



洛陽玻璃股份有限公司

LUOYANG GLASS COMPANY LIMITED*

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

H 股股份代號：1108 H Share Stock Code: 1108
A 股股份代號：600876 A Share Stock Code: 600876

2018

中期報告 INTERIM REPORT

* 僅供識別
For identification purposes only

重要提示

- 一. 本公司董事會、監事會及董事、監事、高級管理人員保證中期報告內容的真實、準確、完整，不存在虛假記載、誤導性陳述或重大遺漏，並承擔個別和連帶的法律責任。
- 二. 公司全體董事出席了審議中期報告的董事會會議。
- 三. 本報告截至2018年6月30日止6個月期間的中期業績未經審計，但已經董事會審計(或審核)委員會審閱通過。
- 四. 公司負責人張沖、主管會計工作負責人馬炎及會計機構負責人(會計主管人員)陳靜聲明：保證中期報告中財務報告的真實、準確、完整。
- 五. 經董事會審議的報告期利潤分配預案或公積金轉增股本預案

無
- 六. 前瞻性陳述的風險聲明

本報告中所涉及的未來計劃、發展戰略等前瞻性描述不構成本公司對投資者的實質承諾，敬請投資者注意投資風險。

IMPORTANT NOTICE

- I. The board of directors, the supervisory committee and the directors, supervisors and senior management of the Company confirm that the information contained in this interim report is true, accurate, and complete without any false and misleading statements or material omissions, and severally and jointly accept legal responsibility for the above.
- II. All Directors of the Company attended the Board meeting to consider this interim report.
- III. The interim results for the six months ended 30 June 2018 contained in this report are unaudited, but have been reviewed and approved by the audit committee of the Board.
- IV. Mr. Zhang Chong, the Chairman of the Company, Mr. Ma Yan, the Chief Financial Controller and Ms. Chen Jing, the Head of Finance Department, warrant the truthfulness, accuracy and completeness of the financial statements set out in the interim report.
- V. Profit distribution proposal or proposal for conversion of capital reserve to the share capital during the reporting period considered by the Board

Nil
- VI. Risk statements on forward-looking statements

The forward looking statements, including future plan and development strategy, contained in this report do not constitute a real commitment to investors by the Company. Investors should be reminded of such investment risks.

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第一節 釋義

在本報告書中，除非文義另有所指，下列詞語具有如下含義：

常用詞語釋義

中國證監會	指	中國證券監督管理委員會
國資委	指	國務院國有資產監督管理委員會
上交所	指	上海證券交易所
聯交所	指	香港聯合交易所有限公司
公司、 本公司、 洛陽玻璃	指	洛陽玻璃股份有限公司
本集團	指	洛陽玻璃股份有限公司及其附屬公司
龍海玻璃	指	洛玻集團洛陽龍海電子玻璃有限公司
龍門玻璃	指	洛玻集團龍門玻璃有限責任公司
蚌埠中顯	指	蚌埠中建材信息顯示材料有限公司
濮陽光材	指	中建材(濮陽)光電材料有限公司

I. DEFINITIONS

Unless otherwise stated in context, the following terms should have the following meanings in this report:

Definitions of frequently-used terms

CSRC	China Securities Regulatory Commission
SASAC	State-owned Assets Supervision and Administration Commission
SSE	Shanghai Stock Exchange
Stock Exchange	The Stock Exchange of Hong Kong Limited
Company, Luoyang Glass	Luoyang Glass Company Limited
Group	Luoyang Glass Company Limited and its subsidiaries
Longhai Glass	CLFG Longhai Electronic Glass Limited (洛玻集團洛陽龍海電子玻璃有限公司)
Longmen Glass	CLFG Longmen Glass Co. Ltd. (洛玻集團龍門玻璃有限責任公司)
Bengbu CNBM Information Display Materials	Bengbu China National Building Materials Information Display Materials Company Limited
Puyang CNBM Photovoltaic Materials	Puyang China National Building Materials Photovoltaic Materials Company Limited (中建材(濮陽)光電材料有限公司)

合肥新能源	指	中建材(合肥)新能源有限公司	Hefei New Energy	CNBM (Hefei) New Energy Company Limited* (中建材(合肥)新能源有限公司)
桐城新能源	指	中國建材桐城新能源材料有限公司	Tongcheng New Energy	CNBM (Tongcheng) New Energy Materials Company Limited* (中國建材桐城新能源材料有限公司)
宜興新能源	指	中建材(宜興)新能源有限公司	Yixing New Energy	CNBM (Yixing) New Energy Company Limited* (中建材(宜興)新能源有限公司)
中國建材集團	指	中國建材集團有限公司	CNBMG	China National Building Materials Group Corporation (中國建材集團有限公司)
凱盛集團	指	凱盛科技集團有限公司	Triumph Group	Triumph Technology Group Company* (凱盛科技集團公司)
洛玻集團	指	中國洛陽浮法玻璃集團有限責任公司	CLFG	China Luoyang Float Glass (Group) Company Limited* (中國洛陽浮法玻璃集團有限責任公司)
蚌埠院	指	中建材蚌埠玻璃工業設計研究院有限公司	Bengbu Institute	Bengbu Design & Research Institute for Glass Industry (蚌埠玻璃工業設計研究院)
國際工程	指	中國建材國際工程集團有限公司	International Engineering	China Triumph International Engineering Co., Ltd. (中國建材國際工程集團有限公司)
凱盛科技	指	凱盛科技股份有限公司	Triumph Technology	Triumph Technology Company Limited (凱盛科技股份有限公司)
華光集團	指	安徽華光光電材料科技集團有限公司	Huaguang Group	Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd.
合肥高新投	指	合肥高新建設投資集團公司	Hefei Gaoxin Investment	Hefei Gaoxin Development and Investment Group Company*
宜興環保科技	指	宜興環保科技創新創業投資有限公司	Yixing Environmental Technology	Yixing Environmental Technology Innovation Venture Investment Company Limited* (宜興環保科技創新創業投資有限公司)
協鑫集成	指	協鑫集成科技股份有限公司	GCL System Integration	GCL System Integration Technology Co., Ltd. (協鑫集成科技股份有限公司)
聯交所上市規則	指	《香港聯合交易所有限公司證券上市規則》	Hong Kong Listing Rules	The Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited
上交所上市規則	指	《上海證券交易所股票上市規則》	Shanghai Listing Rules	The Rules Governing the Listing of Stocks on the Shanghai Stock Exchange

第二節 公司簡介和主要財務指標**一. 公司信息**

公司的中文名稱 洛陽玻璃股份有限公司
 公司的中文簡稱 洛陽玻璃
 公司的外文名稱 Luoyang Glass Company Limited
 公司的外文名稱縮寫 LYG
 公司的法定代表人 張冲

二. 聯繫人和聯繫方式

	董事會秘書	證券事務代表
姓名	吳知新	趙志明
聯繫地址	中國河南省洛陽市西工區唐宮中路9號洛陽玻璃股份有限公司董事會秘書處	中國河南省洛陽市西工區唐宮中路9號洛陽玻璃股份有限公司董事會秘書處
電話	86-379-63908588、63908637	86-379-63908833
傳真	86-379-63251984	86-379-63251984
電子信箱	lywzhx@126.com	lybl600876@163.com

三. 基本情況變更簡介

公司註冊地址 中華人民共和國(「中國」)河南省洛陽市西工區唐宮中路9號

公司註冊地址的郵政編碼 471009

公司辦公地址 中華人民共和國(「中國」)河南省洛陽市西工區唐宮中路9號

公司辦公地址的郵政編碼 471009

公司網址 <http://www.zhglb.com>

電子信箱 lybl600876@163.com

報告期內變更情況查詢索引 無

II. COMPANY PROFILE AND MAJOR FINANCIAL INDICATORS**I. Information of the Company**

Chinese name of the company 洛陽玻璃股份有限公司
 Chinese abbreviation 洛陽玻璃
 English name of the Company Luoyang Glass Company Limited
 English abbreviation LYG
 Legal representative of the Company Zhang Chong

II. Contact Persons and Contact Methods

	Secretary to the Board	Representative of securities affairs
Name	Wu Zhixin	Zhao Zhiming
Correspondence address	Secretary Office of the Board of Luoyang Glass Company Limited, No. 9, Tang Gong Zhong Lu, Xigong District, Luoyang, Henan Province, the PRC	Secretary Office of the Board of Luoyang Glass Company Limited, No. 9, Tang Gong Zhong Lu, Xigong District, Luoyang, Henan Province, the PRC
Telephone	86-379-63908588, 63908637	86-379-63908833
Fax	86-379-63251984	86-379-63251984
Email	lywzhx@126.com	lybl600876@163.com

III. CHANGES IN BASIC INFORMATION

Registered address No. 9, Tang Gong Zhong Lu, Xigong District, Luoyang, Henan Province, the People's Republic of China (the "PRC")

Postal code 471009

Office address No. 9, Tang Gong Zhong Lu, Xigong District, Luoyang, Henan Province, the People's Republic of China

Postal code 471009

Website of the Company <http://www.zhglb.com/>

Email lybl600876@163.com

Reference Index of Changes during the Reporting Period Nil

四. 信息披露及備置地點變更情況簡介

公司選定的信息披露 報紙名稱	《中國證券報》、 《上海證券報》、 《證券日報》
登載中期報告的 中國證監會指定 網站的網址	http://www.sse.com.cn、 http://www.hkexnews.hk
公司中期報告備置地點	洛陽玻璃股份有限公司 董事會秘書處
報告期內變更情況 查詢索引	無

五. 公司股票簡況

股票 種類	股票上市 交易所	股票 簡稱	股票 代碼
A股	上海證券交易所	洛陽玻璃	600876
H股	香港聯合交易所 有限公司	洛陽玻璃 股份	01108

IV. Changes in the Places for Information Disclosure and Reference

Name of newspapers designated for information disclosure	China Securities Journal, Shanghai Securities News, Securities Daily
Website designated by CSRC for publishing interim reports	http://www.sse.com.cn, http://www.hkexnews.hk
Place for inspection of interim reports	Secretary Office of the Board of Luoyang Glass Company Limited
Reference Index of Changes during the Reporting Period	Nil

V. Basic Information of the Company's Shares

Type of shares	Place of listing of the Company's shares	Stock abbreviation	Stock code
A Share	Shanghai Stock Exchange	Luoyang Glass	600876
H Share	The Stock Exchange of Hong Kong Limited	Luoyang Glass	01108

(二) 主要財務指標

(II) Major financial indicators

主要財務指標 Major financial indicators	本報告期(1-6月) Reporting period (January-June)	上年同期 Corresponding period last year		本報告期比 上年同期增減 Increase/decrease for the Reporting Period from the corresponding period last year (%)
		調整後 After adjustment	調整前 Before adjustment	
基本每股收益(元/股) Basic earnings per share (RMB/share)	0.0395	0.0356	0.0022	10.96
稀釋每股收益(元/股) Diluted earnings per share (RMB/share)	0.0395	0.0356	0.0022	10.96
扣除非經常性損益後的基本每股 收益(元/股) Basic earnings per share after deducting extraordinary profit and loss (RMB/share)	0.0056	-0.0346	-0.0346	不適用 N/A
加權平均淨資產收益率(%) Weighted average return on net assets (%)	1.83	1.90	0.22	減少0.07個 百分點 Decreased by 0.07 percentage points
扣除非經常性損益後的加權平均 淨資產收益率(%) Weighted average return on net assets after deducting extraordinary profit and loss (%)	0.33	-3.48	-3.48	不適用 N/A

公司主要會計數據和財務指標的說明：

本公司於報告期內完成重大資產重組，將合肥新能源、桐城新能源、宜興新能源納入合併範圍，按照同一控制下企業合併編製合併報表，並對比較報表進行了追溯。

本報告以下所有涉及報告期期初及上年同期財務數據均以調整後數據填列。

Explanation on major accounting data and financial indicators of the Company:

The Company completed a significant asset restructuring during the reporting period, it incorporated Hefei New Energy., Tongcheng New Energy and Yixing New Energy into its consolidated statements as business combinations under common control and restated its comparative figures retrospectively.

All the financial figures for the beginning of the reporting period and the same period of last year were represented by the adjusted ones.

七. 非經常性損益項目和金額

VII. Extraordinary Profit and Loss Items and Amounts

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

非經常性損益項目	Extraordinary Profit and Loss Items	金額 Amount
非流動資產處置損益	Profit/loss on disposal of non-current assets	131,075.15
計入當期損益的政府補助，但與公司正常經營業務密切相關，符合國家政策規定、按照一定標準定額或定量持續享受的政府補助除外	Government subsidies (except for the grants which are closely related to the Company's normal business, are in compliance with the provisions of the State and have the standard amount or quantities in accordance with the national standard) attributable to profits and losses for the period	3,449,462.35
債務重組損益	Profit/loss from debt restructuring	259,661.53
同一控制下企業合併產生的子公司期初至合併日的當期淨損益	The current net profit and loss of subsidiary resulting from combination under common control from the beginning of the period to consolidation date	20,491,900.89
除上述各項之外的其他營業外收入和支出	Other non-operating income and expenses other than the aforesaid items	-51,854.67
少數股東權益影響額	Amount of effect on minority interest	-4,946,416.11
所得稅影響額	Amount of effect on income tax	-384,130.52
合計	Total	18,949,698.62

第三節 公司業務概要

一、報告期內公司所從事的主要業務、經營模式及行業情況說明

報告期內，公司完成發行股份購買資產事項，收購了三家新能源光伏玻璃公司（桐城新能源、合肥新能源、宜興新能源）。

目前，公司主營業務為信息顯示玻璃、新能源玻璃兩大板塊。

信息顯示玻璃板塊

主導產品為超薄電子玻璃基板。採用以產定銷、庫存銷售的經營模式，對於ITO導電膜玻璃廠商採取直銷方式；對於視窗防護屏生產商及其他生產商主要採取專業分銷商經銷方式。本公司超薄電子玻璃產能及產品品種、規格均位居國內浮法玻璃生產企業前列，具備批量生產0.12mm~2.0mm系列浮法玻璃生產能力。2018年4月，公司研發生產出0.12mm超薄浮法電子玻璃，再次創造了浮法技術工業化生產的世界最薄玻璃記錄。

新能源玻璃板塊

主導產品為光伏玻璃原片及深加工產品。主要採用直銷模式，根據產品銷售合同或訂單，將產品直接銷售給客戶。本公司光伏玻璃產品結構豐富，主要包括雙玻組件玻璃、AR光伏鍍膜玻璃、高透光光伏玻璃鋼化片、高透光光伏玻璃原片。為符合光伏產業薄型化、輕量化的發展趨勢，已研發生產出用於雙玻組件的薄型光伏玻璃，最薄產品厚度可達到1.6 mm，滿足客戶多元化需求。

從行業形勢及市場情況看。公司主導產品均位於相關產業鏈上游，屬於關鍵基礎性材料，符合產業政策和行業技術進步要求。超薄電子玻璃基板，國內和區域性市場需求保持穩定，中、高端產品市場價格穩中有升。光伏玻璃產品，主要受宏觀經濟狀況、電力能源需求、行業政策、市場供求結構等因素的影響，波動相對較大。

III BUSINESS SUMMARY OF THE COMPANY

I. Principal Businesses and Operation Model of the Company and Industrial Practices during the Reporting Period

During the reporting period, the Company successfully completed assets acquisition by issuance of shares, acquiring three new energy photovoltaic glass companies (i.e. Tongcheng New Energy, Hefei New Energy and Yixing New Energy).

At present, the Company has two major business segments, namely information display glass segment and new energy glass segment.

Information display glass segment

This business segment mainly produces ultra-thin electronic glass substrate. In this business model, sales are determined by production, and sales of inventory are adopted. Direct sale model is adopted for ITO conductive film glass manufacturers; and the model of distribution by professional distributors is mainly adopted for protective shield manufacturers and other manufacturers. The Company ranks among the leading manufacturers of ultra-thin electronic glass in China in terms of production capacity as well as product varieties and specifications. It is capable of producing 0.12mm–2.0mm series of electronic glass in large scale. In April 2018, the Company developed and produced ultra-thin float electronic glass with a width of 0.12mm, once again setting a world record for industrialized production with float technology.

New energy glass segment

This business segment mainly produces photovoltaic original glass and its further processed products. By adopting the direct sale model, products are directly sold to customers based on sales contract or purchasing orders. The Company has a diversified photovoltaic glass product portfolio, including glass for double-glass modules, AR photovoltaic coating glass, high transparent photovoltaic toughened glass and high transparent photovoltaic original glass. In order to catch up with industry trend favoring thin and lightweight photovoltaic glass, the Company has developed and produced thin photovoltaic glass for double-glass modules and is able to produce products as thin as 1.6 mm, thus satisfying the diversified needs of customers.

From the perspective of industry situation and market conditions, the main products of the Company belong to key basic materials in the upstream of information industry, which are in line with the requirements of the industrial policies and technical improvement. Demands for ultra-thin electronic glass substrate remained stable in the domestic and regional markets, and market prices of medium and high end products remained steady and showed a rising trend. As effected by macroeconomic conditions, electric power demand, industry policies, market supply and demand structure and other factors, photovoltaic glass products went through great fluctuations.

根據國家發展改革委、財政部、國家能源局《關於2018年光伏發電有關事項的通知》，受新電站上網電價調降、降低補貼標準等政策調整影響，國內光伏行業可能會出現調整期，進而導致市場對光伏玻璃的需求下降。公司將通過提高產品質量、研發並生產符合行業輕量化發展趨勢的產品，維持較高的產品價格；同時，進一步提升生產和管理技術水平，通過降低能耗、減少原材料消耗、提升產品良品率、提高設備自動化程度等有效措施降低生產成本，保持盈利能力。

二. 報告期內公司主要資產發生重大變化情況的說明

於2018年3月15日，中國證券監督管理委員會核准批覆洛陽玻璃發行股份購買資產並募集配套資金方案(以下簡稱本次重大資產重組)。

於2018年4月13日，完成本次重大資產重組有關合肥新能源100%股權、桐城新能源100%股權、宜興新能源70.99%股權的過戶交割手續及相關工商登記變更手續。合肥新能源、桐城新能源成為本公司的全資子公司，宜興新能源成為本公司的控股子公司。

於2018年4月18日，完成本次重大資產重組發行股份購買資產涉及的新增股份33,030,516股的登記發行後，公司總股本變更為559,797,391股。

According to the Notice on Matters Related to Photovoltaic Power Generation in 2018 (《關於2018年光伏發電有關事項的通知》) issued by the State Development and Reform Commission, the Ministry of Finance, and the State Energy Administration, the domestic photovoltaic industry may enter into the adjustment period due to the impacts of policy adjustments such as the lowering of on-grid tariff and subsidy standards for new power stations, which may in turn lead to a decline in the market demand for photovoltaic glass. The company will maintain high product prices by improving product quality, developing and producing products in line with the industry trend favoring lightweight products; at the same time, it will further enhance technological capacity in production and management, reduce production costs and maintain profitability through reducing the consumption of energy and raw materials, increasing the proportion of qualified products, improving automation of equipment and other effective measures.

II. MATERIAL CHANGES TO MAJOR ASSETS OF THE COMPANY DURING THE REPORTING PERIOD

On 15 March 2018, the assets acquisition by issuance of shares and supporting funds raising by Luoyang Glass (the "Significant Asset Restructuring") were approved by the CSRC.

On 13 April 2018, the procedures for transfer of ownership, delivery and related changes in industrial and commercial registration in respect of the 100% equity interest in Hefei New Energy, 100% equity interest in Tongcheng New Energy and the 70.99% equity interest in Yixing New Energy for the Significant Asset Restructuring were completed. Each of Hefei New Energy and Tongcheng New Energy has become a wholly-owned subsidiary of the Company and Yixing New Energy has become a majority-owned subsidiary of the Company.

On 18 April 2018, upon completion of the registration and issuance of 33,030,516 new shares for the assets acquisition by issuance of shares under the Significant Asset Restructuring, the total share capital of the Company has been increased to 559,797,391 shares.

三. 報告期內核心競爭力分析

品牌優勢。本公司是世界三大浮法之一「洛陽浮法玻璃工藝技術」的誕生地，曾先後榮獲「國家浮法玻璃質量獎—銀質獎」、「金質發明獎」、「全國消費者信得過產品」、「馳名商標」、「國家科學技術進步一等獎」等榮譽。「洛玻」品牌在國際、國內仍享有一定的知名度和品牌認可度。

產品研發與創新優勢。公司是國內最早開始研發並商業化生產超薄浮法玻璃產品的企業，在十餘年的超薄玻璃基板生產經營中積累了豐富的知識體系與工藝經驗，擁有浮法玻璃生產核心技術及多項自主知識產權，超薄、超白超薄浮法玻璃生產技術保持國內生產企業領先地位，並且在產品研發、工藝技術改進、質量控制等方面培養造就了核心技術團隊。近年來，公司先後率先研發並成功生產了0.20mm、0.15mm、0.12mm系列新產品，多次填補國內浮法玻璃生產技術空白。

新置入的三家新能源公司具備較高的科研水平及較強的科研轉化能力，工藝水平領先，所生產的光伏玻璃成品率高，產品質量較好，產品結構較為豐富，可以滿足下游客戶對優質光伏玻璃的需求。且三家公司均處於光伏組件廠商相對聚集的華東地區，並與主要光伏組件廠商建立了良好的合作關係，區位優勢明顯。

公司實際控制人中國建材集團為國務院國資委直屬企業，中國最大的綜合性建材產業集團，世界500強企業。在中國建材集團支持下，洛陽玻璃將打造成新玻璃業務的資本運作和產業整合平台，公司在信息顯示玻璃業務的基礎上，積極佈局新能源玻璃領域，將進一步豐富公司產品結構，拓寬產品應用範圍，提升盈利能力和整體競爭實力。

III. Analysis of Core Competitiveness during the Reporting Period

Advantages in brand. The Company is the place of origin for one of three major float glass manufacturing methods in the world –“Luoyang Float Glass Technology”. The Company has successively won “National Quality Award for Float Glass – Silver Award (國家浮法玻璃質量獎—銀質獎)”, “Gold Invention Award (金質發明獎)”, “National Consumer Trustworthy Product (全國消費者信得過產品)”, “Well-known Trademark (馳名商標) known Trademark (trustworthy Product (place of origin for one 國家科學技術進步一等獎)”, etc. “CLFG” (洛玻) brand enjoys certain popularity and brand recognition at home and abroad.

Advantages in respect of product development and innovation. As the first domestic enterprise that carried out research and development and commercial production of ultra-thin float glass products, the Company has accumulated extensive knowledge and processing experience through the production and operation of ultra-thin glass substrates for over 10 years. The Company possesses core production techniques of float glass and a number of proprietary intellectual property rights, maintaining its leading industry position in terms of the production techniques of ultra-thin glass and ultra-white ultra-thin float glass in the domestic market. Meanwhile, it fostered core technology teams in product research and development, processing technology improvement and quality control, etc. In recent years, the Company has taken the lead in the development and successful production of glass of 0.20mm, 0.15mm and 0.12mm series, filling multiple gaps in float glass production technology in China.

The three newly acquired new energy companies are equipped with high scientific research capabilities, strong abilities to put scientific research results into practical use, and processing techniques, and therefore are able to produce photovoltaic glass product at high yield rate and provide diversified portfolios of quality products, thereby meeting the downstream customers' needs for high-quality photovoltaic glass. What's more, the three companies enjoy obvious location advantages as they are located in eastern China where photovoltaic module manufacturers cluster and have built sound cooperative relationship with main photovoltaic module manufacturers.

China National Building Materials Group, the de facto controller of the Company, is an enterprise directly under the SASAC, the largest comprehensive building material group corporation in China and an enterprise of Fortune Global 500. With the support of China National Building Materials Group, Luoyang Glass will be built into a capital operation and industrial integration platform specialised in new glass business. Based on its information display glass business, the Company will proactively set its footprint in the new energy glass area, diversify its product structure and expand the utilization scope of its products, thus enhancing profitability and overall competitiveness.

第四節 經營情況的討論與分析

一、經營情況的討論與分析

報告期內，公司繼續堅持「整合優化、提質增效」的管理原則，堅持「穩價、保量、降本、收款、壓庫、調整」的經營方針，緊盯年度目標任務，生產經營保持穩中有進。

順利完成發行股份購買資產，豐富了產品結構，拓寬了業務範圍。於2018年3月15日，公司發行股份購買資產並募集配套資金暨關聯交易方案獲得中國證監會批覆。於2018年4月，完成發行股份購買資產的資產交割和新增股份發行。通過本次重組，公司在現有信息顯示玻璃業務的基礎上，增加了新能源玻璃業務。重組項目的順利實施，拓寬了公司新玻璃產品的應用範圍，實現產品種類的多元化以及客戶的多元化。公司資產規模擴大和資產質量的提高，也將進一步增強未來業務發展的穩定性和可持續性，提升盈利能力和整體競爭能力。

積極應對超薄玻璃市場競爭，補齊短板，實施生產線改造暨技術升級項目。報告期，公司子公司龍海玻璃超薄電子玻璃生產線技術改造升級項目穩步實施，新一代信息顯示超薄玻璃基板生產線的建成，將進一步優化和提升公司生產工藝技術以及核心裝備水平。預計項目將於年內建成並投產。

拓展新能源材料業務，加快超白光熱材料項目建設。超白光熱材料的生產在目前國內玻璃企業中尚為空白。為緊跟光熱行業發展趨勢，拓寬產品線，公司着力推進濮陽超白光熱材料項目。該項目已獲得國家發改委技改專項中央補助資金1億元的支持及濮陽縣政府的大力支持，項目建設工程預計有望於年內完工。

SECTION IV DISCUSSION AND ANALYSIS OF THE OPERATIONS

I. DISCUSSION AND ANALYSIS ON THE COMPANY'S OPERATIONS

During the reporting period, the Company continued following the management principles of "integration and optimization, quality improvement and benefit increase" and insisted on operation policies of "price stabilization, quantity assurance, cost reduction, receivables collection, inventory control, adjustment". On this basis, the Company maintained stable production and operation with progresses so as to achieve the goals and tasks of the year.

The Company successfully completed assets acquisition by issuance of shares, which diversified the product structure and broadened the scope of business. On 15 March 2018, the assets acquisition by issuance of shares and supporting funds raising (related party transaction) by the Company were approved by the CSRC. The Company completed the delivery of the assets in the assets acquisition by issuance of shares and the issuance of new shares in April 2018. Through this restructuring, the Company increased new energy glass business on the basis of its existing information display glass business. The successful implementation of the restructuring broadened the scope of application of the Company's new glass products, diversified product categories and customer base. With the expansion of the size of and the improvement of the quality of the assets of the Company, it is expected to further enhance the stability and sustainability of future business development, and enhance profitability and overall competitiveness.

The Company proactively coped with competitions in the ultrathin glass market, improved weak links, and carried out production line transformation and technological upgrading project. During the reporting period, the Company stably implemented the technological transformation and upgrading of the ultra-thin electronic glass production line of Longhai Electronic Glass, a subsidiary of the Company. The completion of a new generation of information display ultra-thin glass substrate production line will further optimize and improve production technology and core equipment of the Company. It is expected that the project will be completed and put into production within the year.

The Company expanded new energy materials business and sped up in the construction of the ultra-white solar thermal materials project. At present, domestic glass manufacturers haven't engaged in the production of ultra-white solar thermal materials. In order to closely follow the development trend of the solar thermal industry and expand the product line, the Company focused on advancing the Ultra-White Solar Thermal Material Project in Puyang County. The project has obtained a subsidy of RMB100 million from the central government on special technology transformation programs of the NDRC and great support from the government of Puyang County. The construction of the project is expected to complete within the year.

通過新產品研發，狠抓質量提升工程，持續開展「增節降」工作，生產經營穩中有進。報告期內，公司實現營業收入為人民幣702,362,390.74元，同比減少0.30%；實現營業利潤為人民幣37,815,921.75元，同比增加19.72%；歸屬於上市公司股東的淨利潤為人民幣21,977,671.03元，同比增加11.37%；歸屬於上市公司股東的基本每股收益為人民幣0.0395元。資產負債率為64.93%，比期初降低1.40個百分點。

(一) 主營業務分析

1. 財務報表相關科目變動分析表

科目 Item	本期數 Amount for the period	上年同期數 Amount for corresponding period last year	變動比例 Change (%)
營業收入 Operating revenue	702,362,390.74	704,459,882.70	-0.30
營業成本 Operating costs	518,623,907.37	548,925,924.41	-5.52
銷售費用 Cost of sales	21,923,965.83	28,053,678.63	-21.85
管理費用 Administrative expenses	46,521,293.38	45,271,254.41	2.76
財務費用 Financial expense	39,740,414.80	34,959,536.18	13.68
經營活動產生的現金流量淨額 Net cash flow from operating activities	-75,340,564.25	-253,446,524.14	不適用 N/A
投資活動產生的現金流量淨額 Net cash flow from investment activities	-100,402,554.79	-748,185.99	不適用 N/A
籌資活動產生的現金流量淨額 Net cash flow from financing activities	54,547,568.00	150,365,351.63	-63.72
研發支出 R&D expenses	38,443,281.67	28,683,561.88	34.03
其他收益 Other income	7,120,982.47	22,925,533.47	-68.94
信用減值損失 Credit impairment losses	-4,173,671.55		-100.00

Through new product R&D and quality improvement projects, the Company consistently carried out "improving efficiency, cutting expenditures and reducing costs" and the production and operation remained stable with progresses. During the reporting period, the Company's operating revenue amounted to RMB702,362,390.74, representing year-on-year decrease of 0.30%; operating profit amounted to RMB37,815,921.75, representing a year-on-year increase of 19.72%; net profit attributable to the shareholders of the Company amounted to RMB21,977,671.03, representing a year-on-year increase of 11.37%; and basic earnings per share attributable to shareholders of the Company amounted to RMB0.0395. Gearing ratio was 64.93%, representing a decrease of 1.40 percentage points from the beginning of the reporting period.

(I) Analysis of principal operating activities

1. Analysis of changes in relevant items in the financial statements

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

營業收入變動原因說明：本報告期同比基本持平。

營業成本變動原因說明：本報告期加強成本管理、優化產品結構使得營業成本下降。

銷售費用變動原因說明：本報告期運費下降。

管理費用變動原因說明：本報告期職工薪酬增加。

財務費用變動原因說明：本報告期票據貼息增加。

經營活動產生的現金流量淨額變動原因說明：本報告期銷售商品、提供勞務收到的現金增加。

投資活動產生的現金流量淨額變動原因說明：本報告期項目投資增加。

籌資活動產生的現金流量淨額變動原因說明：本報告期籌資淨額同比減少。

研發支出變動原因說明：本報告期加大研發投入。

其他收益變動原因說明：本報告期政府補貼同比減少。

信用減值損失變動原因說明：本報告期預期信用損失準備轉回。

Reasons for change in operating revenue: basically the same as compared with that of the corresponding period last year.

Reasons for change in operating costs: a decrease in operating costs as a result of the enhancement of cost management and optimisation of product mix in the reporting period.

Reasons for change in cost of sales: a decrease in transportation costs in the reporting period.

Reasons for change in administrative expenses: an increase in staff remuneration in the reporting period.

Reasons for change in financial expenses: an increase in interests of discounted bills in the reporting period.

Reasons for change in net cash flow from operating activities: an increase in cash received from sales of goods or rendering of services in the reporting period.

Reasons for change in net cash flow from investment activities: an increase in project investments in the reporting period.

Reasons for change in net cash flow from financing activities: a year-on-year decrease in net proceeds from financing activities in the reporting period.

Reasons for change in R&D expenses: more investment in research and development in the reporting period.

Reasons for change in other income: a year-on-year decrease in government subsidies received in the reporting period.

Reasons for change in credit impairment losses: a reversal of provision for expected credit losses in the reporting period.

