問參與薪酬的決定，他們是否獨立於管理層。說明薪酬顧問與機構之間是否存在任何其他關係	年報－企業管治報告		✓
G4-53	How stakeholders' views are sought and taken into account regarding remuneration, including the results of votes on remuneration policies and proposals, if applicable	Engaging Stakeholders		✓
G4-53	如何徵詢並考慮持份者對於薪酬的意見，包括對薪酬政策和提案投票的結果(如適用)	持份者的參與		✓
G4-54	Ratio of the annual total compensation for the organization's highest-paid individual in each country of significant operations to the median annual total compensation for all employees (excluding the highest-paid individual) in the same country	Annual Report – Corporate Governance Report		✓
G4-54	在機構具有重要業務運營的每個國家，薪酬最高個人的年度總收入與機構在該國其他所有僱員(不包括該薪酬最高的個人)平均年度總收入的比率	年報－企業管治報告		✓
G4-55	Ratio of percentage increase in annual total compensation for the organization's highest-paid individual in each country of significant operations to the median percentage increase in annual total compensation for all employees (excluding the highest-paid individual) in the same country	Annual Report – Corporate Governance Report		✓
G4-55	在機構具有重要業務運營的每個國家，薪酬最高個人的年度總收入增幅與機構在該國其他所有僱員(不包括該薪酬最高的個人)平均年度總收入增幅的比率	年報－企業管治報告		✓
<b>道德及誠信</b>				
G4-56	Organization's values, principles, standards and norms of behavior such as codes of conduct and codes of ethics	Sustainable Economic Growth – Corporate Governance	Not applicable	✓
G4-56	機構的價值觀、原則、標準和行為規範，如行為準則和道德準則	可持續經濟發展－企業管治	不適用	✓
G4-57	Internal and external mechanisms for seeking advice on ethical and lawful behavior, and matters related to organizational integrity, such as helplines or advice lines	Sustainable Economic Growth – Corporate Governance		✓
G4-57	尋求道德與合法行為建議的內外部機制，以及與機構誠信有關的事務，如幫助熱線或建議熱線	可持續經濟發展－企業管治		✓
G4-58	Internal and external mechanisms for reporting concerns about unethical or unlawful behavior, and matters related to organizational integrity, such as escalation through line management, whistleblowing mechanisms or hotlines	Sustainable Economic Growth – Corporate Governance		✓
G4-58	舉報不道德或非法行為的內外部機制，以及與機構誠信有關的事務，如通過直線管理者逐級上報、舉報機制或熱線	可持續經濟發展－企業管治		✓
SPECIFIC STANDARD DISCLOSURES 具體標準披露				
GRI Indicators GRI指標	GRI General Standard Disclosures GRI一般標準披露	Cross-reference/Direct answer(s) 相互參考 / 直接回應	Identified Omission(s) and Reason(s) for Omission(s) 確認的遺漏及遺漏原因	External Assurance 外部鑒證
<b>CATEGORY: ECONOMIC</b> 類型：經濟				
<b>MATERIAL ASPECT: ECONOMIC PERFORMANCE</b> 實質性方面：經濟績效				
G4-DMA	ECONOMIC PERFORMANCE	Sustainable Economic Growth		✓
G4-DMA	經濟績效	可持續經濟發展		✓
G4-EC1	Direct economic value generated and distributed	Sustainable Economic Growth – Our Business		✓
G4-EC1	產生和分配的直接經濟價值	可持續經濟發展－我們的業務		✓
G4-EC2	Risks and opportunities posed by climate change that have the potential to generate substantive changes in operations, revenue or expenditure	Sustainable Economic Growth – Managing Risk and Opportunity		✓
G4-EC2	氣候變化帶來的風險及機遇可能造成運營、收入或支出發生實質性變動	可持續經濟發展－管理風險及機遇		✓
G4-EC3	Coverage of the organization's defined benefit plan obligations	Our People – Attracting the Best Talents		✓
G4-EC3	機構界定福利計劃責任的覆蓋程度	我們的僱員－引進領軍人才		✓
G4-EC4	Financial assistance received from government	Sustainable Economic Growth – Our Business		✓
G4-EC4	政府給予的財務補貼	可持續經濟發展－我們的業務		✓

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<b>MATERIAL ASPECT: MARKET PRESENCE</b> 實質性方面：市場表現				
G4-DMA	MARKET PRESENCE	Sustainable Economic Growth		✓
G4-DMA	市場表現	可持續經濟發展		
G4-EC5	Ratio of the entry level wage by gender at significant locations of operation to the minimum wage	N/A	The compensation of majority of our workforce is higher than the minimum wage rules.	✓
G4-EC5	不同性別的工資起薪水平與機構重要運營地點的最低工資水平的比率	不適用	我們大部份員工的薪酬高於最低工資規則。	
G4-EC6	The percentage of senior management at significant locations of operation that are hired from the local community	Our People – Attracting the Best Talents		✓
G4-EC6	在重要運營地點聘用的當地高層管理人員所佔比例	我們的僱員—引進領軍人才		
<b>MATERIAL ASPECT: INDIRECT ECONOMIC IMPACTS</b> 實質性方面：間接經濟影響				
G4-DMA	INDIRECT ECONOMIC IMPACTS	Sustainable Economic Growth		✓
G4-DMA	間接經濟影響	可持續經濟發展		
G4-EC7	The extent of development of significant infrastructure investments and services supported	Sustainable Economic Growth – Our Business; Community Contribution		✓
G4-EC7	開展重要基礎設施投資與支持性服務的程度	可持續經濟發展—我們的業務：社區貢獻		
G4-EC8	Examples of the significant identified positive and negative indirect economic impacts the organization has	Sustainable Economic Growth – Our Business		✓
G4-EC8	對機構造成重大可識別的有利及不利的間接經濟影響的例子	可持續經濟發展—我們的業務		
<b>MATERIAL ASPECT: PROCUREMENT PRACTICES</b> 實質性方面：採購行為				
G4-DMA	PROCUREMENT PRACTICES	Sustainable Economic Growth		✓
G4-DMA	採購行為	可持續經濟發展		
G4-EC9	The percentage of the procurement budget used for significant locations of operation spent on suppliers local to that operation	Sustainable Economic Growth – Our Business Partner and Suppliers		✓
G4-EC9	用於在重要運營地點，就有關運營向當地供應商支出採購預算的比例	可持續經濟發展—我們的業務伙伴及供應商		
<b>CATEGORY: ENVIRONMENTAL</b> 類型：環境				
<b>MATERIAL ASPECT: MATERIALS</b> 實質性方面：物料				
G4-DMA	MATERIALS	Safeguarding the Environment		✓
G4-DMA	物料	保護環境		
G4-EN1	Total weight or volume of materials that are used to produce and package the organization's primary products and services during the reporting period	Safeguarding the Environment – Sustainable Resource Management; Key Statistics		✓
G4-EN1	於報告期間用於生產及包裝機構主要產品及服務的物料的重量或體積	保護環境—可持續資源管理：主要數據		
G4-EN2	The percentage of recycled input materials used to manufacture the organization's primary products and services	Safeguarding the Environment – Sustainable Resource Management; Key Statistics		✓
G4-EN2	採用製造機構主要產品及服務的經循環再造物料的百分比	保護環境—可持續資源管理：主要數據		
<b>MATERIAL ASPECT: ENERGY</b> 實質性方面：能源				
G4-DMA	ENERGY	Safeguarding the Environment		✓
G4-DMA	能源	保護環境		
G4-EN3	Total fuel consumption from renewable and non-renewable sources in joules or multiples, including fuel types used	Safeguarding the Environment – Green and Efficient Operation; Key Statistics		✓
G4-EN3	再生能源及不可再生能源的總能源耗用量(以焦耳或焦耳的倍數計算，包括使用燃油類型)	保護環境—綠色及高效運營：主要數據		
G4-EN4	Energy consumed outside of the organization, in joules or multiples	Safeguarding the Environment – Green and Efficient Operation	The products and services in CEIL's core businesses (green electricity and waste water treatment) do not lead to any additional energy consumption for customers.	✓
G4-EN4	機構外部的能源耗用量(以焦耳或焦耳的倍數計算)	保護環境—綠色及高效運營	光大國際的核心業務(綠色電力及污水處理)的產品及服務不會對客戶造成額外的能耗。	
G4-EN5	Energy intensity ratio	Safeguarding the Environment – Striving for Environmental Protection and Climate Change Mitigation		✓
G4-EN5	能源強度比率	保護環境—致力環保及紓緩氣候變化		
G4-EN6	Amount of reductions in energy consumption achieved as a direct result of conservation and efficiency initiatives, in joules or multiples	Safeguarding the Environment – Green and Efficient Operation		✓
G4-EN6	減少的能源耗用量(以焦耳或焦耳的倍數計算)·取得節能及效益計劃的直接成果	保護環境—綠色及高效運營		

