



北控清潔能源集團有限公司

Beijing Enterprises Clean Energy Group Limited

(Incorporated in the Cayman Islands with limited liability)

(於開曼群島註冊成立的有限公司)

Stock Code 股份代號: 01250

Environmental, Social and Governance Report

環境、社會及管治報告

2016



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About this Report 關於本報告

This is the first Environmental, Social and Governance (“ESG”) report (the “Report”) of Beijing Enterprises Clean Energy Group Limited (the “Company” or “BECE”, and together with its subsidiaries, the “Group”). The Report outlines our commitment and strategies to sustainability, and elaborates our performance in environmental contributions, employee relation, supply chain management, occupational health and safety, and social investments of the core business of the Company (i.e. photovoltaic power and wind power businesses). The reporting period is from 1 January 2016 to 31 December 2016.

BECE engaged an independent third party consultant to conduct comprehensive communication with the Group’s stakeholders, such that the information covered by the Report meets the four principles, namely materiality, quantitative, balance and consistency, as required by The Stock Exchange of Hong Kong Limited (the “Stock Exchange”). The Report was prepared in accordance with the ESG Reporting Guide set out in Appendix 27 of the Rules Governing the Listing of Securities on the Stock Exchange.

If you have any questions or comments about our first ESG report, please contact us by email at ir@bece.com.hk.

本報告是北控清潔能源集團有限公司（「本公司」或「北控清潔能源」，連同其附屬公司統稱為「本集團」）的首份環境、社會及管治報告（「本報告」）。本報告旨在概述我們在可持續發展方面的承諾及策略，並闡釋本公司核心業務（即光伏發電及風電業務）在環境貢獻、員工關係、供應鏈管理、職業健康與安全以及社會投資方面的績效。匯報期為2016年1月1日至2016年12月31日。

北控清潔能源聘用獨立第三方顧問與本集團持份者進行全面溝通，力求本報告涵蓋之資料符合香港聯合交易所有限公司（「聯交所」）對本報告之重要性、量化、平衡性及一致性之四項原則要求。本報告是根據聯交所證券上市規則附錄二十七所載的《環境、社會及管治報告指引》編製。

如對我們的首份環境、社會及管治報告有任何疑問或意見，歡迎電郵至ir@bece.com.hk聯絡我們。

Message from the Chairman 主席寄語

We are delighted to present our first ESG report for the year ended 31 December 2016. From now on, we will publish ESG report every year to share our sustainability commitment, initiatives and achievement with our stakeholders.

2016 was a prosperous year for BECE. Following the promotion of renewable energy by the Chinese government and the progressive implementation of various national policy on photovoltaic sector, we have rapidly expanded our scale of high quality clean energy assets base, and proactively explores the opportunities in various clean energy areas, including but not limited to energy storage, micro-grid network, electricity sales, geothermal power generation and regional energy systems on the foundation of our existing businesses of centralised ground-mounted and grid-connected photovoltaic power plants, distributed photovoltaic power plants and wind power business.

Our photovoltaic power business achieved a rapid development and by ways of self-development, joint development and acquisitions, the aggregate capacity of grid-connected photovoltaic power plants and photovoltaic power plants under construction achieved over 2,000 megawatt ("MW") with over 40 projects as at 31 December 2016. At 31 December 2016, the aggregate on-grid capacity of centralised ground-mounted photovoltaic power plants held by the Group was close to 1,000MW, locating mainly in Hebei Province, Anhui Province, Henan Province, Shandong Province and Shaanxi Province. Apart from the photovoltaic power business, we successfully acquired our first wind power project which is located at Binzhou City, Shandong Province, with an aggregate installed capacity of 48MW. Meanwhile, we had also been awarded with four photovoltaic power plant projects under the top runner program with an aggregate capacity of 300MW and ranked as top three among the industry in 2016. We continue to adhere closely to our strategic layout of "photovoltaic and diversification", "domestic and abroad" and "ground-mounted and distributed photovoltaic power plants". We are a young company but in a short time we have already been recognised as a dark horse in the market.

我們欣然呈遞我們截至2016年12月31日止年度的首份環境、社會及管治報告。我們今後將每年發佈環境、社會及管治報告，與持份者分享我們的可持續發展承諾、舉措及成就。

2016年是北控清潔能源的豐收年。隨著中國政府積極推廣可再生能源及國家多項光伏政策的逐漸落實，我們快速擴張優質清潔能源資產規模，並在集中式地面併網光伏電站、分佈式光伏電站及風電業務基礎上積極探索包括儲能、微電網、售電、地熱、區域能源等多個清潔能源領域。

我們的光伏發電業務發展迅速，截至2016年12月31日，通過自主開發、聯合開發及收購等形式實現併網及在建光伏電站的裝機容量超過2,000兆瓦，項目超過40個，其中已持有集中式地面併網光伏電站併網裝機容量近1,000兆瓦，主要分佈於河北省、安徽省、河南省、山東省、陝西省等省份。除光伏發電業務外，我們實現第一個風電項目落地。該項目位於山東省濱州市，總裝機容量為48兆瓦。同時，我們亦中標光伏領跑者基地項目中的四個光伏電站項目，總容量為300兆瓦，位列2016年度行業前三。我們繼續嚴格秉承「光伏+多元」、「國內+國際」及「地面+分佈式」的戰略佈局。我們是一家年輕的公司，但已在短時間內一躍成為市場的一匹黑馬。



Message from the Chairman 主席寄語

While we are striving to achieve our business goals and provide a reasonable returns to our shareholders, we also fully recognises the importance as an enterprise to commit and take responsibilities on different aspects of the environment, the society and the governance, and will actively and extensively make these in practice in the course of business operations. We are currently preparing our environmental, health and safety (EHS) management system, which is expected to be ready by end of 2017. This management system will be used to manage all relevant environmental, health and safety aspects, fulfill compliance obligations, and address all related environmental, health and safety risks and opportunities at both corporate and project levels. We believe the upcoming EHS management system will further enhance our management level and strengthen our operation efficiency.

We will focus on the long-term and systematic construction of corporate brands, and incorporate social responsibility measures in corporate culture and values, as well as striving for the unification of corporate efficiency and effectiveness and the social responsibility, to create maximum values for the economy, the society and the environment so as to enable a harmonious and sustainable development for BECE and the society. As a corporate citizen, we are accountable to all our stakeholders and views the close relationship with employees, shareholders, customers, business and community partners as the cornerstone for our sustainable growth and future success.

在努力實現業務目標並為股東創造合理回報的同時，我們亦深刻理解企業對環境、社會及管治方面肩負著不同層面的責任和承諾，並將繼續在企業經營中積極且廣泛地進行實踐。我們正在籌備環境、健康及安全管理系統，預計將於2017年年底之前落實。該管理系統將用於管理環境、健康及安全方面的所有相關事宜，履行合規義務，並應對所有在企業及項目層面上關於環境、健康及安全的風險和機遇。我們相信，即將落實的環境、健康及安全管理系統將進一步提升我們的管理水平，提高營運效率。

我們將推動企業品牌的長期、系統性建設，並將社會責任理念有效融入到企業文化和價值觀之中，追求企業效益和社會責任的統一，使經濟、社會和環境價值最大化，使得北控清潔能源與社會共同和諧、可持續發展。作為企業公民，我們對所有持份者負責，並視與員工、股東、客戶、商業及社區合作夥伴的緊密關係為持續發展及日後成功的基石。

Message from the Chairman 主席寄語

Looking forward, we will continue to hold on to the principles of “being responsible, having values and being sharing” and its development strategy on “focusing on the photovoltaic power business as the core business, supporting by other clean energy businesses to create synergy effects on the clean energy businesses”, and leverage our comprehensive capabilities to further develop our asset base with high quality photovoltaic power plant projects and other clean-energy assets including wind power projects. We will take proactive actions to seize the opportunities arising from China’s Belt and Road Initiative and the 13th Five-Year Plan and explore investment opportunities in overseas markets.