2. 主營業務分行業、分產品情況

2. Principal operations by industry and product

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

主營業務分行業情況						
Principal operations by industry						
分行業	主營業務收入	主營業務成本	毛利率	主營業務收入比	主營業務成本比	毛利率比
By industry	Revenue from principal operations	Costs of principal operations	Gross profit margin	上年同期增減	上年同期增減	上年同期增減
				increase/decrease in revenue from principal operations	increase/decrease in costs of principal operations	increase/decrease in gross profit margin
			(%)	(%)	(%)	(%)
新材料	677,653,373.40	494,773,813.82	26.99	0.09	-5.66	增加4.45個百分點
New materials						Increased by 4.45 percentage points
主營業務分產品情況						
Principal operations by product						
分產品	主營業務收入	主營業務成本	毛利率	主營業務收入比	主營業務成本比	毛利率比上年增減
By product	Revenue from principal operations	Costs of principal operations	Gross profit margin	上年同期增減	上年同期增減	Year-on-year increase/decrease in gross profit margin
				increase/decrease in revenue from principal operations	increase/decrease in costs of principal operations	increase/decrease in gross profit margin
			(%)	(%)	(%)	(%)
信息顯示玻璃	163,048,829.34	117,783,730.61	27.76	6.67	5.99	增加0.46個百分點
Information display glass						Increased by 0.46 percentage point
新能源玻璃	514,604,544.06	376,990,083.21	26.74	-1.83	-8.80	增加5.60個百分點
New energy glass						Increased by 5.60 percentage points

(二) 資產、負債情況分析

(II) Analysis of assets and liabilities

1. 資產及負債狀況

1. Analytical statement of assets and liabilities

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目名稱 Item	本期期末數 Closing balance of current period	本期期末數佔 總資產的比例 Percentage of closing balance of current period over the total asset (%)	上期期末數 Closing balance of last period	上期期末數 佔總資產的比例 Percentage of closing balance of last period over the total assets (%)	本期期末 金額較上期 期末變動比例 Increase/decrease of closing balance of current period over closing balance of last period (%)	情況說明 Explanation
預付款項 Prepayments	26,031,059.93	0.67	20,321,794.16	0.51	28.09	本報告期預付供應商貨款增加 The increase in advances to suppliers in the reporting period
其他應收款 Other receivables	35,319,051.98	0.91	90,685,860.01	2.27	-61.05	本報告期土地保證金轉無形資產； 收到業績補償款 Transfer of land deposits to intangible assets; receipt of performance compensation in the reporting period
存貨 Inventories	261,049,375.38	6.72	180,924,918.81	4.53	44.29	本報告期庫存商品增加 The increase in inventories in the reporting period
在建工程 Construction in progress	443,066,812.69	11.40	282,018,299.91	7.05	57.11	本報告期新項目投資增加 The increase in investment in new projects in the reporting period
長期待攤費用 Long-term deferred expenses	4,176,191.65	0.11	5,539,138.34	0.14	-24.61	本報告期融資租賃手續費攤銷 Amortisation of handling charges for finance leasing in the reporting period
遞延所得稅資產 Deferred income tax assets	4,437,422.74	0.11	2,504,761.54	0.06	77.16	本報告期預期信用損失增加 The expected increase in credit losses in the reporting period
合同負債/預收款項 Contract liabilities/Receipts in advance	17,078,230.96	0.44	21,475,187.43	0.54	-20.47	本報告期預收客戶貨款減少 The decrease in receipts in advance from customers in the reporting period
應交稅費 Taxes payable	24,875,091.43	0.64	31,525,000.52	0.79	-21.09	本報告期支付上期應交企業所得稅 Payment of enterprise income tax of last period in the reporting period
其他應付款 Other payables	292,721,258.65	7.46	377,009,364.49	9.43	-22.36	本報告期欠款減少 The decrease in debts in the reporting period

2. 截至報告期末主要資產受限情況

2. Major restricted assets as at the end of the reporting period

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目 Item	期末賬面價值 Book value at the end of the period	受限原因 Reasons for restriction
貨幣資金 Monetary funds	101,558,855.57	銀行承兌票據保證金、信用證保證金、定期存單質押 Bank acceptance deposit, letter of credit deposit, deposit certificate pledge
應收票據 Notes receivable	53,822,634.55	質押借款 Pledged loan
固定資產 Fixed assets	487,556,863.63	抵押借款 Mortgage loan
無形資產 Intangible assets	53,454,883.89	抵押借款 Mortgage loan
合計 Total	696,393,237.64	

(三) 投資狀況分析

(III) Analysis of investment

1. 本報告期，公司完成重大資產重組，以發行股份方式購買了洛玻集團等8名交易對方持有的合肥新能源100%股權、桐城新能源100%股權、宜興新能源70.99%股權，在超薄玻璃基板業務的基礎上，發展新能源光伏玻璃業務。
2. 經公司第八屆董事會第二十三次會議審議通過，公司擬對全資子公司濮陽光材增資23,950萬元。截止本報告期末，本公司以現金和實物方式已向濮陽光材增資共計182,195,020元。

1. During the reporting period, the Company completed a significant asset restructuring. It acquired 100% equity interest in Hefei New Energy, 100% equity interest in Tongcheng New Energy and 70.99% equity interest in Yixing New Energy held by eight counterparties including CLFG by means of issuance of shares to develop new energy photovoltaic glass business on the basis of the ultra-thin glass substrate business.
2. The Company's proposed capital increase of RMB239,500,000 in Puyang Photoelectric Material, its wholly-owned subsidiary, was considered and approved at the twenty-third Board meeting of the eighth session of the Board of the Company. As at the end of the reporting period, the Company has contributed capital of RMB182,195,020 in aggregate to Puyang Photoelectric Material in cash and in kind.

(四) 主要控股參股公司分析

(IV) Analysis of major controlled and investee companies

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

公司名稱 Company name	所處行業 Industry	主要產品或服務 Major products or services	註冊資本 Registered capital	總資產 Total assets	淨資產 Net assets	淨利潤 Net profit
洛玻集團洛陽龍海電子玻璃有限公司 CLFG Longhai Electronic Glass Co., Ltd.	新材料 New materials	信息顯示玻璃 Information display glass	100,000,000.00	187,208,051.04	160,014,204.27	-5,833,580.15
洛玻集團龍門玻璃有限責任公司 CLFG Longmen Glass Co., Ltd.	新材料 New materials	信息顯示玻璃 Information display glass	20,000,000.00	133,754,145.57	-546,026,862.11	1,011,935.41
蚌埠中建材信息顯示材料有限公司 Bengbu CNBM Information Display Material Co., Ltd.	新材料 New materials	信息顯示玻璃 Information display glass	632,764,300.00	975,007,900.73	773,920,935.72	11,422,871.99
中建材(濮陽)光電材料有限公司 CNBM (Puyang) Photoelectric Material Co., Ltd.	新材料 New materials	新能源玻璃 New energy glass	240,000,000.00	292,429,254.49	181,859,410.66	667,625.00
中建材(合肥)新能源有限公司 CNBM (Hefei) New Energy Co., Ltd.	新材料 New materials	新能源玻璃 New energy glass	130,000,000.00	1,173,917,787.63	224,546,355.23	17,178,910.39
中國建材桐城新能源材料有限公司 CNBM (Tongcheng) New Energy Materials Co., Ltd.	新材料 New materials	新能源玻璃 New energy glass	133,388,980.00	498,885,342.49	245,000,532.44	11,067,925.69
中建材(宜興)新能源有限公司 CNBM (Yixing) New Energy Resources Co., Ltd.	新材料 New materials	新能源玻璃 New energy glass	313,700,000.00	949,331,661.97	345,138,666.28	10,582,092.83

二. 其他披露事項

II. OTHER DISCLOSURES

(一) 可能面對的風險

(I) Potential Risks

1. 行業政策風險

行業風險主要體現在超薄玻璃基板的應用領域側重於消費電子產品，產品更新換代速度快，對基礎材料的屬性和質量要求高變化快。上游生產商必須擁有超前的研發實力和先進的技術裝備，適應市場需求變化，生產高質量、高附加值產品才有可能保持穩定的盈利能力和較高的利潤水平。

政策風險主要體現在新能源玻璃業務受宏觀經濟狀況、電力能源需求、行業政策、市場供求結構等因素的影響較大，如相關行業政策出現重大變化，可能會影響光伏電站的建設規模和速度，從而對公司新能源玻璃業務的經營狀況和盈利能力造成影響。

1. Risks arising from the industry and policies

Risks arising from the industry are mainly reflected in the following aspects: the ultra-thin glass substrate is primarily used for consumer electronic products which are upgraded at fast pace, giving rise to the rapidly changing demands for nature and quality of basic materials. In this regard, the upstream manufacturers are required to possess cutting-edge R&D strength and technical equipment, keep abreast of the changing market demands, and produce quality products with high added-value, so as to maintain stable profitability and high profit level.

Risks arising from policies are mainly reflected in the following aspects: new energy glass business is substantially influenced by macro-economic conditions, electric power demand, industry policies, market supply-demand structure, etc. Any material changes in relevant industry policies may affect the construction size and progress of photovoltaic power stations, and in turn exert adverse impact on the operating conditions and profitability of the Company's new energy glass business.

應對措施：公司擁有核心技術團隊，在產品研發、工藝技術改進、質量控制等方面有較強的技術實力。公司將新一步加大新產品研發力度，不斷創新提升，爭做行業的領跑者。

2. 原燃材料價格風險

公司產品的主要原燃材料包括燃料、純鹼和硅砂等，採購成本佔產品成本的比重較大，原燃材料價格波動將帶來成本控制的風險。

應對措施：充分利用集中採購平台，發揮規模採購優勢；準確把握價格波動態勢，適時採購，降低採購成本；拓寬供應渠道，保證供應渠道穩定有效。

3. 新工程項目風險

新工程項目受到投入資金、建造進度以及後續市場運行、產品導入期等的制約。同時，項目投產初期可能存在生產爬坡期偏長的問題，有一定的市場風險。

應對措施：積極籌措資金，保證項目施工進度，做好項目施工管理，確保工程質量；多方收集市場信息，加強市場的前瞻性預測和分析，組織生產適銷對路的新產品；加強一線員工培訓和籌備，制定完善合理的薪酬制度，提升員工福利，穩定公司人才隊伍。

Countermeasures: The Company has a core technical team and has strong technical strength in product R&D, process technology improvement, and quality control. The Company will further increase the research and development of new products, continue to innovate and improve to strive to become the industry leader.

2. Risks arising from price of raw materials

The major raw materials of the Company's products include fuel, sodium carbonate and silica sands, the procurement costs represent a significant percentage of the product cost. Price fluctuation of raw and fuel materials might bring in certain risks in respect of increase in costs.

Countermeasures: the Company will fully capitalize on its centralized procurement platform and take good advantage of large scale procurement; accurately follow the fluctuations of prices to purchase in due course so as to reduce purchasing costs. In addition, the Company will expand supply channels to ensure the stability and efficiency of its supply channels.

3. Risks arising from new engineering projects

New engineering projects are subject to capital input, construction progress and subsequent market operation, product introduction period and other factors. In addition, certain market risks may arise from longer ramp-up period in the initial stage after the projects are put into operation.

Countermeasures: The Company will proactively raise funds to guarantee project construction progress, doing project construction management to ensure project quality; collect information from different ways to enhance forward-looking forecast and analysis of the market; organize resources to produce marketable new products; enhance training and reserve of the front-line staff and formulate comprehensive and reasonable remuneration system to increase staff's welfare and keep a stable talents team.

4. 財務風險

信用風險：本公司的信用風險主要來自於應收票據及應收賬款、其他應收款。本公司基於財務狀況、歷史經驗及其他因素來評估客戶的信用品質，優選信用良好的客戶，並定期根據客戶的信用評級足額計提壞賬準備。

流動性風險：公司的現金及現金等價物基本可以滿足本公司經營需要，同時，已獲得控股股東提供財務資助之承諾，可以滿足長、短期的資金需求。

利率風險：本公司的利率風險主要來自銀行及其他借款以及銀行存款。由於本公司大部分之費用及經營現金流均與市場利率變化並無重大關聯。因此定息之銀行借款並不會受市場利率變化而作出敏感反應。

5. 技術風險

公司核心技術均為自主研發，擁有自主知識產權，信息顯示玻璃及新能源玻璃生產工藝先進、產品研發經驗豐富，不存在技術風險。

4. *Financial risks*

Credit risk: The Company's credit risk arises mainly from notes receivable, accounts receivable and other receivables. The Company carries out credibility review on its customers based on their financial situations, historic experience and other factors, prioritizes customers with good credit and makes adequate provision for bad debts according to customers' credit ratings on a regular basis.

Liquidity risk: The Company has sufficient cash and cash equivalents to basically meet its operational needs. In addition, it has obtained financial assistance commitment from its controlling shareholders that can satisfy its long- and short-term capital demand.

Interest rate risk: The Company's interest rate risk arises mainly from bank and other loans as well as bank deposit. As there is no significant connection between the vast majority of Company's expenses and operating cash flows and the changes in market interest rates, bank loans at fixed interest rate will not be sensitive to the changes in the market interest rates.

5. *Technological risks*

All of the core techniques of the Company are self-researched and self-developed, with proprietary intellectual property rights. The Company has applied advanced techniques to its production of information display glass and new energy glass and gained abundant experience in product research and development. Therefore, the Company does not confront with technical risks regarding the above.

(二) 其他說明

1. 銀行借款和其他借貸

短期借款：本報告期末，短期借款餘額為813,234,000.00元，其中：抵押借款38,500,000.00元，擔保借款774,734,000.00元。

長期借款：長期借款餘額為511,427,821.76元（含一年內到期的長期借款餘額為197,080,091.76元），其中：銀行借款餘額為350,743,175.76元，非銀行金融機構抵押借款餘額為160,684,646.00元。

2. 流動資金及資本來源

截至2018年6月30日止本集團現金及現金等價物為人民幣77,602,290.74元。其中：美元存款為人民幣2,245,942.33元（於2017年12月31日：美元存款為人民幣7,638,541.49元），港元存款為人民幣6,041.02元（於2017年12月31日：港元存款為人民幣5,989.20元），歐元存款為人民幣0.38元（於2017年12月31日：歐元存款為人民幣111,635.78元）。與2017年12月31日總金額人民幣198,797,788.08元比較，共減少了人民幣121,195,497.34元。

本集團當期的現金流入主要來自報告期內的銷售收入、融資借款等，該等資金主要用於生產運營、償還銀行借款。

(II) Others

1. *Bank borrowings and other loans*

Short-term loans: as at the end of this reporting period, the balance of short-term loans was RMB813,234,000.00, including secured loans of RMB38,500,000.00 and guaranteed loans of RMB774,734,000.00.

Long-term loans: the balance of long-term loans was RMB511,427,821.76 (including the balance of long-term loans due within one year amounting to RMB197,080,091.76), of which: the balance of bank loans of RMB350,743,175.76 and the balance of secured loans from non-bank financial institutions of RMB160,684,646.00.

2. *Liquidity and capital resources*

As at 30 June 2018, the Group had cash and cash equivalents of RMB77,602,290.74, including US dollar deposits of RMB2,245,942.33 (31 December 2017: RMB7,638,541.49), HK dollar deposits of RMB6,041.02 (31 December 2017: RMB5,989.20) and Euro deposits of RMB0.38 (31 December 2017: RMB111,635.78), representing a decrease of RMB121,195,497.34 compared with the total amount of RMB198,797,788.08 as at 31 December 2017.

Cash inflows of the Group in the reporting period mainly came from sales revenue and financial borrowings, which were mainly used for production and operation and for repayment of bank loans.

3. 資本與負債比率

資本負債比率按期末負債總額扣除現金及現金等價物餘額除以歸母淨資產計算。於2018年6月30日，本集團按此方式計算的資本負債比率為193.68%，2017年12月31日為216.78%。

4. 或有負債

於2018年6月30日，本集團並無任何重大或有負債。

5. 匯率波動風險

本集團之資產、負債及交易主要以人民幣計算，匯率波動對本集團並無重大影響。

6. 公司員工

於2018年6月30日，本集團在冊員工人數為2227人，其中1561人為生產人員，405人為銷售、財務和技術人員，261人為行政人員。本集團的員工40.64%是大專或以上學歷畢業生。

3. *Gearing ratio*

Gearing ratio is calculated based on the total liabilities at the end of the reporting period less the balance of cash and cash equivalents and divided by net assets attributable to the parent. The gearing ratio of the Group calculated under this formula was 193.68% as at 30 June 2018, compared to 216.78% as at 31 December 2017.

4. *Contingent liabilities*

As at 30 June 2018, the Group has no material contingent liabilities.

5. *Risk of exchange rate fluctuations*

The Group's assets, liabilities and transactions are denominated in Renminbi. Therefore, fluctuations in foreign exchange rates do not have any material impact on the Group.

6. *Employees of the Company*

As at 30 June 2018, the number of employees listed on the payroll register of the Group was 2,227, of which 1,561 were production staff, 405 were sales, finance and technical staff, and 261 were administrative staff. 40.64% of the Group's staff were college graduates or above.

第五節 重要事項

一. 股東大會情況簡介

會議屆次	召開日期	決議刊登的指定網站
2018年第一次臨時股東大會	2018年4月27日	http://www.sse.com.cn/ http://www.hkexnews.hk
2017年年度股東大會	2018年6月20日	http://www.sse.com.cn/ http://www.hkexnews.hk

股東大會情況說明

2018年第一次臨時股東大會審議通過了本公司2018-2020年三年持續關聯交易協議及其預計年度上限、其項下擬進行的交易和其執行。

2017年年度股東大會審議通過了本公司2017年度董事會及監事會工作報告、2017年度財務決算報告、2017年年度報告全文及摘要、2017年利潤分配預案、2018年度財務預算報告及續聘本公司2018年度審計機構等議案。

V SIGNIFICANT EVENTS

I. Introduction of General Meetings

Session	Date	Website on which the resolutions are publicized
2018 First Extraordinary General Meeting	27 April 2018	http://www.sse.com.cn/ http://www.hkexnews.hk
2017 Annual General Meeting	20 June 2018	http://www.sse.com.cn/ http://www.hkexnews.hk

Details of General Meetings

At the 2018 first extraordinary general meeting, continuing related party transactions agreements of the Company for the three years from 2018 to 2020 and expected annual caps thereof, the transactions contemplated thereunder and their implementation were considered and approved.

At the 2017 annual general meeting, the Company's resolutions concerning the 2017 working reports of the Board and the supervisory committee, the 2017 final accounts report, the 2017 annual report and its summary, the 2017 profit distribution plan, the 2018 financial budget report and the reappointment of the auditor of the Company for the year 2018 were considered and approved.

二. 利潤分配或資本公積金轉增預案

不適用

三. 承諾事項履行情況

公司實際控制人、股東、關聯方、收購人以及公司等承諾相關方在報告期內或持續到報告期內的承諾事項列示如下：

- (1) 2014年12月31日，公司2015年重大資產重組時洛玻集團承諾在本次重組中取得的股份自發行結束之日起36個月內不得轉讓。

至報告期末，承諾方遵守了承諾。

- (2) 2015年11月2日，公司2015年重大資產重組時洛玻集團承諾蚌埠中顯在2015-2017年出現實際淨利潤數不足《資產評估報告》中預期淨利潤數的情況下，對本公司進行補償。

至報告期末，承諾方遵守了承諾。

- (3) 2015年11月2日，2015年重大資產重組時蚌埠院、國際工程針對和蚌埠中顯三方共有的16項專利權承諾：1、作為上述16項專利權的共同所有權人，在上述16項專利權的有效期內，蚌埠院和國際工程不會以任何方式使用該等專利。並且，在未取得蚌埠中顯同意的前提下，無權向共有人之外的任何第三方轉讓、處置、許可使用上述16項共有專利。2、蚌埠中顯有權單獨實施共有專利，因此產生的收益由蚌埠中顯單獨享有。3、若蚌埠院和國際工程違反上述承諾義務，將依法承擔相應的法律責任並對相關權益受損方進行賠償。

至報告期末，承諾方遵守了承諾。

II. Proposal for Profit Distribution or Conversion of Capital Reserves into Share Capital

N/A

III. Performance of Undertakings

Commitments of commitment-relevant parties including the Company's de facto controllers, shareholders, related parties, purchasers and the Company during or until the reporting period:

- (1) On 31 December 2014, when the Company underwent significant asset restructuring for 2015, CLFG committed not to transfer the shares obtained through the restructuring within 36 months after the issuance.

The aforesaid commitment has been honored as of the end of the reporting period.

- (2) 2 November 2015, when the Company underwent significant asset restructuring for 2015, CLFG committed to compensate the Company in the event that the actual net profit of Bengbu CNMB Information Display Material for the period from 2015 to 2017 falls short of the expected net profit set out in the Assets Valuation Report.

The aforesaid commitment has been honored as of the end of the reporting period.

- (3) 2 November 2015, when the Company underwent significant asset restructuring for 2015, Bengbu Institute and International Engineering made the following commitments regarding 16 patent rights jointly owned by themselves and Bengbu CNMB Information Display Material: 1) being joint owners of the aforesaid 16 patent rights, Bengbu Institute and International Engineering would not use these patent rights in any form within the valid period of the patent rights. Without the approval of Bengbu CNMB Information Display Material, Bengbu Institute and International Engineering shall have no right to transfer or dispose the aforesaid 16 patent rights to any other third parties, or permit any other third parties to use these patent rights. 2) Bengbu CNMB Information Display Material has the right to independently exercise the jointly-owned patent rights, and all incomes incurred therefrom should be solely owned by it. 3) In case of any breach of the aforesaid commitment, Bengbu Institute and International Engineering should bear corresponding legal liabilities and compensate relevant parties for the loss they suffer as a result of such breach.

The aforesaid commitments have been honored as of the end of the reporting period.

- (4) 2017年2月7日，2017年重大資產重組時洛玻集團、華光集團、蚌埠院、國際工程、凱盛集團承諾本次交易而獲得的股份自發行結束之日起36個月內不轉讓。本次交易完成後6個月內如洛陽玻璃A股股票連續20個交易日的收盤價低於發行價，或者交易完成後6個月期末收盤價低於發行價的，在本次交易中取得的洛陽玻璃股份的鎖定期自動延長至少6個月。如前述關於本次交易取得的洛陽玻璃股份的鎖定期/限售期的規定與中國證監會的最新監管意見不相符的，將根據中國證監會的監管意見進行相應調整。本次重組完成後，上述鎖定期內，由於洛陽玻璃送紅股、轉增股本等原因增持的洛陽玻璃股份，亦應遵守上述約定。

至報告期末，承諾方遵守了承諾。

- (5) 2017年2月7日，2017年重大資產重組時合肥高新投承諾因本次交易而獲得的洛陽玻璃股份自發行結束之日起12個月內不轉讓。

至報告期末，承諾方遵守了承諾。

- (6) 2017年2月7日，2017年重大資產重組時宜興環保科技、協鑫集成承諾因本次交易而獲得的洛陽玻璃股份自發行結束之日起36個月內不轉讓。

至報告期末，承諾方遵守了承諾。

- (4) 7 February 2017, when the Company underwent significant asset restructuring for 2017, CLFG, Huaguang Group, Bengbu Institute, International Engineering and Triumph Group committed not to transfer the shares obtained through the transaction within 36 months after the issuance. If the closing price of A shares of Luoyang Glass is lower than the issue price for 20 consecutive trading days within the six-month period from the completion of the transaction, or the closing price of A shares as at the end of the six-month period after the completion of the transaction is lower than the issue price, the lock-up period of shares of Luoyang Glass obtained through the transaction will be automatically extended for at least six months. Should the aforesaid requirements regarding the lock-up period/restriction period of shares of Luoyang Glass obtained through the transaction be contrary to the latest regulatory opinion of the CSRC, corresponding adjustment will be made in accordance with the regulatory opinion of the CSRC. Upon the completion of the restructuring and within the lock-up period, all additional shares to be held by Luoyang Glass as a result of Luoyang Glass' issuance of bonus shares and conversion to share capital are also subject to the above arrangement.

The aforesaid commitments have been honored as of the end of the reporting period.

- (5) 7 February 2017, when the Company underwent significant asset restructuring for 2017, Hefei Gaoxin Investment committed not to transfer the shares of Luoyang Glass obtained through the transaction within 12 months after the issuance.

The aforesaid commitment has been honored as of the end of the reporting period.

- (6) 7 February 2017, when the Company underwent significant asset restructuring for 2017, Yixing Environmental Technology and GCL System Integration committed not to transfer the shares of Luoyang Glass obtained through the transaction within 36 months after the issuance.

The aforesaid commitment has been honored as of the end of the reporting period.

- (7) 2017年2月7日，2017年重大資產重組時洛玻集團、中國建材集團、華光集團、蚌埠院、國際工程、凱盛集團承諾未來將不直接或間接從事與本次交易完成後洛陽玻璃或其下屬全資或控股子公司主營業務相同或相近的業務，以避免對洛陽玻璃的生產經營構成可能的直接或間接的業務競爭。亦將促使其下屬直接或間接控股企業不直接或間接從事任何在商業上對洛陽玻璃或其下屬全資或控股子公司主營業務構成競爭或可能構成競爭的業務或活動；如存在任何與洛陽玻璃或其下屬全資或控股子公司主營業務構成或可能構成直接或間接競爭的業務或業務機會，將放棄可能發生同業競爭的業務或業務機會，或將促使該業務或業務機會按公平合理的條件優先提供給上市公司或其全資及控股子公司，或轉讓給其他無關聯關係的第三方。

至報告期末，承諾方遵守了承諾。

- (8) 2017年2月7日，2017年重大資產重組時洛玻集團、合肥高新投、華光集團、蚌埠院、國際工程、凱盛集團、宜興環保科技、協鑫集成、中國建材集團承諾：將盡量避免或減少與本次交易完成後本公司(包括本公司現在及將來所控制的企業)之間產生關聯交易事項，對於不可避免發生的關聯業務往來或交易，將遵循市場交易的公開、公平、公正的原則，按照公允、合理的市場價格進行交易，並依據有關法律、法規、規範性文件及本公司《公司章程》的規定履行關聯交易決策程序，依法履行信息披露義務。

至報告期末，承諾方遵守了承諾。

- (7) 7 February 2017, when the Company underwent significant asset restructuring for 2017, CLFG, CNBM, Huaguang Group, Bengbu Institute, International Engineering and Triumph Group undertook that they would not directly or indirectly engage in any business that is the same as or similar to the main business of Luoyang Glass or its wholly-owned or controlled subsidiaries after the completion of the transaction, to avoid possible direct or indirect business competition for the production and operation of Luoyang Glass, and they would procure enterprises that are directly or indirectly controlled by them not to directly or indirectly engage in any business or activity that competes with or may compete with the main business of the Luoyang Glass or its wholly-owned or controlled subsidiaries in the commercial field; in case of any business or business opportunity that directly or indirectly competes with or may compete with the main business of the Luoyang Glass or its wholly-owned or controlled subsidiaries, they shall abandon or cause their directly or indirectly controlled enterprises to abandon such business or opportunity that may be competitive, or facilitate to offer the business or opportunity to the listed Company or its wholly-owned or controlled subsidiaries on fair and reasonable terms, or transfer the business or opportunity to any other third parties not related to any of them.

The aforesaid commitments have been honored as of the end of the reporting period.

- (8) 7 February 2017, when the Company underwent significant asset restructuring for 2017, CLFG, Hefei Gaoxin Investment, Huaguang Group, Bengbu Institute, International Engineering, Triumph Group, Yixing Environmental Technology, GCL System Integration and CNBM committed to avoid or minimize related party transactions between the Company (including enterprises controlled by the Company at present or in the future) upon the completion of the transaction. Any inevitable related business or transaction should be concluded on the market transaction principles of openness, fairness and equity and at fair and reasonable market prices. In addition, the decision-making procedure for related party transactions should be fulfilled in accordance with relevant laws, regulations, regulatory documents and the Articles of Associations of the Company, and the obligation for information disclosure should be fulfilled as required.

The aforesaid commitment has been honored as of the end of the reporting period.

- (9) 2017年2月7日，2017年重大資產重組時洛玻集團、蚌埠院承諾在本次交易完成後12個月內，將不轉讓在本次交易前持有的本公司股份。如該等股份由於本公司送紅股、轉增股本等原因而增加的，增加的公司股份同時遵照前述12個月的鎖定期進行鎖定。

至報告期末，承諾方遵守了承諾。

- (10) 2017年8月7日，2017年重大資產重組時交易對方承諾標的公司利潤補償期(2018-2020年)實現的實際淨利潤數不低於《資產評估報告》中的預測淨利潤數，如果標的公司未達到承諾淨利潤數，則交易對方須按照《發行股份購買資產的利潤承諾補償協議》及補充協議的約定進行補償。

至報告期末，承諾方遵守了承諾。

- (11) 2018年1月11日，2017年重大資產重組時凱盛集團承諾，如本次交易涉及的標的公司2017年度經審計的實際淨利潤之和低於以2016年10月31日為基準日的評估報告中所預測的標的公司2017年預測淨利潤之和的，凱盛集團或凱盛集團指定方將在本次交易的標的資產全部交割完成後2個月內，以現金方式將實際淨利潤之和與預測淨利潤之和的差額補償給洛陽玻璃。

至報告期末，承諾方遵守了承諾。

- (9) 7 February 2017, when the Company underwent significant asset restructuring for 2017, CLFG and Bengbu Institute committed not to transfer the shares of the Company held before the transaction within 12 months after the completion of the transaction. In case of the increased shares due to reasons such as bonus shares, capitalization of capital reserve by the Company, then the increased shares will also be locked up for a 12-month period as mentioned above.

The aforesaid commitment has been honored as of the end of the reporting period.

- (10) 7 August 2017, when the Company underwent significant asset restructuring for 2017, the counterparties undertook that the actual net profit of the target companies for the profit compensation period from 2018 to 2020 shall not be lower than the expected net profit set out in the Assets Valuation Report, in the event that the target companies fail to achieve the committed net profit, counterparties shall compensate the target company according to the arrangements of the Profit Guarantee Indemnity Agreements in relation to Acquisition of Assets by Issuance of Shares and the supplemental agreement.

The aforesaid commitment has been honored as of the end of the reporting period.

- (11) 11 January 2018, when the Company underwent significant asset restructuring for 2017, Triumph Group undertook that if the audited accumulated actual net profit in 2017 of the target companies involved in the transaction is lower than the accumulated expected net profit in 2017 of the target companies expected in the valuation report as at 31 October 2016, Triumph Group or its designated party will compensate the difference between the accumulated actual net profit and the accumulated expected net profit in cash to Luoyang Glass within 2 months upon the delivery of the target assets in the transaction.

The aforesaid commitment has been honored as of the end of the reporting period.

四. 聘任、解聘會計師事務所情況

於2018年6月20日召開的本公司2017年股東週年大會審議批准了續聘大信會計師事務所(特殊普通合伙)為本公司2018年度審計機構，並授權董事會根據審計工作量決定其酬金。

五. 重大訴訟、仲裁事項

不適用

六. 公司股權激勵計劃、員工持股計劃或其他員工激勵措施的情況及其影響

不適用

七. 重大關聯交易

(一) 與日常經營相關的持續關聯交易

事項概述	查詢索引
2018年4月27日，本公司2018年第一次臨時股東大會審議通過了本公司與中國建材集團的《技術服務框架協議》、《工程設備採購安裝框架協議》、《備品備件買賣框架協議》、《原材料銷售框架協議》、《玻璃產品買賣框架協議》、《電力供應框架協議》及其年度上限，與凱盛集團的《產品買賣框架協議》及其年度上限。本公司及其附屬公司將於2018-2020年持續獲得關聯方提供的貨品或服務，或向關聯方銷售產品。	2018-01-24臨2018-006號、 2018-04-27臨2018-030號、 http://www.sse.com.cn 、 http://www.hkexnews.hk
2018年1月10日，本公司向興業銀行股份有限公司鄭州分行申請敞口1億元人民幣授信額度，期限1年，凱盛集團自願提供連帶責任保證並簽署《最高額保證合同》。	2018-01-10臨2018-002號 http://www.sse.com.cn 、 http://www.hkexnews.hk

IV. APPOINTMENT OR DISMISSAL OF ACCOUNTING FIRMS

At the 2017 annual general meeting of the Company held on 20 June 2018, the reappointment of PKF Daxin Certified Public Accountants LLP as the auditor of the Company for the year 2018 and authorization to the Board for determining its remunerations according to the audit workload were considered and approved.