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SPECIFIC STANDARD DISCLOSURES 具體標準披露				
GRI Indicators GRI指標	GRI General Standard Disclosures GRI一般標準披露	Cross-reference/ Direct answer(s) 相互參考 / 直接回應	Identified Omission(s) and Reason(s) for Omission(s) 確認的遺漏及遺漏原因	External Assurance 外部鑒證
G4-EN7	Reductions in the energy requirements of sold products and services achieved during the reporting period, in joules or multiples	Safeguarding the Environment – Green and Efficient Operation	The products and services in CEIL's core businesses (green electricity and waste water treatment) do not lead to any additional energy consumption for customers.	✓
G4-EN7	於報告期內取得出售產品和服務所需能源的降低(以焦耳或焦耳的倍數計算)	保護環境—綠色及高效運營	光大國際的核心業務(綠色電力及污水處理)的產品及服務不會對客戶造成額外的能耗。	
<b>MATERIAL ASPECT: WATER</b> 實質性方面：水				
G4-DMA	WATER	Safeguarding the Environment		✓
G4-DMA	水	保護環境		
G4-EN8	Total volume of water withdrawn	Safeguarding the Environment – Green and Efficient Operation		✓
G4-EN8	取水總量	保護環境—綠色及高效運營		
G4-EN9	Total number of water sources significantly affected by withdrawal	Safeguarding the Environment – Green and Efficient Operation	Since CEIL's water use mainly relies on municipal supply and recycled water, there is no significant impact on the water sources.	✓
G4-EN9	因取水而受重大影響的水源	保護環境—綠色及高效運營	由於光大國際的用水主要依靠市政供水及循環水，故不會對水資源造成任何重大的影響。	
G4-EN10	Total volume of water recycled and reused by the organization	Safeguarding the Environment – Green and Efficient Operation		✓
G4-EN10	機構循環及再用水的總量	保護環境—綠色及高效運營		
<b>MATERIAL ASPECT: BIODIVERSITY</b> 實質性方面：生物多樣性				
G4-DMA	BIODIVERSITY	Safeguarding the Environment		✓
G4-DMA	生物多樣性	保護環境		
G4-EN11	Indicate for each operational site owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Safeguarding the Environment – Other Environmental Concerns	All our project sites are designated for industrial purposes as prepared by the governments. There are no project sites in or adjacent to the protected areas and areas of high biodiversity value.	✓
G4-EN11	說明機構在保護區或其他具有重要生物多樣性價值的地區或其毗鄰地區，擁有、租賃或管理的運營點	保護環境—其他環境關注	我們所有的項目用地均由政府擬定作指定工業用途。我們的項目沒有設立在保護區及具有重要生物多樣性價值的地區或毗鄰地區。	
G4-EN12	Nature of significant direct and indirect impacts on biodiversity	Safeguarding the Environment – Other Environmental Concerns	All our project sites are designated for industrial purposes as prepared by the governments. There are no project sites in or adjacent to the protected areas and areas of high biodiversity value.	✓
G4-EN12	對生物多樣性產生重大直接及間接影響	保護環境—其他環境關注	我們所有的項目用地均由政府擬定作指定工業用途。我們的項目沒有設立在保護區及具有重要生物多樣性價值的地區或毗鄰地區。	
G4-EN13	Size and location of all habitat protected areas or restored areas, and whether the success of the restoration measure was or is approved by independent external professionals	Safeguarding the Environment – Other Environmental Concerns	All our project sites are designated for industrial purposes as prepared by the governments. There are no project sites in or adjacent to the protected areas and areas of high biodiversity value.	✓
G4-EN13	所有受保護或經修復的棲息地的規模及位置，以及修復措施成功與否已經或須經獨立外部專家批准	保護環境—其他環境關注	我們所有的項目用地均由政府擬定作指定工業用途。我們的項目沒有設立在保護區及具有重要生物多樣性價值的地區或毗鄰地區。	
G4-EN14	Total number of IUCN Red List species and national conservation list species with habitats in areas affected by the operations of the organization	Safeguarding the Environment – Other Environmental Concerns	All our project sites are designated for industrial purposes as prepared by the governments. There are no project sites in or adjacent to the protected areas and areas of high biodiversity value.	✓
G4-EN14	棲息地受機構運營影響列入國際自然保護聯盟(IUCN)紅色名錄及國家保護名冊的物種總數	保護環境—其他環境關注	我們所有的項目用地均由政府擬定作指定工業用途。我們的項目沒有設立在保護區及具有重要生物多樣性價值的地區或毗鄰地區。	
<b>MATERIAL ASPECT: EMISSIONS</b> 實質性方面：排放				
G4-DMA	EMISSIONS	Safeguarding the Environment		✓
G4-DMA	排放	保護環境		

SPECIFIC STANDARD DISCLOSURES 具體標準披露				
GRI Indicators GRI指標	GRI General Standard Disclosures GRI一般標準披露	Cross-reference/ Direct answer(s) 相互參考 / 直接回應	Identified Omission(s) and Reason(s) for Omission(s) 確認的遺漏及遺漏原因	External Assurance 外部鑒證
G4-EN15	Direct (Scope 1) GHG emissions in metric tons of CO <sub>2</sub> equivalent, independent of any GHG trades, such as purchases, sales, or transfers of offsets or allowances	Safeguarding the Environment – Striving for Environmental Protection and Climate Change Mitigation, Key Statistics		✓
G4-EN15	相等於噸CO <sub>2</sub> 的直接溫室氣體排放量(範疇一)，獨立於任何溫室氣體交易(如購買、出售或轉讓相關的補償或配額)	保護環境 – 致力環保及紓緩氣候變化：主要數據		
G4-EN16	Gross energy indirect (Scope 2) GHG emissions in metric tons of CO <sub>2</sub> equivalent, independent of any GHG trades, such as purchases, sales, or transfers of offsets or allowances	Safeguarding the Environment – Striving for Environmental Protection and Climate Change Mitigation, Key Statistics		✓
G4-EN16	相等於噸CO <sub>2</sub> 的總能源間接溫室氣體排放量(範疇二)，獨立於任何溫室氣體交易(如購買、出售或轉讓相關的補償或配額)	保護環境 – 致力環保及紓緩氣候變化：主要數據		
G4-EN17	Gross other indirect (Scope 3) GHG emissions in metric tons of CO <sub>2</sub> equivalent, excluding indirect emissions from the generation of purchased or acquired electricity, heating, cooling, and steam consumed by the organization (these indirect emissions are reported in Indicator G4-EN16)	Safeguarding the Environment – Striving for Environmental Protection and Climate Change Mitigation, Key Statistics		✓
G4-EN17	相等於噸CO <sub>2</sub> 的總其他間接溫室氣體排放量(範疇三)，不包括源自機構購買或採用所耗用的電力、供熱、製冷及蒸汽間接排放量(該等間接排放量按指標G4-EN16作出匯報)	保護環境 – 致力環保及紓緩氣候變化：主要數據		
G4-EN18	GHG emissions intensity ratio	Safeguarding the Environment – Striving for Environmental Protection and Climate Change Mitigation		✓
G4-EN18	溫室氣體排放強度率	保護環境 – 致力環保及紓緩氣候變化		
G4-EN19	Amount of GHG emissions reductions achieved as a direct result of initiatives to reduce emissions, in metric tons of CO <sub>2</sub> equivalent	Safeguarding the Environment – Striving for Environmental Protection and Climate Change Mitigation		✓
G4-EN19	減少的溫室氣體排放量(以相等於噸CO <sub>2</sub> 計算)，直接取得減排措施的成果	保護環境 – 致力環保及紓緩氣候變化		
G4-EN20	Production, imports, and exports of ODS in metric tons of CFC-11 equivalent	Safeguarding the Environment – Striving for Environmental Protection and Climate Change Mitigation		✓
G4-EN20	臭氧消耗物質(ODS) (以相等於噸CFC-11計算)的生產、進口及出口	保護環境 – 致力環保及紓緩氣候變化		
G4-EN21	Amount of significant air emissions, in kilograms or multiples	Safeguarding the Environment – Striving for Environmental Protection and Climate Change Mitigation; Key Statistics		✓
G4-EN21	主要氣體的排放量(以千克或千克的倍數計算)	保護環境 – 致力環保及紓緩氣候變化：主要數據		
<b>MATERIAL ASPECT: EFFLUENTS AND WASTE</b> 實質性方面：污水和廢棄物				
G4-DMA	EFFLUENTS AND WASTE	Safeguarding the Environment		✓
G4-DMA	污水和廢物	保護環境		
G4-EN22	Total volume of planned and unplanned water discharges	Safeguarding the Environment – Sustainable Resource Management; Key Statistics		✓
G4-EN22	計劃及無計劃的污水排放總量	保護環境 – 可持續資源管理：主要數據		
G4-EN23	Total weight of hazardous and non-hazardous waste	Safeguarding the Environment – Sustainable Resource Management; Key Statistics		✓
G4-EN23	危險及非危險廢棄物總重量	保護環境 – 可持續資源管理：主要數據		
G4-EN24	Total number and total volume of recorded significant spills	Safeguarding the Environment – Other Environmental Concerns		✓
G4-EN24	嚴重洩漏的總次數及總量	保護環境 – 其他環境關注		
G4-EN25	Total weight for each of the following: • Hazardous waste transported • Hazardous waste imported • Hazardous waste exported • Hazardous waste treated	Safeguarding the Environment – Sustainable Resource Management		✓
G4-EN25	以下各項危險廢棄物的重量： • 經運輸的危險廢棄物 • 經輸入的危險廢棄物 • 經輸出的危險廢棄物 • 經處理的危險廢棄物	保護環境 – 可持續資源管理		
G4-EN26	Water bodies and related habitats that are significantly affected by water discharges	Safeguarding the Environment – Other Environmental Concerns		✓
G4-EN26	受污水排放嚴重影響的水體及相關棲息地	保護環境 – 其他環境關注		
<b>MATERIAL ASPECT: PRODUCTS AND SERVICES</b> 實質性方面：產品和服務				
G4-DMA	PRODUCTS AND SERVICES	Safeguarding the Environment		✓
G4-DMA	產品和服務	保護環境		
G4-EN27	Extent to which environmental impacts of products and services have been mitigated during the reporting period	Safeguarding the Environment – Striving for Environmental Protection and Climate Change Mitigation; Sustainable Resource Management	Environmental protection itself is our business nature. Our core products can improve the sustainability of the areas where we operate.	✓
G4-EN27	降低於報告期間產品和服務環境影響的程度	保護環境 – 致力環保及紓緩氣候變化：可持續資源管理	環保本身屬於我們運營範疇。我們的核心產品可推動我們所運營地區的可持續發展。	