HU Xiaoyong

Chairman

Hong Kong

展望未來，我們將繼續秉持「有擔當、有價值、有分享」的價值觀，堅持「以光伏為主、多種清潔能源耦合互補」的發展思路，充分發揮我們的綜合實力優勢，擴大優質光伏電站項目及風電等清潔能源資產規模。我們將採取積極措施，抓住中國「一帶一路」及「十三五規劃」帶來的機遇，探索海外市場的投資機會。

胡曉勇

主席

香港



About BECE 關於北控清潔能源

COMPANY BACKGROUND

BECE is publicly listed on the Main Board of the Stock Exchange with three major shareholders including Beijing Enterprises Water Group Limited, the private funds managed by Citic Private Equity Funds Management Co., Ltd. and 啟迪控股股份有限公司 (Tus-Holdings Co., Ltd.*). BECE is principally engaged in the investment, development, construction, operation and management of photovoltaic power plants, photovoltaic power-related businesses and wind power-related businesses and the design, printing and sale of cigarette packages in the People's Republic of China (the "PRC"). Adhering to the Group's strategic layout of "photovoltaic and diversification", "domestic and abroad" and "ground-mounted and distributed photovoltaic", our operations have a significant presence in over 20 provinces in China.

PHOTOVOLTAIC POWER BUSINESS

Our photovoltaic power business involves investment, development, construction, operation and management of centralised and distributed photovoltaic projects, provision of engineering, procurement and construction services for photovoltaic power-related projects, and technical consultancy services in relation to photovoltaic power-related businesses; and trading of photovoltaic power. In 2016, we provided construction services for 18 photovoltaic power-related projects with an aggregate capacity of over 650MW.

公司背景

北控清潔能源於聯交所主板上市，三大股東包括北控水務集團有限公司、中信產業投資基金管理有限公司管理之私募基金及啟迪控股股份有限公司。北控清潔能源主要在中華人民共和國（「中國」）從事投資、開發、建造、營運及管理光伏發電站、光伏發電相關業務及風力發電相關業務、以及設計、印刷及銷售香煙包裝。秉承本集團「光伏+多元」、「國內+國際」及「地面+分佈式」的戰略佈局，我們於中國20多個省份擁有業務重要據點。

光伏發電業務

我們的光伏發電業務涉及投資、開發、建造、營運及管理集中式及分佈式光伏項目，為光伏發電相關項目提供工程、採購及建造服務以及提供與光伏發電相關業務有關的技術諮詢服務；以及光伏發電貿易。於2016年，我們為18個總容量超過650兆瓦的光伏發電相關項目提供建造服務。

About BECE 關於北控清潔能源

By means of self-development, joint development and acquisitions, the aggregate capacity of grid-connected photovoltaic power plants and photovoltaic power plants under construction reached 2,000MW with over 40 projects as at 31 December 2016. At 31 December 2016, the aggregate on-grid capacity of centralised ground-mounted photovoltaic power plants held by the Group was close to 1,000MW, locating mainly in Hebei Province, Anhui Province, Henan Province, Shandong Province and Shaanxi Province.

截至2016年12月31日，通過自主開發、聯合開發及收購等形式實現併網及在建光伏電站的裝機容量達2,000兆瓦，項目超過40個，其中已持有集中式地面併網光伏電站併網裝機容量近1,000兆瓦，主要分佈於河北省、安徽省、河南省、山東省、陝西省等省份。



Hebei Yu County Photovoltaic Power Plant Project – BECE's first self-developed photovoltaic power plant

河北蔚縣光伏發電項目-北控清潔能源首座自主開發的光伏電站

Yunnan Dali Innovation Zone Yangmeiping Project, Phase I – BECE's first photovoltaic power plant using high concentrating photovoltaic parts

雲南大理創新園區楊梅坪項目（一期）-北控清潔能源首座使用高倍聚光組件的光伏電站



About BECE 關於北控清潔能源



Qi County Miaokou Baisi Village Hillside
Photovoltaic Power Plant Project
淇縣廟口鎮白寺村荒山光伏發電站項目



First agro-photovoltaic power project in
Shanghe County, Shandong Province
山東省商河縣首個農業光伏發電項目

OTHER CLEAN ENERGY BUSINESSES

Beyond the photovoltaic power business, the Group actively explores other clean energy businesses, including energy storage, micro-grid network, electricity sales, wind power, geothermal power generation and regional energy systems. For instance, the Group acquired 100% equity interest in a 48MW wind power plant during the reporting year.

其他清潔能源業務

除光伏電業務外，本集團積極拓展其他清潔能源業務，包括儲能、微電網、電力銷售、風電、地熱及區域能源系統。例如，本集團於報告年度收購一個48兆瓦風力發電站的全部股權。

CORPORATE CULTURE

While developing the photovoltaic power business and other clean energy business, we uphold the corporate social responsibility with regards to technology innovation, environmental protection and human well-being enhancement. Being a responsible company, we have a high level of social responsibility. We are confident that we can embrace the blue sky and clean ocean in the near future by developing clean energy continuously.

Our Values

- Being responsible
- Having values
- Being sharing

Our Visions

- Gain the trust of the government
- Maintain sustainable business growth
- Create benefit for employees
- Achieve success with business partners

Our Missions

- Provide a platform for our employees to achieve goals
- Provide excellent services to our customers
- Share ideas and practices with our business partners
- Facilitate eco-balance and harmonious development in human society

企業文化

在拓展光伏發電項目及其他清潔能源業務同時，我們以技術創新、環境保護及造福人類作為企業的社會責任。作為富有責任心的企業，我們具有高度社會責任感。我們相信，通過持續不斷地開發清潔能源，我們定可在不久的將來擁抱碧水藍天。

我們的價值觀

- 有擔當
- 有價值
- 有分享

我們的願景

- 贏得政府信任
- 保持持續業務增長
- 為員工創造利益
- 與業務夥伴實現共贏

我們的使命

- 為員工提供實現目標的平台
- 向客戶提供優質服務
- 與業務夥伴分享理念與實踐
- 促進人類社會的生態平衡與和諧發展



About BECE 關於北控清潔能源

AWARDS AND RECOGNITION

During the reporting period, we constantly brought forth new ideas and contributed to the development of clean energy for society. Our efforts and innovative ideas have been recognised by various organisations as follows:

獎勵及認可

於匯報期內，我們不斷創新，為推動社會清潔能源的發展作出了貢獻。我們的努力及創新理念受到多個組織的認可，如下所示：



Organisation 組織	Award/Recognition 獎勵／認可	Awarded Unit 授予單位
CSPIN	2016 1st National Distributive Photovoltaic Application Innovative Gold Award – The Best BAPV Installation Technology Gold Award*	BECE
太陽能發電網	2016首届全國分佈式光伏應用創新金獎—最佳BAPV安裝技術金獎	北控清潔能源

Organisation 組織	Award/Recognition 獎勵／認可	Awarded Unit 授予單位
China Energy Development and Innovation Conference Committee*	2016 Energy Development Outstanding Award in China*	BECE
中國能源發展與創新論壇組委會	2016年度中國能源黑馬獎	北控清潔能源