V. MATERIAL LITIGATION AND ARBITRATION MATTERS

N/A

VI. EQUITY INCENTIVES PLAN, EMPLOYEE STOCK OWNERSHIP PLAN AND OTHER EMPLOYEE INCENTIVES AND THEIR EFFECTS

N/A

VII. MATERIAL RELATED PARTY TRANSACTIONS

(I) Related party transactions relating to daily operations

Overview of Events	Search Index
On 27 April 2018, the following were considered and approved by the 2018 first extraordinary general meeting of the Company: the Technical Services Framework Agreement, the Engineering Equipment Procurement and Installation Framework Agreement, the Sale and Purchase of Spare Parts Framework Agreement, the Sale of Raw Materials Framework Agreement, the Sale and Purchase of Glass Products Framework Agreement, the Supply of Electricity Framework Agreement by and between the Company and CNBM and the Annual Caps thereof, and the Sale and Purchase of Products Framework Agreement by and between the Company and Triumph Group and the Annual Cap thereof. The Company and its subsidiaries will receive goods or services from the abovementioned related parties or sell products to them during the period from 2018 to 2020 on a continuous basis.	Announcement Lin No. 2018-006 on 24 January 2018, Announcement Lin No. 2018-030 on 27 April 2018 at http://www.sse.com.cn and http://www.hkexnews.hk
On 10 January 2018, the Company applied to Zhengzhou Branch of Industrial Bank Co., Ltd. for a credit facility of RMB100 million with a term of one year, for which Triumph Group voluntarily provided a joint liability guarantee and signed the Maximum Amount Guarantee Agreement (《最高額保證合同》).	Announcement Lin No. 2018-002 on 10 January 2018 at http://www.sse.com.cn and http://www.hkexnews.hk

事項概述

查詢索引

2018年1月26日，本公司與洛玻集團簽署《資金代付合同》，洛玻集團同意給予本公司貨款結算支持，資金代付合同項下代付資金額累計不超過人民幣2億元，以雙方實際發生額為準。

2018-01-26臨2018-011號、
<http://www.sse.com.cn>、
<http://www.hkexnews.hk>

2018年1月26日，凱盛集團分別與洛陽銀行凱東支行及中國銀行洛陽西工支行簽署《保證合同》及《最高額保證合同》，為本公司的不超過人民幣5,760萬元及人民幣10,686萬元的銀行借款提供擔保，期限1年。

2018-01-26臨2018-009號、
2018-01-26臨2018-012號、
<http://www.sse.com.cn>、
<http://www.hkexnews.hk>

2018年5月3日，本公司與控股股東洛玻集團簽署《資金代付合同》，資金代付合同項下代付資金額累計不超過人民幣6,000萬元，以雙方實際發生額為準。

2018-05-03臨2018-031號、
<http://www.sse.com.cn>、
<http://www.hkexnews.hk>

2018年6月20日，本公司與洛玻集團簽署《資金代付補充合同》。據此，洛玻集團同意在2018年5月3日雙方簽署的《資金代付合同》基礎上，增加代付資金金額累計不超過人民幣1億元，以雙方實際發生額為準。

2018-06-20臨2018-039號、
<http://www.sse.com.cn>、
<http://www.hkexnews.hk>

Overview of Events

Search Index

On 26 January 2018, the Company entered into the Alternative Capital Payment Agreement with CLFG, pursuant to which CLFG agreed to provide merchandise payment settlement support to the Company. The cumulative alternative payment amount under the Alternative Capital Payment Agreement shall not exceed RMB200 million, and is subject to the actual amount incurred between the parties.

Announcement Lin No. 2018-011 on 26 January 2018 at <http://www.sse.com.cn> and <http://www.hkexnews.hk>

On 26 January 2018, Triumph Group executed the Guarantee Agreement (《保證合同》) and the Maximum Amount Guarantee Agreement (《最高額保證合同》) with Kaidong Sub-branch of Bank of Luoyang and Luoyang Xigong Sub-branch of Bank of China respectively to provide guarantees for the Company's bank loans of not more than RMB57.60 million and RMB106.86 million, for a term of one year.

Announcement Lin No. 2018-009 on 26 January 2018 and Announcement Lin No. 2018-012 on 26 January 2018 at <http://www.sse.com.cn> and <http://www.hkexnews.hk>

On 3 May 2018, the Company and CLFG, its controlling shareholder, entered into the Alternative Capital Payment Agreement, pursuant to which the cumulative payment under the Alternative Capital Payment Agreement shall be not more than RMB60 million, and is subject to the actual amount incurred between the parties.

Announcement Lin No. 2018-031 on 3 May 2018 at <http://www.sse.com.cn> and <http://www.hkexnews.hk>

On 20 June 2018, the Company entered into the Alternative Capital Payment Supplemental Agreement (《資金代付補充合同》) with CLFG, pursuant to which CLFG agreed to increase the alternative payment by a cumulative amount of not more than RMB100 million, which is subject to the actual amount incurred between the parties, on the basis of the Alternative Capital Payment Agreement signed by both parties on 3 May 2018.

Announcement Lin No. 2018-039 on 20 June 2018 at <http://www.sse.com.cn> and <http://www.hkexnews.hk>

本報告期內，本公司與中國建材集團的《技術服務框架協議》、《工程設備採購安裝框架協議》、《備品備件買賣框架協議》、《原材料銷售框架協議》、《玻璃產品買賣框架協議》、《電力供應框架協議》及與凱盛集團的《產品買賣框架協議》項下交易，構成聯交所上市規則第十四A章項下之持續關聯交易及上交所上市規則項下之日常關聯交易。有關該等框架協議詳細情況請參見本公司於2018年4月13日發佈的股東通函及於2018年1月24日在上交所網站發佈的《2018年至2020年持續關聯交易公告》。

上述持續關聯交易於本報告期內實際發生情況列示如下。持續關聯交易根據該等交易的相關框架協議條款執行，且交易總金額均控制在年度上限以內。

During the reporting period, the transactions under the Technical Services Framework Agreement, the Engineering Equipment Procurement and Installation Framework Agreement, the Sale and Purchase of Spare Parts Framework Agreement, the Sale of Raw Materials Framework Agreement, the Sale and Purchase of Glass Products Framework Agreement, the Supply of Electricity Framework Agreement by and between the Company and CNBM and the Sale and Purchase of Products Framework Agreement by and between the Company and Triumph Group constitute continuing related party transactions under Chapter 14A of Listing Rules of the Stock Exchange and daily related party transactions under the Listing Rules of the SSE. For the details of these framework agreements, please refer to the circular of the Company dated 13 April 2018 to its shareholders and the Announcement on the Continuing Related Party Transactions for 2018-2020 dated 24 January 2018 on the website of the SSE.

Actual situation of the above continuing related party transactions during the reporting period is set out as follows. The continuing related party transactions were carried out in accordance with the terms of relevant framework agreements of these transactions, and all transaction amounts were controlled within the annual caps.

單位：萬元 幣種：人民幣
Unit: 0,000 Currency: RMB

序號 Number	交易方 Party	關聯關係 Related relationship	交易內容 Content of transactions	交易定價原則 Principle of trade pricing	2018年 預計交易金額上限 Expected cap for trade amount for 2018	2018年1-6月 實際發生的交易金額 Trade amount actually incurred from January to June 2018
1	中國建材集團 CNBM	實際控制人 De facto controller	本公司及其附屬公司向中國建材集團及其附屬公司銷售超薄玻璃、光伏玻璃及玻璃深加工等產品 The Company and its subsidiaries sold ultra-thin glass products, photovoltaic glass and deep processing of glass to CNBM and its subsidiaries	交易價格按照交易當時的市場價格確定。且不低於供應方向獨立第三方提供相同或類似產品的價格。 Transaction price is determined subject to the market price at that time and should not be lower than the price of such same or similar products provided by the Supplier to an independent third party.	36,362	3,667
2	凱盛集團 Triumph Group	股東 Shareholder	凱盛集團及其附屬公司向本公司及其附屬公司提供浮法玻璃、玻璃包裝木箱及製品 Triumph Group and its subsidiaries provided the Company and its subsidiaries with float glass, wooden cases for glass packing and relevant products	交易價格按照交易當時的市場價格確定；且不高於供應方向獨立第三方提供相同或類似產品的價格。 Transaction price is determined subject to the market price at that time and should not be higher than the price of such same or similar products provided by the Supplier to an independent third party.	2,882	532
3	中國建材集團 CNBM	實際控制人 De facto controller	中國建材集團及其附屬公司向本公司附屬子公司提供工程技術服務 CNBM and its subsidiaries provided the Company and its subsidiaries with engineering technical service	如有國家定價，則執行國家定價；如無適用的國家定價，則按市場價格確定；且不高於提供方向獨立第三方提供同類或相同工程技術服務收取的費用。 Should there be a State price, such State price should be implemented. Should there be no applicable State price, market price shall prevail and not be higher than the fee(s) charged for the similar or same technical service provided by the supplier to an independent third party.	2,400	85
4	中國建材集團 CNBM	實際控制人 De facto controller	中國建材集團及其附屬公司向本公司及其附屬公司提供工程設備、材料及工程安裝服務 CNBM and its subsidiaries provided the Company and its subsidiaries with engineering equipment, materials and engineering installation services	交易價格按照交易當時的市場價格確定。且不高於供應方向獨立第三方提供同類或相同工程設備材料及安裝所收取的價格。 Transaction price is determined subject to the market price at that time and should not be higher than the price charged for such similar or same engineering equipment, materials and installation provided by the Supplier to an independent third party.	113,700	2,820
5	中國建材集團 CNBM	實際控制人 De facto controller	中國建材集團及其附屬公司為本公司及其附屬公司提供生產設備更新及維護的備品備件 CNBM and its subsidiaries provided the Company and its subsidiaries with spare parts for update and maintenance of manufacturing equipment	交易價格按照交易當時的市場價格確定。且不高於供應方向獨立第三方提供相同或類似產品的價格。 Transaction price is determined subject to the market price at that time and should not be higher than the price of such same or similar products provided by the Supplier to an independent third party.	2,200	353
6	中國建材集團 CNBM	實際控制人 De facto controller	中國建材集團及其附屬公司向本公司及其附屬公司供應純鹼、硅砂等大宗原材料 CNBM and its subsidiaries supplied bulk raw materials such as sodium carbonate and silica sand to the Company and its subsidiaries	交易價格按照交易當時的市場價格確定。且不高於供應方向獨立第三方提供相同或類似產品的價格。 Transaction price is determined subject to the market price at that time and should not be higher than the price of such same or similar products provided by the Supplier to an independent third party.	34,737	3,681
7	中國建材集團 CNBM	實際控制人 De facto controller	中國建材集團及其附屬公司向本公司及其附屬公司提供光伏發電的電力 CNBM and its subsidiaries provided the Company and its subsidiaries with the electricity for photovoltaic power generation	交易價格按照交易當時的市場價格確定。且不高於供應方向獨立第三方提供同類或相同服務收取的費用。 Transaction price is determined subject to the market price at that time and should not be higher than the price charged for such same or similar products provided by the Supplier to an independent third party.	360	32

說明：上述持續關聯交易金額合計為人民幣11,170萬元(表中交易金額並不包含2018年3月份納入本公司合併範圍的合肥新能源、桐城新能源及2018年4月份納入本公司合併範圍的宜興新能源於2018年1-3月份期間實際發生的關聯交易金額人民幣9,559萬元)。

本報告期內，本公司與洛玻集團兩份《資金代付合同》及《資金代付補充合同》項下交易，構成上交所上市規則項下之日常關聯交易。本報告期，洛玻集團為本公司提供資金代付服務的實際交易總金額為人民幣13,212.76萬元，(其中利息支出人民幣48.33萬元，利率按照不高於中國人民銀行規定的同期貸款基準利率計算)。

本報告期內，凱盛集團為本公司融資貸款提供連帶責任保證，且不需要本公司提供反擔保及支付任何費用。擔保事項構成上交所上市規則項下之日常關聯交易。本報告期，凱盛集團為本公司提供擔保的實際金額累計為人民幣26,446萬元。

(二) 資產收購或股權收購、出售發生的關聯交易

Explanation: The total amount of the abovementioned continuing related party transactions was RMB111.70 million, excluding the related parties transaction amounts of RMB95.59 million during the period from January to March 2018 actually incurred by Hefei New Energy and Tongcheng New Energy which were consolidated into the Company's financial statements in March 2018 and Yixing New Energy which was consolidated into the Company's financial statements in April 2018.

During the reporting period, the transactions under the Alternative Capital Payment Agreement and Alternative Capital Payment Supplemental Agreement entered into between the Company and CLFG constitute daily related party transactions under the Listing Rules of the SSE. The total actual trade amount from alternative payment services provided by CLFG to the Company was RMB132,127,600 in the reporting period, including interest expenses of RMB483,300, which was calculated based on the rate not higher than the benchmark interest rate for loan for the same period provided by the People's Bank of China.

During the reporting period, Triumph Group provided a joint liability guarantee for the Company's financing loans, and did not require the provision of counter guarantee and payment for relevant expenses by the Company. The guarantee constitutes a daily related party transaction under the Listing Rules of the SSE. The accumulative actual amount for the provision of guarantee by Triumph Group to the Company was RMB264.46 million in the reporting period.

(II) Related party transactions due to acquisition or disposal of assets or equities

事項概述

查詢索引

本公司通過發行股份的方式購買合肥新能源100%股權、桐城新能源100%股權和宜興新能源70.99%股權。於2018年4月13日，完成合肥新能源、桐城新能源、宜興新能源的股權過戶交割手續及相關工商登記變更手續。於2018年4月18日，發行股份購買資產涉及的新增股份33,030,516股(均為限售流通股)已在中國證券登記結算有限責任公司上海分公司辦理完成登記手續。

臨2018-027號、臨2018-028號、臨2018-033號、臨2018-036號、臨2018-040號、臨2018-049號
<http://www.sse.com.cn>、
<http://www.hkexnews.hk>

Overview of Events

By means of issuance of shares, the Company acquired 100% equity interest in Hefei New Energy, 100% equity interest in Tongcheng New Energy and 70.99% equity interest in Yixing New Energy. On 13 April 2018, the procedures for transfer of ownership of equity interests in Hefei New Energy, Tongcheng New Energy and Yixing New Energy and the change of relevant business registration were completed. On 18 April 2018, the 33,030,516 additional shares (all being shares subject to trading moratorium) involved in acquisition of assets by issuance of shares were registered with the Shanghai branch of China Securities Depository and Clearing Corporation Limited.

Search Index

Announcement Lin No.2018-027, Announcement Lin No.2018-028, Announcement Lin No.2018-033, Announcement Lin No. 2018-036, Announcement Lin No. 2018-040 and Announcement Lin No. 2018-049 at <http://www.sse.com.cn> and <http://www.hkexnews.hk>

八. 重大合同及其履行情况

1 託管、承包、租賃事項

不適用。

2 擔保情況

本報告期，公司無對外擔保。

本公司對子公司的擔保總額為7,000萬元，擔保總額佔本公司最近一期經審計淨資產的比例約為13%。

九. 環境信息情況

本報告期，本公司認真貫徹落實國家、省市環境保護政策法規，積極響應《中華人民共和國國民經濟和社會發展第十三個五年規劃綱要》、《國務院「十三五」節能減排綜合性工作方案》、《節能減排規劃(2016-2020年)》等相關產業政策，以綠色發展為引領，在確保各項排放指標穩定達標的前提下，堅持走低消耗、高效率、可循環、少排放的新型企業成長道路。通過嚴格管理、持續改進、管理創新，推進本公司環保水平提升，實現企業的可持續發展。

1. 主要污染物信息

玻璃生產製造過程中產生的污染物，主要為含塵氣體、熔窯排出的煙氣、噪聲、廢水和固體廢棄物。報告期內，本公司生產線相關污染治理設施均運轉正常，各排放口排放濃度全部達到相應的污染物排放標準。現執行的污染物排放標準為：

VIII. MATERIAL CONTRACTS AND IMPLEMENTATION THEREOF

1 Custody, contracting and leasing matters

N/A.

2 Guarantees

During the reporting period, the Company did not have any external guarantee.

The Company had guarantees for subsidiaries totaling RMB70 million, accounting for approximately 13% of the latest audited net assets of the Company.

IX. Information on environment protection

During the reporting period, the Company earnestly implemented the national, provincial and municipal environmental protection policies and regulations, and actively responded to the 13th Five-Year Plan for National Economic and Social Development of the People's Republic of China (《中華人民共和國國民經濟和社會發展第十三個五年規劃綱要》), the Comprehensive Work Plan on Energy Conservation and Emission Reduction of the State Council for the "13th Five-Year" Period (《國務院「十三五」節能減排綜合性工作方案》), the Plan for Energy Conservation and Emission Reduction (2016-2020) (《節能減排規劃(2016-2020年)》) and other relevant industry policies. Under the guidance of green development and the premise of ensuring the fulfillment of the various emission standards in a stable manner, the Company follows through the new enterprise growth path featuring low energy consumption, high efficiency, less emissions and recycling. The Company aims to promote its environmental protection capacity and achieve sustainable development through strict management, continuous improvement, and management innovation.

1. Information on major pollutants

Major pollutants generated from the production process: dust-laden gases, and smoke, noise, waste water and solid waste emitted from furnaces. During the reporting period, all the pollutant treatment facilities in the production lines of the Company were under normal operation, and the discharge concentration from each discharge outlet fulfilled the corresponding pollutant discharge standards. The Company adheres to the following pollutant discharge standards:

廢水：pH、COD、SS、BOD5、NH3-N、石油類等污染物執行《污水綜合排放標準》(GB 8978-1996)一級標準；廢氣：NO_x、SO₂和顆粒物執行《電子玻璃工業大氣污染物排放標準》(GB29495-2013)，其中：顆粒物≤50mg/Nm³、NO_x≤700mg/Nm³、SO₂≤400mg/Nm³；噪聲：執行《工業企業廠界環境噪聲排放標準》(GB 12348-2008)

2. 防治污染的設施的建設和運行情況

本公司成立節能減排工作領導小組，根據相關法律法規配備專業人員，關鍵崗位的管理人員均取得職業資格證書。公司通過不斷改進工藝技術，降低能耗和污染物排放水平，提高能源利用效率，實現清潔生產。主要措施包括：玻璃生產線均採用天然氣作為燃料，通過改進燃燒方式進一步降低能耗和污染物排放，實施清潔生產。

加強脫硫脫硝除塵等環保設施運行管理，確保環保設施處於良好運行狀態，保證脫硫脫硝除塵效率，減少SO₂、氮氧化物和煙塵的排放。通過採用富氧燃燒技術，改進助燃風取風口，熱修蓄熱室，加強窯體保溫，合理調整生產工藝參數等多項措施，以減少天然氣使用量，降低燃料成本和SO₂、NO_x排放量。重視水資源的循環利用，收集餘熱鍋爐排出的廢水，儲存在由沉澱池、再生池和吸收液等設施組成的循環水池內，重新循環應用到熔窯煙氣除塵脫硫系統中。熔窯冷卻水採取全封閉循環，只需補充少量給水。

Wastewater: to follow the Integrated Wastewater Discharge Standard 《(污水綜合排放標準)》(GB 8978-1996) Class I in respect of pH, COD, SS, BOD5, NH3-N, petroleum and other relevant pollutants; Exhaust: to follow the Emission Standard of Air Pollutants for Electronic Glass Industry 《(電子玻璃工業大氣污染物排放標準)》(GB29495-2013) in respect of NO_x, SO₂ and atmospheric particulates; Noise: to follow the Emission Standard for Industrial Enterprises Noise at Boundary 《(工業企業廠界環境噪聲排放標準)》(GB 12348-2008).

2. Construction and operation of pollution prevention and control facilities

The Company has established a panel and assigned professionals to lead the work on energy conservation and emission reduction according to relevant laws and regulations. All key managers concerned have obtained professional credentials. The Company reduces energy consumption and pollutant discharges, improves energy utilization efficiency and achieves clean production in virtue of incessant improvement in processing technology. Major measures adopted includes: All production lines are fueled by natural gas and further reduction of energy consumption and pollutant discharge are achieved by improving combustion methods, thus implementing clean production.

In addition to strengthening operation and management of environmental protection facilities for desulphurization, denitration and dedusting to ensure sound operation conditions of the environmental protection facilities, guarantee high efficiency of desulphurization, denitration and dedusting and reduce emission of SO₂, NO_x and smoke dust, the Company takes a range of measures to reduce utilization of natural gas, cut the cost of fuel and decrease emission of SO₂ and NO_x. Relevant measures included the adoption of oxygen-enriched combustion technology, improvement in the air vent of the combustion fan, hot repair for the regenerator, heat preservation for the furnace wall and reasonable adjustments of certain parameters in the manufacturing processing. Moreover, the Company attaches importance to the reuse of water resources. It collects wastewater from the waste heat boiler, stores such in the circulating reservoir consisting of sedimentation pond, regeneration pool, absorbent device as well as other facilities and then reuses them in the fume dedusting and desulphurization system of the melting furnace. Besides, the Company applies a full guard coolant water system to the melting furnace, which only takes a small amount of water feed.

3. 建設項目環境影響評價及其他環境保護行政許可情況

本公司建設項目環評手續齊備，各項工程和配套環保設施建設完備。報告期內，本公司所屬龍海玻璃、龍門玻璃、桐城新能源公司已按照《排污許可證申請與核發技術規範—玻璃工業平板玻璃》(HJ 856-2017)要求，分別取得了洛陽市環保局、安慶市環保局頒發的《排污許可證》。

4. 突發環境事件應急預案

依據《中華人民共和國突發事件應對法》、《危險化學品重大危險源辨識》(GB18218-2009)、《河南省企業事業單位突發環境事件應急預案管理辦法(試行)》等相關文件，結合本公司實際情況，各子公司分別編製了《公司突發環境事件應急預案》，並於所在地環保部門進行備案。

《公司突發環境事件應急預案》主要適用於所屬各子公司應對可能發生的，負責處置或參與處置的一般突發環境事件及次生或衍生環境事件。具體包括：氨水泄漏引起的突發環境事件；瓶裝SO₂氣體泄漏引起的突發環境事件；天然氣氫氣泄漏引起的突發環境事件；消防廢水從雨水管道外排引起的突發環境事件；污水處理設施故障導致超標廢水外排引起的突發環境事件；收塵系統故障引起的突發環境事件；煙氣、尾氣處理設施故障引起的突發環境事件。

3. Environmental effect assessment of construction projects and other environment protection administrative permits

The Company has undergone complete environment assessment procedures for the construction projects, and each construction project has been equipped with adequate supporting environmental protection facilities. During the reporting period, each of Longhai Glass, Longmen Glass and Tongcheng New Energy, which were owned by the Company, had obtained the Pollutant Discharge Permit from Luoyang Environmental Protection Bureau and Anqing Environmental Protection Bureau, respectively, in accordance with the requirements of the Technical Specification for Application and Issuance of Pollutant Permit – Glass Industry Sheet Glass (《排污許可證申請與核發技術規範--玻璃工業平板玻璃》) (HJ 856-2017).

4. Contingency plan for environmental emergency

According to the Emergency Response Law of the People's Republic of China (《中華人民共和國突發事件應對法》), the Standard of Identification of Major Hazards Installation of Dangerous Chemicals (《危險化學品重大危險源辨識》) (GB 182819-2009), the Administrative Measures for Contingency Plan for Environmental Emergency of Enterprises and Institutions in Henan Province (Trial) (《河南省企業事業單位突發環境事件應急預案管理辦法(試行)》) and other relevant documents, each subsidiary of the Company has formulated the Contingency Plan for Environmental Emergency in consideration of the actual situation of the Company and filed the same with the local environmental authorities.

The Contingency Plan for Environmental Emergency mainly applies to possible general environmental emergency and secondary or derivative environmental issues, the disposition of which is in the charge of relevant subsidiaries or requires their participation. Such incidents include: environmental emergencies caused by ammonium hydroxide leakage, bottled SO₂ gas leakage, natural gas or hydrogen leakage, fire water discharge from rainwater pipelines, and discharging of wastewater in compliance with standards due to failure of wastewater treatment facilities as well as those caused by the failure of dust collection system and the failure of fume and exhausts treatment system.

5. 環境自行監測方案

按照《環保法》第四十二條、第五十五條及2016年環境保護部印發《關於實施工業污染源全面達標排放計劃的通知》(環監[2016]172號)和環境境保護部印發《排污單位自行監測技術指南總則》的要求，本公司所屬龍海玻璃、龍門玻璃生產線已經建設污染源在線監測設施，監測數據包括煙氣流速、溫度、壓力、SO₂、NO_x、顆粒物等，並定期委託有資質的第三方監測機構對公司廢水、廢氣和噪聲源進行監測。其他子公司正在根據生產線所在地環保部門要求，按計劃實施污染源在線監測設施的建設。

5. Environment self-monitoring program

In accordance with Articles 42 and 55 of the Environmental Protection Law and the Notice on Implementation of Total Emission Reduction Plan for Industrial Pollution Sources (Huan Jian [2016] No. 172) (《關於實施工業污染源全面達標排放計劃的通知》(環監[2016]172號)) issued by the Ministry of Environmental Protection in 2016 and the General Rules for Technical Guidance on Self-monitoring of Pollutant Discharging Organizations (《排污單位自行監測技術指南總則》) issued by the Ministry of Environmental Protection, the production lines of Longhai Glass and Longmen Glass, both subsidiaries of the Company, have been equipped with on-line pollutant source detection facilities to detect the flow velocity, temperature and pressure of fume, SO₂, NO_x, particulate matters, etc., and engaged competent third-party monitoring agencies to monitor the wastewater, waste gas and noise on a regular basis. Besides, other subsidiaries are constructing on-line pollutant source detection facilities as scheduled pursuant to the requirements of the local environmental protection departments in regions where the production lines are located.

十. 其他重大事項的說明

- (一) 與上一會計期間相比，會計政策、會計估計和核算方法發生變化的情況、原因及其影響

中國財政部自2017年3月31日修訂印發了企業會計準則第22號—金融工具確認和計量(財會[2017]7號)、《企業會計準則第23號—金融資產轉移》(財會[2017]8號)、《企業會計準則第24號—套期會計》(財會[2017]9號)，於2017年5月2日修訂印發了《企業會計準則第37號—金融工具列報》(財會[2017]14號)(上述準則以下統稱「新金融工具準則」)；於2017年7月5日修訂印發了《企業會計準則第14號—收入》(財會[2017]22號)(以下簡稱「新收入準則」)，要求在境內外同時上市的企業以及在境外上市並採用國際財務報告準則或企業會計準則編製財務報告的企業自2018年1月1日起執行新金融工具準則和新收入準則。

X. Other Significant Events

- (I) Particulars of and reasons for changes in the accounting policy, accounting estimate and method of review and impact thereof as compared with the previous accounting period

The Ministry of Finance of the PRC released the revised Accounting Standards for Business Enterprises No. 22 – Recognition and Measurement of Financial Instruments (Cai Kuai [2017] No. 7), Accounting Standards for Business Enterprises No. 23 – Transfer of Financial Assets (Cai Kuai [2017] No. 8) and Accounting Standards for Business Enterprises No. 24 – Hedge Accounting (Cai Kuai [2017] No. 9) since 31 March 2017, and released the revised Accounting Standards for Business Enterprises No. 37 – Presentation of Financial Instruments (Cai Kuai [2017] No. 14) on 2 May 2017 (collectively referred to as “New FI Standards”), and on 5 July 2017 released the revised Accounting Standard for Business Enterprises No. 14 – Revenue (Cai Kuai [2017] No. 22) (hereafter referred to as “New Revenue Standard”). Companies that are dually listed on domestic and foreign stock exchanges and companies that are listed on foreign stock exchanges and adopt International Financial Reporting Standards or Accounting Standards for Business Enterprises are required to apply the New FI Standards and the New Revenue Standard when preparing their financial statements since 1 January 2018.

本公司自2018年1月1日起執行上述新金融工具準則和新收入準則，對收入、金融工具方面的會計政策相關內容進行調整，並根據《財政部關於修訂印發2018年度一般企業財務報表格式的通知》(財會[2018]15號)編製2018年半年報財務報表。

上述會計政策變更對本公司的影響如下：

1. 執行新收入準則方面

本公司按照準則的規範重新評估本公司主要合同收入的確認和計量、核算和列報等方面；經本公司對收入來源及客戶合約流程進行覆核以評估新收入準則對財務報表的影響，本公司的收入主要為銷售產品取得的收入，且均來源於與客戶簽訂的核定價格的產品銷售合同，收入確認時點為將產品控制權轉移至客戶時確認收入，採用新收入準則對本公司財務報表無重大影響。

2. 執行新金融工具準則方面

新金融工具準則將金融資產劃分為三個基本分類：(1)以攤餘成本計量的金融資產；(2)以公允價值計量且其變動計入其他綜合收益的金融資產；(3)以公允價值計量且其變動計入當期損益的金融資產。

新金融工具準則以「預期信用損失」模型替代了原金融工具準則中的「已發生損失」模型。「預期信用損失」模型要求持續評估金融資產的信用風險。

The Company has adopted the New FI Standards and the New Revenue Standard since 1 January 2018, adjusting its accounting policies relating to revenue and financial instruments, and preparing its 2018 interim financial statements pursuant to the Notice of the Ministry of Finance on Revising and Issuing the Format of Financial Statements of General Enterprises for 2018 (《財政部關於修訂印發2018年度一般企業財務報表格式的通知》) (Cai Kuai [2018] No. 15).

Impact of aforementioned changes in accounting policies on the Company:

1. Application of the New Revenue Standard

Pursuant to the requirements of the standard, the Company reassessed the recognition and measurement, accounting treatment and presentation of revenue from major contracts. The Company assessed the impact of the New Revenue Standard on its financial statements based on a review of its revenue sources and performance process of contracts with customers. Since the Company derives its revenue mainly from sales of products under sales contracts entered into with customers, revenue is recognized when the control of the products is transferred to relevant customer. The adoption of the New Revenue Standard has no material impact on the financial statements of the Company.

2. Application of the New FI Standards

Under the New FI Standards, financial assets are classified into three basic categories: (1) financial assets at amortized cost; (2) financial assets at fair value through other comprehensive income; and (3) Financial assets at fair value through profit or loss.

Under the New FI Standards, the “incurred loss” model is replaced by “expected credit loss” model which requires continuous assessment of the credit risk involved in financial assets.

本公司按照新金融工具準則的規定，對金融工具進行分類和計量，涉及前期比較財務報表數據與新金融工具準則要求不一致的，無需進行調整。金融工具原賬面價值和在新金融工具準則施行日的新賬面價值之間的差額，計入新金融工具準則施行日所在年度報告期間的期初留存收益。

3. 會計政策變更對公司財務列報的影響

- (1) 對本公司2018年1月1日合併資產負債表及母公司資產負債表各項目的影響列示如下：

The Company classifies and measures its financial assets pursuant to the requirements under the New FI Standards, without adjusting corresponding figures in comparative financial statements that were prepared under requirements different from those of the New FI Standards. The differences between the financial instruments' original carrying amount and new carrying amount upon initial adoption of the New FI Standards is included in the opening retained earnings of the reporting period in which the New FI Standards are adopted.