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G4-EN28	Percentage of reclaimed products and their packaging materials for each product category	N/A	Our core products do not involve packaging.	✓
G4-EN28	按各產品類別，回收產品及其包裝物料的百分比	不適用	我們的核心產品不涉及包裝。	
<b>MATERIAL ASPECT: COMPLIANCE</b> 實質性方面：合規				
G4-DMA	COMPLIANCE	Safeguarding the Environment		✓
G4-DMA	合規	保護環境		
G4-EN29	Significant fines and non-monetary sanctions on non-compliance with laws or regulations	Safeguarding the Environment – Other Environmental Concerns		✓
G4-EN29	違反法律或法規被處重大罰款，以及所受非經濟處罰	保護環境—其他環境關注		
<b>MATERIAL ASPECT: TRANSPORT</b> 實質性方面：交通運輸				
G4-DMA	TRANSPORT	Safeguarding the Environment		✓
G4-DMA	交通運輸	保護環境		
G4-EN30	Significant environmental impacts of transporting products and other goods and materials for the organization's operations, and transporting members of the workforce	Safeguarding the Environment – Other Environmental Concerns		✓
G4-EN30	為機構運營而運輸產品、其他貨物及物料以及員工交通所產生的重大環境影響	保護環境—其他環境關注		
<b>MATERIAL ASPECT: OVERALL</b> 實質性方面：整體環境情況				
G4-DMA	OVERALL	Safeguarding the Environment		✓
G4-DMA	整體環境情況	保護環境		
G4-EN31	Total environmental protection expenditures	Safeguarding the Environment – Other Environmental Concerns		✓
G4-EN31	總環保支出	保護環境—其他環境關注		
<b>MATERIAL ASPECT: SUPPLIER ENVIRONMENTAL ASSESSMENT</b> 實質性方面：供應商環境評估				
G4-DMA	SUPPLIER ENVIRONMENTAL ASSESSMENT	Sustainable Economic Growth		✓
G4-DMA	供應商環境評估	保護環境		
G4-EN32	The percentage of new suppliers that were screened using environmental criteria	Sustainable Economic Growth – Our Business Partner and Suppliers		✓
G4-EN32	使用環境標準篩選的新供應商的比例	保護環境—我們的業務伙伴及供應商		
G4-EN33	The number of suppliers subject to environmental impact assessments	Sustainable Economic Growth – Our Business Partner and Suppliers		✓
G4-EN33	供應商的數目須遵守環境影響評估	保護環境—我們的業務伙伴及供應商		
<b>MATERIAL ASPECT: ENVIRONMENTAL GRIEVANCE MECHANISMS</b> 實質性方面：環境問題申訴機制				
G4-DMA	ENVIRONMENTAL GRIEVANCE MECHANISMS	Safeguarding the Environment		✓
G4-DMA	環境問題申訴機制	保護環境		
G4-EN34	Total number of grievances about environmental impacts filed through formal grievance mechanisms during the reporting period	Safeguarding the Environment – Other Environmental Concerns		✓
G4-EN34	報告期間經由正式申訴機制提出的環境影響申訴的數量	保護環境—其他環境關注		
<b>CATEGORY: SOCIAL</b> 類型：社會				
<b>SUB-CATEGORY: LABOR PRACTICES AND DECENT WORK</b> 子分類：勞工守則及合理工作				
<b>MATERIAL ASPECT: EMPLOYMENT</b> 實質性方面：僱傭				
G4-DMA	EMPLOYMENT	Our People		✓
G4-DMA	僱傭	我們的僱員		
G4-LA1	Employee Statistics	Our People – Attracting the best talents		✓
G4-LA1	僱員數據	我們的僱員—引進領軍人才		
G4-LA2	Benefits which are standard for full-time employees of the organization but are not provided to temporary or part-time employees	Our People – Attracting the best talents		✓
G4-LA2	不提供給臨時或兼職僱員，只提供給機構全職僱員的標準福利	我們的僱員—引進領軍人才		
G4-LA3	Total number of employees that were entitled to parental leave, by gender	Our People – Promoting Equal Opportunity and Human Right		✓
G4-LA3	按性別劃分，有權享受產假 / 侍產假的僱員總數	我們的僱員—促進平等機會及人權		
<b>MATERIAL ASPECT: LABOR/MANAGEMENT RELATIONS</b> 實質性方面：勞資關係				
G4-DMA	LABOR/MANAGEMENT RELATIONS	Our People		✓
G4-DMA	勞資關係	我們的僱員		
G4-LA4	Minimum number of weeks' notice typically provided to employees and their elected representatives prior to the implementation of significant operational changes that could substantially affect them	Our People – Working Happily		✓
G4-LA4	在執行將對僱員及其選舉代表造成實質影響的重大運營變化前，向他們作出最短通知期（一般提前一周）	我們的僱員—樂在光大國際		