* for identification purpose only

* 僅供識別

About BECE 關於北控清潔能源



Organisation 組織

China Energy Development and Innovation Conference Committee*
中國能源發展與創新論壇組委會

Award/Recognition 獎勵／認可

2016 Innovative Energy Development Entrepreneur in China*
2016年度中國能源創新企業家

Awarded Unit 授予單位

Mr. Wang Ye,
Executive Director,
BECE
北控清潔能源
執行董事王野先生

Organisation 組織

China Photovoltaic Top Runner Program Innovation Conference*
中國光伏領跑者創新論壇

Award/Recognition 獎勵／認可

2016 Technical Innovation and Contribution Award (The application and maintenance of "photovoltaic fish-bellied truss")*
2016年度技術創新貢獻獎
(魚腹式鎖桁架應用與維護)

Awarded Unit 授予單位

BECE
北控清潔能源



Organisation 組織

China Photovoltaic Top Runner Program Innovation Conference*
中國光伏領跑者創新論壇

Award/Recognition 獎勵／認可

2016 Outstanding Contribution Award*
2016年度傑出貢獻獎

Awarded Unit 授予單位

BECE
北控清潔能源

- * for identification purpose only
- * 僅供識別

Our Sustainability Approach 我們的可持續發展策略

CORPORATE GOVERNANCE

We embrace a high standard of corporate governance in order to achieve sustainable development and enhance corporate performance. We have established a robust governance structure to ensure the transparency and accountability of the Group's operations. By achieving this, we can safeguard the interest of stakeholders regarding business and ESG risks.

The Board of Directors (the "Board") is the top governance body in BECE. The Board is currently composed of eight directors, including five executive directors and three independent non-executive directors. A board diversity policy has been adopted to ensure a balance of skills, experience and diversity of perspectives to the requirements of the Group's business. The Board is responsible for formulating and providing direction for the Group's corporate strategy and business development. ESG-related issues are taken into account while formulating business strategies, which can help protect the interests of BECE and our stakeholders. Under the Board, there are three board committees to strengthen its functions and corporate governance practices, including the audit committee, nomination committee and remunerations committee. Among them, the audit committee is mainly responsible for monitoring the integrity of the Company's financial issues and reviewing the Group's risk management and internal control systems to minimise the risk in our business.

企業管治

我們秉持高水平的企業管治，以實現可持續發展並提升企業表現。我們已建立健全的管治架構，確保本集團業務的透明度及問責性。通過實現這一目標，我們可保障持份者於有關業務以及環境、社會及管治風險方面的利益。

董事會（「董事會」）是北控清潔能源的最高管治機構。董事會現由八名董事組成，包括五名執行董事及三名獨立非執行董事。我們已採納董事會成員多元化政策，以確保其因應本集團業務的需要擁有均衡的技能、經驗以及多樣化觀點。董事會負責制定本集團的企業策略，並為業務發展提供方向。在制定業務策略時會考慮與環境、社會及管治相關的問題，有助於保護北控清潔能源及持份者的利益。為加強董事會之職能及企業管治實務，其下設三個董事委員會，包括審核委員會、提名委員會及薪酬委員會。其中，審核委員會主要負責監察本公司財務問題的誠信以及檢討本集團的風險管理及內部監控系統，以盡量減少我們的業務風險。

Our Sustainability Approach 我們的可持續發展策略

INTEGRITY

We are committed to preventing bribery, extortion, fraud and money laundering and complying with the applicable laws and regulation in Hong Kong and the PRC such as the Prevention and Bribery Ordinance (Cap.201). Our commitment is encapsulated in our internal audit policy. For example, to promote integrity throughout the supply chain, the tendering process is monitored by multiple departments, including supply chain department, technical department, engineering department and audit and supervision department. The selected suppliers are required to sign supplier honesty and integrity agreements to ensure they will follow our code of conducts and conduct business with integrity.

In addition to our supply chain management, our employees are required to uphold a high level of ethics and integrity. Any kind of malpractice that contravenes the business ethics is prohibited in the Company. For instance, forgery for self-benefit is forbidden in our business. We have a well-established whistle-blowing mechanism in the Company. Our employees are encouraged to report suspected misconduct to their department head and disciplinary department. Employees will be subjected to disciplinary actions if they are proven guilty after a prompt and thorough investigation.

During the reporting period, there were no cases of corruption reported.

誠信

我們致力防止賄賂、勒索、欺詐及洗黑錢的行為，並遵守香港及中國內地相關之適用法律法規，如《防止賄賂條例》(第201章)。我們的承諾包含在我們的內部審計政策之中。例如，為促進整個供應鏈的誠信，招標過程由供應鏈管理部門、技術部門、工程部門及審計監管部門等多個部門進行監督。經選定供應商須簽署供應商誠實守信協議，確保供應商遵循我們的行為守則，誠信經營。

除供應鏈管理外，我們的員工必須秉承高水平的道德和誠信。本公司禁止任何違反商業道德的不法行為。例如，我們的業務禁止為圖一己私利進行的偽造行為。本公司設有完善的舉報機制，鼓勵員工向部門主管及紀檢部門報告可疑的不當行為。如在進行迅速徹底的調查後證實員工有錯，則有關員工將受到紀律處分。

於匯報期間並未存在貪污案件之匯報。



Our Sustainability Approach 我們的可持續發展策略

SUPPLY CHAIN MANAGEMENT

The Group's major suppliers include industry-leading manufacturers of power plant equipment, construction contractors and technical service providers. To maintain the high quality of our power generation business, we have formulated a robust supplier management system. All of the Group's suppliers are required to pass on-site, performance and project application assessments. In the selection process, the Group carried out on-site visits to review the production process of potential suppliers, ensuring that their operation procedures are up to standard. All selected suppliers are subjected to performance assessment on a regular basis. In case of serious safety and pollution incidents, the responsible company will be eliminated from our supplier list. In 2016, we engaged around 250 suppliers for the photovoltaic power and wind power businesses, all of them were from Mainland China.

Upholding corporate social responsibility, we promote sustainability throughout the supply chain. Apart from product and service quality, our suppliers' environmental and social performances are also taken into consideration. In the selection process, we require potential suppliers to provide evidence for environmental and occupational health and safety management system certifications (ISO 14001 and OHSAS 18001). In addition to a management system, construction tenderers are required to submit their environmental protection plans which should cover the utilisation and disposal methods for construction waste, water, air and noise protection and mitigation measures, and hygienic facilities and measures, etc. We also attach importance to the health and safety of our suppliers' employees. Contractors should appoint safety management engineers to oversee health and safety issues. Safety measures should be properly implemented to minimise health and safety risk in the workplace.

供應鏈管理

本集團的主要供應商包括行業領先電站設備製造商、建築承包商及技術服務提供商。為保持發電業務的高質素，我們已制定健全的供應商管理系統。本集團的所有供應商均須通過現場、績效及項目申請評估。在遴選過程中，本集團進行現場考察，審查潛在供應商的生產流程，確保其操作程序達標。所有經選定供應商須定期接受績效評估。倘出現嚴重的安全及污染事件，有關公司將從我們的供應商名單中剔除。2016年，我們在光伏發電及風電業務上，合作的供應商大約有250個，全部都是來自中國內地。

我們堅持履行企業社會責任，促進整個供應鏈的可持續發展。除了產品及服務質素外，我們亦會考慮供應商的環境及社會績效。在遴選過程中，我們要求潛在供應商提供環境和職業健康與安全管理體系認證 (ISO 14001及OHSAS 18001) 的證據。除管理體系外，建設工程投標者須提交環保計劃，其中應包括建築廢物的利用和處置方法、水、空氣及噪音防止及緩解措施以及衛生設施和措施等。我們亦重視供應商員工的健康和安全。承包商應委任安全管理工程師監督健康和安全管理問題。應妥善實施安全措施，盡量減少工作場所的健康和安全風險。

Our Sustainability Approach 我們的可持續發展策略

STAKEHOLDER ENGAGEMENT AND MATERIALITY ANALYSIS

Our stakeholders' opinions are crucial for our business to grow sustainably. We regularly engages a wide variety of stakeholders including employees, shareholders and investors, customers, suppliers, contractors, government entities, industry partner, media and the community. During the stakeholder engagement exercise, we obtained useful feedback on issues related to the economy, the environment, workplace practices, society, and product responsibility which in turn will help us to make informed decisions.