3. Impact of the changes in accounting policies on the presentation of the Company's financial statements

- (1) Impact on the items of the consolidated balance sheet of the Company as at 1 January 2018 and the balance sheet of the parent company is shown as follows:

單位：元
Unit: Yuan

合併資產負債表項目 Items of consolidated balance sheet	會計政策變更前	新收入準則影響 Impact of the New Revenue Standard	新金融工具 準則影響 Impact of the New FI Standards	財務報表 列報調整影響 Impact of the Presentation Adjustments	財務報表
	2017年12月31日餘額 Balance as at 31 December 2017 before changes in accounting policies				列報調整影響 會計政策變更後 2018年1月1日餘額 Balance as at 1 January 2018 after changes in accounting policies
資產：					
Assets:					
應收票據 Notes receivable	490,712,129.45			-490,712,129.45	
應收賬款 Accounts receivable	531,850,536.95			-531,850,536.95	
應收票據及應收賬款 Notes and accounts receivable			-15,394,947.77	1,022,562,666.40	1,007,167,718.63
其他應收款 Other receivables	90,685,860.01		-1,802,629.38		88,883,230.63
可供出售金融資產 Available-for-sale financial assets					
其他權益工具投資 Other investments in equity instruments					
遞延所得稅資產 Deferred income tax assets	2,504,761.54		2,782,426.31		5,287,187.85
在建工程 Construction in progress	282,004,319.33			13,980.58	282,018,299.91
工程物資 Engineering materials	13,980.58			-13,980.58	

單位：元
Unit: Yuan

合併資產負債表項目	會計政策變更前 2017年12月31日餘額 Balance as at 31 December 2017 before changes in accounting policies	新收入準則影響 Impact of the New Revenue Standard	新金融工具 準則影響 Impact of the New FI Standards	財務報表 列報調整影響 Impact of the Presentation Adjustments	會計政策變更後 2018年1月1日餘額 Balance as at 1 January 2018 after changes in accounting policies
負債：					
Liabilities:					
應付票據	139,568,673.34			-139,568,673.34	
Notes payable					
應付賬款	572,025,989.83			-572,025,989.83	
Accounts payable					
應付票據及應付賬款				711,594,663.17	711,594,663.17
Notes and accounts payable					
預收賬款	21,475,187.43	-21,475,187.43			
Payments received in advance					
合同負債		21,475,187.43			21,475,187.43
Contract liabilities					
應付利息	3,418,456.33			-3,418,456.33	
Interest payable					
其他應付款	373,590,908.16			3,418,456.33	377,009,364.49
Other payables					
股東權益					
Shareholders' equity					
未分配利潤	-1,338,290,605.36		-11,706,971.58		-1,349,997,576.94
Retained earnings					
少數股東權益	214,501,306.52		-2,708,179.26		211,793,127.26
Minority interests					

單位：元
Unit: Yuan

母公司資產負債表項目	會計政策變更前 2017年12月31日餘額 Balance as at 31 December 2017 before changes in accounting policies	新收入準則影響 Impact of the New Revenue Standard	新金融工具 準則影響 Impact of the New FI Standards	財務報表 列報調整影響 Impact of the Presentation Adjustments	會計政策變更後 2018年1月1日餘額 Balance as at 1 January 2018 after changes in accounting policies
資產：					
Assets:					
應收票據	7,469,611.05			-7,469,611.05	
Notes receivable					
應收賬款	204,327,727.83			-204,327,727.83	
Accounts receivable					
應收票據及應收賬款			-156,945.53	211,797,338.88	211,640,393.35
Notes and accounts receivable					
其他應收款	31,131,296.66		-310,594.67		30,820,701.99
Other receivables					
可供出售金融資產					
Available-for-sale financial assets					
其他權益工具投資					
Other investments in equity instruments					
負債：					
Liabilities:					
應付賬款	5,062,801.26			-5,062,801.26	
Accounts payable					
應付票據及應付賬款				5,062,801.26	5,062,801.26
Notes and accounts payable					
預收賬款	7,813,062.37	-7,813,062.37			
Payments received in advance					
合同負債		7,813,062.37			7,813,062.37
Contract liabilities					
應付利息	472,432.69			-472,432.69	
Interest payable					
其他應付款	465,380,879.74			472,432.69	465,853,312.43
Other payables					
股東權益					
Shareholders' equity					
未分配利潤	-1,396,267,053.32		-467,540.20		-1,396,734,593.52
Retained earnings					

(2) 財政部財會[2018]15號文件對本公司2017年半年度合併利潤表項目影響列示如下：

(2) Impact of Cai Kuai [2018] No. 15 issued by the Ministry of Finance on the items of the Company's 2017 interim consolidated income statement is shown as follows:

單位：元
Unit: Yuan

合併利潤表項目	調整前金額	調整金額	調整後金額
Items of consolidated income statement	Amount before adjustment	Adjusted amount	Amount after adjustment
管理費用 Administration expenses	73,954,816.29	-28,683,561.88	45,271,254.41
研發費用 Research and development expenses		28,683,561.88	28,683,561.88

(二) 其他說明

(II) Other Explanations

1. 股份回購、出售及贖回

報告期內，本公司或其任何附屬公司概無回購、出售及贖回本公司的任何證券。

1. Repurchase, sale and redemption of shares

During the reporting period, neither the Company nor any of its subsidiaries had repurchased, sold and redeemed any securities of the Company.

2. 審計委員會

本公司董事會審計(或審核)委員會已審閱了中期報告。

2. Audit Committee

The audit committee of the Board of the Company has reviewed this interim report.

3. 企業管治守則之遵守

報告期內，本公司已遵守聯交所上市規則附錄十四《企業管治常規守則》所載之所有守則條文。

3. Compliance with the Corporate Governance Code

During the reporting period, the Company complied with all the code provisions under the Corporate Governance Code as set out in Appendix 14 to the Rules Governing the Listing of Securities on The Hong Kong Stock Exchange.

4. 標準守則之遵守

本公司在向所有董事和監事做出特定查詢後，所有董事和監事均確認本報告期內已遵守聯交所上市規則附錄十所載的《上市發行人董事進行證券交易的標準守則》中所規定的標準。

4. Compliance with the Model Code

Having made specific enquires to all Directors and supervisors, the Company confirmed that all Directors and supervisors have complied with the Model Code for Securities Transactions by Directors of Listed Issuers (the "Model Code") set out in Appendix 10 to the Listing Rules throughout the reporting period.

第六節 普通股股份變動及股東情況

一、股本變動情況

(一) 股份變動情況

1. 股份變動情況表

VI CHANGES IN SHAREHOLDING OF ORDINARY SHARES AND INFORMATION OF SHAREHOLDERS

I. Change in Share Capital

(I) Changes in shares

1. Table of changes in shares

單位：股

Unit: share

		本次變動前 Before the change		發行新股 New shares	本次變動增減(+,-) Increase/decrease (+,-)			小計 Sub-total	本次變動後 After the change	
		數量 Number	比例 Percentage (%)		送股 Bonus shares	公積金轉股 Capital reserve transferred to shares	其他 Others		數量 Number	比例 Percentage (%)
一、有限售條件股份	I. Shares subject to trading moratorium	15,000,000	2.85	+33,030,516			+33,030,516	48,030,516	8.58	
1. 國家持股	1. Shares held by the state									
2. 國有法人持股	2. Shares held by state-owned legal person	15,000,000	2.85	+31,256,568			+31,256,568	46,256,568	8.26	
3. 其他內資持股	3. shares held by other domestic shareholders			+1,773,948			+1,773,948	1,773,948	0.32	
其中：境內非國有法人持股	Including: Shares held by domestic Non-state-owned legal persons									
境內自然人持股	Shares held by domestic natural persons									
4. 外資持股	4. Shares held by overseas shareholders									
二、無限售條件流通股份	II. Shares not subject to trading moratorium	511,766,875	97.15					511,766,875	91.42	
1. 人民幣普通股	1. Renminbi ordinary shares	261,766,875	49.69					261,766,875	46.76	
2. 境內上市的外資股	2. Domestic listed foreign shares									
3. 境外上市的外資股	3. Overseas listed foreign shares	250,000,000	47.46					250,000,000	44.66	
三、股份總數	III. Total shares	526,766,875	100.00	+33,030,516			+33,030,516	559,797,391	100.00	

2. 股份變動情況說明

根據中國證券監督管理委員會《關於核准洛陽玻璃股份有限公司向中國洛陽浮法玻璃集團有限責任公司等發行股份購買資產並募集配套資金的批覆》(證監許可[2018]475號)文件，報告期內，公司完成重大資產重組有關發行股份購買資產事項。於2018年4月18日，本次發行股份購買資產涉及的新增股份33,030,516股(均為限售流通股)，在中國證券登記結算有限責任公司上海分公司辦理完成登記託管手續。本次發行後，公司總股本變更為559,797,391股。

2. Explanation on changes in shares

Based on the "Approval on Purchase of Assets by Share Issue to China Luoyang Float Glass (Group) Company Limited*, etc. and Raising of Supporting Funds by Luoyang Glass Company Limited* (關於核准洛陽玻璃股份有限公司向中國洛陽浮法玻璃集團有限責任公司等發行股份購買資產並募集配套資金的批覆)" (Zheng Jian Xu Ke [2018] No. 475) from the CSRC, the Company has completed the significant assets restructuring in respect of purchase of assets by share issue in the reporting period. On 18 April 2018, the 33,030,516 additional shares (all being shares subject to trading moratorium) involved in purchase of assets by share issue were registered with the Shanghai branch of China Securities Depository and Clearing Corporation Limited. After the issue, the total share capital of the Company has increased to 559,797,391 shares.

(二) 限售股份變動情況

(II) Changes in shares subject to trading moratorium

單位：股
Unit: share

股東名稱	期初限售股數	報告期 解除限售股數	報告期 增加限售股數	報告期末 限售股數	限售原因	解除限售日期
Shareholder's name	Number of shares subject to trading moratorium at the beginning of the period	Number of shares released from trading moratorium during the reporting period	Increase in shares subject to trading moratorium during the reporting period	Number of shares subject to trading moratorium at the end of the reporting period	Reason for moratorium	Date of Shares released from trading moratorium
洛玻集團	15,000,000	0	10,097,588	25,097,588	非公開發行股份	2018年12月29日解除15,000,000股、2021年4月17日解除10,097,588股
CLFG					Non-public issuance	15,000,000 shares will be released on 29 December 2018, and 10,097,588 shares will be released on 17 April 2021
合肥高新投 Hefei Gaoxin Investment	0	0	3,029,276	3,029,276	非公開發行股份 Non-public issuance	2019年4月17日 17 April 2019
華光集團 Huaguang Group	0	0	6,377,490	6,377,490	非公開發行股份 Non-public issuance	2021年4月17日 17 April 2021
蚌埠院 Bengbu Institute	0	0	2,365,976	2,365,976	非公開發行股份 Non-public issuance	2021年4月17日 17 April 2021
國際工程 International Engineering	0	0	708,610	708,610	非公開發行股份 Non-public issuance	2021年4月17日 17 April 2021
凱盛集團 Triumph Group	0	0	7,508,991	7,508,991	非公開發行股份 Non-public issuance	2021年4月17日 17 April 2021
宜興環保科技 Yixing Environmental Technology	0	0	1,877,247	1,877,247	非公開發行股份 Non-public issuance	2021年4月17日 17 April 2021
協鑫集成 GCL System Integration	0	0	1,065,338	1,065,338	非公開發行股份 Non-public issuance	2021年4月17日 17 April 2021
合計 Total	15,000,000	0	48,030,516	48,030,516	／	／

二. 股東情況

(一) 股東總數：

截止報告期末普通股股東總數(戶)
Total number of holders of ordinary shares
as at the end of the reporting period

(二) 截止報告期末前十名股東、前十名流通股東(或無限售條件股東)持股情況表

II. Information of Shareholders

(I) Total number of shareholders:

54,813(其中A股54767戶·H股46戶)
54,813 shareholders (including 54,767 holders of A shares
and 46 holders of H shares)

(II) Shareholdings of the top 10 shareholders and top 10 circulated shareholders (or holders of shares not subject to trading moratorium) as at the end of the reporting period

單位：股
Unit: share

前十名股東持股情況
Shareholdings of top ten shareholders

股東名稱(全稱) Name of shareholder (Full name)	報告期內增減 Increase/ decrease during the reporting period	期末持股數量 Number of shares at the end of reporting period	比例 Percentage (%)	持有有限售 條件股份數量 Number of shares held subject to trading moratorium	質押或凍結情況 Pledged or frozen		股東性質 Nature of shareholder
					股份狀態 Status of shares	數量 Quantity	
HKSCC NOMINEES LIMITED	0	248,680,699	44.42	0	未知 Unknown	0	境外法人 Overseas legal person
中國洛陽浮法玻璃集團有限責任公司 China Luoyang Float Glass (Group) Company Limited	+10,097,588	115,115,830	20.56	25,097,588	質押 Pledged	41,000,000	國有法人 State-owned legal person
中建材蚌埠玻璃工業設計研究院有限公司 Bengbu Design & Research Institute for Glass Industry	+2,365,976	71,365,976	12.75	2,365,976	無 Nil	0	國有法人 State-owned legal person
凱盛科技集團有限公司 Triumph Science & Technology Co., Ltd.	+7,508,991	7,508,991	1.34	7,508,991	無 Nil	0	國有法人 State-owned legal person
安徽華光光電材料科技集團有限公司 Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd.	+6,377,490	6,377,490	1.14	6,377,490	無 Nil	0	國有法人 State-owned legal person
合肥高新建設投資集團公司 Hefei Gaoxin Development and Investment Group Company*	+3,029,276	3,029,276	0.54	3,029,276	無 Nil	0	國有法人 State-owned legal person
宜興環保科技創新創業投資有限公司 Yixing Environmental Technology Innovation Venture Investment Co., Ltd.*	+1,877,247	1,877,247	0.34	1,877,247	無 Nil	0	國有法人 State-owned legal person
協鑫集成科技股份有限公司 GCL System Integration Technology Co., Ltd.	+1,065,338	1,065,338	0.19	1,065,338	無 Nil	0	境內非國有法人 Domestic non- state-owned legal person
中國建材國際工程集團有限公司 China Triumph International Engineering Co., Ltd.	+708,610	708,610	0.13	708,610	無 Nil	0	境內非國有法人 Domestic non- state-owned legal person
香港中央結算有限公司 Hong Kong Securities Clearing Company Limited	-157,715	442,575	0.08	0	未知 Unknown	0	境外法人 Overseas legal person

單位：股
Unit: share

前十名無限售條件股東持股情況
Shareholdings of the top 10 holders of shares not subject to trading moratorium

股東名稱 Name of shareholder	持有無限售條件 流通股的數量 Number of circulating shares not subject to trading moratorium	股份種類及數量 Type and number of shares	
		種類 Category	數量 Quantity
HKSCC NOMINEES LIMITED	248,680,699	境外上市外資股 Overseas listed foreign shares	248,680,699
中國洛陽浮法玻璃集團有限責任公司 China Luoyang Float Glass (Group) Company Limited	90,018,242	人民幣普通股 Ordinary shares denominated in RMB	90,018,242
中建材蚌埠玻璃工業設計研究院有限公司 Bengbu Design & Research Institute for Glass Industry	69,000,000	人民幣普通股 Ordinary shares denominated in RMB	69,000,000
香港中央結算有限公司 Hong Kong Securities Clearing Company Limited	442,575	人民幣普通股 Ordinary shares denominated in RMB	442,575
CHUK YEE MEN LIZA U/D	374,000	境外上市外資股 Overseas listed foreign shares	374,000
劉碧波 Liu Bibo	300,000	人民幣普通股 Ordinary shares denominated in RMB	300,000
殷鐵榮 Yin Tierong	286,000	人民幣普通股 Ordinary shares denominated in RMB	286,000
趙生奇 Zhao Shengqi	284,100	人民幣普通股 Ordinary shares denominated in RMB	284,100
金瑞明 Jin Ruiming	280,294	人民幣普通股 Ordinary shares denominated in RMB	280,294
趙月玲 Zhao Yueling	278,800	人民幣普通股 Ordinary shares denominated in RMB	278,800

上述股東關聯關係或一致行動的說明

Explanation on related relationship or action acting
in concert among the aforesaid shareholders

公司前十名股東中，中國洛陽浮法玻璃集團有限責任公司與中建材蚌埠玻璃工業設計研究院有限公司、安徽華光光電材料科技集團有限公司、凱盛科技集團有限公司、中國建材國際工程集團有限公司之間存在關聯關係，屬於《上市公司股東持股變動信息披露管理辦法》中規定的一致行動人。公司未知其他流通股股東是否屬於一致行動人，也未知其他流通股股東之間是否存在關聯關係。

Among the top 10 shareholders of the Company, China Luoyang Float Glass (Group) Company Limited, Bengbu Design & Research Institute for Glass Industry, Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd., Triumph Science & Technology Co., Ltd. and China Triumph International Engineering Co., Ltd. are related parties or persons acting in concert as defined under the Regulations for Disclosure of Changes in Shareholding of Listed Companies ("上市公司股東持股變動信息披露管理辦法"). The Company is not aware of any parties acting in concert or any related relationship among other holders of circulating shares.

註：

1. HKSCC NOMINEES LIMITED持有的股份數為分別代表其多個客戶所持有。
2. 香港中央結算有限公司持有的人民幣普通股為境外投資者通過滬港通的滬股通交易所持有的公司人民幣普通股。

Notes:

1. Shares held by HKSCC NOMINEES LIMITED are held on behalf of various customers.
2. The ordinary shares dominated in Renminbi held by Hong Kong Securities Clearing Co., Ltd. are held on behalf of overseas investors who held these shares via Northbound Trading in the Shanghai-Hong Kong Stock Connect.

單位：股
Unit: share

前十名有限售條件股東持股數量及限售條件

Number of shares held by top 10 holders of shares subject to trading moratorium and trading moratorium

有限售條件股份可上市交易情況

Number of additional shares available for listing and trading

序號	有限售條件股東名稱	持有的有限售條件股份數量	可上市交易時間	新增可上市交易股份數量	限售條件
No.	Name of holders of shares subject to trading moratorium	Number of shares held subject to trading moratorium	Shares subject to trading moratorium available for listing and trading	Trading moratorium	Time available for listing and trading
1	中國洛陽浮法玻璃集團 有限責任公司 China Luoyang Float Glass (Group) Company Limited	25,097,588	2018年12月29日 29 December 2018 2021年4月17日 17 April 2021	15,000,000 10,097,588	自發行結束之日起36個月不得轉讓 Non-transferable within 36 months from the completion date of the issuance
2	凱盛科技集團有限公司 Triumph Science & Technology Co., Ltd.	7,508,991	2021年4月17日 17 April 2021	7,508,991	自發行結束之日起36個月不得轉讓 Non-transferable within 36 months from the completion date of the issuance
3	安徽華光光電材料科技 集團有限公司 Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd.	6,377,490	2021年4月17日 17 April 2021	6,377,490	自發行結束之日起36個月不得轉讓 Non-transferable within 36 months from the completion date of the issuance
4	合肥高新建設投資 集團公司 Hefei Gaoxin Development and Investment Group Company*	3,029,276	2019年4月17日 17 April 2019	3,029,276	自發行結束之日起12個月不得轉讓 Non-transferable within 12 months from the completion date of the issuance
5	中建材蚌埠玻璃工業設計 研究院有限公司 Bengbu Design & Research Institute for Glass Industry	2,365,976	2021年4月17日 17 April 2021	2,365,976	自發行結束之日起36個月不得轉讓 Non-transferable within 36 months from the completion date of the issuance

單位：股
Unit: share

前十名有限售條件股東持股數量及限售條件
Number of shares held by top 10 holders of shares subject to trading moratorium and trading moratorium
有限售條件股份可上市交易情況

序號	有限售條件股東名稱	持有的有限售 條件股份數量	Number of additional shares available for listing and trading		限售條件
			可上市 交易時間	新增可上市 交易股份數量	
No.	Name of holders of shares subject to trading moratorium	Number of shares held subject to trading moratorium	Shares subject to trading moratorium available for listing and trading	Trading moratorium	Time available for listing and trading
6	宜興環保科技創新創業投資有限公司 Yixing Environmental Technology Innovation Venture Investment Co., Ltd.*	1,877,247	2021年4月17日 17 April 2021	1,877,247	自發行結束之日起36個月不得轉讓 Non-transferable within 36 months from the completion date of the issuance
7	協鑫集成科技股份 有限公司 GCL System Integration Technology Co., Ltd.	1,065,338	2021年4月17日 17 April 2021	1,065,338	自發行結束之日起36個月不得轉讓 Non-transferable within 36 months from the completion date of the issuance
8	中國建材國際工程 集團有限公司 China Triumph International Engineering Co., Ltd.	708,610	2021年4月17日 17 April 2021	708,610	自發行結束之日起36個月不得轉讓 Non-transferable within 36 months from the completion date of the issuance
上述股東關聯關係或 一致行動的說明		中國洛陽浮法玻璃集團有限責任公司與中建材蚌埠玻璃工業設計研究院有限公司、安徽華光光電材料科技集團有限公司、凱盛科技集團有限公司、中國建材國際工程集團有限公司之間存在關聯關係，屬於《上市公司股東持股變動信息披露管理辦法》中規定的一致行動人。			
Explanation on related relationship or action acting in concert among the aforesaid shareholders		China Luoyang Float Glass (Group) Company Limited, Bengbu Design & Research Institute for Glass Industry, Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd., Triumph Science & Technology Co., Ltd. and China Triumph International Engineering Co., Ltd. are related parties or persons acting in concert as defined under the Regulations for Disclosure of Changes in Shareholding of Listed Companies ("上市公司股東持股變動信息披露管理辦法").			

除上述披露之外，於2018年6月30日，根據香港《證券及期貨條例》第336條規定須存置之披露權益登記冊中，並無任何其他人士在公司股份或股本衍生工具的相關股份中擁有權益或持有淡倉的任何記錄。

Save as disclosed above, as at 30 June 2018, there were no other persons who have any interests or short position in the shares or underlying shares in the equity derivatives of the Company as recorded in the register of interest kept under section 336 of the Securities and Futures Ordinance of Hong Kong.

第七節 董事、監事、高級管理人員情況

一、 現任及報告期內離任董事、監事和高級管理人員持股變動情況

不適用

二、 董事、監事、高級管理人員變動情況

本報告期，董事、監事、高級管理人員情況與本公司2017年年度報告所披露的相關資料並無變動。

三、 董事、監事和最高行政人員之權益

截止2018年6月30日止，本公司各董事、監事或高級管理人員及就董事所知其關聯人士概無在本公司或其相聯法團的股份、相關股份及債權證中擁有權益或淡倉，或根據《證券及期貨條例》第352條規定記錄在冊之權益或淡倉；或根據《上市公司董事進行證券交易的標準守則》所規定的需要知會本公司和香港聯交所的。

於報告期內，本公司各董事與監事均無在本公司或其附屬公司所訂立的任何合約中擁有重大權益。

VII DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT

I. Changes in shareholdings of the existing and resigned Directors, supervisors and senior management during the reporting period

N/A

II. Changes in Directors, Supervisors and Senior Management

During the reporting period, relevant information on Directors, supervisors and senior management remained the same as those disclosed in the 2017 annual report of the Company.

III. Interests of Directors, Supervisors and Chief Executives

As of 30 June 2018, none of the Directors, supervisors or senior management of the Company and their respective connected persons had any interest or short position in the shares, underlying shares or debentures of the Company or its associated corporations which was required to be entered into the register of interest maintained by the Company pursuant to Section 352 of the Securities and Futures Ordinance; or which was required to be notified to the Company and the Hong Kong Stock Exchange pursuant to the Model Code for Securities Transactions by Directors of Listed Issuers.

During the reporting period, none of the Directors and supervisors had material interest in any contract entered into by the Company or its subsidiaries.

第八節 財務報告

VIII FINANCIAL REPORT

合併資產負債表

Consolidated Balance Sheet

編製單位：洛陽玻璃股份有限公司
Prepared by: Luoyang Glass Company Limited*

2018年6月30日
30 June 2018

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	附註	Note	期末餘額 Closing Balance	期初餘額 Opening Balance
流動資產：	Current assets:				
貨幣資金	Cash and cash equivalents	四、1	IV.1	179,161,146.31	204,245,757.54
交易性金融資產	Held-for-trading financial assets				
應收票據及應收賬款	Notes and accounts receivables	四、2	IV.2	772,458,749.92	1,022,562,666.40
預付款項	Prepayments	四、3	IV.3	26,031,059.93	20,321,794.16
其他應收款	Other receivables	四、4	IV.4	35,319,051.98	90,685,860.01
存貨	Inventories	四、5	IV.5	261,049,375.38	180,924,918.81
持有待售資產	Assets held for sale				
一年內到期的非流動資產	Non-current assets due within one year				
其他流動資產	Other current assets	四、6	IV.6	38,492,497.72	41,988,762.45
流動資產合計	Total current assets			1,312,511,881.24	1,560,729,759.37
非流動資產：	Non-current assets:				
長期應收款	Long-term receivables	四、7	IV.7	55,000,000.00	55,000,000.00
長期股權投資	Long-term equity investments	四、8	IV.8		
其他權益工具投資	Other equity instrument investment				
投資性房地產	Investment properties				
固定資產	Fixed assets	四、9	IV.9	1,705,333,363.47	1,766,535,573.58
在建工程	Construction in progress	四、10	IV.10	443,066,812.69	282,018,299.91
無形資產	Intangible assets	四、11	IV.11	359,130,243.89	317,529,993.66
長期待攤費用	Long-term deferred expenses	四、12	IV.12	4,176,191.65	5,539,138.34
遞延所得稅資產	Deferred income tax assets	四、13	IV.13	4,437,422.74	2,504,761.54
其他非流動資產	Other non-current assets	四、14	IV.14	2,378,558.38	8,366,432.63
非流動資產合計	Total non-current assets			2,573,522,592.82	2,437,494,199.66
資產總計	Total assets			3,886,034,474.06	3,998,223,959.03

合併資產負債表(續)

Consolidated Balance Sheet (Continued)

編製單位：洛陽玻璃股份有限公司

2018年6月30日

單位：元 幣種：人民幣

Prepared by: Luoyang Glass Company Limited*

30 June 2018

Unit: Yuan Currency: RMB

項目	Item	附註	Note	期末餘額 Closing Balance	期初餘額 Opening Balance
流動負債：	Current liabilities:				
短期借款	Short-term borrowings	四、15	IV.15	813,234,000.00	812,509,000.00
交易性金融負債	Held-for-trading financial liabilities				
以公允價值計量且其變化計入 當期損益的金融負債	Financial liabilities at fair value through profit or loss				
應付票據及應付賬款	Notes and accounts payables	四、16	IV.16	738,300,969.77	711,594,663.17
預收款項	Receipts in advance	四、17	IV.17		21,475,187.43
合同負債	Contract liabilities	四、17	IV.17	17,078,230.96	
應付職工薪酬	Employee compensation payable	四、18	IV.18	18,046,154.98	21,985,112.19
應交稅費	Taxes payable	四、19	IV.19	24,875,091.43	31,525,000.52
其他應付款	Other payables	四、20	IV.20	292,721,258.65	377,009,364.49
一年內到期的非流動負債	Non-current liabilities due within one year	四、21	IV.21	197,080,091.76	196,946,248.22
其他流動負債	Other current liabilities				
流動負債合計	Total current liabilities			2,101,335,797.55	2,173,044,576.02
非流動負債：	Non-current liabilities:				
長期借款	Long-term borrowings	四、22	IV.22	314,347,730.00	370,796,745.65
遞延收益	Deferred income	四、23	IV.23	107,521,722.98	108,193,683.26
其他非流動負債	Other non-current liabilities				
非流動負債合計	Total non-current liabilities			421,869,452.98	478,990,428.91
負債合計	Total Liabilities			2,523,205,250.53	2,652,035,004.93
所有者權益	Owners' equity				
股本	Share capital	四、24	IV.24	559,797,391.00	526,766,875.00
資本公積	Capital reserve	四、25	IV.25	1,979,561,502.31	1,891,845,868.90
盈餘公積	Surplus reserve	四、26	IV.26	51,365,509.04	51,365,509.04
未分配利潤	Undistributed profit	四、27	IV.27	-1,328,019,905.91	-1,338,290,605.36
歸屬於母公司所有者權益合計	Total equity attributable to owners of the parent company			1,262,704,496.44	1,131,687,647.58
少數股東權益	Minority interests			100,124,727.09	214,501,306.52
所有者權益合計	Total owners' equity			1,362,829,223.53	1,346,188,954.10
負債和所有者權益總計	Total liabilities and owners' equity			3,886,034,474.06	3,998,223,959.03

法定代表人：
Legal representative:
張冲
Zhang Chong

主管會計工作負責人：
Person in charge of accounting:
馬炎
Ma Yan

會計機構負責人：
Person in charge of accounting department:
陳靜
Chen Jing

母公司資產負債表

Balance Sheet of the Company

編製單位：洛陽玻璃股份有限公司

2018年6月30日

單位：元 幣種：人民幣

Prepared by: Luoyang Glass Company Limited*

30 June 2018

Unit: Yuan Currency: RMB

項目	Item	附註	Note	期末餘額 Closing Balance	期初餘額 Opening Balance
流動資產：	Current Assets:				
貨幣資金	Cash and cash equivalents			58,626,381.07	52,744,789.07
交易性金融資產	Held-for-trading financial assets				
應收票據及應收賬款	Notes and accounts receivables	十四、1	XIV.1	208,834,799.30	211,797,338.88
預付款項	Prepayments			48,970.54	30,238.87
其他應收款	Other receivables	十四、2	XIV.2	19,440,208.59	31,131,296.66
存貨	Inventories				
一年內到期的非流動資產	Non-current assets due within one year				
其他流動資產	Other current assets				489,663.39
流動資產合計	Total current assets			286,950,359.50	296,193,326.87
非流動資產：	Non-current assets:				
長期應收款	Long-term receivables			55,000,000.00	55,000,000.00
長期股權投資	Long-term equity investments	十四、3	XIV.3	1,690,841,658.35	868,986,593.99
固定資產	Fixed assets			2,333,775.55	2,508,762.95
在建工程	Construction in progress				
無形資產	Intangible assets			34,806,717.25	63,612,709.86
長期待攤費用	Long-term deferred expenses			108,000.00	162,000.00
遞延所得稅資產	Deferred income tax assets				
其他非流動資產	Other non-current assets				
非流動資產合計	Total non-current assets			1,783,090,151.15	990,270,066.80
資產總計	Total assets			2,070,040,510.65	1,286,463,393.67

母公司資產負債表(續)

Balance Sheet of the Company (Continued)

編製單位：洛陽玻璃股份有限公司

2018年6月30日

單位：元 幣種：人民幣

Prepared by: Luoyang Glass Company Limited*

30 June 2018

Unit: Yuan Currency: RMB

項目	Item	附註	Note	期末餘額 Closing Balance	期初餘額 Opening Balance
流動負債：	Current liabilities:				
短期借款	Short-term loans			240,234,000.00	347,509,000.00
交易性金融負債	Held-for-trading financial liabilities				
以公允價值計量且其變動計入 當期損益的金融負債	Financial liabilities at fair value through profit or loss				
應付票據及應付賬款	Notes and accounts payables			84,381,266.17	5,062,801.26
預收款項	Receipts in advance				7,813,062.37
合同負債	Contract liabilities			9,190,171.11	
應付職工薪酬	Employee compensation payable			4,973,834.12	8,089,982.67
應交稅費	Taxes payable			2,779,353.69	566,122.59
其他應付款	Other payables			511,849,198.35	465,853,312.43
持有待售負債	Liabilities held for sale				
一年內到期的非流動負債	Non-current liabilities due within one year			793,175.76	404,406.94
其他流動負債	Other current liabilities				
流動負債合計	Total current liabilities			854,200,999.20	835,298,688.26
非流動負債：	Non-current liabilities:				
長期借款	Long-term borrowings				606,605.65
非流動負債合計	Total non-current liabilities				606,605.65
負債合計	Total Liabilities			854,200,999.20	835,905,293.91
所有者權益：	Owners' equity:				
股本	Share capital			559,797,391.00	526,766,875.00
其他權益工具	Other equity instruments				
其中：優先股	Including: Preferential shares				
永續債	Perpetual bonds				
資本公積	Capital reserve			1,958,137,769.14	1,268,692,769.04
減：庫存股	Less: Treasury stock				
其他綜合收益	Other comprehensive income				
專項儲備	Special reserve				
盈餘公積	Surplus reserve			51,365,509.04	51,365,509.04
未分配利潤	Undistributed profit			-1,353,461,157.73	-1,396,267,053.32
所有者權益合計	Total owners' equity			1,215,839,511.45	450,558,099.76
負債和所有者權益總計	Total liabilities and owners' equity			2,070,040,510.65	1,286,463,393.67

法定代表人：
Legal representative:
張沖
Zhang Chong

主管會計工作負責人：
Person in charge of accounting:
馬炎
Ma Yan

會計機構負責人：
Person in charge of accounting department:
陳靜
Chen Jing

合併利潤表

Consolidated Income Statement

2018年1-6月
January-June 2018

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	附註	Note	本期發生額 Amount for current period	上期發生額 Amount for previous period
一. 營業收入	I. Operating revenue	四、28	IV.28	702,362,390.74	704,459,882.70
減：營業成本	Less: Operating costs	四、28	IV.28	518,623,907.37	548,925,924.41
税金及附加	Taxes and surcharges	四、29	IV.29	10,712,485.92	9,179,632.20
銷售費用	Selling expenses	四、30	IV.30	21,923,965.83	28,053,678.63
管理費用	Administration expenses	四、31	IV.31	46,521,293.38	45,271,254.41
研發費用	Research and development expenses	四、32	IV.32	38,443,281.67	28,683,561.88
財務費用	Finance expenses	四、33	IV.33	39,740,414.80	34,959,536.18
其中：利息費用	Including: Interest expenses			32,742,684.84	31,890,768.84
利息收入	Interest income			299,301.46	723,069.67
資產減值損失	Impairment losses of assets	四、34	IV.34	6,849.19	807,634.48
信用減值損失	Impairment losses of credit	四、35	IV.35	-4,173,671.55	
其他收益	Other income	四、36	IV.36	7,120,982.47	22,925,533.47
投資收益(損失以[-]號填列)	Investment income (loss is represented by "-")				
資產處置收益(損失以[-]號填列)	Gain on disposal of assets (loss is represented by "-")	四、37	IV.37	131,075.15	83,418.35
二. 營業利潤(虧損以[-]號填列)	II. Operating profit (loss is represented by "-")			37,815,921.75	31,587,612.33
加：營業外收入	Add: Non-operating income	四、38	IV.38	1,775,280.73	2,277,775.59
減：營業外支出	Less: Non-operating expense	四、39	IV.39	211,374.72	236,378.61
三. 利潤總額(虧損總額以[-]號填列)	III. Total profit (total loss is represented by "-")			39,379,827.76	33,629,009.31
減：所得稅費用	Less: Income tax expenses	四、40	IV.40	11,139,879.23	9,351,246.98
四. 淨利潤(淨虧損以[-]號填列)	IV. Net profit (net loss is represented by "-")			28,239,948.53	24,277,762.33
(一) 按經營持續性分類	(I) Classified on going concern basis				
1. 持續經營淨利潤(淨虧損以[-]號填列)	1. Net profit from continued operation (Net loss is represented by "-")			28,239,948.53	24,277,762.33
2. 終止經營淨利潤(淨虧損以[-]號填列)	2. Net profit from discontinued operation (Net loss is represented by "-")				
(二) 按所有權歸屬分類	(II) Classified by ownership				
1. 歸屬於母公司所有者的淨利潤	1. Net profit attributable to the owners of the Company			21,977,671.03	19,733,938.23
2. 少數股東損益	2. Profit or loss attributable to minority interests			6,262,277.50	4,543,824.10
五. 其他綜合收益的稅後淨額	V. Other comprehensive income net of tax				

合併利潤表(續)

Consolidated Income Statement (Continued)

2018年1-6月 單位：元 幣種：人民幣
January-June 2018 Unit: Yuan Currency: RMB

項目	Item	附註	Note	本期發生額 Amount for current period	上期發生額 Amount for previous period
六. 綜合收益總額	VI. Total comprehensive income			28,239,948.53	24,277,762.33
歸屬於母公司所有者的綜合收益總額	Total comprehensive income attributable to owners of the Company			21,977,671.03	19,733,938.23
歸屬於少數股東的綜合收益總額	Total comprehensive income attributable to minority interests			6,262,277.50	4,543,824.10
七. 每股收益：	VII. Earnings per share:				
(一) 基本每股收益(元/股)	(I) Basic earnings per share (RMB/share)			0.0395	0.0356
(二) 稀釋每股收益(元/股)	(II) Diluted earnings per share (RMB/share)			0.0395	0.0356

本期發生同一控制下企業合併的，被合併方在合併前實現的淨利潤為：20,491,900.89元，上期被合併方實現的淨利潤為：23,099,803.31元。

The net profit realized by the parties being absorbed prior to the business combinations under common control was RMB20,491,900.89 during the period and RMB23,099,803.31 for the previous period.