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<b>MATERIAL ASPECT: OCCUPATIONAL HEALTH AND SAFETY</b> 實質性方面：職業健康與安全				
G4-DMA	OCCUPATIONAL HEALTH AND SAFETY	Health and Safety		✓
G4-DMA	職業健康與安全	健康與安全		✓
G4-LA5	Level at which each formal joint management-worker health and safety committee typically operates within the organization	N/A	Formation of committee and association are restricted in China according to relevant laws and regulations.	✓
G4-LA5	勞資雙方組建的正式健康與安全委員會的層級，一般由機構運營	不適用	根據相關法律法規，在中國成立委員會及社團受到限制。	✓
G4-LA6	Types of injury, injury rate (IR), occupational diseases rate (ODR), lost day rate (LDR), absentee rate (AR) and work-related fatalities, for the total workforce	Health and Safety – Maintaining Health and Safety at Work		✓
G4-LA6	工傷類型、工傷率(IR)、職業病發生率(ODR)、損失工作日數(LDR)、缺值率(AR)及工作相關死亡數字佔總僱員的比率	健康與安全—確保工作健康與安全		✓
G4-LA7	Workers who are involved in occupational activities who have a high incidence or high risk of specific diseases	An Occupational Health and Safety System is currently in place to ensure a safe workplace. We provide sufficient Personal Protective Equipment for workers that may require to involve in occupational activities with health and safety risks		✓
G4-LA7	從事特定職業病高發職業活動或職業病高風險職業活動的工人	目前已設立職業健康與安全制度，以確保安全的工作場所。我們為可能須從事具健康與安全風險的職業活動的工人們提供充足的個人保護設備		✓
G4-LA8	Formal agreements (either local or global) with trade unions cover health and safety	N/A	Formation of committee and trade union are restricted in China according to relevant laws and regulations.	✓
G4-LA8	與工會達成健康與安全議題的正式協議(不論當地或全球)	不適用	根據相關法律及法規，在中國成立委員會及社團受到限制。	✓
<b>MATERIAL ASPECT: TRAINING AND EDUCATION</b> 實質性方面：培訓與教育				
G4-DMA	TRAINING AND EDUCATION	Our People		✓
G4-DMA	培訓與教育	我們的僱員		✓
G4-LA9	Average hours of training that the organization's employees have undertaken during the reporting period	Our People – Growing with CEIL		✓
G4-LA9	機構僱員於報告期間接受培訓的平均小時數	我們的僱員—與光大國際共同成長		✓
G4-LA10	Type and scope of programs implemented and assistance provided to upgrade employee skills	Our People – Growing with CEIL		✓
G4-LA10	執行方案類型及範疇及提供協助以加強僱員技能	我們的僱員—與光大國際共同成長		✓
G4-LA11	The percentage of total employees by gender and by employee category who received a regular performance and career development review during the reporting period	Our People – Growing with CEIL		✓
G4-LA11	按性別和僱員類別劃分，於報告期間接受定期績效及職業發展考評的僱員總數的百分比	我們的僱員—與光大國際共同成長		✓
<b>MATERIAL ASPECT: DIVERSITY AND EQUAL OPPORTUNITY</b> 實質性方面：多元化與機會平等				
G4-DMA	DIVERSITY AND EQUAL OPPORTUNITY	Our People		✓
G4-DMA	多元化與平等機會	我們的僱員		✓
G4-LA12	The diversity of individuals in terms of percentage within the organization's governance bodies	Annual Report – Corporate Governance Report		✓
G4-LA12	管治機構各類員工的百分比	年報—企業管治報告		✓
<b>MATERIAL ASPECT: EQUAL REMUNERATION FOR WOMEN AND MEN</b> 實質性方面：男女同酬				
G4-DMA	EQUAL REMUNERATION FOR WOMEN AND MEN	Our People		✓
G4-DMA	男女同酬	我們的僱員		✓
G4-LA13	The ratio of the basic salary and remuneration of women to men for each employee category	Our People – Promoting Equal Opportunity and Human Right		✓
G4-LA13	按僱員類別劃分，男女基本薪金和報酬比率	我們的僱員—促進平等機會及人權		✓
<b>MATERIAL ASPECT: SUPPLIER ASSESSMENT FOR LABOR PRACTICES</b> 實質性方面：供應商勞工守則評估				
G4-DMA	SUPPLIER ASSESSMENT FOR LABOR PRACTICES	Sustainable Economic Growth		✓
G4-DMA	供應商勞工守則評估	可持續經濟發展		✓
G4-LA14	Percentage of new suppliers that were screened using labor practices criteria	Sustainable Economic Growth – Our Business Partner and Suppliers		✓
G4-LA14	使用勞工守則標準篩選的新供應商所佔比例	可持續經濟發展—我們的業務伙伴及供應商		✓
G4-LA15	Number of suppliers subject to impact assessments for labor practices. The number of suppliers identified as having significant actual and potential negative impacts for labor practices	Sustainable Economic Growth – Our Business Partner and Suppliers		✓
G4-LA15	供應商的數目須接受對勞工守則的影響評估。已發現供應商的數目對勞工守則的重大實際和潛在負面影響	可持續經濟發展—我們的業務伙伴及供應商		✓

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<b>MATERIAL ASPECT: LABOR PRACTICES GRIEVANCE MECHANISMS</b> 實質性方面：勞工問題申訴機制				
G4-DMA G4-DMA	LABOR PRACTICES GRIEVANCE MECHANISMS 勞工問題申訴機制	Our People 我們的僱員		✓
G4-LA16 G4-LA16	Total number of grievances about labor practices filed through formal grievance mechanisms during the reporting period 於報告期間經由正式申訴機制提出的勞工問題申訴的總數量	Our People – Working Happily 我們的僱員－樂在光大國際		✓
<b>SUB-CATEGORY: HUMAN RIGHTS</b> 子分類：人權				
<b>MATERIAL ASPECT: INVESTMENT</b> 實質性方面：投資				
G4-DMA G4-DMA	INVESTMENT 投資	N/A 不適用		✓
G4-HR1 G4-HR1	Total number and percentage of significant investment agreements and contracts that include human rights clauses or that underwent human rights screening 含有人權條款或已進行人權審查的重要投資協議和合約的總數及百分比	N/A 不適用	We currently do not include human rights related clauses into our significant investment agreements and contracts. 我們目前並未含有人權條款或已進行人權審查的重要投資協議和合約。	✓
G4-HR2 G4-HR2	Total number of training hours on human rights policies or procedures 就人權政策或程序的培訓的總小時數	N/A 不適用	No training was conducted on human rights aspects in this year. 本年度並未進行人權方面的培訓。	✓
<b>MATERIAL ASPECT: NON-DISCRIMINATION</b> 實質性方面：非歧視				
G4-DMA G4-DMA	NON-DISCRIMINATION 非歧視	Our People 我們的僱員		✓
G4-HR3 G4-HR3	Total number of incidents of discrimination during the reporting period 於報告期間歧視事件的總數	Our People – Promoting Equal Opportunity and Human Right 我們的僱員－促進平等機會及人權		✓
<b>MATERIAL ASPECT: FREEDOM OF ASSOCIATION AND COLLECTIVE BARGAINING</b> 實質性方面：結社自由與集體談判				
G4-DMA G4-DMA	FREEDOM OF ASSOCIATION AND COLLECTIVE BARGAINING 結社自由與集體談判	N/A 不適用		✓
G4-HR4 G4-HR4	Operations and suppliers in which employee rights to exercise freedom of association or collective bargaining may be violated 可能違反結社自由或集體談判的運營點及供應商	N/A 不適用	According to the common practice in China, all employees are not covered by collective bargaining agreements. 根據中國一般慣例，集體談判協議並非涵蓋所有的僱員。	✓
<b>MATERIAL ASPECT: CHILD LABOR</b> 實質性方面：童工				
G4-DMA G4-DMA	CHILD LABOR 童工	Our People 我們的僱員		✓
G4-HR5 G4-HR5	Operations and suppliers considered to have significant risk for incidents of Child labor 已發現具有嚴重使用童工風險的運營點和供應商	Our People – Promoting Equal Opportunity and Human Right 我們的僱員－促進平等機會及人權		✓
<b>MATERIAL ASPECT: FORCED OR COMPULSORY LABOR</b> 實質性方面：強迫與強制勞工				
G4-DMA G4-DMA	FORCED OR COMPULSORY LABOR 強迫與強制勞工	Our People 我們的僱員		✓
G4-HR6 G4-HR6	Operations and suppliers considered to have significant risk for incidents of forced or compulsory labor 已發現具有嚴重強迫或強制勞工事件風險的運營點和供應商	Our People – Promoting Equal Opportunity and Human Right 我們的僱員－促進平等機會及人權		✓
<b>MATERIAL ASPECT: SECURITY PRACTICES</b> 實質性方面：安保措施				
G4-DMA G4-DMA	SECURITY PRACTICES 安保措施	Health and Safety 健康與安全		✓
G4-HR7 G4-HR7	Percentage of security personnel who have received formal training in the organization's human rights policies or specific procedures and their application to security 安保人員在機構的人權政策或具體程序及安保應用方面接受正式培訓的百分比	Health and Safety 健康與安全		✓
<b>MATERIAL ASPECT: INDIGENOUS RIGHTS</b> 實質性方面：少數族裔權利				
G4-DMA G4-DMA	INDIGENOUS RIGHTS 少數族裔權利	Community Contribution 社區貢獻		✓
G4-HR8 G4-HR8	Total number of identified incidents of violations involving the rights of indigenous people during the reporting period 發現於報告期間涉及侵犯少數族裔權利的事件總數	Community Contribution – Growing with the Local Communities 社區貢獻－與當地社區共同成長		✓