The ongoing stakeholder engagement exercises for various stakeholder groups are tabulated as below:

持份者溝通及重要範疇分析

我們持份者的意見對於我們業務的可持續發展至關重要。我們定期與包括員工、股東及投資者、客戶、供應商、承包商、政府實體、行業合作夥伴、媒體及社區在內的眾多持份者溝通。在與持份者的溝通中，我們獲得了與經濟、環境、工作場所活動、社會及產品責任相關問題的有用反饋，從而有助於我們作出明智的決策。

與各個持份者組別持續進行的持份者溝通活動載於下表：

Stakeholder group 持份者組別	Communication channel 溝通渠道	Frequency 頻率
Employees 員工	Group and departmental meeting 集團及部門會議	Irregular 不定期
	Annual staff meeting 年度員工大會	Annual 每年
	Survey 問卷調查	Annual 每年
	Internal circular via email 通過電子郵件發出的內部通訊	Irregular 不定期
	Internal training 內部培訓	Irregular 不定期

Our Sustainability Approach 我們的可持續發展策略

Stakeholder group 持份者組別	Communication channel 溝通渠道	Frequency 頻率
Shareholders and investors 股東及投資者	Annual general meeting 股東週年大會 Interim and annual reports 中期及年度報告 Investors' meeting 投資者會議 Press releases and announcements 新聞稿及公告 On-site visit 現場考察	Annual 每年 Bi-annual 每年兩次 Irregular 不定期 Irregular 不定期 Irregular 不定期
Customers 客戶	Customer meeting 客戶會議 Survey 問卷調查 On-site visit 現場考察	Irregular 不定期 Annual 每年 Irregular 不定期
Suppliers 供應商	Supplier meeting 供應商會議 Survey 問卷調查 Seminar 研討會 On-site visit 現場考察	Irregular 不定期 Annual 每年 Irregular 不定期 Irregular 不定期

Our Sustainability Approach 我們的可持續發展策略

Stakeholder group 持份者組別	Communication channel 溝通渠道	Frequency 頻率
Contractors 承包商	Contractor meeting 承包商會議	Irregular 不定期
	Survey 問卷調查	Annual 每年
	Seminar 研討會	Irregular 不定期
	On-site visit 現場考察	Irregular 不定期
Government entities 政府實體	Government meeting 政府會議	Irregular 不定期
	Survey 問卷調查	Annual 每年
	On-site visit 現場考察	Irregular 不定期
Industry partners 行業合作夥伴	Industry partner meeting 行業合作夥伴會議	Irregular 不定期
	Survey 問卷調查	Annual 每年
	Seminar 研討會	irregular 不定期
	On-site visit 現場考察	Irregular 不定期
Media 媒體	Press releases and announcements 新聞稿及公告	Irregular 不定期
Community partners 社區合作夥伴	Survey 問卷調查	Annual 每年
	Participation in charitable events 參與慈善活動	Irregular 不定期

Our Sustainability Approach 我們的可持續發展策略

We have commissioned an independent third party consultant to conduct a stakeholder engagement exercise to better align the Report with the expectations of our stakeholders and the Group's ESG impacts. We have thoughtfully identified which groups of stakeholders are important to and affected by our business operation. We invited our stakeholders to provide feedback on a range of ESG issues for BECE through an anonymous survey, with an aim to understand their priorities and perceptions regarding the sustainability aspects important to our business. The survey results established a foundation for us to define the focuses of the report. They also serve as a reference for top management to develop our long-term ESG strategies.

The following material issues were identified as a result of the stakeholder engagement exercise:

我們已委託獨立第三方顧問進行持份者溝通工作，以更好地將本報告與持份者的期望及本集團的環境、社會及管治影響相匹配。我們慎重地確定了對我們的業務營運至關重要並受我們業務營運影響的各組持份者。我們通過匿名調查邀請持份者為北控清潔能源提供有關一系列環境、社會及管治問題的反饋意見，旨在了解彼等就對我們業務屬重要的可持續性方面的關注重點及看法。調查結果為我們確定本報告的重點確立了基礎，亦可作為高層管理人員發展長期環境、社會及管治策略的參考。

從持份者溝通工作中確定的重要議題如下：

Environment	環境
Impact on the environment and natural resources	對環境及自然資源的影響
Greenhouse gas emissions	溫室氣體排放
Waste management	廢物管理
Use of energy, water and materials	能源、水及材料的使用
Employment and labour practices	僱傭及勞工實踐
Remuneration, benefits and welfare	薪酬、利益及福利
Occupational health and safety	職業健康及安全
Employee retention	員工留任
Operating practices	營運實踐
Supply chain management	供應鏈管理
Innovation	創新
Integrity	誠信

Our Environment 我們的環境

ENVIRONMENTAL MANAGEMENT

We are devoted to building up a beautiful China by developing clean energy such as photovoltaic power and other clean power. Apart from achieving carbon emission reduction by our clean energy production, we put environment seriously in our day-to-day operation. We strictly comply with applicable national and local environmental laws and regulations.

We establish environmental management policy in our construction sites. An environmental management group is formed for each construction project. In the group, we have appointed supervisor in each project site to oversee the environmental issues. Under the supervisor, we employ external experts to monitor the work done by each sub-divided unit, such as electricity and gas unit. We carry out on-site inspections regularly to strictly monitor the contractor performance, ensuring that construction works are in compliance with the environmental requirements to avoid or minimise the environmental impacts arising from construction activities. For instance, there should be specialised waste collection channel installed in the elevated project area. Therefore, we can collect the construction waste efficiently and do the recycling afterwards.

CLEAN ENERGY PRODUCTION

Photovoltaic power, wind power and other clean energy are cleaner alternatives to replace the fossil fuels. In response to the national clean energy policy, we develop photovoltaic power, wind power and other clean energy projects.

環境管理

我們致力於通過發展光伏發電及其他清潔能源建設美麗中國。除了通過生產清潔能源實現低碳減排外，我們在日常營運中亦相當重視環境。我們嚴格遵守適用國家及地方環境法律法規。

我們在各施工場地制定環境管理政策，為每個建設項目組建一個環境管理小組。在該小組中，我們在每個項目現場委派了主管，負責監督環境事項。主管下設外部專家，負責監督每個細分單位（如電力和燃氣單位）完成的工作。我們會定期進行現場視察，對承包商進行嚴密監控，確保施工程序符合環保要求，以避免或儘量減少施工活動對環境的影響。例如，在高架工程區應安裝專門的廢物收集渠道。因此，我們可以有效地收集建築廢物，然後再進行回收。

清潔能源生產

光伏發電、風電及其他清潔能源是比化石燃料更清潔的替代品。我們響應國家的清潔能源政策，發展光伏發電、風電及其他清潔能源項目。



Our Environment 我們的環境

In addition to the expansion of our clean energy power projects, we strive to facilitate the efficiency of our power generation system by technology innovations. We are currently participating in several pilot schemes in different provinces to adopt new layout of our power stations and also upgraded models of our equipment, such as photovoltaic power components and invertors. As a result, we can achieve higher power generation efficiency and leads the growth of the clean energy industry.