法定代表人：
Legal representative:
張冲
Zhang Chong

主管會計工作負責人：
Person in charge of accounting:
馬炎
Ma Yan

會計機構負責人：
Person in charge of accounting department:
陳靜
Chen Jing

母公司利潤表

Income Statement of the Company

2018年1-6月
January-June 2018單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	附註	Note	本期發生額 Amount for current period	上期發生額 Amount for previous period
一. 營業收入	I. Operating revenue		十四、4 XIV.4	95,220,475.78	72,438,752.95
減：營業成本	Less: Operating costs		十四、4 XIV.4	93,268,219.61	72,252,825.33
稅金及附加	Taxes and surcharges			1,808,074.05	401,276.30
銷售費用	Selling expenses			289,822.76	218,657.97
管理費用	Administration expenses			7,831,861.37	-1,139,169.58
研發費用	Research and development expenses				
財務費用	Finance expenses			15,262,010.17	11,070,786.45
其中：利息費用	Including: interest expenses			15,876,387.44	11,624,028.23
利息收入	Interest income			690,274.80	710,664.50
資產減值損失	Impairment losses of assets				600,521.20
信用減值損失	Impairment losses of credit			-614,549.07	
其他收益	Other income				
投資收益(損失以「-」號填列)	Investment income (loss is represented by "-")	十四、5	XIV.5	64,557,772.91	5,515,364.92
資產處置收益(損失以「-」號填列)	Gain on disposal of assets (loss is represented by "-")			1,181,645.71	
二. 營業利潤(虧損以「-」號填列)	II. Operating Profit			43,114,455.51	-5,450,779.80
	(losses are represented by "-")				
加：營業外收入	Add: Non-operating income			211,035.14	1,036,395.35
減：營業外支出	Less: Non-operating expenses			52,054.86	200,506.12
三. 利潤總額(虧損總額以「-」號填列)	III. Total profit			43,273,435.79	-4,614,890.57
	(total loss is represented by "-")				
減：所得稅費用	Less: Income tax expenses				
四. 淨利潤(淨虧損以「-」號填列)	IV. Net profit			43,273,435.79	-4,614,890.57
	(net loss is represented by "-")				
1. 持續經營淨利潤(淨虧損以「-」號填列)	1. Net profit from continued operation (Net loss is represented by "-")			43,273,435.79	-4,614,890.57
2. 終止經營淨利潤(淨虧損以「-」號填列)	2. Net profit from discontinued operation (Net loss is represented by "-")				

母公司利潤表(續)

Income Statement of the Company (Continued)

2018年1-6月 單位：元 幣種：人民幣
January-June 2018 Unit: Yuan Currency: RMB

項目	Item	附註	Note	本期發生額 Amount for current period	上期發生額 Amount for previous period
五. 其他綜合收益的稅後淨額	V. Other comprehensive income net of tax				
六. 綜合收益總額	VI. Total comprehensive income			43,273,435.79	-4,614,890.57
七. 每股收益：	VII. Earnings per share:				
(一) 基本每股收益(元/股)	(I) Basic earnings per share (RMB/share)				
(二) 稀釋每股收益(元/股)	(II) Diluted earnings per share (RMB/share)				

法定代表人：
Legal representative:
張沖
Zhang Chong

主管會計工作負責人：
Person in charge of accounting:
馬炎
Ma Yan

會計機構負責人：
Person in charge of accounting department:
陳靜
Chen Jing

合併現金流量表

Consolidated Cash Flow Statement

2018年1-6月
January-June 2018單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	附註	Note	本期發生額 Amount for current period	上期發生額 Amount for previous period
一. 經營活動產生的現金流量：	I. Cash flows from operating activities:				
銷售商品、提供勞務收到的現金	Cash received from sale of goods or rendering of services			505,851,432.02	182,391,041.41
收到的稅費返還	Tax refunds received			2,669,017.17	
收到其他與經營活動有關的現金	Other cash received from activities related to operation	四、41	IV.41	8,641,685.83	15,840,180.22
經營活動現金流入小計	Subtotal of cash inflows from operating activities			517,162,135.02	198,231,221.63
購買商品、接受勞務支付的現金	Cash paid for purchase of goods and services rendered			442,219,267.54	305,273,932.19
支付給職工以及為職工支付的現金	Cash paid to and on behalf of employees			93,074,618.07	87,503,010.17
支付的其他各項稅費	Tax payments			40,094,190.76	32,572,578.33
支付其他與經營活動有關的現金	Other cash paid for activities related to operation	四、41	IV.41	17,114,622.90	26,328,225.08
經營活動現金流出小計	Sub-total of cash outflow from operating activities			592,502,699.27	451,677,745.77
經營活動產生的現金流量淨額	Net cash flow from operating activities			-75,340,564.25	-253,446,524.14
二. 投資活動產生的現金流量：	II. Cash flow from investment activities:				
收回投資收到的現金	Cash from recovery of investment				
取得投資收益收到的現金	Cash received from return of investment				
處置固定資產、無形資產和其他長期資產收回的現金淨額	Net cash received from disposal of fixed assets, intangible assets and other long-term assets				2,348,600.00
處置子公司及其他營業單位收到的現金淨額	Net cash received from disposal of subsidiaries and other operating units				
收到其他與投資活動有關的現金	Other cash received from investment activities	四、41	IV.41	18,117,140.63	23,798,268.89
投資活動現金流入小計	Subtotal of cash inflows from investment activities			18,117,140.63	26,146,868.89
購建固定資產、無形資產和其他長期資產支付的現金	Cash paid for the acquisition and construction of fixed assets, intangible assets, and other long-term assets			118,519,695.42	26,895,054.88
支付其他與投資活動有關的現金	Other cash payments related to investment activities	四、41	IV.41		
投資活動現金流出小計	Subtotal of cash outflows from investment activities			118,519,695.42	26,895,054.88
投資活動產生的現金流量淨額	Net cash flow from investment activities			-100,402,554.79	-748,185.99

合併現金流量表(續)

Consolidated Cash Flow Statemen (Continued)

2018年1-6月 單位：元 幣種：人民幣
January-June 2018 Unit: Yuan Currency: RMB

項目	Item	附註	Note	本期發生額 Amount for current period	上期發生額 Amount for previous period
三. 籌資活動產生的現金流量：	III. Cash flows from financing activities:				
吸收投資收到的現金	Cash received from investment				
其中：子公司吸收少數股東投資 收到的現金	Including: cash received by subsidiaries from investments of minority interests				
取得借款收到的現金	Proceeds from loans			455,500,000.00	736,404,000.00
發行債券收到的現金	Cash received from issuing bonds				
收到其他與籌資活動有關的現金	Other cash received related to financing activities	四、41	IV.41	213,210,823.26	326,257,432.90
籌資活動現金流入小計	Subtotal of cash inflows from financing activities			668,710,823.26	1,062,661,432.90
償還債務支付的現金	Cash paid for repayments of borrowings			495,781,773.73	586,899,266.99
分配股利、利潤或償付利息支付 的現金	Cash payment for distribution of dividends and profits or repayment of interest			32,215,589.37	24,236,814.28
其中：子公司支付給少數股東的 股利、利潤	Including: dividends and profits paid by subsidiaries to minority interests				
支付其他與籌資活動有關的現金	Other cash payments related to financing activities	四、41	IV.41	86,165,892.16	301,160,000.00
籌資活動現金流出小計	Subtotal of cash outflows from financing activities			614,163,255.26	912,296,081.27
籌資活動產生的現金流量淨額	Net cash flow from financing activities			54,547,568.00	150,365,351.63
四. 匯率變動對現金及現金等價物的 影響	IV. Effect of exchange rate changes on cash and cash equivalents			53.70	-195.39
五. 現金及現金等價物淨增加額	V. Net increase in cash and cash equivalents			-121,195,497.34	-103,829,553.89
加：期初現金及現金等價物餘額	Add: Opening balance of cash and cash equivalents			198,797,788.08	191,575,911.27
六. 期末現金及現金等價物餘額	VI. Closing balance of cash and cash equivalents			77,602,290.74	87,746,357.38

法定代表人：
Legal representative:
張冲
Zhang Chong

主管會計工作負責人：
Person in charge of accounting:
馬炎
Ma Yan

會計機構負責人：
Person in charge of accounting department:
陳靜
Chen Jing

母公司現金流量表

Cash Flow Statement of the Company

2018年1-6月
January-June 2018

單位：元 幣種：人民幣

項目	Item	附註 Note	本期發生額 Amount for current period	上期發生額 Amount for previous period
一. 經營活動產生的現金流量：	I. Cash flows from operating activities:			
銷售商品、提供勞務收到的現金	Cash received from sale of goods or rendering of services		53,148,277.00	37,301,455.04
收到的稅費返還	Tax refunds received			
收到其他與經營活動有關的現金	Other cash received from activities related to operation		39,883,041.15	37,206,581.02
經營活動現金流入小計	Sub-total of cash inflow from operating activities		93,031,318.15	74,508,036.06
購買商品、接受勞務支付的現金	Cash paid for goods purchased and services rendered			86,900.00
支付給職工以及為職工支付的現金	Cash paid to and on behalf of employees		8,175,903.64	6,977,169.55
支付的各项稅費	Tax payments		2,543,491.32	686,886.91
支付其他與經營活動有關的現金	Other cash paid for activities related to operation		36,646,792.98	83,702,867.49
經營活動現金流出小計	Sub-total of cash outflow from operating activities		47,366,187.94	91,453,823.95
經營活動產生的現金流量淨額	Net cash flow from operating activities		45,665,130.21	-16,945,787.89
二. 投資活動產生的現金流量：	II. Cash flow from investment activities:			
收回投資收到的現金	Cash from recovery of investment			
取得投資收益收到的現金	Cash received from return of investment			
處置固定資產、無形資產和其他長期資產收回的現金淨額	Net cash received from disposal of fixed assets, intangible assets and other long-term assets			400,000.00
處置子公司及其他營業單位收到的現金淨額	Net cash received from disposal of subsidiaries and other operating units			
收到其他與投資活動有關的現金	Other cash received from investment activities		18,117,140.63	43,164,222.88
投資活動現金流入小計	Subtotal of cash inflows from investment activities		18,117,140.63	43,564,222.88
購建固定資產、無形資產和其他長期資產支付的現金	Cash paid for the acquisition and construction of fixed assets, intangible assets, and other long-term assets			3,360,200.60
投資支付的現金	Cash paid for investment		70,000,000.00	80,000,000.00
取得子公司及其他營業單位支付的現金淨額	Net cash paid for acquisition of subsidiaries and other operating entities			
支付其他與投資活動有關的現金	Other cash payments related to investment activities			
投資活動現金流出小計	Subtotal of cash outflows from investment activities		70,000,000.00	83,360,200.60
投資活動產生的現金流量淨額	Net cash flow from investment activities		-51,882,859.37	-39,795,977.72

母公司現金流量表(續)

Cash Flow Statement of the Company (Continued)

		2018年1-6月 January-June 2018	單位：元 幣種：人民幣 Unit: Yuan Currency: RMB	
項目	Item	附註 Note	本期發生額 Amount for current period	上期發生額 Amount for previous period
三. 籌資活動產生的現金流量：	III. Cash flows from financing activities:			
吸收投資收到的現金	Cash received from investment			
取得借款收到的現金	Proceeds from loans		235,084,000.00	235,904,000.00
發行債券收到的現金	Cash received from issuing bonds			
收到其他與籌資活動有關的現金	Other cash received related to financing activities		469,544,537.84	534,383,680.49
籌資活動現金流入小計	Subtotal of cash inflows from financing activities		704,628,537.84	770,287,680.49
償還債務支付的現金	Cash paid for repayments of borrowings		342,561,214.41	290,582,396.18
分配股利、利潤或償付利息支付的現金	Cash payment for distribution of dividends and profits or repayment of interest		6,087,032.33	5,815,847.75
支付其他與籌資活動有關的現金	Other cash payments related to financing activities		381,081,023.64	441,240,000.00
籌資活動現金流出小計	Subtotal of cash outflows from financing activities		729,729,270.38	737,638,243.93
籌資活動產生的現金流量淨額	Net cash flow from financing activities		-25,100,732.54	32,649,436.56
四. 匯率變動對現金及現金等價物的影響	IV. Effect of exchange rate changes on cash and cash equivalents		53.70	-195.39
五. 現金及現金等價物淨增加額	V. Net increase in cash and cash equivalents		-31,318,408.00	-24,092,524.44
加： 期初現金及現金等價物餘額	Add: Opening balance of cash and cash equivalents		51,344,789.07	64,837,249.29
六. 期末現金及現金等價物餘額	VI. Closing balance of cash and cash equivalents		20,026,381.07	40,744,724.85

法定代表人：
Legal representative:
張冲
Zhang Chong

主管會計工作負責人：
Person in charge of accounting:
馬炎
Ma Yan

會計機構負責人：
Person in charge of accounting department:
陳靜
Chen Jing

合併所有者權益變動表

Consolidated Statement of Changes in Owners' Equity

2018年1-6月
January-June 2018單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

		本期 Current Period													
		歸屬於母公司所有者權益 Attributable to owners of the Parent Company													
項目 Item		其他權益工具 Other equity instruments				其他綜合收益 Other comprehensive income				一般風險準備 General risk provisions		所有者權益合計 Total owners' equity			
		股本 Share capital	優先股 Preferential shares	永續債 Perpetual bonds	其他 Others	資本公積 Capital reserve	減：庫存股 Less: Treasury stock	專項儲備 Special reserve	盈餘公積 Surplus reserve	未分配利潤 Undistributed profit	少數股東權益 Minority interests				
一、	上年期末餘額	I.	Balance at the end of last year				1,488,406,708.89				51,365,509.04		-1,507,399,946.07		559,139,146.36
	加：會計政策變更		Add: Changes in accounting policies										-11,706,971.58	-2,708,179.26	-14,415,150.84
	前期差錯更正		Effects of correction of prior period errors												
	同一控制下企業合併		Business combination under common control				403,439,160.51						169,109,340.71	214,501,306.52	787,049,807.74
	其他		Others												
二、	本年期初餘額	II.	Balance at the beginning of the year				1,891,845,869.30				51,365,509.04		-1,349,997,576.94	211,793,127.26	1,331,773,803.26
三、	本期增減變動金額(減少以“-”號填列)	III.	Change for the period (decrease is indicated by "-")	33,030,516.00			87,715,633.41						21,977,671.03	-111,668,400.17	31,055,420.27
(一)	綜合收益總額	(I)	Total comprehensive income										21,977,671.03	6,282,277.50	28,239,948.53
(二)	所有者投入和減少資本	(II)	Owners' contribution and decrease in capital	33,030,516.00			87,715,633.41							-117,930,677.67	2,815,471.74
1.	股東投入的普通股	1.	Ordinary shares paid by shareholders	33,030,516.00			84,900,161.67							-117,930,677.67	
2.	其他權益工具持有者投入資本	2.	Capital contributed by holders of other equity instruments												
3.	股份支付計入所有者權益的金額	3.	Amount of share-based payments recognised in owners' equity												
4.	其他	4.	Others				2,815,471.74								2,815,471.74
(三)	利潤分配	(III)	Profit distribution												
(四)	所有者權益內部結轉	(IV)	Internal carry-forward of owners' equity												
(五)	專項儲備	(V)	Special reserve												
(六)	其他	(VI)	Others												
四、	本期末末餘額	IV.	Balance at the end of the period	559,797,391.00			1,979,561,502.31				51,365,509.04		-1,328,019,905.91	100,124,727.09	1,362,829,223.53

合併所有者權益變動表(續)

Consolidated Statement of Changes in Owners' Equity (Continued)

2018年1-6月
January-June 2018單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

		上期 Last period													
		歸屬於母公司所有者權益 Attributable to owners of the Parent Company													
項目 Item	Item	其他權益工具 Other equity instruments				其他綜合收益 Other comprehensive income							所有者權益合計 Total owners' equity		
		股本 Share capital	優先股 Preferential shares	永續債 Perpetual bonds	其他 Others	資本公積 Capital reserve	減：庫存股 Less: Treasury stock	Other comprehensive income	專項儲備 Special reserve	盈餘公積 Surplus reserve	一般風險準備 General risk provisions	未分配利潤 Undistributed profit		少數股東權益 Minority interests	
一、	上年期末餘額	I.	Balance at the end of last year	526,766,875.00			1,473,105,039.50				51,365,509.04		-1,527,968,006.58		523,269,416.96
	加：會計政策變更		Add: Changes in accounting policies												
	前期差錯更正		Effects of correction of prior period errors												
	同一控制下企業合併		Business combination under common control				403,439,160.51						102,005,138.39	197,085,680.58	702,529,979.48
	其他		Others												
二、	本年期初餘額	II.	Balance at the beginning of the year	526,766,875.00			1,876,544,200.01				51,365,509.04		-1,425,962,868.19	197,085,680.58	1,225,739,396.44
三、	本期增減變動金額(減少以“-”號填列)	III.	Change for the period (decrease is indicated by "-")										19,733,938.23	4,543,824.10	24,277,762.33
	(一) 綜合收益總額	(I)	Total comprehensive income										19,733,938.23	4,543,824.10	24,277,762.33
	(二) 所有者投入和減少資本	(II)	Owners' contribution and decrease in capital												
	1. 股東投入的普通股	1.	Ordinary shares paid by shareholders												
	2. 其他權益工具持有者投入資本	2.	Capital contributed by holders of other equity instruments												
	3. 股份支付計入所有者權益的金額	3.	Amount of share-based payments recognised in owners' equity												
	4. 其他	4.	Others												
	(三) 利潤分配	(III)	Profit distribution												
	(四) 所有者權益內部結轉	(IV)	Internal carry-forward of owners' equity												
	(五) 專項儲備	(V)	Special reserve												
	(六) 其他	(VI)	Others												
四、	本期末末餘額	IV.	Balance at the end of the period	526,766,875.00			1,876,544,200.01				51,365,509.04		-1,406,228,929.96	201,629,504.68	1,250,077,158.77

法定代表人：
Legal representative:
張沖
Zhang Chong

主管會計工作負責人：
Person in charge of accounting:
馬炎
Ma Yan

會計機構負責人：
Person in charge of accounting department:
陳靜
Chen Jing

母公司所有者權益變動表

Statement of Changes in Owners' Equity of the Company

2018年1-6月
January-June 2018單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期										
		Current Period										
		其他權益工具				資本公積	減：庫存股	其他綜合收益			所有者權益合計	
		股本	優先股	永續債	其他			Less: comprehensive	Other	專項儲備		盈餘公積
Share capital	Preferential shares	Perpetual bonds	Others	Treasury stock	income	Special reserve	Surplus reserve	Undistributed profit	Total owners' equity			
一、上年期末餘額	I. Balance at the end of last year	526,766,875.00				1,268,692,769.04				51,365,509.04	-1,396,267,053.32	450,558,099.76
加：會計政策變更	Add: Changes in accounting policies										-467,540.20	-467,540.20
前期差錯更正	Effects of correction of prior period errors											
其他	Others											
二、本年期初餘額	II. Balance at the beginning of the year	526,766,875.00				1,268,692,769.04				51,365,509.04	-1,396,734,593.52	450,090,559.56
三、本期增減變動金額(減少以“-”號填列)	III. Change for the period (decrease is indicated by "-")	33,030,516.00				689,445,000.10					43,273,435.79	765,748,951.89
(一) 綜合收益總額	(I) Total comprehensive income										43,273,435.79	43,273,435.79
(二) 所有者投入和減少資本	(II) Owners' contribution and decrease in capital	33,030,516.00				689,445,000.10						722,475,516.10
1. 股東投入的普通股	1. Ordinary shares paid by shareholders	33,030,516.00				686,629,528.36						719,680,044.36
2. 其他權益工具持有者投入資本	2. Capital contributed by holders of other equity instruments											
3. 股份支付計入所有者權益的金額	3. Amount of share-based payments recognised in owners' equity											
4. 其他	4. Others					2,815,471.74						2,815,471.74
(三) 利潤分配	(III) Profit distribution											
(四) 所有者權益內部結轉	(IV) Internal carry-forward of owners' equity											
(五) 專項儲備	(V) Special reserve											
(六) 其他	(VI) Others											
四、本期期末餘額	IV. Balance at the end of the period	559,797,391.00				1,958,137,769.14				51,365,509.04	-1,353,461,157.73	1,215,839,511.45

母公司所有者權益變動表(續)

Statement of Changes in Owners' Equity of the Company (Continued)

2018年1-6月 單位：元 幣種：人民幣
January-June 2018 Unit: Yuan Currency: RMB

		上期 Last period											
項目 Item	Item	股本 Share capital	其他權益工具 Other equity instruments			資本公積 Capital reserve	減：庫存股 Less: Treasury stock	其他綜合收益 Other comprehensive income			未分配利潤 Undistributed profit	所有者權益合計 Total owners' equity	
			優先股 Preferential shares	永續債 Perpetual bonds	其他 Others			專項儲備 Special reserve	盈餘公積 Surplus reserve				
一、 上年期末餘額	I. Balance at the end of last year	526,766,875.00				1,253,391,100.15					51,365,509.04	-1,399,150,574.12	432,372,910.07
加：會計政策變更	Add: Changes in accounting policies												
前期差錯更正	Effects of correction of prior period errors												
其他	Others												
二、 本年期初餘額	II. Balance at the beginning of the year	526,766,875.00				1,253,391,100.15					51,365,509.04	-1,399,150,574.12	432,372,910.07
三、 本期增減變動金額(減少以[-]號填列)	III. Change for the period (decrease is indicated by "-")												
(一) 綜合收益總額	(I) Total comprehensive income											-4,614,890.57	-4,614,890.57
(二) 所有者投入和減少資本	(II) Owners' contribution and decrease in capital											-4,614,890.57	-4,614,890.57
(三) 利潤分配	(III) Profit distribution												
(四) 所有者權益內部結轉	(IV) Internal carry-forward of owners' equity												
(五) 專項儲備	(V) Special reserve												
(六) 其他	(VI) Others												
四、 本期期末餘額	IV. Balance at the end of the period	526,766,875.00				1,253,391,100.15					51,365,509.04	-1,403,765,464.69	427,758,019.50

法定代表人：
Legal representative:
張沖
Zhang Chong

主管會計工作負責人：
Person in charge of accounting:
馬炎
Ma Yan

會計機構負責人：
Person in charge of accounting department:
陳靜
Chen Jing

一. 公司基本情況

1. 公司概況

洛陽玻璃股份有限公司(以下簡稱「本公司」)是於1994年4月6日在中華人民共和國河南省成立的股份有限公司。於1994年6月29日發行了境外上市外資H股並在香港聯合交易所有限公司上市；於1995年9月29日發行了人民幣普通A股並在上海證券交易所上市。

本公司總部註冊地址位於河南省洛陽市西工區唐宮中路9號。本公司所屬行業為玻璃製造業。經營範圍包括生產玻璃、深加工製品、機械成套設備、電器與配件，銷售自產產品，提供技術諮詢、技術服務。

截止2018年6月30日，本公司總股本為559,797,391股。

本財務報表已經本公司董事會決議批准報出。

2. 合併財務報表範圍

序號 No.	子公司名稱 Name of subsidiaries	簡稱 Abbreviation
1	洛玻集團龍門玻璃有限責任公司 CLFG Longmen Glass Co., Ltd.	龍門玻璃 Longmen Glass
2	洛玻集團洛陽龍海電子玻璃有限公司 CLFG Longhai Electronic Glass Co., Ltd.	龍海玻璃 Longhai Glass
3	蚌埠中建材信息顯示材料有限公司 Bengbu CNBM Information Display Material Co., Ltd.	蚌埠中顯 Bengbu CNBM
4	中建材(濮陽)光電材料有限公司 CNBM (Puyang) Photoelectric Material Co., Ltd.	濮陽光材 Puyang Photoelectric Material
5	中建材(合肥)新能源有限公司 CNBM (Hefei) New Energy Co., Ltd.	合肥新能源 Hefei New Energy
6	中國建材桐城新能源材料有限公司 CNBM (Tongcheng) New Energy Materials Co., Ltd.	桐城新能源 Tongcheng New Energy
7	中建材(宜興)新能源有限公司 CNBM (Yixing) New Energy Resources Co., Ltd.	宜興新能源 Yixing New Energy

說明：本期因同一控制下企業合併增加合肥新能源、桐城新能源和宜興新能源3家子公司。詳見附註「五、合併範圍的變更」及「六、在其他主體中的權益」。

I. Company Profile

1. Company Overview

Luoyang Glass Co., Ltd. ("the Company") was incorporated in Henan Province of the People's Republic of China as a joint stock limited company on 6 April 1994. On 29 June 1994, the Company issued overseas-listed foreign invested H shares and was listed on the Stock Exchange of Hong Kong Limited; on 29 September 1995, the Company issued ordinary A shares dominated in RMB and was listed the Shanghai Stock Exchange.

The registered address of the headquarter of the Company is No. 9, Tang Gong Zhong Lu, Xigong District, Luoyang, Henan. The Company is engaged in the glass manufacturing industry. The scope of business includes manufacturing of glass and relevant sophisticated processing goods, mechanical equipment, electric appliances and accessories, sale of self-produced products, provision of technical consultancy and technical services.

As of 30 June 2018, the total share capitals of the Company were 559,797,391 shares.

This financial statement is reported upon the approval of the Board of the Company.

2. Scope of Consolidated Financial Statements

Explanation: 3 subsidiaries including Hefei New Energy, Tongcheng New Energy and Yixing New Energy were included in the scope of consolidation in the period due to business combination under common control. For details, please refer to note "V. Change in the Scope of Consolidation" and "VI. Interests in Other Entities".

二. 財務報表的編製基礎

1. 編製基礎

本公司財務報表以持續經營為編製基礎。根據實際發生的交易和事項，按照財政部頒佈的《企業會計準則—基本準則》和具體會計準則等規定(以下合稱「企業會計準則」)，並基於以下所述重要會計政策、會計估計進行編製。

2. 持續經營

於2018年6月30日，本公司生產經營情況正常，融資渠道暢通，資產負債率為64.93%，儘管流動負債超過流動資產788,823,916.31元，本公司董事已作出評估，本公司預計未來能夠持續產生正面的經營活動現金流量，同時，本公司控股股東中國洛陽浮法玻璃集團有限責任公司(以下簡稱「洛玻集團」)作出為本公司提供財務資助之承諾，可滿足本公司償還債務及資本性承諾之資金需要。本公司董事認為本公司持續經營能力不存在問題。因此，本公司以持續經營為基礎編製本財務報表。

II. Basis of Preparation of Financial Statements

1. Basis of preparation

The financial statements of the Company have been prepared on a going concern basis in respect of the actual transactions and events in accordance with the requirements of the Accounting Standards for Business Enterprises – Basic Standards and the detailed accounting standards (the “Accounting Standards for Business Enterprises”) issued by the Ministry of Finance, and based on the following significant accounting policies and estimates.

2. Going concern

As at 30 June 2018, the business operations of the Company were in normal condition with smooth financing channels and its gearing ratio was 64.93%. Although the current liabilities of the Group reached RMB788,823,916.31, exceeding current assets, the directors of the Company have made estimation that the Company was expected to generate continually positive business activities cash flow in the future. Meanwhile, the controlling shareholder of the Company, China Luoyang Float Glass (Group) Co., Ltd., (“CLFG”) have made undertakings to offer financial aid to the Company, which can meet the needs of settlement of debts and committed capital funds of the Company. The Directors of the Company believe that there is no problem about the Company's ability to continue operation. Therefore, the Company has prepared the financial statement based on continuing operations.

三. 重要會計政策及會計估計

本公司金融工具的確認和計量、發出存貨的計量、固定資產的折舊、無形資產的攤銷以及收入的確認和計量的相關會計政策是根據本集團相關的業務經營特點制定的，具體政策參見相關附註。

1. 遵循企業會計準則的聲明

本公司編製的財務報表符合《企業會計準則》的要求，真實、完整地反映了本公司2018年6月30日的財務狀況、2018年1-6月的經營成果和現金流量等相關信息。

2. 會計期間

本公司會計年度自公曆1月1日起至12月31日止。

3. 營業週期

本公司以一年12個月作為正常營業週期，並以營業週期作為資產和負債的流動性劃分標準。

4. 記賬本位幣

本公司的記賬本位幣為人民幣。

III. Important Accounting Policies and Estimates

Accounting policies concerning the recognition and measurement of financial instruments, measurement of inventories delivered, depreciation of fixed assets, amortisation of intangible assets, and revenue recognition and measurement of the Company are developed according to the characteristics of the Group's business operation. Please refer to the relevant notes for particulars.

1. Declaration on compliance with Accounting Standards for Business Enterprises

The financial statements of the Company were prepared under the requirements of Accounting Standards for Business Enterprises, reflecting the Company's financial positions as of 30 June 2018, and operating results, cash flows and other relevant information for January to June 2018 on a true and complete basis.

2. Accounting period

Accounting year of the Company is the calendar year from 1 January to 31 December.

3. Operating cycle

The normal operating cycle of the Company is 12 months in a year, and the operating cycle is determined as the classification criterion of the liquidity of assets and liabilities.

4. Measurement currency

The Company's reporting currency is the Renminbi ("RMB").