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<b>MATERIAL ASPECT: ASSESSMENT</b> 實質性方面：評估				
G4-DMA	ASSESSMENT	N/A		✓
G4-DMA	評估	不適用		
G4-HR9	Total number and percentage of operations that have been subject to human rights reviews or human rights impact assessments	We do not have assessments in related to human rights currently in place		✓
G4-HR9	接受人權審查或影響評估的運營點的總數和百分比	我們目前並未就人權進行評估		
<b>MATERIAL ASPECT: SUPPLIER HUMAN RIGHTS ASSESSMENT</b> 實質性方面：供應商人權評估				
G4-DMA	SUPPLIER HUMAN RIGHTS ASSESSMENT	Sustainable Economic Growth – Our Business Partners and Suppliers		✓
G4-DMA	供應商人權評估	可持續經濟發展 – 我們的業務伙伴及供應商		
G4-HR10	Percentage of new suppliers that were screened using human rights criteria	Sustainable Economic Growth – Our Business Partners and Suppliers		✓
G4-HR10	使用人權標準篩選的新供應商的比率	可持續經濟發展 – 我們的業務伙伴及供應商		
G4-HR11	Report the number of suppliers subject to human rights impact assessments	Sustainable Economic Growth – Our Business Partners and Suppliers		✓
G4-HR11	報告供應商接受對人權的影響評估的數目	可持續經濟發展 – 我們的業務伙伴及供應商		
<b>MATERIAL ASPECT: HUMAN RIGHTS GRIEVANCE MECHANISMS</b> 實質性方面：人權問題申訴機制				
G4-DMA	HUMAN RIGHTS GRIEVANCE MECHANISMS	Our People		✓
G4-DMA	人權問題申訴機制	我們的僱員		
G4-HR12	Total number of grievances about human rights impacts filed through formal grievance mechanisms during the reporting period	Our People – Working Happily		✓
G4-HR12	於報告期間經由正式申訴機制提出的有關人權影響申訴的總數量	我們的僱員 – 樂在光大國際		
<b>SUB-CATEGORY: SOCIETY</b> 子分類：社會				
<b>MATERIAL ASPECT: LOCAL COMMUNITIES</b> 實質性方面：當地社區				
G4-DMA	LOCAL COMMUNITIES	Community Contribution		✓
G4-DMA	當地社區	社區貢獻		
G4-SO1	Percentage of operations with implemented local community engagement, impact assessments, and development programs	Community Contribution – Growing with the Local Communities		✓
G4-SO1	實施當地社區參與、影響評估和發展計劃的運營點比例	社區貢獻 – 與當地社區共同成長		
G4-SO2	Operations with significant actual and potential negative impacts on local communities	Community Contribution – Growing with the Local Communities		✓
G4-SO2	對當地社區具有重大實際和潛在負面影響的運營點	社區貢獻 – 與當地社區共同成長		
<b>MATERIAL ASPECT: ANTI-CORRUPTION</b> 實質性方面：反腐败				
G4-DMA	ANTI-CORRUPTION	Sustainable Economic Growth		✓
G4-DMA	反腐败	可持續經濟發展		
G4-SO3	Total number and percentage of operations assessed for risks related to corruption	Sustainable Economic Growth – Corporate Governance		✓
G4-SO3	已進行腐敗相關風險評估的運營點的總數及百分比	可持續經濟發展 – 企業管治		
G4-SO4	Total number and percentage of governance body members that the organization's anti-corruption policies and procedures have been communicated to, broken down by region	Sustainable Economic Growth – Corporate Governance		✓
G4-SO4	按區域明細劃分，對機構反腐敗政策和程序的傳達至管治機構成員的總數及百分比	可持續經濟發展 – 企業管治		
G4-SO5	Total number and nature of confirmed incidents of corruption	Sustainable Economic Growth – Corporate Governance		✓
G4-SO5	確認的腐敗事件的總數及性質	可持續經濟發展 – 企業管治		
<b>MATERIAL ASPECT: PUBLIC POLICY</b> 實質性方面：公共政策				
G4-DMA	PUBLIC POLICY	Sustainable Economic Growth		✓
G4-DMA	公共政策	可持續經濟發展		
G4-SO6	Total monetary value of financial and in-kind political contributions made directly and indirectly by the organization by country and recipient/beneficiary	Sustainable Economic Growth – Corporate Governance		✓
G4-SO6	按國家和接受者 / 受益者劃分，機構直接及間接所作的財務及實物政治性捐贈的貨幣總值	可持續經濟發展 – 企業管治		
<b>MATERIAL ASPECT: ANTI-COMPETITIVE BEHAVIOR</b> 實質性方面：反競爭行為				
G4-DMA	ANTI-COMPETITIVE BEHAVIOR	Sustainable Economic Growth		✓
G4-DMA	反競爭行為	可持續經濟發展		
G4-SO7	Total number of legal actions pending or completed during the reporting period regarding anti-competitive behavior and violations of anti-trust and monopoly legislation in which the organization has been identified as a participant	Sustainable Economic Growth – Corporate Governance		✓
G4-SO7	於報告期間涉及反競爭行為、反托拉斯和壟斷做法(機構已確認為其中的參與者)的進行中或已完成的法律訴訟總數	可持續經濟發展 – 企業管治		

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<b>MATERIAL ASPECT: COMPLIANCE</b> 實質性方面：合規				
G4-DMA G4-DMA	COMPLIANCE 合規	Safeguarding the Environment 保護環境		✓
G4-SO8 G4-SO8	Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with laws and regulations 違反法律及法規被處重大罰款的金額，以及所受非經濟處罰的總數	Safeguarding the Environment – Other Environmental Concerns 保護環境—其他環境關注		✓
<b>MATERIAL ASPECT: SUPPLIER ASSESSMENT FOR IMPACTS ON SOCIETY</b> 實質性方面：供應商社會影響評估				
G4-DMA G4-DMA	SUPPLIER ASSESSMENT FOR IMPACTS ON SOCIETY 供應商社會影響評估	Sustainable Economic Growth 可持續經濟發展		✓
G4-SO9 G4-SO9	Percentage of new suppliers that were screened using criteria for impacts on society 使用社會影響標準篩選的新供應商的比例	Sustainable Economic Growth – Our Business Partners and Suppliers 可持續經濟發展—我們的業務伙伴及供應商		✓
G4-SO10 G4-SO10	Number of suppliers subject to assessments for impacts on society 供應商的數目接受對社會的影響評估	Sustainable Economic Growth – Our Business Partners and Suppliers 可持續經濟發展—我們的業務伙伴及供應商		✓
<b>MATERIAL ASPECT: GRIEVANCE MECHANISMS FOR IMPACTS ON SOCIETY</b> 實質性方面：社會影響問題申訴機制				
G4-DMA G4-DMA	GRIEVANCE MECHANISMS FOR IMPACTS ON SOCIETY 社會影響問題申訴機制	Community Contribution 社區貢獻		✓
G4-SO11 G4-SO11	Total number of grievances about impacts on society filed through formal grievance mechanisms during the reporting period 於報告期間經由正式申訴機制提出的有關社會影響申訴的總數	Community Contribution – Growing with the Local Communities 社區貢獻—與當地社區共同成長		✓
<b>SUB-CATEGORY: PRODUCT RESPONSIBILITY</b> 子分類：產品責任				
<b>MATERIAL ASPECT: CUSTOMER HEALTH AND SAFETY</b> 實質性方面：客戶健康與安全				
G4-DMA G4-DMA	CUSTOMER HEALTH AND SAFETY 客戶健康與安全	Health and Safety 健康與安全		✓
G4-PR1 G4-PR1	Percentage of significant product and service categories for which health and safety impacts are assessed for improvement 為改進現狀而接受健康與安全影響評估的重要產品和服務類別的百分比	Health and Safety – Emergency Preparedness 健康與安全—應急準備		✓
G4-PR2 G4-PR2	Total number of incidents of non-compliance with regulations and voluntary codes concerning the health and safety impacts of products and services within the reporting period 於報告期間違反有關產品和服務健康與安全影響的法規和自願性準則的事件總數	Health and Safety 健康與安全		✓
<b>MATERIAL ASPECT: PRODUCT AND SERVICE LABELING</b> 實質性方面：產品及服務標識				
G4-DMA G4-DMA	PRODUCT AND SERVICE LABELING 產品及服務標識	N/A 不適用		
G4-PR3 G4-PR3	Types of product and service information required by the organization's procedures for product and service information and labeling, and percentage of significant product and service categories subject to such information requirements 機構關於產品和服務資料與標識的程序要求的產品及服務資料種類，以及需要符合這種資料要求的重要產品及服務類別的百分比	N/A 不適用	Our business is to generate green electricity and treat waste water, their sustainability impacts are explored throughout this report. 我們的業務可產生綠色電力和處理污水，其可持續性影響可於本報告內探討。	✓
G4-PR4 G4-PR4	Total number of incidents of non-compliance with regulations and voluntary codes concerning product and service information and labeling 違反有關產品和服務資料及標識的法規及自願性準則的事件總數	N/A 不適用	Our business is to generate green electricity and treat waste water, their sustainability impacts are explored throughout this report. 我們的業務可產生綠色電力和處理污水，其可持續性影響可於本報告內探討。	✓
G4-PR5 G4-PR5	Results or key conclusions of customer satisfaction surveys (based on statistically relevant sample sizes) conducted in the reporting period (根據相關統計樣品量)，於報告期間進行的客戶滿意度調查的結果或主要結論	Our key customers are governments. Currently we do not have satisfaction survey with government departments. We will try to conduct survey with the governments and incorporate in our future sustainability reports 我們的主要客戶為政府。目前我們還沒有向政府部門進行滿意度調查。我們將竭力向政府調查，並納入我們日後的可持續發展報告		✓