On-grid electricity generated during the reporting period:

Electricity generation 電力產出	Unit: Kilowatt hour (kWh) 單位：千瓦時
Photovoltaic power stations 光伏電站	221,976,000
Wind power station 風力電站	35,397,000

Our environmental contributions in 2016:

Reduced approximately **80,557.62** tonnes of standard coal;

Reduced approximately **220,053.56** tonnes of carbon dioxide emission;

Reduced approximately **378.34** tonnes of sulfur dioxide emission;

Reduced approximately **378.34** tonnes of nitrogen oxide emission.

除了擴大清潔能源發電項目外，我們亦努力通過技術創新來提升發電系統的效率。我們目前正在參與不同省份的多個試點計劃，採用新的電站佈局，並升級我們的設備組件（如光伏發電組件及逆變器）。因此，我們可以達到更高的發電效率，引領清潔能源產業的發展。

匯報期內產出的上網電力：

2016年我們對環境所作貢獻如下：

減少標準煤約**80,557.62**噸；

減少二氧化碳排放約**220,053.56**噸；

減少二氧化硫排放約**378.34**噸；

減少氮氧化物排放約**378.34**噸。

AIR EMISSIONS MANAGEMENT AND ENERGY CONSUMPTION

As a clean energy company, we generate electricity by using renewable energy sources including solar and wind, greenhouse gases and other air pollutants emitted from our electricity generation process are minimal. Therefore, our operation do not create significant impact on air quality. Beyond generating clean energy, we make every effort to reduce carbon footprint in our daily operation. Since most of the greenhouse gas emission come from the use of energy, we have introduced equipment with greater efficiency. Besides, we select energy saving appliance whenever possible. LED lights are adopted in our power stations. In our staff quarters, we have introduced solar energy water heater to minimise the greenhouse gas emission in our operations. During the reporting period, we have approximately 3,640 tonnes of carbon dioxide equivalent emissions, mainly due to the purchase of electricity produced with non-renewable sources from external parties.

氣體排放管理及能源消耗

作為一間清潔能源公司，我們以可再生能源包括太陽能及風力產出電力，過程中所產生的溫室氣體和其他氣體污染物非常之少。因此，我們的營運不會對空氣質素造成嚴重的影響。除了產出清潔能源外，我們亦盡力減少日常營運中的碳足跡。由於大部分溫室氣體排放來自能源的使用，因此我們引進了更高效的設備。此外，我們會盡可能地選擇節能器具。我們的電站採用LED燈，並在員工宿舍引進太陽能熱水器，以盡量減少我們營運中的溫室氣體排放。於匯報期間，二氧化碳當量排放約3,640噸，主要由於向外部各方購買使用非可再生能源生產的電力所致。

Electricity consumption in 2016 2016年電力消耗	Unit: kWh 單位：千瓦時
Office 辦公室	60,000
Photovoltaic power stations 光伏電站	4,700,000
Wind power station 風力電站	383,680
Diesel consumption in 2016 2016年柴油消耗	Unit: Litre 單位：升
Office vehicle 辦公室車輛	30,000

Our Environment 我們的環境

WASTE MANAGEMENT

We have formulated a set of waste management procedures such as “Maintenance and disposal of equipment regulations” and “Hazardous chemicals management regulations”. We adopt “Repair first, resale next” principle to handle the damaged equipment in our power stations. In order to reduce the waste generated in our power stations, the equipment will only be disposed of if they cannot be recovered. In the meantime, our staff are required to record the details such as model, time and reasons for damage of the equipment before the disposal. With systematic repairs and disposal regulations, we can fully utilise our equipment to reduce wastage in our power stations.

Chemical waste can be harmful to the environment, and also to the health and safety of our workers. For the sake of the well-being of our workers, we strictly implement our hazardous waste management policy in our power stations. We handle the chemicals carefully by setting up a designated collection area for each type of hazardous waste. We have appointed qualified industrial waste handlers to collect and treat this waste in a proper way.

廢物管理

我們已制定「設備維護與處置規定」及「危險化學品管理規定」等一系列廢物管理程序。我們採用「先修再售」原則來處置電站損壞的設備。為了減少電站產生的廢物，設備只有在無法修復的情況下才會被處置。同時，我們的工作人員必須在處置設備前記錄有關設備的型號、損壞時間及原因等細節。通過系統的維修及處置規定，我們可以充分利用我們的設備，降低電站的生產耗費。

化學廢物可能對環境有害，亦可能會對工人的健康與安全造成危害。為了員工的安康，我們在電站嚴格執行有害廢棄物管理政策。我們為每種有害廢棄物設置指定的收集區，謹慎地處理各類化學品。我們已委聘合格的工業廢物處理人員以適當的方式收集及處理有關廢物。

General waste in 2016

2016年一般廢物

Unit: tonne

單位：噸

General waste generated from photovoltaic power projects
光伏發電項目產生的一般廢物

60

WATER RESOURCES MANAGEMENT

We are committed to conserving water resources during different project stages. We have introduced water treatment equipment in our production areas. All domestic and industrial sewage generated in our power stations are properly treated before discharged. After testing, our discharges of the sewage are up to the national standard.

水資源管理

我們致力於在不同的項目階段節約水資源。我們在生產區引進了水處理設備，發電站產生的所有生活和工業污水在排放前均已經妥善處理。經檢測證實，我們的污水排放達到國家標準。

Water consumption and discharged in 2016 2016年耗水量及排放量	Unit: tonne 單位：噸
Water consumption of photovoltaic power projects 光伏發電項目之耗水量	6,160
Wastewater discharged by photovoltaic power projects 光伏發電項目排放之污水量	1,440

We strictly control the use of cleanser and herbicide to ensure that these chemicals can be properly used. We have guidance for our staff to utilise those chemical precisely to prevent pollution from excess use of chemical. Standard level of grass is remained after weeding. The grass can hold and contain soil to prevent soil erosion and potential water pollution. Since the site management measures are implemented effectively, we can minimise our adverse impact brought to the natural environment.

我們嚴格控制清潔劑和除草劑的使用，以確保該等化學品能夠妥當使用。我們指導員工精準地利用該等化學品，以防止因過量使用化學品而造成污染。於除草後草坪仍會保持適當高度。草坪可以抓緊泥土，防止水土流失及潛在水污染。由於場地管理措施得到有效實施，我們可以盡量減少對自然環境帶來的不利影響。



Our People 我們的員工

EMPLOYEE RELATIONS

We regard our employees as the most valuable asset of the Group. Therefore, we endeavour to provide our employees with equal opportunities to empower our staff to take an active role and contribute to our success. We have formulated our equal opportunity policies in the Group's staff handbook. As an equal opportunity employer, we consider candidates' knowledge, experience, attitude and professional qualifications in our recruitment process. Our employees' age, gender, race, nationality, marital status, etc. do not affect their treatment in the Company. To protect human rights, child and forced labour is prohibited in the Group. Beyond recruitment opportunities, our employees are rewarded based on an annual performance review in a true and fair way. In such way, our employees are encouraged to achieve their highest performance.

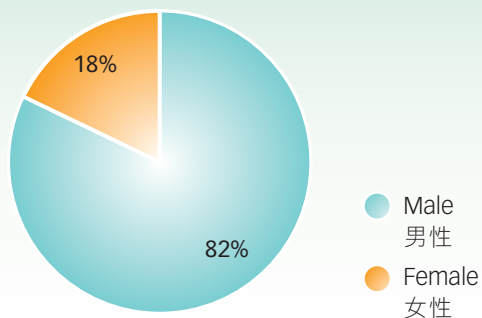
Our human resource policy adheres to the relevant laws and regulations in the jurisdictions in which we operate. We strictly complies with the Hong Kong Employment Ordinance, Minimum Wage Ordinance, and Employees' Compensation Ordinance, while in Mainland China we are in compliance with Labour Contract Law of the PRC. On top of this, we offer competitive remuneration packages and all-rounded welfare to retain staff. As stated in the staff handbook, all of our employees are entitled to comprehensive insurance, marital leave, maternity leave and paternity leave etc. As 31 December 2016, we had 593 employees in Hong Kong and the PRC worked for the photovoltaic power and wind power businesses of the Company.