三. 重要會計政策及會計估計(續)

5. 同一控制下和非同一控制下企業合併的會計處理方法

(1) 同一控制下的企業合併

同一控制下企業合併形成的長期股權投資合併方以支付現金、轉讓非現金資產或承擔債務方式作為合併對價的，本公司在合併日按照所取得的被合併方在最終控制方合併財務報表中的淨資產的賬面價值的份額作為長期股權投資的初始投資成本。合併方以發行權益性工具作為合併對價的，按發行股份的面值總額作為股本。長期股權投資的初始投資成本與合併對價賬面價值(或發行股份面值總額)的差額，應當調整資本公積；資本公積不足沖減的，調整留存收益。

(2) 非同一控制下的企業合併

對於非同一控制下的企業合併，合併成本為購買方在購買日為取得對被購買方的控制權而付出的資產、發生或承擔的負債以及發行的權益性證券的公允價值之和。非同一控制下企業合併中所取得的被購買方符合確認條件的可辨認資產、負債及或有負債，在購買日以公允價值計量。購買方對合併成本大於合併中取得的被購買方可辨認淨資產公允價值份額的差額，體現為商譽價值。購買方對合併成本小於合併中取得的被購買方可辨認淨資產公允價值份額的，經覆核後合併成本仍小於合併中取得的被購買方可辨認淨資產公允價值份額的差額，計入當期營業外收入。

III. Important accounting policies and estimates (Continued)

5. The accounting treatment of business combination under common control and not under common control

(1) *Enterprise merger under common control*

In case the consideration for the long-term equity investments formed in the enterprise merger under common control is paid by way of cash, transfer of non-cash assets or assumption of debts, the Company will regard the share of carrying amounts of the net assets of the merged party in the final controller's consolidated financial statements obtained as the initial investment cost of long-term equity investments as at the date of combination. In case the consideration for the combination is paid by issuance of equity instruments, the aggregate nominal value of shares issued will be deemed as the share capital. The difference between the initial investment cost of long-term equity investments and the carrying amount of consideration (or aggregate nominal value of shares issued) for the combination shall be adjusted to capital reserve. If the capital reserve is not sufficient to absorb the difference, any excess shall be adjusted against retained earnings.

(2) *Enterprise merger not under common control*

For this kind of enterprise merger, the acquisition cost is the aggregate fair value of assets paid, liabilities incurred or assumed and equity instruments issued by the acquirer in exchange for the control of the acquiree on the date of acquisition. The recognizable and identifiable assets, liabilities and contingent liabilities acquired or assumed, through enterprise merger not under common control shall be measured at fair values on the date of acquisition. When the cost of the enterprise merger exceeds the acquirer's interest in the fair value of the acquiree's identifiable net assets obtained, the difference shall be recognized as goodwill value. Where the cost of the enterprise merger is less than the acquirer's interest in the fair value of the acquiree's identifiable net assets, the difference shall be recognized in non-operating profits for the current period if it remains true after reassessment.

三. 重要會計政策及會計估計(續)

6. 合併財務報表的編製方法

(1) 合併財務報表範圍

本公司將全部子公司(包括本公司所控制的單獨主體)納入合併財務報表範圍，包括被本公司控制的企業、被投資單位中可分割的部分以及結構化主體。

(2) 統一母子公司的會計政策、統一母子公司的資產負債表日及會計期間

子公司與本公司採用的會計政策或會計期間不一致的，在編製合併財務報表時，按照本公司的會計政策或會計期間對子公司財務報表進行必要的調整。

(3) 合併財務報表抵銷事項

合併財務報表以本公司和子公司的資產負債表為基礎，已抵銷了本公司與子公司、子公司相互之間發生的內部交易。子公司所有者權益中不屬於本公司的份額，作為少數股東權益，在合併資產負債表中股東權益項目下以「少數股東權益」項目列示。子公司持有本公司的長期股權投資，視為本公司的庫存股，作為股東權益的減項，在合併資產負債表中股東權益項目下以「減：庫存股」項目列示。

(4) 合併取得子公司會計處理

對於同一控制下企業合併取得的子公司，視同該企業合併於自最終控制方開始實時控制時已經發生，從合併當期的期初起將其資產、負債、經營成果和現金流量納入合併財務報表；對於非同一控制下企業合併取得的子公司，在編製合併財務報表時，以購買日可辨認淨資產公允價值為基礎對其個別財務報表進行調整。

III. Important Accounting Policies and Estimates (Continued)

6. Preparation method of consolidated financial statements

(1) *Scope of consolidated financial statements*

The Company incorporated all of its subsidiaries (including the separate entities controlled by the Company) into the scope of consolidated financial statements, including the enterprises under the Company's control, divisible part in the investees and structured entities.

(2) *To unify the accounting policies, date of balance sheets and accounting periods of the Parent Company and subsidiaries*

When preparing consolidated financial statements, adjustments are made if the subsidiaries' accounting policies and accounting periods are different from that of the Company, in accordance with the Company's accounting policies and accounting periods.

(3) *Offset matters in the consolidated financial statements*

The consolidated financial statements shall be prepared on the basis of the balance sheets of the Company and subsidiaries, which offset the internal transactions incurred between the Company and subsidiaries and within subsidiaries. The shareholders' equity of the subsidiaries not attributable to the Company shall be presented as "minority equity" under the shareholders' equity item in the consolidated balance sheet. The long-term equity investment of the Company held by the subsidiaries, deemed as treasury stock of the Company as well as the reduction of shareholders' equity, shall be presented as "Less: Treasury stock" under the shareholders' equity item in the consolidated balance sheet.

(4) *Accounting treatment of subsidiaries acquired from merger*

For subsidiaries acquired under enterprise merger involving enterprises under common control, mergers were deemed to have taken place when the ultimate controller began to exercise control over them, the assets, liabilities, operating results and cash flows of the subsidiaries are included in the consolidated financial statements from the beginning of the financial year in which the combination took place. When preparing the consolidated financial statements, for the subsidiaries acquired from business combination not involving entities under common control, the identifiable net assets of the subsidiaries are adjusted on the basis of their fair values on the date of acquisition.

三. 重要會計政策及會計估計(續)

7. 合營安排分類及共同經營會計處理方法

(1) 合營安排的分類

合營安排分為共同經營和合營企業。未通過單獨主體達成的合營安排，劃分為共同經營。單獨主體，是指具有單獨可辨認的財務架構的主體，包括單獨的法人主體和不具備法人主體資格但法律認可的主體。通過單獨主體達成的合營安排，通常劃分為合營企業。相關事實和情況變化導致合營方在合營安排中享有的權利和承擔的義務發生變化的，合營方對合營安排的分類進行重新評估。

(2) 共同經營的會計處理

本公司為共同經營參與方，確認與共同經營中利益份額相關的下列項目，並按照相關企業會計準則的規定進行會計處理：確認單獨所持有的資產或負債，以及按份額確認共同持有的資產或負債；確認出售享有的共同經營產出份額所產生的收入；按份額確認共同經營因出售產出所產生的收入；確認單獨所發生的費用，以及按份額確認共同經營發生的費用。

本公司為對共同經營不享有共同控制的參與方，如果享有該共同經營相關資產且承擔該共同經營相關負債，則參照共同經營參與方的規定進行會計處理；否則，按照相關企業會計準則的規定進行會計處理。

(3) 合營企業的會計處理

本公司為合營企業合營方應當按照《企業會計準則第2號—長期股權投資》的規定對合營企業的投資進行會計處理，本公司為非合營方根據對該合營企業的影響程度進行會計處理。

III. Important Accounting Policies and Estimates (Continued)

7. Classification of joint arrangements and accounting for joint operations

(1) Classification of joint arrangements

Joint arrangements are divided into joint operations and joint ventures. Joint arrangements achieved not through separate entities are classified as joint operations. Separate entities refer to the entities with separate identifiable financial architecture including separate legal entities and legally recognized entities without the qualification of legal entity. Joint arrangements achieved through separate entities are generally classified as joint ventures. In case of changes in rights entitled to and obligations undertaken by the parties of joint venture under a joint arrangement due to the changes in relevant facts and circumstances, the parties of joint venture will re-assess the classification of joint arrangements.

(2) Accounting treatment for joint operations

The Company as a party of joint operation should recognize the following items in relation to its share of interest in joint operation, and proceed with accounting in accordance with the relevant provisions under the Accounting Standards for Business Enterprises: to recognize its separate assets or liabilities held, and recognize the assets or liabilities jointly held according to its share; to recognize the income from the disposal of its output share under joint operation; to recognize the income from the disposal of output under joint operation according to its share; to recognize the expenses incurred separately, and recognize the expenses incurred under joint operation according to its share.

For the case in which the Company is a party of a joint operation not under common control, if it is entitled to relevant assets and undertake relevant liabilities of the joint operation, accounting will be carried out with reference to the provisions of the parties of joint operation; otherwise, it should be subject to relevant Accounting Standards for Business Enterprises.

(3) Accounting treatment for joint ventures

The Company as a party of a joint venture should perform accounting for investments by the joint venture in accordance with the Accounting Standards for Business Enterprises No. 2 – Long-term Equity Investments. If the Company is no a party of a joint venture, it should carry out accounting depending on their influence on the joint venture.

三. 重要會計政策及會計估計(續)

8. 現金及現金等價物的確定標準

本公司在編製現金流量表時所確定的現金，是指本公司庫存現金以及可以隨時用於支付的存款。在編製現金流量表時所確定的現金等價物，是指持有的期限短、流動性強、易於轉換為已知金額現金、價值變動風險很小的投資。

9. 外幣業務和外幣報表折算

(1) 外幣業務折算

本公司對發生的外幣交易，採用與交易發生日即期匯率折合本位幣入賬。資產負債表日外幣貨幣性項目按資產負債表日即期匯率折算，因該日的即期匯率與初始確認時或者前一資產負債表日即期匯率不同而產生的匯兌差額，除符合資本化條件的外幣專門借款的匯兌差額在資本化期間予以資本化計入相關資產的成本外，均計入當期損益。以歷史成本計量的外幣非貨幣性項目，仍採用交易發生日的即期匯率折算，不改變其記賬本位幣金額。以公允價值計量的外幣非貨幣性項目，採用公允價值確定日的即期匯率折算，折算後的記賬本位幣金額與原記賬本位幣金額的差額，作為公允價值變動(含匯率變動)處理，計入當期損益或確認為其他綜合收益。

III. Important Accounting Policies and Estimates (Continued)

8. Recognition standard for cash and cash equivalents

Cash presented in the cash flow statements represents the cash on hand and deposits available for payment at any time. Cash equivalents presented in the cash flow statements refer to short-term, highly liquid investments held that are readily convertible to known amounts of cash and which are subject to an insignificant risk on change in value.

9. Translation of foreign currency transactions and financial statements denominated in foreign currency

(1) Translation of foreign currency transactions

Foreign currency transactions of the Company are recorded in the recording currency translated at the spot exchange rates on the transaction date. At the balance sheet date, foreign currency monetary items are translated to RMB using the spot exchange rate at that date. Exchange differences arising from the difference between the spot exchange rate on the balance sheet date and the spot exchange rate used in initial recognition or on the last balance sheet date shall be recorded into the profit or loss for the current period, except for those arising from borrowings denominated in foreign currencies and used for financing the construction of qualifying assets, which are capitalized as cost of the related assets. Foreign currency non-monetary items measured at historical cost shall continue to be translated using the spot exchange rate at the date of transaction. Foreign currency non-monetary items measured at fair value shall be translated at the spot exchange rate on the date when the fair value is determined. The exchange difference arising therefrom shall be treated as the change in fair value (including the change in exchange rate), and included in profit or loss for the current period or recognized as other comprehensive income.

三. 重要會計政策及會計估計(續)

9. 外幣業務和外幣報表折算(續)

(2) 外幣財務報表折算

本公司的子公司、合營企業、聯營企業等，若採用與本公司不同的記賬本位幣，需對其外幣財務報表折算後，再進行會計核算及合併財務報表的編報。資產負債表中的資產和負債項目，採用資產負債表日的即期匯率折算，所有者權益項目除「未分配利潤」項目外，其他項目採用發生時的即期匯率折算。利潤表中的收入和費用項目，採用交易發生日的即期匯率折算。折算產生的外幣財務報表折算差額，在資產負債表中所有者權益項目其他綜合收益下列示。外幣現金流量應當採用現金流量發生日的即期匯率。匯率變動對現金的影響額，在現金流量表中單獨列示。處置境外經營時，與該境外經營有關的外幣報表折算差額，全部或按處置該境外經營的比例轉入處置當期損益。

10. 金融工具

(1) 金融工具的分類及重分類

金融工具劃分為金融資產或金融負債和權益工具。本公司成為金融工具合同的一方時，確認為一項金融資產或金融負債，或權益工具。

本公司管理金融資產的業務模式是以收取合同現金流量為目標，且該金融資產的合同條款規定，在特定日期產生的現金流量僅為對本金和以未償付本金金額為基礎的利息的支付，本公司分類為以攤餘成本計量的金融資產。

III. Important Accounting Policies and Estimates (Continued)

9. Translation of foreign currency transactions and financial statements denominated in foreign currency (Continued)

(2) Translation of financial statements denominated in foreign currency

If the functional currencies used as the bookkeeping base currency by the subsidiaries, joint ventures and associates under the control of the Company are different from that of the Company, their financial statements denominated in foreign currencies shall be translated to perform accounting and prepare the consolidated financial statements. The assets and liabilities in the balance sheet are translated into functional currency at the spot exchange rates at the balance sheet date. Except the item "Retained earnings", the owner's equity items are translated into functional currency at the spot exchange rates. The income and expenses items in the income statement are translated into functional currency at the spot exchange rates at the transaction dates. The resulting exchange differences of the financial statements denominated in foreign currencies are presented under other comprehensive income of owner's equity item in the balance sheet. The cash flow of foreign currency shall be translated at the spot exchange rate at the date on which the cash flow is generated. The effect of exchange movement on the cash shall be included separately in the cash flow statement. On disposal of foreign operations, exchange differences arising from the translation of financial statements denominated in foreign currencies related to the foreign operation shall be transferred to profit or loss for the current period either entirely or at the proportion of disposal of foreign operations.

10. Financial instruments

(1) Classification and reclassification of financial instruments

Financial instruments are classified as financial assets or financial liabilities and equity instruments. A financial asset or a financial liability or an equity instrument is recognized when the Company becomes a contractual party of a financial instrument.

A financial asset is measured at amortised cost if it is held within a business model whose objective is to hold assets to collect contractual cash flows, and its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

三. 重要會計政策及會計估計(續)

10. 金融工具(續)

(1) 金融工具的分類及重分類(續)

本公司管理金融資產的業務模式既以收取合同現金流量又以出售該金融資產為目標，且該金融資產的合同條款規定，在特定日期產生的現金流量，僅為對本金和以未償付本金金額為基礎的利息的支付，本公司分類為以公允價值計量且其變動計入其他綜合收益的金融資產。對於非交易性權益工具投資，本公司可在初始確認時將其不可撤銷地指定為以公允價值計量且其變動計入其他綜合收益的金融資產。該指定在單項投資的基礎上作出，且相關投資從發行者的角度符合權益工具的定義。

除分類為以攤餘成本計量的金融資產和以公允價值計量且其變動計入其他綜合收益的金融資產之外的金融資產，本公司將其分類為以公允價值計量且其變動計入當期損益的金融資產。

除非本公司改變管理金融資產的業務模式，在此情形下，所有受影響的相關金融資產在業務模式發生變更後的首個報告期間的第一天進行重分類，否則金融資產在初始確認後不得進行重分類。

金融負債於初始確認時分類為：以公允價值計量且其變動計入當期損益的金融負債；金融資產轉移不符合終止確認條件或繼續涉入被轉移金融資產所形成的金融負債；以攤餘成本計量的金融負債。所有的金融負債不進行重分類。

III. Important Accounting Policies and Estimates (Continued)

10. Financial instruments (Continued)

(1) Classification and reclassification of financial instruments (Continued)

A financial asset is measured at FVOCI if it is held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets, and its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding. On initial recognition of an equity investment that is not held for trading, the Group may irrevocably elect to present subsequent changes in the investment's fair value in other comprehensive income. This election is made on an investment-by-investment basis.

All financial assets not classified as measured at amortised cost or FVOCI as described above are measured at FVTPL.

Financial assets are not reclassified subsequent to their initial recognition unless the Company changes its business model for managing financial assets in which case all affected financial assets are reclassified on the first day of the first reporting period following the change in the business model.

On initial recognition, financial liabilities are classified as: financial liabilities at FVTPL; financial liabilities formed because transfers of financial assets do not meet the derecognition conditions or continuing involvements in the transferred financial assets are noted; financial liabilities measured at amortised cost. All financial liabilities are not subject to reclassification.

三. 重要會計政策及會計估計(續)

10. 金融工具(續)

(2) 金融工具的計量

本公司金融工具初始確認按公允價值計量。金融工具的後續計量取決於其分類。

1) 金融資產

① 以攤餘成本計量的金融資產

初始確認後，對於該類金融資產採用實際利率法以攤餘成本計量。以攤餘成本計量且不屬於任何套期關係的一部分的金融資產所產生的利得或損失，在終止確認、按照實際利率法攤銷或確認減值時，計入當期損益。

② 以公允價值計量且其變動計入當期損益的金融資產

初始確認後，對於該類金融資產以公允價值進行後續計量，產生的利得或損失(包括利息和股利收入)計入當期損益，除非該金融資產屬於套期關係的一部分。

III. Important Accounting Policies and Estimates (Continued)

10. Financial instruments (Continued)

(2) Measurement of financial instruments

Financial instruments of the Company are initially recognized and measured at fair values. Subsequent measurement of financial instruments depends on classification.

1) Financial assets

① Financial assets at amortised cost

These assets are subsequently measured at amortised cost using the effective interest method. A gain or loss on a financial asset that is measured at amortised cost and is not part of a hedging relationship shall be recognised in profit or loss when the financial asset is derecognised, through the amortisation process or in order to recognise impairment gains or losses.

② Financial assets at FVTPL

These financial assets are subsequently measured at fair value. Net gains and losses, including any interest or dividend income, are recognised in profit or loss unless the financial assets are part of a hedging relationship.

三. 重要會計政策及會計估計(續)

10. 金融工具(續)

(2) 金融工具的計量(續)

1) 金融資產(續)

- ③ 以公允價值計量且其變動計入其他綜合收益的債權投資

初始確認後，對於該類金融資產以公允價值進行後續計量。採用實際利率法計算的利息、減值損失或利得及匯兌損益計入當期損益，其他利得或損失計入其他綜合收益。終止確認時，將之前計入其他綜合收益的累計利得或損失從其他綜合收益中轉出，計入當期損益。

2) 金融負債

- ① 以公允價值計量且其變動計入當期損益的金融負債

該類金融負債包括交易性金融負債(含屬於金融負債的衍生工具)和指定為以公允價值計量且其變動計入當期損益的金融負債。初始確認後，對於該類金融負債以公允價值進行後續計量，除與套期會計有關外，產生的利得或損失(包括利息費用)計入當期損益。

III. Important Accounting Policies and Estimates (Continued)

10. Financial instruments (Continued)

(2) Measurement of financial instruments (Continued)

1) Financial assets (Continued)

- ③ Debt investments at FVOCI

These financial assets are subsequently measured at fair value. Interest income calculated using the effective interest method, impairment and foreign exchange gains and losses are recognised in profit or loss. Other net gains and losses are recognised in other comprehensive income. On derecognition, gains and losses accumulated in other comprehensive income are reclassified to profit or loss.

2) Financial liabilities

- ① Financial liabilities at FVTPL

A financial liability is classified as at FVTPL if it is classified as held-for-trading (including derivative financial liability) or it is designated as such on initial recognition. Financial liabilities at FVTPL are subsequently measured at fair value and net gains and losses, including any interest expense, are recognised in profit or loss, unless the financial liabilities are part of a hedging relationship.

三. 重要會計政策及會計估計(續)

10. 金融工具(續)

(2) 金融工具的計量(續)

2) 金融負債(續)

② 以攤餘成本計量的金融負債

初始確認後，對此類金融負債採用實際利率法以攤餘成本計量。

(3) 本公司對金融工具的公允價值的確認方法

如存在活躍市場的金融工具，以活躍市場中的報價確定其公允價值；如不存在活躍市場的金融工具，採用估值技術確定其公允價值。估值技術主要包括市場法、收益法和成本法。

(4) 金融資產和金融負債轉移的確認依據和計量方法

本公司轉移了金融資產所有權上幾乎所有風險和報酬的，應當終止確認該金融資產，並將轉移中產生或保留的權利和義務單獨確認為資產或負債。本公司保留了金融資產所有權上幾乎所有風險和報酬的，應當繼續確認該金融資產。本公司既沒有轉移也沒有保留金融資產所有權上幾乎所有風險和報酬的，根據是否保留了對金融資產的控制，分別下列情形處理：

III. Important Accounting Policies and Estimates (Continued)

10. Financial instruments (Continued)

(2) Measurement of financial instruments (Continued)

2) Financial liabilities (Continued)

② Financial liabilities at amortised cost

Other financial liabilities are subsequently measured at amortised cost using the effective interest method.

(3) Recognition of the fair value of financial assets and financial liabilities by the Company

As for the financial assets or financial liabilities for which there is an active market, the quoted prices in the active market shall be used to recognize the fair values thereof. Where there is no active market for a financial instrument, the enterprise concerned shall adopt value appraisal techniques to determine its fair value. The value appraisal techniques mainly include market approach, income approach and cost approach.

(4) Recognition and measurement of transfer of financial assets and liabilities

In the event of transferring substantially all the risks and rewards of ownership of a financial asset, the Company derecognises the financial asset and recognises separately the rights and obligations arising from or retained in the transfer as assets or liabilities. In the event of retaining substantially all the risks and rewards of ownership of a financial asset, the Company continues to recognise the financial asset. Where the Company does not transfer or retain nearly all of the risks and rewards relating to the ownership of a financial asset, it shall treat it in light of the following circumstances, respectively, depending on whether the Company retains its control over the financial asset:

三. 重要會計政策及會計估計(續)

10. 金融工具(續)

(4) 金融資產和金融負債轉移的確認依據和計量方法(續)

- 1) 本公司未保留對該金融資產控制的，應當終止確認該金融資產，並將轉移中產生或保留的權利和義務單獨確認為資產或負債。
- 2) 本公司保留了對該金融資產控制的，應當按照其繼續涉入被轉移金融資產的程度繼續確認有關金融資產，並相應確認相關負債。繼續涉入被轉移金融資產的程度，是指本公司承擔的被轉移金融資產價值變動風險或報酬的程度。

金融資產滿足終止確認條件的，將所轉移金融資產在終止日的賬面價值與因轉移而收到的對價和原直接計入其他綜合收益的公允價值變動累計額中對應終止確認部分的金額之和的差額部分，計入當期損益。本公司轉移了金融資產的一部分，且該被轉移部分整體滿足終止確認條件的，將所轉移金融資產整體的賬面價值，在終止確認部分和未終止確認部分之間，按照轉移日各自的相對公允價值進行分攤，並將終止確認部分在終止確認日的賬面價值與終止確認部分收到的對價，與原計入其他綜合收益的公允價值變動累計額中對應終止確認部分的金額之和。

金融負債的現時義務全部或部分已經解除的，本公司終止確認該金融負債或義務已解除部分。

III. Important Accounting Policies and Estimates (Continued)

10. Financial instruments (Continued)

(4) Recognition and measurement of transfer of financial assets and liabilities (Continued)

- 1) If the control over the financial asset is not retained, the Company derecognises the financial asset and recognises separately the rights and obligations arising from or retained in the transfer as assets or liabilities.
- 2) If the control over the financial asset is retained, it continues to recognise the financial asset to the extent of its continuing involvement in the transferred financial asset and recognises an associated liability. The extent of the continuing involvement in the transferred financial assets refers to the extent to which the Group assumes the risk or reward of changes in the value of the transferred financial asset.

When a financial asset meets the criteria for derecognition, the carrying amount of the financial asset transferred measured at the date of derecognition and the sum of the consideration received from the transfer and any cumulative gain or loss that has been recognised directly in other comprehensive income for the part derecognised are recognised in profit or loss. For a part of transfer of a financial asset is transferred and the part of financial asset transferred satisfies the derecognition criteria, the carrying amount of the transferred financial asset is allocated between the part that is derecognized and the part that is not derecognized, based on the respective fair values of those parts on transfer date. The difference between the sum of the consideration received for the part derecognized and any cumulative gain or loss allocated to the part derecognized which has been previously recognized in other comprehensive income; and the carrying amount allocated to the part derecognized on derecognition date; is recognized in profit or loss or retained earnings.

When all or part of the current obligation to a financial liability has been terminated, the part of such financial liability or obligation shall be derecognized.

三. 重要會計政策及會計估計(續)

10. 金融工具(續)

(5) 金融資產減值

本公司以預期信用損失為基礎，對以攤餘成本計量的金融資產、以公允價值計量且其變動計入其他綜合收益的債權投資、租賃應收款、合同資產、進行減值會計處理並確認損失準備。

本公司以概率加權平均為基礎對預期信用損失進行計量。

對於購買或源生的已發生信用減值的金融資產，本公司在資產負債表日僅將自初始確認後整個存續期內逾期信用損失的累計變動確認為損失準備。對於不屬於購買或源生的已發生信用減值的金融資產，本公司一般按照相當於該金融工具未來12個月內預期信用損失的金額計量其損失準備，除非該金融工具信用風險自初始確認後顯著增加，這種情況下按照相當於該金融工具整個存續期內預期信用損失的金額計量其損失準備。

本公司對於不含重大融資成分(包括不超過一年的合同中融資成分)的應收賬款和合同資產，始終按整個存續期預期信用損失計量損失準備。本公司對於包含重大融資成分的應收賬款、合同資產、租賃應收款，經評估信用風險自初始確認後未顯著增加的，按照未來12個月的預期信用損失計量損失準備，信用風險自初始確認後顯著增加的，按照整個存續期的預期信用損失計量損失準備。

III. Important Accounting Policies and Estimates (Continued)

10. Financial instruments (Continued)

(5) Impairment of financial assets

The Company recognises loss allowances for expected credit loss (ECL) on financial assets measured at amortised cost, debt investments at FVOCI, lease receivables, contract assets.

The ECL is measured based on probability-weighted average.

For the purchased or derived credit-impaired financial assets, the Company only recognises the accumulated changes in expected credit losses for the entire duration from the initial recognition as loss allowance on the reporting date. For financial assets which are not purchased or derived credit-impaired financial assets, the Company generally measures the loss allowance for a financial instrument at an amount equal to the next 12 months ECL except that the credit risk of that financial instrument has increased significantly since initial recognition in which case the Company measures the loss allowance for a financial instrument at an amount equal to the lifetime ECL.

For the accounts receivable and contract assets that does not contain significant financing components (including financing component in contracts with a term of less than one year), the Company always measures the loss allowance at an amount equal to the lifetime ECL. For the accounts receivable, contract assets and lease receivables that contain significant financing components, the Company measures the loss allowance at an amount equal to the next 12 months ECL in case of no significant increase in the credit risk since initial recognition as indicated by assessment, or at an amount equal to the lifetime ECL in case of significant increase in the credit risk since initial recognition.

三. 重要會計政策及會計估計(續)

10. 金融工具(續)

(5) 金融資產減值(續)

根據金融工具的性質，本公司以單項金融工具或金融工具組合為基礎評估信用風險是否顯著增加。以金融工具組合為基礎進行評估時，本公司基於共同信用風險特徵對金融工具進行分類，例如賬齡信息和信用風險評級。

為反映金融工具的信用風險自初始確認後的變化，本公司在每個資產負債表日重新計量預期信用損失，由此形成的損失準備的增加或轉回金額，應當作為減值損失或利得計入當期損益。對於以攤餘成本計量的金融資產，損失準備抵減該金融資產在資產負債表中列示的賬面價值；對於以公允價值計量且其變動計入其他綜合收益的債權投資，本公司在其他綜合收益中確認其損失準備，不抵減該金融資產的賬面價值。

11. 存貨

(1) 存貨的分類

存貨是指本公司在日常活動中持有以備出售的產成品或商品、處在生產過程中的在產品、在生產過程或提供勞務過程中耗用的材料和物料等。主要包括原材料、週轉材料、在產品、庫存商品等。

(2) 發出存貨的計價方法

存貨發出時，採取加權平均法確定其發出的實際成本。

III. Important Accounting Policies and Estimates (Continued)

10. Financial instruments (Continued)

(5) Impairment of financial assets (Continued)

Depending on the nature of the financial instruments, the assessment of a significant increase in credit risk is performed on either an individual basis or a collective basis. When the assessment is performed on a collective basis, the financial instruments are grouped based on shared credit risk characteristics, such as ageing information and credit risk ratings.

ECLs are remeasured at each balance sheet date to reflect changes in the financial instrument's credit risk since initial recognition. Any change in the ECL amount is recognised as an impairment gain or loss in profit or loss. The Company recognises an impairment gain or loss for financial assets carried at amortised cost with offset against their carrying amount through a loss allowance account; for the debt investments at FVOCI, the Company recognizes the loss allowance in other comprehensive income without offset against their carrying amount.

11. Inventories

(1) Classification

Inventories means finished goods or merchandise held for sale in the ordinary course of business, unfinished products in the process of production, materials or supplies used in the process of production or rendering of services. Inventories mainly include raw materials, revolving materials, work in progress and finished goods.

(2) Measurement for delivered inventories

Upon delivery of inventories, the actual cost of such inventories will be determined by using weighted average method.

三. 重要會計政策及會計估計(續)

11. 存貨(續)

(3) 存貨跌價準備的計提方法

期末對存貨進行全面清查後，按存貨的成本與可變現淨值孰低提取或調整存貨跌價準備。產成品、庫存商品和用於出售的材料等直接用於出售的商品存貨，在正常生產經營過程中，以該存貨的估計售價減去估計的銷售費用和相關稅費後的金額，確定其可變現淨值；需要經過加工的材料存貨，在正常生產經營過程中，以所生產的產成品的估計售價減去至完工時估計將要發生的成本、估計的銷售費用和相關稅費後的金額，確定其可變現淨值；為執行銷售合同或者勞務合同而持有的存貨，其可變現淨值以合同價格為基礎計算，若持有存貨的數量多於銷售合同訂購數量的，超出部分的存貨的可變現淨值以一般銷售價格為基礎計算。

期末按照單個存貨項目計提存貨跌價準備；但對於數量繁多、單價較低的存貨，按照存貨類別計提存貨跌價準備；與在同一地區生產和銷售的產品系列相關、具有相同或類似最終用途或目的，且難以與其他項目分開計量的存貨，則合併計提存貨跌價準備。

以前減記存貨價值的影響因素已經消失的，減記的金額予以恢復，並在原已計提的存貨跌價準備金額內轉回，轉回的金額計入當期損益。

III. Important Accounting Policies and Estimates (Continued)

11. Inventories (Continued)

(3) Provision for impairment

At the end of the period, after a thorough inspection of the inventories, provision for decline in value of inventories will be made and adjusted at the lower of the cost and the net realizable value. Net realizable value of held-for-sale commodity stocks, such as products, goods-in-stock, and held-for-sale raw materials, during the normal course of production and operation, shall be determined by their estimated selling prices less the related selling expenses and taxes; the net realizable value of material inventories, which need to be processed, during the normal course of production and operation, shall be determined by the amount after deducting the estimated cost of completion, estimated selling expenses and relevant taxes from the estimated selling price of finished goods; the net realizable value of inventories held for execution of sales contracts or labor contracts shall be calculated on the ground of the contracted price. If an enterprise holds more inventories than the quantity stipulated in the sales contract, the net realizable value of the exceeding part shall be calculated on the ground of general selling price.

Provision for decline in value of inventories is made on an item-by-item basis at the end of the period. For large quantity and low value items of inventories, provision may be made based on categories of inventories; for items of inventories relating to a product line that is produced and marketed in the same geographical area and with the same or similar end uses or purposes, which cannot be practicably evaluated separately from other items in that product line, provision for decline in value of inventories may be determined on an aggregate basis.

Should the factors causing any write-down of the inventories do not exist, the amount of write-down will be recovered and be reversed from the provision for diminution in value of inventories that has been made. The reversed amount will be included in the current profits and losses.

三. 重要會計政策及會計估計(續)

11. 存貨(續)

(4) 存貨的盤存制度

本公司的存貨盤存制度為永續盤存制。

(5) 低值易耗品和包裝物的攤銷方法

低值易耗品採用一次轉銷法進行攤銷，週轉使用的包裝物及其他週轉材料採用五五攤銷法進行核算。

12. 長期股權投資

(1) 初始投資成本確定

對於企業合併取得的長期股權投資，如為同一控制下的企業合併，應當在合併日按照所取得的被合併方在最終控制方合併財務報表中的淨資產的賬面價值的份額作為長期股權投資的初始投資成本；非同一控制下的企業合併，按照購買日確定的合併成本作為長期股權投資的初始投資成本；以支付現金取得的長期股權投資，初始投資成本為實際支付的購買價款；以發行權益性證券取得的長期股權投資，初始投資成本為發行權益性證券的公允價值；通過債務重組取得的長期股權投資，其初始投資成本按照《企業會計準則第12號—債務重組》的有關規定確定；非貨幣性資產交換取得的長期股權投資，初始投資成本按照《企業會計準則第7號—非貨幣性資產交換》的有關規定確定。

III. Important Accounting Policies and Estimates (Continued)

11. Inventories (Continued)

(4) Inventory system

The Company adopts perpetual inventory system.