SPECIFIC STANDARD DISCLOSURES 具體標準披露				
GRI Indicators GRI指標	GRI General Standard Disclosures GRI一般標準披露	Cross-reference/ Direct answer(s) 相互參考 / 直接回應	Identified Omission(s) and Reason(s) for Omission(s) 確認的遺漏及遺漏原因	External Assurance 外部鑒證
<b>MATERIAL ASPECT: MARKETING COMMUNICATIONS</b> 實質性方面：市場推廣				
G4-DMA	MARKETING COMMUNICATIONS	N/A		✓
G4-DMA	市場推廣	不適用		✓
G4-PR6	Sale of banned or disrupted products	N/A	All the green electricity generated by our energy business is sold to power grid company directly. We do not sell actual product to the market.	✓
G4-PR6	禁售或有爭議產品的銷售	不適用	我們能源業務生產的所有綠色電力直接出售予電力公司。我們並沒有向市場出售實際的產品。	✓
G4-PR7	Total number of incidents of non-compliance with regulations and voluntary codes concerning marketing communications, including advertising, promotion, and sponsorship	We do not have any reported incidents on non-compliance with regulations and voluntary codes concerning marketing communications		✓
G4-PR7	違反有關市場推廣(包括廣告、推銷及贊助)的法規及自願性準則的事件總數	我們並無違反任何有關市場推廣的法規及自願性準則的報導事件		✓
<b>MATERIAL ASPECT: CUSTOMER PRIVACY</b> 實質性方面：客戶隱私				
G4-DMA	CUSTOMER PRIVACY	N/A		✓
G4-DMA	客戶隱私	不適用		✓
G4-PR8	Total number of substantiated complaints received concerning breaches of customer privacy,	We do not have any reported incidents on complaints regarding breaches of customer privacy and losses of customer data		✓
G4-PR8	收到有關侵犯客戶隱私權的投訴總數	我們並無任何有關侵犯客戶隱私權及遺失客戶資料的投訴的報導事件		✓
<b>MATERIAL ASPECT: COMPLIANCE</b> 實質性方面：合規				
G4-DMA	COMPLIANCE	N/A		✓
G4-DMA	合規	不適用		✓
G4-PR9	Total monetary value of significant fines for non-compliance with laws and regulations concerning the provision and use of products and services	N/A	All the green electricity generated by our energy business is sold to power grid company directly. We do not sell actual product to the market.	✓
G4-PR9	如有違反提供及使用產品與服務的有關法律及法規的重大罰款的總金額	不適用	我們能源業務生產的所有綠色電力直接出售予電力公司。我們並沒有向市場出售實際的產品。	✓
<b>G4 SECTOR DISCLOSURES FOR ELECTRIC UTILITIES</b> 關於電力公用事業的G4行業披露				
DMA and Indicators DMA及指標		Cross-reference/Direct answer(s) 相互參考 / 直接回應	Identified Omission(s) and Reason(s) for Omission(s) 確認的遺漏及遺漏原因	External Assurance 外部鑒證
G4-10	Statistics on contractor	Sustainable Economic Growth – Our Business Partner and Suppliers		✓
G4-10	有關承包商的統計	可持續經濟發展－我們的業務伙伴及供應商		✓
G4-11	Percentage of contractor employees working for the reporting organization covered by collective bargaining agreements	N/A	According to the common practice in China, all employees are not covered by collective bargaining agreements.	✓
G4-11	集體談判協議涵蓋為報告機構工作的承包商僱員總數的百分比	不適用	根據中國一般慣例，集體談判協議並非涵蓋所有的僱員。	✓
EU1	Installed capacity, broken down by primary energy source	Sustainable Economic Growth – Our Energy Business; Key Statistics		✓
EU1	按一次能源細分的裝機容量	可持續經濟發展－我們的能源業務：主要數據		✓
EU2	Net energy input broken down by primary energy source	Sustainable Economic Growth – Our Energy Business; Key Statistics		✓
EU2	按一次能源細分的淨能源輸入	可持續經濟發展－我們的能源業務：主要數據		✓
EU3	Number of residential, industrial, institutional and commercial customer accounts	Sustainable Economic Growth – Our Energy Business		✓
EU3	住宅、工業、機構及商業客戶賬戶數目	可持續經濟發展－我們的能源業務		✓
EU4	Length of above and underground transmission and distribution lines	Sustainable Economic Growth – Our Energy Business		✓
EU4	地上及地下輸電及配電線路長度	可持續經濟發展－我們的能源業務		✓
EU5	Allocation of CO <sub>2</sub> e emissions allowances broken down by carbon trading framework	We do not have carbon trading framework in place this year		✓
EU5	按碳交易框架細分的CO <sub>2</sub> e排放量配額	本年度，我們並無碳交易框架		✓
EU10	Planned capacity against projected electricity demand over the long term	Sustainable Economic Growth – Project Highlights		✓
EU10	預計電力需求的長期規劃容量	可持續經濟發展－項目亮點		✓

G4 SECTOR DISCLOSURES FOR ELECTRIC UTILITIES 關於電力公用事業的G4行業披露				
DMA and Indicators DMA及指標		Cross-reference/ Direct answer(s) 相互參考 / 直接回應	Identified Omission(s) and Reason(s) for Omission(s) 確認的遺漏及遺漏原因	External Assurance 外部鑒證
EU11	Average generation efficiency of thermal plants	Sustainable Economic Growth – Our Energy Business		✓
EU11	火電廠的平均發電效能	可持續經濟發展－我們的能源業務		✓
EU12	Transmission and distribution losses	Sustainable Economic Growth – Our Energy Business		✓
EU12	輸配電虧損	可持續經濟發展－我們的能源業務		✓
EU13	Biodiversity of offset habitats compared o the biodiversity of the affected areas	Safeguarding the Environment – Other Environmental Concerns		✓
EU13	與受影響地區的生物多樣性相比的棲息地的生物多樣性	保護環境－其他環境關注		✓
EU15	Percentage of employees eligible to retire in the next 5 and 10 years	Our People – Attracting the Best Talents		✓
EU15	未來5年及10年符合資格退休的僱員比例	我們的僱員－引進領軍人才		✓
EU17	Number of days worked by contractors and subcontractor employees involved in construction, operation and maintenance	We do not collect this data this year. We will try to incorporate it in our future Sustainability Report		✓
EU17	參與建設、運營及維護的承包商及分包商僱員的工作天數	本年度，我們並未收集有關數據，但我們竭力將其納入我們日後的可持續發展報告		✓
EU18	Percentage of contractor and subcontractor employees that have undergone relevant health and safety training	Highlights in 2014		✓
EU18	接受相關健康與安全培訓的承包商及分包商僱員的比例	二零一四年摘要		✓
EU22	Number of people physically or economically displaced and compensation	Community Contribution – Growing with the Local Communities		✓
EU22	因身體或經濟原因無家可歸者的人數	社區貢獻－與當地社區共同成長		✓
EU25	Number of injuries and fatalities to the public involving company assets	Community Contribution – Growing with the Local Communities		✓
EU25	工傷及死亡人數(涉及公司資產)	社區貢獻－與當地社區共同成長		✓
EU26	Percentage of population unserved in licensed distribution or service areas	N/A	All the green electricity generated by our energy business is sold to power grid company directly, hence residential disconnections and power outage are not our concerns.	✓
EU26	在許可配送或服務地區沒有得到服務的人數比例	不適用	我們能源業務生產的所有綠色電力直接出售予電力公司，因此我們並不關注住宅斷電及停電。	✓
EU27	Number of residential disconnections for non-payment	N/A	All the green electricity generated by our energy business is sold to power grid company directly, hence residential disconnections and power outage are not our concerns.	✓
EU27	未支付電費的斷電住宅數目	不適用	我們能源業務生產的所有綠色電力直接出售予電力公司，因此我們並不關注住宅斷電及停電。	✓
EU28	Power outage frequency	N/A	All the green electricity generated by our energy business is sold to power grid company directly, hence residential disconnections and power outage are not our concerns.	✓
EU28	停電頻率	不適用	我們能源業務生產的所有綠色電力直接出售予電力公司，因此我們並不關注住宅斷電及停電。	✓
EU29	Average power outage duration	N/A	All the green electricity generated by our energy business is sold to power grid company directly, hence residential disconnections and power outage are not our concerns.	✓
EU29	平均停電持續時間	不適用	我們能源業務生產的所有綠色電力直接出售予電力公司，因此我們並不關注住宅斷電及停電。	✓
EU30	Average plant availability	Key Statistics		✓
EU30	平均廠房應用率	主要數據		✓
G4-EN1	Material used by weight or volume	N/A	No materials containing PCB are used.	✓
G4-EN1	按重量或體積使用的物料	不適用	沒有使用含有多氯化聯二苯(PCB)的物料。	✓
G4-EN8	Total water withdrawal by source	We do not collect this data this year. We will try to incorporate it in our future Sustainability Report		✓
G4-EN8	按源頭劃分的總耗水量	本年度，我們並沒有收集有關數據，但我們竭力將其納入我們日後的可持續發展報告		✓