員工關係

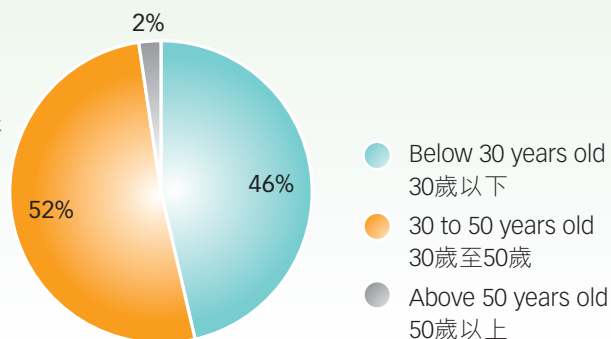
我們認為員工是本集團最寶貴的資產。因此，我們努力為員工提供平等機會，使員工能夠發揮積極作用，為我們的成功作出貢獻。我們在集團員工手冊中制定了平等機會政策。作為平等機會僱主，我們在招聘過程中會考慮候選人的知識、經驗、態度及專業資格，而員工的年齡、性別、種族、國籍、婚姻狀況等都不會影響彼等在本公司的待遇。為保護人權，本集團禁止僱用童工及強迫勞工。除招聘機會外，我們會真實、公平地根據員工的年度績效評估結果給予員工獎勵，藉此鼓勵員工達至最佳表現。

我們的人力資源政策遵循我們營運所在司法權區的有關法律法規。我們嚴格遵守香港僱傭條例、最低工資條例及僱員補償條例，而於中國內地我們已遵守中國勞動合同法。除此之外，我們亦提供具有競爭力的薪酬待遇及全方位的福利來留住員工。誠如員工手冊中所述，我們所有的員工均享有綜合保險、婚假、產假及待產假等。截至2016年12月31日，我們於香港及中國擁有593名員工為本公司光伏發電及風電業務工作。

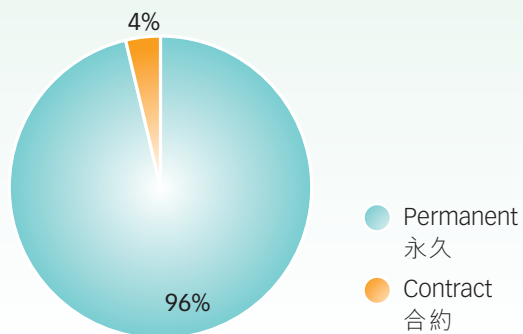
**Employee composition
by gender in 2016**
2016年按性別劃分的員工結構



**Employee composition
by age group in 2016**
2016年按年齡組別劃分的員工結構



**Employees
by employment type in 2016**
2016年按僱傭類型劃分的員工



Our People 我們的員工

Employees' turnover rates

員工流失率

Employees' turnover rate by gender

按性別劃分的員工流失率

Male 9%

男性

Female 6%

女性

Employees' turnover rate by age group

按年齡組別劃分的員工流失率

Below 30 years old 13%

30歲以下

30 to 50 years old 4%

30歲至50歲

Above 50 years old 0%

50歲以上

OCCUPATIONAL HEALTH AND SAFETY

The Group is committed to establishing a healthy and safe workplace. To put this commitment into practice, we have formulated the health and safety management system in the Company. In addition, we have specific health and safety policies for our offices and project sites.

職業健康與安全

本集團致力於建立健康及安全的工作場所。為了實現這一承諾，本公司內部制定了健康與安全管理系統。此外，我們為辦公室及項目場地制定了具體的健康與安全政策。

Our People 我們的員工

The health and safety risk is relatively low in our offices. Owing to this, we have provided our staff with corresponding health and safety guidelines. All of the tools in the office should be placed properly to minimise the risk of accidents. All kind of dangerous goods are prohibited in our offices, such as sharp and flammable objects. Being aware of fire risk, we maintain proper fire service facilities and equipment at all times. In addition to fire risk, we educate our staff on how to respond to emergencies. For instance, in case of natural disasters such as earthquakes and floods, our staff will be evacuated efficiently following our evacuation plan in advance.

The Group spares no effort to promote health and safety in our project sites. Our health and safety policy is fully compliant with relevant laws and regulations. We have developed a health and safety management system for project sites, covering different levels of activities during the construction and operation stages. An independent safe production office has been established to oversee health and safety issues in the workplace. The safe production office analyses the safety risk in the operation procedures, and allocates safety resources accordingly. The office carries out safety inspections in a regular basis. It ensured that all of our staff use personal protective equipment and execute operational procedures properly to lower the safety risk in the workplace. We attach importance to the health and safety knowledge of our employees. All new hires are entitled to related safety training offered by the operational department, power plant and working unit according to their job functions. With this training, our employees are equipped with sufficient technical knowledge and skill to deal the daily operations and possible emergencies in power plants.

我們辦公室的健康與安全風險相對較低。鑒於此，我們為員工提供相應的健康與安全指南。辦公室的所有工具應妥善放置，以盡量減少發生事故的風險。我們辦公室禁止使用各種危險物品，如鋒利及易燃物品。意識到存在火災風險，我們備有適當的消防設施及設備。除了火災風險外，我們亦會教育員工如何應對緊急情況。例如，在發生地震、洪水等自然災害的情況下，我們的員工將遵循疏散計劃提前有效疏散。

本集團不遺餘力地促進項目場地的健康與安全。我們的健康與安全政策完全符合有關法律法規。我們為項目場地建立了健康與安全管理系統，涵蓋施工及營運階段不同層次的活動。我們亦已建立一個獨立的安全生產辦公室，負責監督工作場所的健康與安全事項。安全生產辦公室分析操作程序中的安全風險，並據此分配安全資源。該辦公室定期進行安全檢查，確保我們所有員工均使用個人防護裝備並妥善執行操作程序，降低工作場所的安全風險。我們重視員工的健康與安全知识，所有新員工均可按其職能獲得營運部門、電站及工作單位提供相關的安全培訓。通過此類培訓，我們的員工具備充分的技術知識及技能來處理電站的日常營運和可能出現的緊急情況。



Our People 我們的員工

Apart from production, we take account of health and safety in the construction phase. The engineering department is responsible for health and safety issues during the construction process. Before construction, a health and safety assessment is carried out on the construction machinery and the quality of the construction workers. The department also carries out on-site inspections on the implementation of the construction projects. Through these health and safety measures, we can ensure safety throughout the construction process.

In virtue of our efforts on workplace health and safety, no work-related fatality and work injury recorded in 2016.

TRAINING AND DEVELOPMENT

We believe that nurturing employees' potential is pivotal to the Group's development. Specific technical knowledge and skills are essential for our business. In accordance with our business nature, we provide a series of training sessions to equip our employees with sufficient competence to execute their job duties.

The Group provides an induction programme once the right employees are on board. The content of the induction programme includes corporate culture, rules and regulations, safety knowledge, business manner and information security. By understanding the culture of the Group, our employees can promptly integrate into the working environment.