(5) Amortization of low-value consumables and packaging materials

Low-value consumables are amortized using one-off write-off method. Packaging materials and other revolving materials are amortized using equal-split amortization method.

12. Long-term equity investments

(1) Determination of initial investment cost

For a long-term equity investment obtained from business consolidation under common control, the initial investment cost is measured at the share of the carrying amount of the net asset of the combined party included in the consolidated financial statement of the ultimate controller as at the date of combination; for a long-term equity investment obtained from business consolidation not under common control, the initial investment cost is the consolidation cost at the date of acquisition. For a long-term equity investment acquired by cash, the initial investment cost shall be the actual purchase price. For a long-term equity investment acquired by the issue of equity securities, the initial investment cost shall be the fair value of the securities issued. For a long-term equity investment acquired by debt restructuring, the initial investment cost is recognized according to relevant requirements of Accounting Standards for Business Enterprises No.12 – Debt Restructuring. For a long-term equity investment acquired by exchange of non-monetary assets, the initial investment cost is recognized according to relevant requirements of Accounting Standards for Business Enterprises No.7 – Non-monetary Asset Exchange.

三. 重要會計政策及會計估計(續)

12. 長期股權投資(續)

(2) 後續計量及損益確認方法

本公司能夠对被投資單位實施控制的長期股權投資應當採用成本法核算，對聯營企業和合營企業的長期股權投資採用權益法核算。本公司對聯營企業的權益性投資，其中一部分通過風險投資機構、共同基金、信託公司或包括投連險基金在內的類似主體間接持有的，無論以上主體是否對這部分投資具有重大影響，本公司應當按照《企業會計準則第22號—金融工具確認和計量》的有關規定，對間接持有的該部分投資選擇以公允價值計量且其變動計入損益，並對其餘部分採用權益法核算。

(3) 確定對被投資單位具有共同控制、重大影響的依據

對被投資單位具有共同控制，是指對某項安排的回報產生重大影響的活動必須經過分享控制權的參與方一致同意後才能決策，包括商品或勞務的銷售和購買、金融資產的管理、資產的購買和處置、研究與開發活動以及融資活動等；對被投資單位具有重大影響，是指當持有被投資單位20%以上至50%的表決權資本時，具有重大影響。或雖不足20%，但符合下列條件之一時，具有重大影響：在被投資單位的董事會或類似的權力機構中派有代表；參與被投資單位的政策制定過程；向被投資單位派出管理人員；被投資單位依賴投資公司的技術或技術資料；與被投資單位之間發生重要交易。

III. Important Accounting Policies and Estimates (Continued)

12. Long-term equity investments (Continued)

(2) Subsequent measurement and profit or loss recognition

Where the investor has a control over the investee, long-term equity investments are measured using cost method. Long-term equity investments in associates and joint ventures are measured using equity method. Where part of the equity investments of an investor in its associates are held indirectly through venture investment institutions, common fund, trust companies or other similar entities including investment linked insurance funds, such part of equity investments indirectly held by the investor shall be measured at fair value through profit or loss according to relevant requirements of Accounting Standards for Business Enterprises No. 22 – Recognition and Measurement of Financial Instruments regardless whether the above entities have significant influence on such part of equity investments, while the remaining part shall be measured using equity method.

(3) Basis of conclusion for common control and significant influence over the investee

Joint control over an investee refers to where the activities which have a significant influence on return on certain arrangement could be decided only by mutual consent of the investing parties sharing the control, which includes the sales and purchase of goods or services, management of financial assets, acquisition and disposal of assets, research and development activities and financing activities, etc.; Significant influence on the investee refers to that: significant influence over the investee exists when holding more than 20% but less than 50% of the shares with voting rights or even if the holding is below 20%, there is still significant influence if any of the following conditions is met: there is representative in the board of directors or similar governing body of the investee; participation in the investee's policy setting process; assigning key management to the investee; the investee relies on the technology or technical information of the investing company; or major transactions with the investee.

三. 重要會計政策及會計估計(續)

13. 固定資產

(1) 確認條件

固定資產指為生產商品、提供勞務、出租或經營管理而持有的，使用壽命超過一個會計年度的有形資產。同時滿足以下條件時予以確認：與該固定資產有關的經濟利益很可能流入企業；該固定資產的成本能夠可靠地計量。

(2) 折舊方法

本公司固定資產主要分為：房屋建築物、機器設備、電子設備、運輸設備等；折舊方法採用年限平均法。根據各類固定資產的性質和使用情況，確定固定資產的使用壽命和預計淨殘值。並在年度終了，對固定資產的使用壽命、預計淨殘值和折舊方法進行覆核，如與原先估計數存在差異的，進行相應的調整。除已提足折舊仍繼續使用的固定資產和單獨計價入賬的土地之外，本公司對所有固定資產計提折舊。

III. Important Accounting Policies and Estimates (Continued)

13. Fixed assets

(1) Recognition conditions

Fixed assets are tangible assets that are held for production, provision of services, leasing or administrative purposes, and have useful life of more than one financial year. Fixed assets are recognized when both of the following conditions are met: economic benefits in relation to the fixed assets are very likely to flow into the enterprise; and the cost of the fixed assets can be measured reliably.

(2) Depreciation methods

Main fixed assets held by the Company are buildings and structures, machine and equipment, electronic equipment and transportation tools etc. Depreciation is provided based upon the straight-line method. The Company determines the useful life and estimates net residual value of a fixed asset according to the nature and use pattern of the fixed asset. The Company, at the end of each year, has a review on the useful life, expected net residual value and the depreciation method of the fixed assets. If it differs from its previous estimate, adjustment will be made accordingly. The Company provides depreciation for all its fixed assets other than fully depreciated fixed assets that are still in use and land individually accounted for.

類別	Category	折舊方法	Depreciation method	折舊年限 Depreciable life (年) (year)	殘值率 Residual value rate (%)	年折舊率 Annual depreciation rate (%)
房屋建築物	Buildings and structures	年限平均法	Straight-line method	30-50	3-5	1.90-3.23
機器設備	Machine and equipment	年限平均法	Straight-line method	4-28	3-5	3.39-24.25
電子設備	Electronic equipment	年限平均法	Straight-line method	10	3	9.70
運輸設備	Transportation tools	年限平均法	Straight-line method	6-12	3-5	7.92-16.17
其他設備	Other equipment	年限平均法	Straight-line method	4-28	3-5	3.39-24.25

三. 重要會計政策及會計估計(續)

14. 在建工程

本公司在建工程分為自營方式建造和出包方式建造兩種。在建工程在工程完工達到預定可使用狀態時，結轉固定資產。預定可使用狀態的判斷標準，應符合下列情況之一：固定資產的實體建造(包括安裝)工作已經全部完成或實質上已經全部完成；已經試生產或試運行，並且其結果表明資產能夠正常運行或能夠穩定地生產出合格產品，或者試運行結果表明其能夠正常運轉或營業；該項建造的固定資產上的支出金額很少或者幾乎不再發生；所購建的固定資產已經達到設計或合同要求，或與設計或合同要求基本相符。

15. 借款費用

(1) 借款費用資本化的確認原則

本公司發生的借款費用，可直接歸屬於符合資本化條件的資產的購建或者生產的，予以資本化，計入相關資產成本；其他借款費用，在發生時根據其發生額確認為費用，計入當期損益。符合資本化條件的資產，是指需要經過相當長時間的購建或者生產活動才能達到預定可使用或者可銷售狀態的固定資產、投資性房地產和存貨等資產。

III. Important Accounting Policies and Estimates (Continued)

14. Construction in progress

There are two types of construction in progress for the Company: self-construction and sub-contracting construction. Construction in progress is transferred to fixed assets when the project is completed and ready for its intended use. A fixed asset is ready for intended use if any of the following criteria is met: the construction of the fixed assets (including installation) has been completed or substantially completed; the fixed asset has been put to trial production or trial operation and it is evidenced that the asset can operate ordinarily or produce steadily qualified products; or the result of trial operation proves that it can run or operate normally; little or no expenditure will be incurred for construction of the fixed asset; or the fixed asset constructed has achieved or almost achieved the requirement of design or contract.

15. Borrowing costs

(1) Basis for capitalization of borrowing costs

The Company's borrowing costs that are directly attributable to the acquisition or production of a qualifying asset are capitalized into the cost of relevant assets. Other borrowing costs are recognized as expenses in profit and loss for the current period when incurred. Qualifying assets include fixed assets, investment property and inventories that necessarily take a substantial period of time for acquisition, construction or production to get ready for their intended use or sale.

三. 重要會計政策及會計估計(續)

15. 借款費用(續)

(2) 資本化金額計算方法

資本化期間，是指從借款費用開始資本化時點到停止資本化時點的期間。借款費用暫停資本化的期間不包括在內。在購建或生產過程中發生非正常中斷、且中斷時間連續超過3個月的，應當暫停借款費用的資本化。

借入專門借款，按照專門借款當期實際發生的利息費用，減去將尚未動用的借款資金存入銀行取得的利息收入或進行暫時性投資取得的投資收益後的金額確定；佔用一般借款按照累計資產支出超過專門借款部分的資產支出加權平均數乘以所佔用一般借款的資本化率計算確定，資本化率為一般借款的加權平均利率；借款存在折價或溢價的，按照實際利率法確定每一會計期間應攤銷的折價或溢價金額，調整每期利息金額。

實際利率法是根據借款實際利率計算其攤餘折價或溢價或利息費用的方法。其中實際利率是借款在預期存續期間的未來現金流量，折現為該借款當前賬面價值所使用的利率。

III. Important Accounting Policies and Estimates (Continued)

15. Borrowing costs (Continued)

(2) Calculation of amount to be capitalized

The capitalization period refers to the period beginning from the commencement of capitalizing borrowing costs to the date of ceasing capitalization, excluding the period of suspension of capitalization. Where the acquisition and construction or production of a qualified asset is interrupted abnormally and the interruption period lasts for more than 3 months, the capitalization of the borrowing costs shall be suspended.

For designated borrowings, the capitalized amount shall be the actual interest expense incurred for the designated borrowings, less the interest income from the unused funds of the designated borrowings or investment income from the temporary investments; and for general borrowings, the weighted average of general borrowings occupied, based on the accumulated expenditure exceeding the capital expenditure from designated borrowings times the interest rate of the general borrowings so occupied. The interest rate is the weighted average rate of the general borrowings; and for borrowings with discount or premium, the discount or premium was amortized over the term of the borrowings to adjust the interest in every period using effective interest rate method.

The effective interest rate method is based on the effective interest rate of the borrowings to calculate the amortization of discount or premium or interest expense. The effective interest rate is the rate in discounting the estimated future cash flows to the carrying value of the borrowings.

三. 重要會計政策及會計估計(續)

16. 無形資產

(1) 計價方法、使用壽命、減值測試

無形資產的計價方法

本公司無形資產按照成本進行初始計量。購入的無形資產，按實際支付的價款和相關支出作為實際成本。投資者投入的無形資產，按投資合同或協議約定的價值確定實際成本，但合同或協議約定價值不公允的，按公允價值確定實際成本。自行開發的無形資產，其成本為達到預定用途前所發生的支出總額。

本公司無形資產後續計量方法分別為：使用壽命有限無形資產採用直線法攤銷，並在年度終了，對無形資產的使用壽命和攤銷方法進行覆核，如與原先估計數存在差異的，進行相應的調整；使用壽命不確定的無形資產不攤銷，但在年度終了，對使用壽命進行覆核，當有確鑿證據表明其使用壽命是有限的，則估計其使用壽命，按直線法進行攤銷。

使用壽命不確定的判斷依據

本公司將無法預見該資產為公司帶來經濟利益的期限，或使用期限不確定等無形資產確定為使用壽命不確定的無形資產。使用壽命不確定的判斷依據為：來源於合同性權利或其他法定權利，但合同規定或法律規定無明確使用年限；綜合同行業情況或相關專家論證等，仍無法判斷無形資產為公司帶來經濟利益的期限。

每年年末，對使用壽命不確定無形資產使用壽命進行覆核，主要採取自下而上的方式，由無形資產使用相關部門進行基礎覆核，評價使用壽命不確定判斷依據是否存在變化等。

III. Important Accounting Policies and Estimates (Continued)

16 Intangible assets

(1) Measurement, useful life and impairment test

Measurement of intangible assets

Intangible assets are initially measured at costs. The actual costs of purchased intangible assets include the considerations and relevant expenses paid. The actual costs of intangible assets contributed by investors are the prices contained in the investment agreements or mutually agreed. If the price contained in the investment agreement or mutually agreed is not a fair value, the fair value of the intangible asset is regarded as the actual cost. The cost of a self-developed intangible asset is the total expenditure incurred in bringing the asset to its intended use.

Subsequent measurement of the Company's intangible assets: Intangible assets with finite useful life are amortized on a straight-line basis over the useful life of the intangible assets; at the end of each year, the useful life and amortization policy are reviewed, and adjusted if there is variance with original estimates; Intangible assets with indefinite useful life are not amortized and the useful life are reviewed at the end of each year. If there is objective evidence that the useful life of an intangible asset is finite, the intangible asset is amortized using the straight line method according to the estimated useful life.

Determination basis of infinite useful life

An intangible asset is regarded as having an indefinite useful life when there is no foreseeable limit to the period over which the asset is expected to generate economic benefits for the Company or it has no definite useful life. The determination basis of intangible assets with infinite useful life: derived from contractual rights or other legal rights and there are no explicit years of use stipulated in the contract or laws and regulations; useful life could not be estimated after considering the industrial practices or relevant expert opinion.

At each year end date, the useful life of the intangible assets with indefinite useful life is reviewed. The assessment is performed by the departments that use the intangible assets, using the down-to-top approach, to determine if there are changes to the determination basis of indefinite useful life.

三. 重要會計政策及會計估計(續)

16. 無形資產(續)

(2) 內部研究開發支出會計政策

內部研究開發項目研究階段的支出，於發生時計入當期損益；開發階段的支出，同時滿足下列條件的，確認為無形資產：(1)完成該無形資產以使其能夠使用或出售在技術上具有可行性；(2)具有完成該無形資產並使用或出售的意圖；(3)無形資產產生經濟利益的方式，包括能夠證明運用該無形資產生產的產品存在市場或無形資產自身存在市場，無形資產將在內部使用的，能證明其有用性；(4)有足夠的技術、財務資源和其他資源支持，以完成該無形資產的開發，並有能力使用或出售該無形資產；(5)歸屬於該無形資產開發階段的支出能夠可靠地計量。

劃分內部研究開發項目的研究階段和開發階段的具體標準：為獲取新的技術和知識等進行的有計劃的調查階段，應確定為研究階段，該階段具有計劃性和探索性等特點；在進行商業性生產或使用前，將研究成果或其他知識應用於某項計劃或設計，以生產出新的或具有實質性改進的材料、裝置、產品等階段，應確定為開發階段，該階段具有針對性和形成成果的可能性較大等特點。

III. Important Accounting Policies and Estimates (Continued)

16 Intangible assets (Continued)

(2) Accounting policy regarding the expenditure on the internal research and development

As for an internal research and development project, expenditure incurred in the research phase is recognized in profit or loss in the period as incurred. Expenses incurred in the development stage are recognized as intangible assets if all of the following conditions are met: (1) the technical feasibility of completing the intangible asset so that it will be available for use or for sale; (2) the intention to complete the intangible asset for use or for sale; (3) how the intangible asset will generate economic benefits including there is evidence that the products produced using the intangible asset has a market or the intangible asset itself has a market; if the intangible asset is for internal use, there is evidence that there exists usage for the intangible asset; (4) the availability of adequate technical, financial and other resources to complete the development and the ability to use or sell the intangible asset; (5) the expenditures attributable to the development of the intangible asset could be reliably measured.

Basis for distinguishing research phase and development phase of an internal research and development project: research stage is the activities carried out for the planned investigation and search of new technology and knowledge, which has the characteristics of planning and exploration; before commercial production or other uses, the application of new technologies and new knowledge obtained from the research phase on a plan or design to produce new or improved materials, equipment and products is regarded as development phase, which has the characteristics of very probable pinpointing and forming results.

三. 重要會計政策及會計估計(續)

17. 長期資產減值

長期股權投資、固定資產、在建工程、無形資產等長期資產於資產負債表日存在減值跡象的，進行減值測試。減值測試結果表明資產的可收回金額低於其賬面價值的，按其差額計提減值準備並計入減值損失。

可收回金額為資產的公允價值減去處置費用後的淨額與資產預計未來現金流量的現值兩者之間的較高者。資產減值準備按單項資產為基礎計算並確認，如果難以對單項資產的可收回金額進行估計的，以該資產所屬的資產組確定資產組的可收回金額。資產組是能夠獨立產生現金流入的最小資產組合。

上述資產減值損失一經確認，以後期間不予轉回價值得以恢復的部分。

18. 長期待攤費用

本公司長期待攤費用是指已經支出，但受益期限在一年以上(不含一年)的各項費用。長期待攤費用按費用項目的受益期限分期攤銷。若長期待攤的費用項目不能使以後會計期間受益，則將尚未攤銷的該項目的攤餘價值全部轉入當期損益。

III. Important Accounting Policies and Estimates (Continued)

17 Long-term asset impairment

Long-term equity investments, long-term assets such as fixed assets, construction in progress and intangible assets are tested for impairment if there is any indication that an asset may be impaired at the balance date. If the result of the impairment test indicates that the recoverable amount of the asset is less than its carrying amount, a provision for impairment and an impairment loss are recognized for the amount by which the asset's carrying amount exceeds its recoverable amount.

The recoverable amount is the higher of an asset's fair value less costs to sell and the present value of the future cash flows expected to be derived from the asset. Provision for asset impairment is determined and recognized on the individual asset basis. If it is not possible to estimate the recoverable amount of an individual asset, the recoverable amount of a group of assets to which the asset belongs is determined. A group of assets is the smallest group of assets that is able to generate independent cash inflows.

Once the impairment loss of such assets is recognized, it is not to be reversed in any subsequent period.

18 Long-term deferred expenses

Long-term deferred expenses of the Company are expenses which have been paid but the benefit period is over one year (not including one year). Long-term deferred expenses are amortized over the benefit period. If a long-term deferred expense cannot benefit the future accounting period, the residue value of such project not amortized yet shall be transferred to the profit or loss in the current period.

三. 重要會計政策及會計估計(續)

19. 職工薪酬

職工薪酬，是指本公司為獲得職工提供的服務或解除勞動關係而給予的各種形式的報酬或補償。職工薪酬主要包括短期薪酬、離職後福利、辭退福利和其他長期職工福利。

(1) 短期薪酬的會計處理方法

在職工為本公司提供服務的會計期間，將實際發生的短期薪酬確認為負債，並計入當期損益，企業會計準則要求或允許計入資產成本的除外。本公司發生的職工福利費，在實際發生時根據實際發生額計入當期損益或相關資產成本。職工福利費為非貨幣性福利的，按照公允價值計量。本公司為職工繳納的醫療保險費、工傷保險費、生育保險費等社會保險費和住房公積金，以及按規定提取的工會經費和職工教育經費，在職工提供服務的會計期間，根據規定的計提基礎和計提比例計算確定相應的職工薪酬金額，並確認相應負債，計入當期損益或相關資產成本。

(2) 離職後福利的會計處理方法

本公司在職工提供服務的會計期間，根據設定提存計劃計算的應繳存金額確認為負債，並計入當期損益或相關資產成本。根據預期累計福利單位法確定的公式將設定受益計劃產生的福利義務歸屬於職工提供服務的期間，並計入當期損益或相關資產成本。

III. Important Accounting Policies and Estimates (Continued)

19 Employees' wages

Employees' wages refer to remuneration or indemnification in various forms given to employees for the company's obtaining of service provided by employees or for termination of employment with employees. Employees' wages shall include short-term wages, after-service welfare, dismissal welfare and other long-term employees' welfare.

(1) Accounting treatment of short-termed wages

During the accounting period in which an employee provides service, short-term wages are actually recognized as liabilities and charged to profit or loss, or if otherwise required or allowed by other accounting standards, to the cost of relevant assets for the current period. At the time of actual occurrence, the Company's employee benefits are recorded into the profits and losses of the current year or the cost of relevant assets according to the actual amount. The non-monetary employee benefits are measured at fair value. Regarding the medical and health insurance, industrial injury insurance, maternity insurance and other social insurances, housing fund and labor union expenditure and personnel education that the Company paid for employees, the Company should recognize corresponding employees benefits payable according to the appropriation basis and proportion as stipulated by relevant requirements and recognize the corresponding liabilities and include these expenses in the profits or losses of the current period or recognized as the cost of relevant assets during the accounting period for which employees provide their service.

(2) Accounting treatment of off-service welfare

During the accounting period in which an employee provides service, the amount payable calculated under defined contribution scheme shall be recognized as a liability and recorded in profit and loss of the current period or in the cost of relevant assets. In respect of the defined benefit scheme, the Company shall use the projected unit credit method and attribute the welfare obligations calculated using the formula stipulated by the defined benefit scheme to the service period of the employee, and record the obligation in the current profit and loss or the cost of relevant assets.

三. 重要會計政策及會計估計(續)

19. 職工薪酬(續)

(3) 辭退福利的會計處理方法

本公司向職工提供辭退福利時，在下列兩者孰早日確認辭退福利產生的職工薪酬負債，並計入當期損益：本公司不能單方面撤回因解除勞動關係計劃或裁減建議所提供的辭退福利時；本公司確認與涉及支付辭退福利的重組相關的成本或費用時。

(4) 其他長期職工福利的會計處理方法

本公司向職工提供的其他長期職工福利，符合設定提存計劃條件的，應當按照有關設定提存計劃的規定進行處理；除此外，根據設定受益計劃的有關規定，確認和計量其他長期職工福利淨負債或淨資產。

20. 預計負債

當與或有事項相關的義務是公司承擔的現時義務，且履行該義務很可能導致經濟利益流出，同時其金額能夠可靠地計量時確認該義務為預計負債。本公司按照履行相關現時義務所需支出的最佳估計數進行初始計量，如所需支出存在一個連續範圍，且該範圍內各種結果發生的可能性相同，最佳估計數按照該範圍內的中間值確定；如涉及多個項目，按照各種可能結果及相關概率計算確定最佳估計數。

資產負債表日應當對預計負債賬面價值進行覆核，有確鑿證據表明該賬面價值不能真實反映當前最佳估計數，應當按照當前最佳估計數對該賬面價值進行調整。

III. Important Accounting Policies and Estimates (Continued)

19 Employees' wages (Continued)

(3) Accounting treatment of dismissal welfare

The Company recognizes a liability and expenses in the current profit or loss for termination benefits at the earlier of the following dates: when the Company can no longer withdraw the offer of those benefits due to dissolution of labor relationship plan or suggested redundancy; and when the Company recognizes costs or fee for restructuring involving the payment of termination costs.

(4) Accounting treatment of other long-term employees' welfare

The Company provides other long-term employee benefits to its employees. For those falling within the scope of defined contribution scheme, the Company shall account for them according to relevant requirements of the defined contribution scheme. In addition, the Company recognizes and measures the net liabilities or net assets of the other long-term employee benefits according to relevant requirements of the defined contribution scheme.

20. Estimated liability

If an obligation in relation to contingency is the present obligation of the Company and the performance of such obligation is likely to lead to the outflow of economic benefits and its amount can be reliably measured, such obligation shall be recognized as estimated liability. The best estimate of the expenditure from current obligation is initially recorded as accrued liability. When the necessary expenditures falls within a continuous range and the probability of each result in the range are identical, the best estimate is the median of the range; if there are severable items involved, every possible result and relevant probability are taken into account for the best estimation.

At the balance sheet date, the carrying value of provision is reviewed. If there is objective evidence that the carrying value could not reflect the current best estimate, the carrying value is adjusted to the best estimated value.

三. 重要會計政策及會計估計(續)

21. 收入

本公司在履行了合同中的履約義務，即在客戶取得相關商品或服務的控制權時，確認收入。

在滿足一定條件時，本公司將其判斷為屬於在某一段時間內履行履約義務，否則，屬於在某一時點履行履約義務。

合同中包含兩項或多項履約義務的，本公司在合同開始日，按照各單項履約義務所承諾商品或服務的單獨售價的相對比例，將交易價格分攤至各單項履約義務，按照分攤至各單項履約義務的交易價格計量收入。

交易價格是本公司因向客戶轉讓商品或服務而預期有權收取的對價金額，不包括代第三方收取的款項。本公司確認的交易價格不超過在相關不確定性消除時累計已確認收入極可能不會發生重大轉回的金額。合同中存在重大融資成分的，本公司按照假定客戶在取得商品或服務控制權時即以現金支付的應付金額確定交易價格。該交易價格與合同對價之間的差額，在合同期間內採用實際利率法攤銷。

滿足下列條件之一時，本公司屬於在某一段時間內履行履約義務，否則，屬於在某一時點履行履約義務：

- (1) 客戶在本公司履約的同時即取得並消耗本公司履約所帶來的經濟利益；
- (2) 客戶能夠控制本公司履約過程中在建的商品；
- (3) 本公司履約過程中所產出的商品具有不可替代用途，且本公司在整個合同期間內有權就累計至今已完成的履約部分收取款項。

III. Important Accounting Policies and Estimates (Continued)

21. Revenue

Revenue is recognized upon fulfillment of performance obligations under the contract by the Company, namely, when customer obtains the control over related goods and services.

When certain conditions are met, the Company will fulfill performance obligations over time. Otherwise, the performance obligations will be satisfied at a point in time.

Where a contract has two or more performance obligations, the Company determines the stand-alone selling price at contract inception of the distinct good or service underlying each performance obligation in the contract and allocates the transaction price in proportion to those stand-alone selling prices. The Company recognises as revenue the amount of the transaction price that is allocated to each performance obligation.

The transaction price is the amount of consideration to which the Company expects to be entitled in exchange for transferring promised goods or services to a customer, excluding amounts collected on behalf of third parties. The Group recognises the transaction price only to the extent that it is highly probable that a significant reversal in the amount of cumulative revenue recognised will not occur when the uncertainty associated with the variable consideration is subsequently resolved. Where the contract contains a significant financing component, the Company recognises the transaction price at an amount that reflects the price that a customer would have paid for the promised goods or services if the customer had paid cash for those goods or services when (or as) they are transferred to the customer. The difference between the transaction price and the consideration under the contract is amortised using an effective interest method over the contract term.

The Company satisfies a performance obligation over time if one of the following conditions is met; or otherwise, a performance obligation is satisfied at a point in time:

- (1) the customer simultaneously receives and consumes the benefits provided by the Company's performance as the Company performs;
- (2) the customer has control over the asset created during the process of the Company's performance; or
- (3) the Company's performance does not create an asset with an alternative use to it and the Company has an enforceable right to payment for performance completed to date over the contract term.

三. 重要會計政策及會計估計(續)

21. 收入(續)

對於在某一時段內履行的履約義務，本公司在該段時間內按照履約進度確認收入。履約進度不能合理確定時，本公司已經發生的成本預計能夠得到補償的，按照已經發生的成本金額確認收入，直到履約進度能夠合理確定為止。

對於在某一時點履行的履約義務，本公司在客戶取得相關商品或服務控制權時點確認收入。在判斷客戶是否已取得商品或服務控制權時，本公司會考慮下列跡象：

- (1) 本公司就該商品或服務享有現時收款權利；
- (2) 本公司已將該商品的實物轉移給客戶；
- (3) 本公司已將該商品的法定所有權或所有權上的主要風險和報酬轉移給客戶；
- (4) 客戶已接受該商品或服務等。

本公司已向客戶轉讓商品或服務而有權收取對價的權利(且該權利取決於時間流逝之外的其他因素)作為合同資產列示，合同資產以預期信用損失為基礎計提減值。本公司擁有的、無條件(僅取決於時間流逝)向客戶收取對價的權利作為應收款項列示。本公司已收或應收客戶對價而應向客戶轉讓商品或服務的義務作為合同負債列示。同一合同下的合同資產和合同負債以淨額列示，而不相關合同下的合同資產和負債分別列示。

III. Important Accounting Policies and Estimates (Continued)

21. Revenue (Continued)

For performance obligation satisfied over time, the Company recognises revenue over time by measuring the progress towards complete satisfaction of that performance obligation. When the outcome of that performance obligation cannot be measured reasonably, but the Company expects to recover the costs incurred in satisfying the performance obligation, the Company recognises revenue only to the extent of the costs incurred until such time that it can reasonably measure the outcome of the performance obligation.

For performance obligation satisfied at a point in time, the Company recognises revenue at the point in time at which the customer obtains control of relevant goods or services. To determine whether a customer has obtained control of goods or services, the Company considers the following indicators:

- (1) the Company has a present right to payment for the goods or services;
- (2) the Company has transferred physical possession of the goods to the customer;
- (3) the Company has transferred the legal title of the goods or the significant risks and rewards of ownership of the goods to the customer; and
- (4) the customer has accepted the goods or services.

A contract asset is the Company's right to consideration in exchange for goods or services that it has transferred to a customer when that right is conditional on something other than the passage of time. Impairment allowance is made for expected credit loss on contract assets. Accounts receivable is the Company's right to consideration that is unconditional (only the passage of time is required). A contract liability is the Company's obligation to transfer goods or services to a customer for which the Company has received consideration from the customer. The contract asset and contract liability under the same contract will be presented in net amount while those under different contracts will be presented separately.

三. 重要會計政策及會計估計(續)

21. 收入(續)

與本公司取得收入的主要活動相關的具體會計政策描述如下：

- (1) 銷售商品：本公司與客戶之間的銷售商品合同通常僅包含轉讓商品的履約義務。本公司通常在綜合考慮了以下因素的基礎上，以客戶取得相關商品控制權的時點確認收入，該時點通常為貨物交付時。
- (2) 服務收入：按照合同約定在有關服務完成時，確認為收入的實現。

合同成本

合同成本包括為取得合同發生的增量成本及合同履約成本。為取得合同發生的增量成本(「合同取得成本」)是指不取得合同就不會發生的成本。該成本預期能夠收回的，本公司將其作為合同取得成本確認為一項資產。

為履行合同發生的成本，不屬於存貨等其他企業會計準則規範範圍且同時滿足下列條件的，本公司將其作為合同履約成本確認為一項資產：

1. 該成本與一份當前或預期取得的合同直接相關，包括直接人工、直接材料、製造費用(或類似費用)、明確由用戶承擔的成本以及僅因該合同而發生的其他成本；
2. 該成本增加了本公司未來用於履行履約義務的資源；
3. 該成本預期能夠收回。

III. Important Accounting Policies and Estimates (Continued)

21. Revenue (Continued)

The following is the description of accounting policies regarding revenue from the Company's principal activities:

- (1) Sales of goods: generally, the sales contract between the Company and a customer may only contain the performance obligation of transferring goods. Upon considering all the following factors, the Company recognizes revenue at a point in time when the customer receives the control of the relevant goods, and the goods are usually delivered at the point in time.
- (2) Service income: income will be recognized upon the completion of relevant service according to the contract.

Contract costs

Contract costs are either the incremental costs of obtaining a contract with a customer or the costs to fulfil a contract with a customer. Incremental costs (the "incremental costs of obtaining a contract") of obtaining a contract are those costs that the Company incurs to obtain a contract with a customer. The Group recognises as an asset the incremental costs of obtaining a contract with a customer if it is expected to recover those costs.

If the costs to fulfil a contract with a customer are not within the scope of inventories or other accounting standards, the Company recognises an asset from the costs incurred to fulfil a contract only if those costs meet all of the following criteria:

1. the costs relate directly to an existing contract or to a specifically identifiable anticipated contract, including direct labour, direct materials, allocations of overheads (or similar costs), costs that are explicitly chargeable to the customer and other costs that are incurred only because the Company entered into the contract;
2. the costs generate or enhance resources of the Company that will be used in satisfying (or in continuing to satisfy) performance obligations in the future; and
3. the costs are expected to be recovered.