G4 SECTOR DISCLOSURES FOR ELECTRIC UTILITIES 關於電力公用事業的G4行業披露				
DMA and Indicators DMA及指標		Cross-reference/ Direct answer(s) 相互參考 / 直接回應	Identified Omission(s) and Reason(s) for Omission(s) 確認的遺漏及遺漏原因	External Assurance 外部鑒證
G4-EN12	Significant impacts of activities, products, and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas	Safeguarding the Environment – Other Environmental Concerns		✓
G4-EN12	在保護區及保護區以外具有重要生物多樣性價值的地區·活動·產品和服務對生物多樣性產生的重大影響	保護環境 – 其他環境關注		
G4-EN15	Direct greenhouse gas emission (Scope 1)	Safeguarding the Environment – Striving for Pollution Reduction and Climate Change Mitigation		✓
G4-EN15	直接溫室氣體排放量(範疇一)	保護環境 – 致力減排及紓緩氣候變化		
G4-EN16	Energy indirect greenhouse gas emissions (Scope 2)	Safeguarding the Environment – Striving for Pollution Reduction and Climate Change Mitigation		✓
G4-EN16	能源間接溫室氣體排放量(範疇二)	保護環境 – 致力減排及紓緩氣候變化		
G4-EN21	NO x, SO x, and other significant air emissions	Safeguarding the Environment – Striving for Pollution Reduction and Climate Change Mitigation		✓
G4-EN21	氮氧化物、硫氧化物及其他主要氣體的排放量	保護環境 – 致力減排及紓緩氣候變化		
G4-EN22	Total water discharged	N/A	We reutilize the heat of our process water for heat exchange, and keep thermal discharges in minimum.	✓
G4-EN22	污水排放總量	不適用	我們再利用生產用水的熱量進行熱量轉換·保持最低的熱量排放。	
G4-EN23	Total weight of waste and disposal method	N/A	No materials containing PCB are used.	✓
G4-EN23	按廢棄方法劃分的廢物總重量	不適用	沒有使用含有多氯化聯二苯(PCB)的物料。	
G4-LA1	Total number and rates of new employee hires and employee turnover	Our People – Attracting the Best Talents		✓
G4-LA1	招聘新僱員及僱員流失的總數及比率	我們的僱員 – 引進領軍人才		
G4-LA6	Type of injury and rates of injury, occupational diseases, lost days, and absenteeism, and total number of work related fatalities	Health and Safety		✓
G4-LA6	工傷類型、工傷率、職業病發生率、損失工作日數、缺值率及工作相關死亡總數	健康與安全		

# ESG GUIDE 環境、社會及管治指引

SUBJECT AREAS, ASPECTS, GENERAL DISCLOSURE AND KEY PERFORMANCE INDICATORS (KPIs) 主題範疇、層面、一般披露及關鍵績效指標		SUSTAINABILITY REPORT 2014 OR OTHER REFERENCES 可持續發展報告2014或其他參考	EXTERNAL ASSURANCE 外部鑒證
<b>A. WORKPLACE QUALITY</b> A. 工作環境質素			
<b>Aspect A1</b> 層面A1	<b>Working Conditions</b> 工作環境		
General Disclosure 一般披露	Information on: (a) the policies; and (b) compliance and material non-compliance with relevant standards, rules and regulations on compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity and other benefits and welfare. 有關薪酬及解僱、招聘及晉升、工作時數、假期、平等機會、多元化以及其他待遇及福利的： (a) 政策；及 (b) 遵守及嚴重違反相關準則、規則及規例的資料。	Our People 我們的僱員	✓
KPI A1.1 關鍵績效指標A1.1	Total workforce by employment type, age group and geographical region. 按僱傭類型、年齡組別及地區劃分的僱員總數。	Our People 我們的僱員	✓
KPI A1.2 關鍵績效指標A1.2	Employee turnover rate by age group and geographical region. 按年齡組別及地區劃分的僱員流失比率。	Our people 我們的僱員	✓
<b>Aspect A2</b> 層面A2	<b>Health and safety</b> 健康與安全		
General Disclosure 一般披露	Information on: (a) the policies; and (b) compliance and material non-compliance with relevant standards, rules and regulations on providing a safe working environment and protecting employees from occupational hazards. 有關提供安全工作環境及保障僱員避免職業性危害的： (a) 政策；及 (b) 遵守及嚴重違反相關準則、規則及規例的資料。	Health and Safety 健康與安全	✓
KPI A2.1 關鍵績效指標A2.1	Number and rate of work-related fatalities. 因工作相關死亡的人數及比率。	Health and Safety 健康與安全	✓
KPI A2.2 關鍵績效指標A2.2	Lost days due to work injury. 因工傷損失工作日數。	Health and Safety 健康與安全	✓
KPI A2.3 關鍵績效指標A2.3	Description of occupational health and safety measures adopted, how they are implemented and monitored. 描述所採納的職業健康與安全措施，以及相關執行及監察的方法。	Health and Safety 健康與安全	✓
<b>Aspect A3</b> 層面A3	<b>Development and training</b> 發展及培訓		
General Disclosure 一般披露	Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities. Training refers to vocational training. It may include internal and external courses paid by the employer. 有關提升僱員履行工作職責的知識及技能的政策。描述培訓活動。 培訓指職業培訓，可包括由僱主付費的內外部課程。	Our People 我們的僱員	✓
KPI A3.1 關鍵績效指標A3.1	The percentage of employees trained by employee category (e.g. senior management, middle management, etc.). 按僱員類別(如高級管理層、中級管理層等)劃分的受訓僱員百分比。	Our People 我們的僱員	✓
KPI A3.2 關鍵績效指標A3.2	The average training hours completed per employee by employee category. 按僱員類別劃分，每名僱員完成受訓的平均時數。	Our People 我們的僱員	✓
<b>Aspect A4</b> 層面A4	<b>Labor standards</b> 勞工準則		
General Disclosure 一般披露	Information on: (a) the policies; and (b) compliance and material non-compliance with relevant standards, rules and regulations on preventing child or forced labor 有關防止童工或強制勞工的： (a) 政策；及 (b) 遵守及嚴重違反相關準則、規則及規例的資料。	Our People 我們的僱員	✓
KPI A4.1 關鍵績效指標A4.1	Description of measures to review employment practices to avoid child and forced labor. 描述檢討招聘慣例的措施以避免童工及強制勞工。	Our People 我們的僱員	✓
KPI A4.2 關鍵績效指標A4.2	Description of steps taken to eliminate such practices when discovered. 描述在發現違規情況時消除有關情況所採取的步驟。	Our People 我們的僱員	✓