除生產外，我們在施工階段亦會考慮健康與安全。工程部門負責施工過程中的健康與安全事項，施工前會對施工機械和施工人員的質素進行健康與安全評估。該部門亦對建設項目的實施情況進行現場檢查。通過該等健康與安全措施，我們可以確保施工過程中的安全。

由於我們在工作場所健康與安全方面所作努力，2016年並無錄得因工傷死亡或工傷事故。

培訓及發展

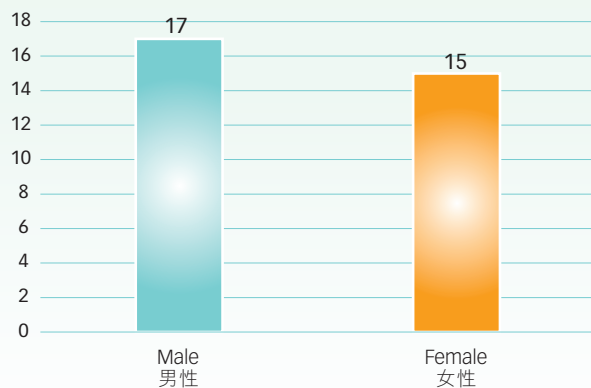
我們認為培育員工潛力是促進本集團發展的關鍵，具體的技術知識和技能對我們的業務至關重要。我們根據自身業務性質提供一系列培訓課程，使員工有足夠的能力履行工作職責。

本集團會在有合適的員工加入時提供入職培訓課程。入職培訓課程的內容包括企業文化、規章制度、安全知識、業務方式及信息安全。通過了解本集團的文化，我們的員工可以迅速融入工作環境。

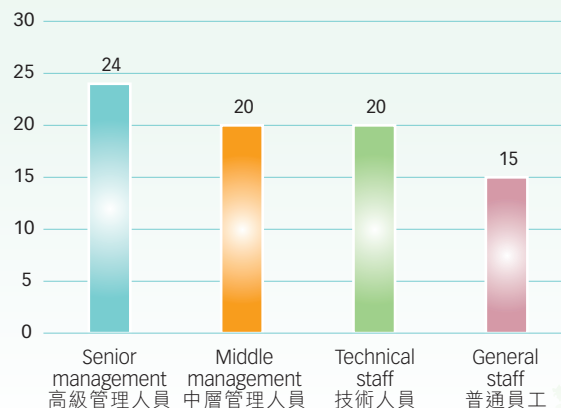
Beyond the induction programme, on-the-job training is essential to provide our employees with technical knowledge necessary for daily operation. In our operational department, we subsidise our employees to obtain necessary qualifications. We have also appointed internal and external experts as tutors in our training programme. In order to deliver knowledge effectively, our training programme uses a diverse array of teaching methods, such as lectures, talks, workshops, case studies and drills. These diverse teaching methods familiarise our employees with the relevant national laws and regulations on power generation and safety management. Apart from laws and regulations, employees can clearly understand operating procedures and the functions and properties of the machinery to ensure smooth and safe operation. During the reporting period, the number of attendances of employee participating in our training courses was 1,719.

除入職培訓課程外，在職培訓對於為員工提供日常營運所需技術知識亦至關重要。在我們的營運部門，我們資助員工獲得必要的資質。我們亦委任內部及外部專家作為培訓課程的導師。為了有效地傳授知識，我們的培訓課程採用各種不同的教學方法，如講座、會談、工作坊、案例研究及演習。該等多樣化教學方法使員工熟悉國家有關發電及安全管理的法律法規。除法律法規外，員工還可以清楚地了解機器的運作程序及功能和特性，確保運行平穩安全。於匯報期內，共有1,719人次參加了培訓課程。

Average hours of staff training by gender in 2016
2016年按性別劃分的員工培訓平均時數



Average hours of staff training by employee category in 2016
2016年按員工類別劃分的員工培訓平均時數



Our People 我們的員工

The percentage of employees trained in 2016

2016年受培訓員工佔比

The percentage of employees trained by gender

按性別劃分之受培訓員工佔比

Male 92%

男性

Female 98%

女性

The percentage of employees trained

by employee category

按員工類別劃分之受培訓員工佔比

Senior Management 93%

高級管理人員

Middle Management 87%

中層管理人員

Technical Staff 85%

技術人員

General Staff 94%

普通員工

EMPLOYEE ENGAGEMENT

BECE promotes a harmonious working environment. To achieve this, we unceasingly encourage mutual trust and collaboration in the workplace. Our employees are encouraged to share their opinions and express their point of view to their supervisors at any time. If they have any inquiries about the Company's policies, they can also contact the responsible departments and the human resource department.

In addition, the top management holds staff meeting annually and all staff are encouraged to join. During the meeting, the top management reports on the Group's yearly performance and future development strategy. In this way, our staff can have a better understanding of the Company current status and future plans. We are committed to maintaining an open environment between all levels of employees.

與員工溝通

北控清潔能源提倡建立和諧的工作環境，為此，我們不斷鼓勵工作場所中的互信協作。我們鼓勵員工隨時分享觀點及向主管表達自己的意見。員工如對本公司政策有任何疑問，亦可聯繫有關負責部門及人力資源部門。

此外，高級管理人員每年召開員工會議，鼓勵全體員工參加。會上，高級管理人員就本集團年度業績及未來發展策略作報告，我們的員工可以藉此更好地了解本公司的現狀和未來計劃。我們致力於在各級員工之間維持一個開放的環境。



Our Community 我們的社區

Being a society-caring company, we strive to create values not only for the stakeholders, but also for our community. We also hold a firm belief that our sustainable business growth heavily relies on a good relationship with the local communities in which we operate. Therefore, we take proactive role to communicate with the local people, including the underprivileged in the nearby community, through regular meetings in order to understand their views, concerns, and needs.

作為一家關懷社會的公司，我們努力在為持份者創造價值的同時也為社區創造價值。我們亦堅信，可持續的業務增長很大程度上依賴與我們營運所在的當地社區的良好關係。因此，我們積極主動地通過定期會議與當地人（包括附近社區的弱勢群體）進行溝通，以便了解當地人的看法、擔憂及需求。

CASE STUDY 案例研究

Provision of disaster relief 提供災難救援

A flash flood occurred in Jinzhai County of the Anhui Province on 1 July 2016. As of 2:00 p.m. on 1 July 2016, it had been reported that the incident had caused more than 60,000 injuries and resulted in RMB876 million of direct economic loss.

In light of this, our project manager based in Jinzhai County reported the incident to senior management to provide assistance to those in need.



We cooperated with Yanjing Beer and donated a total of 200 tents and 56,000 bottles of water on 3 July 2016 and provided temporary shelter for 1,600 people and drinking water for more than 2,000 people.

2016年7月3日，我們與燕京啤酒合作共捐贈了200頂帳篷及56,000瓶飲用水，為1,600人提供了臨時避難所，為2,000多人提供了飲用水。

A total of 700 boxes of instant noodles and 1000 blankets were also donated to Jinzhai County on 5 July 2016.

2016年7月5日再向金寨縣捐贈700箱方便麵及1000條毛毯。

Apart from providing support for those in need, we signed an agreement with Jinzhai County Government to construct large-scale 200MW solar power plants, with an investment of approximately RMB1.4 billion. This has demonstrated our ability and commitment to providing in-time help and nurture continued success in the local communities that we operate in.

2016年7月1日，安徽省金寨縣山洪暴發。據報道，截至2016年7月1日下午2時正，該事件已造成60,000多人受傷，造成直接經濟損失人民幣8.76億元。

有鑒於此，我們駐金寨縣的項目經理向高層管理人員報告了該事件，為有需要的人士提供幫助。



除了為有需要的人士提供援助外，我們還與金寨縣政府簽訂了建設200兆瓦大型太陽能發電站的協議，投資額約為人民幣14億元。這既彰顯了我們的能力，亦表明我們有志在營運所在的當地社區提供及時幫助及獲得持續成功。

Appendix – The Stock Exchange’s ESG Reporting Guide Content Index

附錄－聯交所《環境、社會及管治報告指引》內容索引

Subject Areas and Aspects 主要範疇及層面		Section 章節
A. Environmental A.環境	General Disclosure 一般披露	Our Environment 我們的環境
Aspect A1: Emissions 層面A1：排放物	KPI A1.1 關鍵績效指標A1.1	The types of emissions and respective emissions data 排放物種類及相關排放數據
	KPI A1.2 關鍵績效指標A1.2	Greenhouse gas emissions in total and intensity 溫室氣體總排放量及密度
	KPI A1.3 關鍵績效指標A1.3	Total hazardous waste produced and intensity 所產生有害廢棄物總量及密度
	KPI A1.4 關鍵績效指標A1.4	Total non-hazardous waste produced and intensity 所產生無害廢棄物總量及密度
	KPI A1.5 關鍵績效指標A1.5	Description of measures to mitigate emissions and results achieved 描述減低排放量的措施及所得成果
	KPI A1.6 關鍵績效指標A1.6	Description of how hazardous and non-hazardous wastes are handled, reduction initiatives and results achieved 描述處理有害及無害廢棄物的方法、減低產生量的措施及所得成果
Aspect: A2: Use of Resources 層面A2：資源使用	General Disclosure 一般披露	Our Environment 我們的環境
	KPI A2.1 關鍵績效指標A2.1	Direct and/or indirect energy consumption by type in total and intensity 按類型劃分的直接及／或間接能源總耗量及密度
	KPI A2.2 關鍵績效指標A2.2	Water consumption in total and intensity 總耗水量及密度
	KPI A2.3 關鍵績效指標A2.3	Description of energy use efficiency initiatives and results achieved 描述能源使用效益計劃及所得成果
	KPI A2.4 關鍵績效指標A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency initiatives and results achieved 描述求取適用水源上可有任何問題，以及提升用水效益計劃及所得成果
	KPI A2.5 關鍵績效指標A2.5	Total packaging material used for finished products and with reference to per unit produced 製成品所用包裝材料的總量及每生產單位估量
Aspect: A3: The Environmental and Natural Resources 層面A3：環境及天然資源	General Disclosure 一般披露	Our Environment 我們的環境
	KPI A3.1 關鍵績效指標A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them 描述業務活動對環境及天然資源的重大影響及已採取管理有關影響的行動

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Subject Areas and Aspects 主要範疇及層面			Section 章節
B. Social B. 社會	General Disclosure 一般披露		Our People – Employee Relations 我們的員工－員工關係
Aspect B1: Employment 層面 B1：僱傭	KPI B1.1 關鍵績效指標B1.1	Total workforce by gender, employment type, age group and geographical region 按性別、僱傭類型、年齡組別及地區劃分的員工總數	Our People – Employee Relations 我們的員工－員工關係
	KPI B1.2 關鍵績效指標B1.2	Employee turnover rate by gender, age group and geographical region 按性別、年齡組別及地區劃分的員工流失比率	Our People – Employee Relations 我們的員工－員工關係
Aspect B2: Health and Safety 層面 B2：健康與安全	General Disclosure 一般披露		Our People – Occupational Health and Safety 我們的員工－職業健康與安全
	KPI B2.1 關鍵績效指標B2.1	Number and rate of work-related fatalities 因工作關係而死亡的人數及比率	Our People – Occupational Health and Safety 我們的員工－職業健康與安全
	KPI B2.2 關鍵績效指標B2.2	Lost days due to work injury 因工傷損失工作日數	Our People – Occupational Health and Safety 我們的員工－職業健康與安全
	KPI B2.3 關鍵績效指標B2.3	Description of occupational health and safety measures adopted, how they are implemented and monitored 描述所採納的職業健康與安全措施，以及相關執行及監察方法	Our People – Occupational Health and Safety 我們的員工－職業健康與安全
Aspect B3: Development and Training 層面 B3：發展及培訓	General Disclosure 一般披露		Our People – Training and Development 我們的員工－培訓及發展
	KPI B3.1 關鍵績效指標B3.1	The percentage of employees trained by gender and employee category 按性別及員工類別劃分的受訓員工百分比	Our People – Training and Development 我們的員工－培訓及發展
	KPI B3.2 關鍵績效指標B3.2	The average training hours completed per employee by gender and employee category 按性別及員工類別劃分，每名員工完成受訓的平均時數	Our People – Training and Development 我們的員工－培訓及發展
Aspect B4: Labour Standards 層面 B4：勞工準則	General Disclosure 一般披露		Our People – Employee Relations 我們的員工－員工關係
	KPI B4.1 關鍵績效指標B4.1	Description of measures to review employment practices to avoid child and forced labour 描述檢討招聘慣例的措施以避免童工及強制勞工	Our People – Employee Relations 我們的員工－員工關係
	KPI B4.2 關鍵績效指標B4.2	Description of steps taken to eliminate such practices when discovered 描述在發現違規情況時消除有關情況所採取的步驟	Our People – Employee Engagement 我們的員工－與員工溝通
Aspect B5: Supply Chain Management 層面 B5：供應鏈管理	General Disclosure 一般披露		Our Sustainability Approach – Supply Chain Management 我們的可持續發展策略－供應鏈管理
	KPI B5.1 關鍵績效指標B5.1	Number of suppliers by geographical region 按地區劃分的供應商數目	Our Sustainability Approach – Supply Chain Management 我們的可持續發展策略－供應鏈管理
	KPI B5.2 關鍵績效指標B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, how they are implemented and monitored 描述有關聘用供應商的慣例，向其執行有關慣例的供應商數目，以及有關慣例的執行及監察方法	Our Sustainability Approach – Supply Chain Management 我們的可持續發展策略－供應鏈管理

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Subject Areas and Aspects 主要範疇及層面		Section 章節
Aspect B6: Product Responsibility 層面B6：產品責任	General Disclosure 一般披露	Not applicable 不適用
	KPI B6.1 關鍵績效指標B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons 已售或已運送產品總數中因安全與健康理由而須回收的百分比 Not applicable 不適用
	KPI B6.2 關鍵績效指標B6.2	Number of products and service related complaints received and how they are dealt with 接獲關於產品及服務的投訴數目以及應對方法 Not applicable 不適用
	KPI B6.3 關鍵績效指標B6.3	Description of practices relating to observing and protecting intellectual property rights 描述與維護及保障知識產權有關的慣例 Not applicable 不適用
	KPI B6.4 關鍵績效指標B6.4	Description of quality assurance process and recall procedures 描述質量檢定過程及產品回收程序 Not applicable 不適用
	KPI B6.5 關鍵績效指標B6.5	Description of consumer data protection and privacy policies, how they are implemented and monitored 描述消費者資料保障及私隱政策，以及相關執行及監察方法 Not applicable 不適用
Aspect B7: Anticorruption 層面B7：反貪污	General Disclosure 一般披露	Our Sustainability Approach – Integrity 我們的可持續發展策略－誠信
	KPI B7.1 關鍵績效指標B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases 於匯報期內對發行人或其員工提出並已審結的貪污訴訟案件的數目及訴訟結果 Our Sustainability Approach – Integrity 我們的可持續發展策略－誠信
	KPI B7.2 關鍵績效指標B7.2	Description of preventive measures and whistle-blowing procedures, how they are implemented and monitored 描述防範措施及舉報程序，以及相關執行及監察方法 Our Sustainability Approach – Integrity 我們的可持續發展策略－誠信
Aspect B8: Community Investment 層面B8：社區投資	General Disclosure 一般披露	Our Community 我們的社區
	KPI B8.1 關鍵績效指標B8.1	Focus areas of contribution 專注貢獻範疇 Our Community 我們的社區
	KPI B8.2 關鍵績效指標B8.2	Resources contributed to the focus area 在專注範疇所動用資源 Our Community 我們的社區



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