SUBJECT AREAS, ASPECTS, GENERAL DISCLOSURE AND KEY PERFORMANCE INDICATORS (KPIs) 主題範疇、層面、一般披露及關鍵績效指標		SUSTAINABILITY REPORT 2014 OR OTHER REFERENCES 可持續發展報告2014或其他參考	EXTERNAL ASSURANCE 外部鑒證
<b>B. ENVIRONMENTAL PROTECTION</b> B. 環境保護			
<b>Aspect B1</b> 層面B1	<b>Emissions</b> 排放物		
General Disclosure 一般披露	Information on: (a) the policies; and (b) compliance and material non-compliance with relevant standards, rules and regulations on air and greenhouse gas emissions, discharges into water and land, generation of hazardous and non-hazardous wastes, etc. Air emissions include NOX, SOX, and other pollutants regulated under national laws and regulations. Greenhouse gases include carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride. Hazardous wastes are those defined by national regulations. 有關廢氣及溫室氣體排放、向水及土地的排污、有害及無害廢棄物的產生等的： (a) 政策；及 (b) 遵守及嚴重違反相關準則、規則及規例的資料。 廢氣排放包括氮氧化物、硫氧化物及其他受國家法律及規例規管的污染物。 溫室氣體包括二氧化碳、甲烷、氧化亞氮、氫氟碳化物、全氟化碳及六氟化硫。 有害廢棄物指國家規例所界定者。	Safeguarding the Environment  保護環境	✓
KPI B1.1 關鍵績效指標B1.1	The types of emissions and respective emissions data. 排放物種類及相關排放數據。	Safeguarding the Environment Key Statistics 保護環境 主要數據	✓
KPI B1.2 關鍵績效指標B1.2	Greenhouse gas emissions in total (in tonnes) and where appropriate, intensity (e.g. per unit of production volume, per facility). 溫室氣體總排放量(以噸計算)及(如適用)密度(如以每產量單位、每項設施計算)。	Safeguarding the Environment Key Statistics 保護環境 主要數據	✓
KPI B1.3 關鍵績效指標B1.3	Total hazardous waste produced (in tonnes) and where appropriate, intensity (e.g. per unit of production volume, per facility). 所產生有害廢棄物總量(以噸計算)及(如適用)密度(如以每產量單位、每項設施計算)。	Safeguarding the Environment 保護環境	✓
KPI B1.4 關鍵績效指標B1.4	Total non-hazardous waste produced (in tonnes) and where appropriate, intensity (e.g. per unit of production volume, per facility). 所產生無害廢棄物總量(以噸計算)及(如適用)密度(如以每產量單位、每項設施計算)。	Safeguarding the Environment Summary of Statistics 保護環境 統計數據概述	✓
KPI B1.5 關鍵績效指標B1.5	Description of measures to mitigate emissions and results achieved. 描述減低排放量的措施及所得成果。	Safeguarding the Environment 保護環境	✓
KPI B1.6 關鍵績效指標B1.6	Description of how hazardous and non-hazardous wastes are handled, reduction initiatives and results achieved. 描述如何處理有害及無害廢棄物、減低產生量的措施及所得成果。	Safeguarding the Environment 保護環境	✓
<b>Aspect B2</b> 層面B2	<b>Use of resources</b> 資源使用		
General Disclosure 一般披露	Policies on efficient use of resources including energy, water and other raw materials. Resources may be used in production, in storage, transportation, in buildings, electronic equipment, etc. 有效使用資源(包括能源、水及其他原材料)的政策。 資源可用於生產、儲存、交通、樓宇、電子設備等。	Safeguarding the Environment  保護環境	✓
KPI B2.1 關鍵績效指標B2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility). 按類型劃分直接及 / 或間接的能源(如電、氣或油)總耗量(以每千秒千瓦時計算)及密度(如以每產量單位、每項設施計算)。	Key Statistics 主要數據	✓
KPI B2.2 關鍵績效指標B2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility). 總耗水量及密度(如以每產量單位、每項設施計算)。	Safeguarding the Environment 保護環境	✓
KPI B2.3 關鍵績效指標B2.3	Description of energy use efficiency initiatives and results achieved. 描述能源使用效益計劃及所得成果。	We have adopted sound sensor as well as wind-solar hybrid lighting equipment and streetlights at our project site to reduce energy consumption. 我們已通過在項目現場採用聲音傳感器以及風光互補照明設備及路燈，以減少能耗。	✓
KPI B2.4 關鍵績效指標B2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency initiatives and results achieved. 描述求取適用水源上可有任何問題，以及提升用水效益計劃及所得成果。	Safeguarding the Environment 保護環境	✓
KPI B2.5 關鍵績效指標B2.5	Total packaging material used for finished products (in tonnes), and if applicable, with reference to per unit produced. 就製成品所用包裝材料的總量(以噸計算)及(如適用)每生產單位佔量。	Not applicable. 不適用。	✓
<b>Aspect B3</b> 層面B3	<b>The environment and natural resources</b> 環境及天然資源		

SUBJECT AREAS, ASPECTS, GENERAL DISCLOSURE AND KEY PERFORMANCE INDICATORS (KPIs) 主題範疇、層面、一般披露及關鍵績效指標		SUSTAINABILITY REPORT 2014 OR OTHER REFERENCES 可持續發展報告2014或其他參考	EXTERNAL ASSURANCE 外部鑒證
General Disclosure 一般披露	Policies on minimising the operation's significant impact on the environment and natural resources. 減低營運對環境及天然資源的重大影響的政策。	Safeguarding the Environment 保護環境	✓
KPI B3.1 關鍵績效指標B3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them. 描述活動對環境及天然資源的重大影響及已採取管理有關影響的行動。	Safeguarding the Environment 保護環境	✓
<b>C. OPERATING PRACTICES</b> <b>C. 營運慣例</b>			
<b>Aspect C1</b> <b>層面C1</b>	<b>Supply chain management</b> <b>供應鏈管理</b>		
General Disclosure 一般披露	Policies on managing environmental and social risks of supply chain. 管理供應鏈的環境及社會風險政策。	Sustainable Economic Growth 可持續經濟發展	✓
KPI C1.1 關鍵績效指標C1.1	Number of suppliers by geographical region. 按地區劃分的供應商數目。	Sustainable Economic Growth 可持續經濟發展	✓
KPI C1.2 關鍵績效指標C1.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, how they are implemented and monitored. 描述有關聘用供應商的慣例，向其執行有關慣例的供應商數目，以及有關慣例的執行及監察方法。	Sustainable Economic Growth 可持續經濟發展	✓
<b>Aspect C2</b> <b>層面C2</b>	<b>Product responsibility</b> <b>產品責任</b>		
General Disclosure 一般披露	Information on: (a) the policies; and (b) compliance and material non-compliance with relevant standards, rules and regulations on health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress. 有關所提供產品和服務的健康與安全、廣告、標籤及私隱事宜以及補救方法的： (a) 政策；及 (b) 遵守及嚴重違反相關準則、規則及規例的資料。	Health and Safety 健康與安全	✓
KPI C2.1 關鍵績效指標C2.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons. 已售或已運送產品總數中因安全與健康理由而回收的百分比。	Not applicable. 不適用。	✓
KPI C2.2 關鍵績效指標C2.2	Number of products and service related complaints received and how they are dealt with. 接獲關於產品及服務的投訴數目以及應對方法。	We do not report on this indicator. 我們並沒有報告此指標。	✓
KPI C2.3 關鍵績效指標C2.3	Description of practices relating to observing and protecting intellectual property rights. 描述與維護及保障知識產權有關的慣例。	We do not report on this indicator. 我們並沒有報告此指標。	✓
KPI C2.4 關鍵績效指標C2.4	Description of quality assurance process and recall procedures. 描述質量檢定過程及產品回收程序。	We do not report on this indicator. 我們並沒有報告此指標。	✓
KPI C2.5 關鍵績效指標C2.5	Description of consumer data protection and privacy policies, how they are implemented and monitored. 描述消費者資料保障及私隱政策，以及相關執行及監察方法。	Sustainable Economic Growth 可持續經濟發展	✓
<b>Aspect C3</b> <b>層面C3</b>	<b>Anti-corruption</b> <b>反貪污</b>		
General Disclosure 一般披露	Information on: (a) the policies; and (b) compliance and material non-compliance with relevant standards, rules and regulations on bribery, extortion, fraud and money laundering. 有關防止賄賂、勒索、欺詐及洗黑錢的： (a) 政策；及 (b) 遵守及嚴重違反相關準則、規則及規例的資料。	Sustainable Economic Growth 可持續經濟發展	✓
KPI C3.1 關鍵績效指標C3.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases. 於報告期間對發行人或其僱員提出並已審結的貪腐訴訟案件的數目及訴訟結果。	Sustainable Economic Growth 可持續經濟發展	✓
KPI C3.2 關鍵績效指標C3.2	Description of preventive measures and whistle-blowing procedures, how they are implemented and monitored. 描述防範措施及舉報程序，以及相關執行及監察方法。	Sustainable Economic Growth 可持續經濟發展	✓
<b>D. COMMUNITY INVOLVEMENT</b> <b>D. 社區參與</b>			
<b>Aspect D1</b> <b>層面D1</b>	<b>Community investment</b> <b>社區投資</b>		
General Disclosure 一般披露	Policies on community engagement to understand the community's needs where it operates and to ensure its activities take into consideration communities' interests. 有關以社區參與來了解營運所在社區需要和確保其活動會考慮社區利益的政策。	Community Contribution 社區貢獻	✓
KPI D1.1 關鍵績效指標D1.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport). 專注貢獻範疇(如教育、環境事宜、勞工需求、健康、文化、體育)。	Community Contribution 社區貢獻	✓
KPI D1.2 關鍵績效指標D1.2	Resources contributed (e.g. money or time) to the focus area. 在專注範疇所動用資源(如金錢或時間)。	Community Contribution 社區貢獻	✓

CHINA EVERBRIGHT INTERNATIONAL LIMITED  
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