三. 重要會計政策及會計估計(續)

21. 收入(續)

合同成本(續)

合同取得成本確認的資產和合同履約成本確認的資產(以下簡稱「與合同成本有關的資產」)採用與該資產相關的商品收入確認相同的基礎進行攤銷，計入當期損益。取得合同的增量成本形成的資產的攤銷年限不超過一年的，在發生時計入當期損益。

與合同成本有關的資產的賬面價值高於下列兩項的差額時，超出部分計提減值準備並確認為資產減值損失：

- (1) 因轉讓與該資產相關的商品預期能夠取得的剩餘對價；
- (2) 為轉讓該相關商品估計將要發生的成本。

22. 政府補助

政府補助是指本公司從政府無償取得的貨幣性資產或非貨幣性資產(但不包括政府作為所有者投入的資本)。政府補助為貨幣性資產的，應當按照收到或應收的金額計量。政府補助為非貨幣性資產的，應當按照公允價值計量；公允價值不能可靠取得的，按照名義金額計量。

與日常活動相關的政府補助，按照經濟業務實質，計入其他收益。與日常活動無關的政府補助，計入營業外收支。

III. Important Accounting Policies and Estimates (Continued)

21. Revenue (Continued)

Contract costs (Continued)

Assets recognised for the Incremental Costs of obtaining a contract and assets recognised for the costs to fulfil a contract (the "assets related to contract costs") are amortised on a systematic basis that is consistent with the transfer to the customer of the goods to which the assets relate and recognised in profit or loss for the current period. The Company recognises the incremental costs of obtaining a contract as an expense when incurred if the amortisation period of the asset that the entity otherwise would have recognised is one year or less.

The Company recognises an impairment loss in profit or loss to the extent that the carrying amount of an asset related to contract costs exceeds:

- (1) remaining amount of consideration that the Company expects to receive in exchange for the goods to which the asset relates; less
- (2) the costs that relate directly to providing those goods that have not yet been recognised as expenses.

22. Government grants

The government grants means the monetary assets or non-monetary assets (but excludes the capital invested by the government as the owner) obtained by the Company from the government for free. If a government grant is in the form of a non-monetary asset, it is measured at fair value. If the fair value cannot be reliably determined, it is measured at the nominal amount.

The government grants related to the Company's daily activities shall be included in other income according to the nature of the business; and the government grants unrelated to the Company's daily activities shall be included in non-operating income.

三. 重要會計政策及會計估計(續)

22. 政府補助(續)

(1) 與資產相關的政府補助判斷依據及會計處理方法

政府文件明確規定用於購建或以其他方式形成長期資產的政府補助，確認為與資產相關的政府補助。政府文件未明確規定補助對象的，能夠形成長期資產的，與資產價值相對應的政府補助部分作為與資產相關的政府補助，其餘部分作為與收益相關的政府補助；難以區分的，將政府補助整體作為與收益相關的政府補助。與資產相關的政府補助確認為遞延收益。確認為遞延收益的金額，在相關資產使用壽命內按照合理、系統的方法分期計入當期損益。

(2) 與收益相關的政府補助判斷依據及會計處理方法

除與資產相關的政府補助之外的政府補助，確認為與收益相關的政府補助。與收益相關的政府補助用於補償企業以後期間的相關費用或損失的，確認為遞延收益，並在確認相關費用的期間，計入當期損益；用於補償企業已發生的相關費用或損失的，直接計入當期損益。

本公司取得政策性優惠貸款貼息，財政將貼息資金撥付給貸款銀行，由貸款銀行以政策性優惠利率向本公司提供貸款的，以實際收到的借款金額作為借款的入賬價值，按照借款本金和該政策性優惠利率計算相關借款費用；財政將貼息資金直接撥付給本公司的，本公司將對應的貼息沖減相關借款費用。

III. Important Accounting Policies and Estimates (Continued)

22. Government grants (Continued)

(1) *Basis for determination of and accounting treatment for government grants related to assets*

The government grants which are clearly defined in the government documents to be used for acquisition, construction or other project that forms a long-term asset are recognized as asset-related government grants. Regarding the government grant not clearly defined in the official documents and can form long-term assets, the part of government grant which can be referred to the value of the assets is classified as government grant related to assets and the remaining part is government grant related to income. For the government grant that is difficult to distinguish, the entire government grant is classified as government grant related to income. Any government grants related to assets are recognized as deferred income, the amount of which shall be recorded in the current profit or loss in installments with a reasonable and systematic method over the useful lives of relevant assets.

(2) *Basis for determination of and accounting treatment for government grants related to income*

The government grants other than those related to assets are recognized as government grants related to income. The income-related government grants used to compensate relevant expenses or losses to be incurred by the enterprise in subsequent periods are recognized as deferred income and recorded in profit and loss for the current period when such expenses are recognized while those used to compensate relevant expenses or losses that have been incurred by the enterprise are recorded directly in profit or loss for the current period.

Where the Company obtains an interest subsidy for policy-related preferential loans, the government either appropriates an interest subsidy to the lending bank, allowing the latter to provide loans at a preferential interest rate to the Company who shall recognize the loan amount received as the book-entry value of such loans, and calculate the relevant loan expenses according to the loan principal and the preferential interest rate; or the government directly appropriates an interest subsidy to the Company who shall use the interest subsidy to offset relevant loan expenses.

三. 重要會計政策及會計估計(續)

22. 政府補助(續)

(3) 政府補助確認時點

政府補助在滿足政府補助所附條件並能夠收到時確認。按照應收金額計量的政府補助，在期末有確鑿證據表明能夠符合財政扶持政策規定的相關條件且預計能夠收到財政扶持資金時予以確認。除按照應收金額計量的政府補助外的其他政府補助，在實際收到補助款項時予以確認。

23. 遞延所得稅資產／遞延所得稅負債

- (1) 根據資產、負債的賬面價值與其計稅基礎之間的差額(未作為資產和負債確認的項目按照稅法規定可以確定其計稅基礎的，確定該計稅基礎為其差額)，按照預期收回該資產或清償該負債期間的適用稅率計算確認遞延所得稅資產或遞延所得稅負債。
- (2) 遞延所得稅資產的確認以很可能取得用來抵扣可抵扣暫時性差異的應納稅所得額為限。資產負債表日，有確鑿證據表明未來期間很可能獲得足夠的應納稅所得額用來抵扣可抵扣暫時性差異的，確認以前會計期間未確認的遞延所得稅資產。如未來期間很可能無法獲得足夠的應納稅所得額用以抵扣遞延所得稅資產的，則減記遞延所得稅資產的賬面價值。
- (3) 對與子公司及聯營企業投資相關的應納稅暫時性差異，確認遞延所得稅負債，除非本公司能夠控制暫時性差異轉回的時間且該暫時性差異在可預見的未來很可能不會轉回。對與子公司及聯營企業投資相關的可抵扣暫時性差異，當該暫時性差異在可預見的未來很可能轉回且未來很可能獲得用來抵扣可抵扣暫時性差異的應納稅所得額時，確認遞延所得稅資產。

III. Important Accounting Policies and Estimates (Continued)

22. Government grants (Continued)

(3) Timing for recognition of government grants

A government grant is recognized when there is reasonable assurance that the grant will be received and that the conditions attaching to the grant will be satisfied. The government grants calculated in accordance with the amount receivable will be acknowledged when there is unambiguous evidence suggesting the conformance to related conditions as provided in financial support policies and financial support fund is expected to be received. Other government grants other than that counted in accordance with the amount receivable will be acknowledged at the actual time of receiving the grants.

23. Deferred tax assets/deferred tax liabilities

- (1) The deferred income tax assets and the deferred income tax liabilities shall be calculated and recognized at the applicable tax rate during which such asset are expected to be recovered or such liabilities can be settled, based on the difference between the carrying amount of assets and liabilities and their tax basis (for the items that have not been recognized as the assets and liabilities and whose taxable basis can be determined according to the tax law, the taxable basis can be determined as its difference).
- (2) The deferred income tax assets are recognized to the extent that it is probable that future taxable profits will be available against which deductible temporary differences can be utilized. At the balance sheet date, if there is positive evidence indicating that sufficient taxable profits can be obtained in the future period to offset lawful deductible temporary differences, and the unrecognized deferred income tax asset in the previous accounting period shall be recognized. The carrying amount of a deferred tax asset is reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow the benefit of the deferred tax asset to be utilized.
- (3) As for taxable temporary difference related to the investments of subsidiaries and associated enterprises, the deferred income tax liabilities are recognized unless the Company can control the time for the reversal of temporary differences and such differences are much likely not to be reversed in the foreseeable future. As for the deductible temporary difference related to investments of subsidiaries and associated enterprises, the deferred income tax assets shall be recognized when such temporary differences are much likely to be reversed in the foreseeable future and the taxable profit are available against which the deductible temporary difference can be utilized.

三. 重要會計政策及會計估計(續)

24. 租賃

(1) 經營租賃的會計處理方法

經營租賃的租金支出在租賃期內按照直線法計入相關資產成本或當期損益。

(2) 融資租賃的會計處理方法

以租賃資產的公允價值與最低租賃付款額的現值兩者中較低者作為租入資產的入賬價值，租入資產的入賬價值與最低租賃付款額之間的差額作為未確認融資費用，在租賃期內按實際利率法攤銷。最低租賃付款額扣除未確認融資費用後的餘額作為長期應付款列示。

25. 其他重要的會計政策和會計估計

(1) 分部報告

本公司以內部組織結構、管理要求、內部報告制度為依據確定經營分部，以經營分部為基礎確定報告分部並披露分部信息。

經營分部是指本公司內同時滿足下列條件的組成部分：①該組成部分能夠在日常活動中產生收入、發生費用；②本公司管理層能夠定期評價該組成部分的經營成果，以決定向其配置資源、評價其業績；③本公司能夠取得該組成部分的財務狀況、經營成果和現金流量等有關會計信息。兩個或多個經營分部具有相似的經濟特徵，並且滿足一定條件的，則可合併為一個經營分部。

III. Important Accounting Policies and Estimates (Continued)

24. Lease

(1) Accounting treatment for operating leases

Lease expenditure for operating leases shall be recorded into the cost of the relevant assets or the current period's profit and loss on a straight-line basis during the lease term.

(2) Accounting treatment for lease under financing

The lower of the fair value of the leased assets and the present value of the minimum lease payment shall be taken as the book value of the leased assets. The difference of the book value of the assets under lease and the minimum lease payment shall be the unrecognized financing expenses and shall be amortized according to the actual interest rate within the lease term. The balance derived from deducting the unrecognized financing expenses from the minimum lease payment shall be the long-term payables as shown.

25. Other Significant Accounting Policies and Estimates

(1) Segment reporting

The Company will determine operation segment on the basis of the internal organizational structure, management requirements and internal report system, and determine reporting segment on the basis of operation segment, and disclose such segment information.

An operating segment is a component of the Company that meets the following conditions simultaneously: ① the component is able to generate revenues and incur expenses from its ordinary activities; ② whose operating results are regularly evaluated by the Company's management to make decisions about resources to be allocated to the segment and to assess its performance; ③ for which the information on financial position, operating results and cash flows is available to the Company. Two or more operating segments may be aggregated into a single operating segment if they have similar economic characteristics and meet specified conditions.

三. 重要會計政策及會計估計(續)

25. 其他重要的會計政策和會計估計(續)

(2) 重要的會計估計及判斷

編製財務報表時，本公司管理層需要運用估計和假設，這些估計和假設會對會計政策的應用及資產、負債、收入及費用的金額產生影響。實際情況可能與這些估計不同。本公司管理層對估計涉及的關鍵假設和不確定性因素的判斷進行持續評估。會計估計變更的影響在變更當期和未來期間予以確認。

下列會計估計及關鍵假設存在導致下一會計年度的資產及負債賬面值發生重大調整的重要風險。

1) 金融資產減值

本公司採用預期信用損失模型對金融資產的減值進行評估，應用預期信用損失模型需要做出重大判斷和估計，需考慮所有合理且有依據的信息，包括前瞻性信息。在做出該等判斷和估計時，本公司根據歷史還款數額結合經濟決策、宏觀經濟指標、行業風險等因素推斷債務人信用風險的預期變動。

2) 存貨減值

本公司管理層及時判斷存貨的可變現淨值，以此來估計存貨減值準備。如發生任何事件或情況變動，顯示該等存貨未必可實現有關價值，則需要使用估計，對存貨計提準備。若預期數字與原先估計數不同，有關差額則會影響存貨賬面價值，以及在估計變動期間的減值費用。

III. Important Accounting Policies and Estimates (Continued)

25. Other Significant Accounting Policies and Estimates (Continued)

(2) Significant accounting estimates and judgments

In preparation of the financial statements, the management of the Company need to use estimates and assumptions. These estimates and assumptions may affect the application of accounting policy and the amount of assets, liabilities, revenue and expenses. Actual results may differ from these estimates. The management of the Company would evaluate the judgement of the key assumptions as well as uncertainties involved estimates on an ongoing basis. The effects of changes on accounting estimates shall be recognized in the current period or carry forward.

The following accounting estimates and key assumptions have significant risks that would result in significant adjustment of the book value of assets and liabilities for next accounting year.

1) Impairment of financial assets

The Company uses the expected credit loss model to assess the impairment of financial assets. The application of the expected credit loss model requires significant judgments and estimations, and all reasonable and evidenced information, including forward-looking information, should be considered. In making such judgments and estimations, the Company infers the expected changes in the debtor's credit risk based on the historical repayment data in combination with economic policies, macroeconomic indicators, and industry risks.

2) Impairment of inventory

The management of the Company judges the net realizable value of inventory in a timely manner to estimate the provision for impairment of inventory. Whenever any events or changes in circumstances that indicate that such inventory may not be able to achieve the relevant value, it is necessary to use estimates and make provisions for inventory. If the expected figure is different from the original estimates, such difference will affect the book value of inventory, as well as the impairment expenses during the period of estimation change.

三. 重要會計政策及會計估計(續)

25. 其他重要的會計政策和會計估計(續)

(2) 重要的會計估計及判斷(續)

3) 固定資產的預計使用壽命與預計淨殘值

本公司管理層負責評估確認固定資產的預計使用壽命與預計淨殘值。這項估計是將性質和功能類似的固定資產過往的實際使用壽命與實際淨殘值作為基礎。在固定資產使用過程中，其所處的經濟環境、技術環境以及其他環境有可能對固定資產使用壽命與預計淨殘值產生較大影響。如果固定資產使用壽命與淨殘值的預計數與原先估計數有差異，本公司管理層將對其進行調整。

4) 固定資產減值

本公司管理層於資產負債表日評估固定資產是否出現減值。可收回金額為固定資產預計未來產生的現金流量的現值與公允價值減去處置費用後的淨額兩者中較高者，是按可以取得的最佳信息作出估計，以反映知情自願各方於各資產負債表日進行公平交易以處置固定資產而獲取的款項(應扣減處置成本)或持續使用該固定資產所產生的現金。該估計於每次減值測試時都可能予以調整。如果重新估計的可收回金額高於本公司管理層原先的估計，本公司不能轉回原已計提的固定資產減值損失。

III. Important Accounting Policies and Estimates (Continued)

25. Other Significant Accounting Policies and Estimates (Continued)

(2) Significant accounting estimates and judgments (Continued)

3) The estimated useful life and estimated net residual value of fixed assets

The management of the Company is responsible for assessing and confirming the estimated useful life and estimated net residual value of fixed assets. Such estimates are based on the historical actual useful life and actual net residual value of fixed assets with similar nature and functions. In the course of the use of fixed assets, the economic, technological and other environments in which they are located may have a significant impact on the useful life and the expected net residual value of fixed assets. If the estimates of the useful life and the net residual value of fixed asset are different from the original estimates, management of the Company will adjust it.

4) Impairment of fixed assets

The management of the Company assessed whether the fixed assets had been impaired as at the balance sheet date. The recoverable amount is the higher of the present value of expected future cash flow of fixed assets and the net amount derived from deducting the disposal fee from the fair value, which is estimated based on the best information available to reflect the amount (after deducting the costs to disposal) that is obtainable from the disposal of the fixed asset in an arm's length transaction by knowledgeable willing parties as at each of the balance sheet date, or cash generated from continuously using the fixed assets. Such estimates may be subject to adjustment when conducting each of impairment test. If the re-estimated recoverable amount is higher than the original estimate by the management of the Company, the Company shall not reverse the provision for impairment loss of the fixed assets that has been made.

三. 重要會計政策及會計估計(續)

25. 其他重要的會計政策和會計估計(續)

(2) 重要的會計估計及判斷(續)

5) 遞延所得稅資產

遞延所得稅資產的實現主要取決於未來的實際盈利及暫時性差異在未來使用年度的實際稅率。如未來實際產生的盈利少於預期，或實際稅率低於預期，確認的遞延所得稅資產將被轉回，並確認在轉回發生期間的合併利潤表中。

26. 重要會計政策和會計估計的變更

(1) 重要會計政策變更

2017年3月以來，財政部陸續修訂了《企業會計準則第22號—金融工具確認和計量》(財會[2017]7號)、《企業會計準則第23號—金融資產轉移》(財會[2017]8號)、《企業會計準則第24號—套期會計》(財會[2017]9號)、《企業會計準則第37號—金融工具列報》(財會[2017]14號)(以上四個準則下面統稱「新金融工具準則」);《企業會計準則第14號—收入》(財會[2017]22號)，(下面簡稱「新收入準則」)。

2018年財政部新頒佈《關於修訂印發2018年度一般企業財務報表格式的通知》(財會[2018]15號)(以下簡稱「財務報表列報調整」)。

本公司於2018年1月1日起執行上述一項新收入準則和四項新金融準則，對收入、金融工具方面的會計政策相關內容進行調整，並根據財會[2018]15號規定的財務報表格式編製財務報表。

III. Important Accounting Policies and Estimates (Continued)

25. Other Significant Accounting Policies and Estimates (Continued)

(2) Significant accounting estimates and judgments (Continued)

5) Deferred tax assets

The realization of deferred tax assets mainly depends on the actual income in future and the actual tax rate of temporary difference in future utilization year. If the actual income in future is less than those expected, or the actual tax rate is lower than those expected, the recognized deferred tax assets shall be reversed, and be recognized in combined income statement for the period in which the reversal occurred.

26. Changes in significant accounting policies and accounting estimates

(1) Changes in significant accounting policies

Since 31 March 2017, the Ministry of Finance (the "MOF") successively released the revised Accounting Standards for Business Enterprises No. 22 – Recognition and Measurement of Financial Instruments (Cai Kuai [2017] No. 7), Accounting Standards for Business Enterprises No. 23 – Transfer of Financial Assets (Cai Kuai [2017] No. 8), Accounting Standards for Business Enterprises No. 24 – Hedge Accounting (Cai Kuai [2017] No. 9), and the revised Accounting Standards for Business Enterprises No. 37 – Presentation of Financial Instruments (Cai Kuai [2017] No. 14) (collectively referred to as "New Financial Instruments Standards"), and released the revised Accounting Standard for Business Enterprises No. 14 – Revenue (Cai Kuai [2017] No. 22) (hereafter referred to as "New Revenue Standard").

The MOF released the Notice on Revising and Issuing the Format of Financial Statements of General Enterprises for 2018 (《關於修訂印發2018年度一般企業財務報表格式的通知》) (Cai Kuai [2018] No. 15) (hereafter referred to as "Presentation Adjustments") in 2018.

The Company has adopted the abovementioned one New Revenue Standard and four New Financial Instruments Standards since 1 January 2018, adjusting its accounting policies relating to revenue and financial instruments, and preparing its financial statements in the form of financial statements prescribed in Cai Kuai [2018] No. 15.

三. 重要會計政策及會計估計(續)

26. 重要會計政策和會計估計的變更(續)

1) 新收入準則

新收入準則取代了財政部於2006年頒佈的《企業會計準則第14號－收入》及《企業會計準則第15號－建造合同》(統稱「原收入準則」)。

在原收入準則下，本公司以風險報酬轉移作為收入確認時點的判斷標準。本公司銷售商品收入在同時滿足下列條件時予以確認，即：商品所有權上的主要風險和報酬已轉移給購貨方，收入的金額及相關成本能夠可靠計量，相關的經濟利益很可能流入本公司，本公司既沒有保留通常與所有權相聯繫的繼續管理權，也沒有對已售出的商品實施有效控制。提供勞務收入和建造合同收入按照資產負債表日的完工百分比法進行確認。

III. Important Accounting Policies and Estimates (Continued)

26. Changes in significant accounting policies and accounting estimates (Continued)

1) *New Revenue Standard*

The New Revenue Standard has replaced the Accounting Standards for Business Enterprises No. 14 – Revenue and Accounting Standards for Business Enterprises No. 15 – Construction Contracts issued by the MOF in 2006 (collectively the “Original Revenue Standard”).

Under the Original Revenue Standard, the Company regards the risk-and-reward approach as the criteria for the time of revenue recognition. Revenue from sales of goods of the Company is recognised when the significant risks and rewards of ownership of goods have been transferred to the buyer, the amount of revenue and related costs can be measured reliably, related economic benefits are likely to flow into the Company and the Company retains neither continuing managerial involvement to the degree usually associated with ownership nor effective control over the goods sold. Revenue from rendering of services and from construction contracts shall be recognised using percentage of completion method as at the balance sheet date.

三. 重要會計政策及會計估計(續)

26. 重要會計政策和會計估計的變更(續)

1) 新收入準則(續)

在新收入準則下，本公司以控制權轉移作為收入確認時點的判斷標準：本公司在履行了合同中的履約義務，即在客戶取得相關商品或服務的控制權時，確認收入。在滿足一定條件時，本公司將其判斷為屬於在某一段時間內履行履約義務，否則，屬於在某一時點履行履約義務。合同中包含兩項或多項履約義務的，本公司在合同開始日，按照各單項履約義務所承諾商品或服務的單獨售價的相對比例，將交易價格分攤至各單項履約義務，按照分攤至各單項履約義務的交易價格計量收入。交易價格是本公司因向客戶轉讓商品或服務而預期有權收取的對價金額，不包括代第三方收取的款項。本公司確認的交易價格不超過在相關不確定性消除時累計已確認收入極可能不會發生重大轉回的金額。合同中存在重大融資成分的，本公司按照假定客戶在取得商品或服務控制權時即以現金支付的應付金額確定交易價格。該交易價格與合同對價之間的差額，在合同期間內採用實際利率法攤銷。

本公司依據新收入準則有關特定事項或交易的具體規定調整了相關會計政策。依據新收入準則的規定，根據履行履約義務與客戶付款之間的關係在資產負債表中列示合同資產或合同負債。

本公司對收入來源及客戶合約流程進行覆核以評估新收入準則對財務報表的影響。本公司的收入主要為銷售信息顯示玻璃和新能源玻璃取得的收入，且均來源於與客戶簽訂的核定價格的商品銷售合同，收入仍於向客戶交付時點確認。採用新收入準則對本公司無重大影響。

III. Important Accounting Policies and Estimates (Continued)

26. Changes in significant accounting policies and accounting estimates (Continued)

1) *New Revenue Standard (Continued)*

Under the New Revenue Standard, the Company regards the transfer of control as the criteria for the time of revenue recognition: For performance obligations being satisfied, revenue is recognised by the Company when the customer obtains control of the relevant goods or services. When certain conditions are met, the Company performs its performance obligations within a certain period of time, and otherwise, at a certain point in time. Where two or more performance obligations are included in a contract, at the commencement date of the contract, the Company will allocate the transaction price to each performance obligation on the basis of the relative standalone selling prices of each distinct good or service promised, and measure revenue based on the transaction price being allocated to each performance obligation. Transaction price represents the amount of consideration that the Company is expected to receive for the transfer of goods or services to customers, and does not include payments received on behalf of third parties. The transaction price recognised by the Company shall not exceed the amounts that are most unlikely to have significant reversal for accumulated recognised income when the relevant uncertainties are eliminated. Where there is a significant financing component in the contract, the Company determines the transaction price based on the amount payable in cash, assuming that the customer is in control of the goods or services. The difference between the transaction price and the contract consideration is amortized using the effective interest method during the contract period.

The Company has made adjustment to relevant accounting policies in accordance with the specific requirements of the New Revenue Standard on specific matters or transactions. Under the New Revenue Standard, contract assets or contract liabilities are presented on the balance sheet based on the correlation between the performance of obligations and customer payments.

The Company assessed the impact of the New Revenue Standard on its financial statements based on a review of its revenue sources and performance process of contracts with customers. Since the Company derives its revenue mainly from sales of information display glass and new energy glass under sales contracts entered into with customers, revenue is recognized when the products are delivered to relevant customer. The adoption of the New Revenue Standard has no material impact on the Company.

三. 重要會計政策及會計估計(續)

26. 重要會計政策和會計估計的變更(續)

2) 新金融工具準則

新金融工具準則將金融資產劃分為三個基本分類：(1)以攤餘成本計量的金融資產；(2)以公允價值計量且其變動計入其他綜合收益的金融資產；及(3)以公允價值計量且其變動計入當期損益的金融資產。在新金融工具準則下，金融資產的分類是基於本公司管理金融資產的業務模式及該資產的合同現金流量特徵而確定。新金融工具準則取消了原金融工具準則中規定的持有至到期投資、貸款和應收款項及可供出售金融資產三個分類類別。採用新金融工具準則對本公司金融負債的會計政策並無重大影響。

新金融工具準則以「預期信用損失」模型替代了原金融工具準則中的「已發生損失」模型。「預期信用損失」模型要求持續評估金融資產的信用風險，因此在新金融工具準則下，本公司信用損失的確認時點早於原金融工具準則。

本公司根據新金融工具準則的規定，除某些特定情形外，對金融工具的分類和計量(含減值)進行追溯調整，將金融工具原賬面價值和在新金融工具準則施行日(即2018年1月1日)的新賬面價值之間的差額計入2018年年初留存收益。同時，本公司未對比較財務報表數據進行調整。

III. Important Accounting Policies and Estimates (Continued)

26. Changes in significant accounting policies and accounting estimates (Continued)

2) *New Financial Instruments Standards*

Under the New Financial Instruments Standards, financial assets are classified into three basic categories: (1) financial assets at amortized cost; (2) financial assets at fair value through other comprehensive income; and (3) financial assets at fair value through profit or loss. Under the New Financial Instruments Standards, the classification for financial assets is determined based on the Company's business model for managing the financial assets and the contractual cash flow characteristics of the asset. The New Financial Instruments Standards have abrogated three classification categories stipulated in the original financial instruments standards: held-to-maturity investments, loans and receivables and available-for-sale financial assets. The adoption of the New Financial Instruments Standards has no material impact on the Company's accounting policy for financial liabilities.

Under the New Financial Instruments Standards, the "incurred loss" model under the original financial instruments standards is replaced by "expected credit loss" model which requires continuous assessment of the credit risk involved in financial assets. The New Financial Instruments Standards result in earlier recognition of credit losses as compared with the original financial instruments standards.

Save for certain particular circumstances, the Company has made retrospective adjustment to the classification and measurement of its financial instruments (impairment included) pursuant to the requirements under the New Financial Instruments Standards. The difference between the financial instruments' original carrying amount and the new carrying amount upon initial adoption of the New Financial Instruments Standards, i.e. 1 January 2018, is included in the opening retained earnings in 2018. Meanwhile, the Company has not made any adjustment to the figures in comparative financial statements.

三. 重要會計政策及會計估計(續)

26. 重要會計政策和會計估計的變更(續)

3) 會計準則修訂和財會[2018]15號對財務報表列報的影響

對2018年1月1日合併資產負債表及母公司資產負債表各項目的影響匯總如下：

III. Important Accounting Policies and Estimates (Continued)

26. Changes in significant accounting policies and accounting estimates (Continued)

3) Impact of the revised accounting standards and Cai Kuai [2018] No. 15 on the presentation of financial statements

Impact on the items of the consolidated balance sheet as at 1 January 2018 and the balance sheet of the Company is shown as follows:

單位(元)

Unit: Yuan

合併資產負債表項目	Items of the consolidated balance sheet	會計政策變更前	新收入 準則影響	新金融工具 準則影響	財務報表 列報調整影響	會計政策變更後
		2017年 12月31日餘額 Balance as at 31 December 2017				Impact of the New Revenue Standard
資產：	Assets:					
應收票據	Notes receivable	490,712,129.45			-490,712,129.45	
應收賬款	Accounts receivable	531,850,536.95			-531,850,536.95	
應收票據及應收賬款	Notes and accounts receivable			-15,394,947.77	1,022,562,666.40	1,007,167,718.63
其他應收款	Other receivables	90,685,860.01		-1,802,629.38		88,883,230.63
可供出售金融資產	Available-for-sale financial assets					
其他權益工具投資	Other investments in equity instruments					
遞延所得稅資產	Deferred income tax assets	2,504,761.54		2,782,426.31		5,287,187.85
在建工程	Construction in progress	282,004,319.33			13,980.58	282,018,299.91
工程物資	Engineering materials	13,980.58			-13,980.58	
負債：	Liabilities:					
應付票據	Notes payable	139,568,673.34			-139,568,673.34	
應付賬款	Accounts payable	572,025,989.83			-572,025,989.83	
應付票據及應付賬款	Notes and accounts payable				711,594,663.17	711,594,663.17
預收賬款	Payments received in advance	21,475,187.43	-21,475,187.43			
合同負債	Contract liabilities		21,475,187.43			21,475,187.43
應付利息	Interest payable	3,418,456.33			-3,418,456.33	
其他應付款	Other payables	373,590,908.16			3,418,456.33	377,009,364.49
股東權益	Shareholders' equity					
未分配利潤	Retained earnings	-1,338,290,605.36		-11,706,971.58		-1,349,997,576.94
少數股東權益	Minority interests	214,501,306.52		-2,708,179.26		211,793,127.26

三. 重要會計政策及會計估計(續)

26. 重要會計政策和會計估計的變更(續)

3) 會計準則修訂和財會[2018]15號對財務報表列報的影響(續)

III. Important Accounting Policies and Estimates (Continued)

26. Changes in significant accounting policies and accounting estimates (Continued)

3) Impact of the revised accounting standards and Cai Kuai [2018] No. 15 on the presentation of financial statements (Continued)

單位(元)
Unit: Yuan

母公司 資產負債表項目	Items of the balance sheet of the Company	會計政策變更前	新收入 準則影響	新金融工具 準則影響	財務報表 列報調整影響	會計政策變更後
		2017年 12月31日餘額 Balance as at 31 December 2017 prior to the changes in accounting policies				2018年 1月1日餘額 Balance as at 1 January 2018 after changes in accounting policies
資產：	Assets:					
應收票據	Notes receivable	7,469,611.05			-7,469,611.05	
應收賬款	Accounts receivable	204,327,727.83			-204,327,727.83	
應收票據及應收賬款	Notes and accounts receivable			-156,945.53	211,797,338.88	211,640,393.35
其他應收款	Other receivables	31,131,296.66		-310,594.67		30,820,701.99
可供出售金融資產	Available-for-sale financial assets					
其他權益工具投資	Other investments in equity instruments					
負債：	Liabilities:					
應付賬款	Accounts payable	5,062,801.26			-5,062,801.26	
應付票據及應付賬款	Notes and accounts payable				5,062,801.26	5,062,801.26
預收賬款	Payments received in advance	7,813,062.37	-7,813,062.37			
合同負債	Contract liabilities		7,813,062.37			7,813,062.37
應付利息	Interest payable	472,432.69			-472,432.69	
其他應付款	Other payables	465,380,879.74			472,432.69	465,853,312.43
股東權益	Shareholders' equity					
未分配利潤	Retained earnings	-1,396,267,053.32		-467,540.20		-1,396,734,593.52

財會[2018]15號對本公司2017年半年度合併利潤表項目影響列示如下：

Impact of Cai Kuai [2018] No. 15 on the items of the 2017 interim consolidated income statement of the Company is shown as follows:

合併利潤表項目	Items of consolidated income statement	調整前金額 Amount before adjustment	調整金額 Adjusted amount	調整後金額 Amount after adjustment
管理費用	Administration expenses	73,954,816.29	-28,683,561.88	45,271,254.41
研發費用	Research and development expenses		28,683,561.88	28,683,561.88

三. 重要會計政策及會計估計(續)

27. 主要稅種及稅率

主要稅種及稅率情況

稅種 Category	計稅依據 Tax basis	稅率 Tax rate
增值稅 Value added tax	銷售貨物或提供應稅勞務 Sell of goods or the supply of taxable services	13%或10%、17%或16% 13% or 10%, 17% or 16%
城市維護建設稅 City maintenance and construction tax	應納流轉稅額 Turnover tax payable	5%、7% 5%, 7%
教育費附加 Educational surcharges	應納流轉稅額 Turnover tax payable	3% 3%
企業所得稅 Enterprise income tax	應納稅所得額 Income tax payable	15%、25% 15%, 25%

存在不同企業所得稅稅率納稅主體的，披露情況說明

Should there be any entity paying taxes being entitled to different enterprise income tax rate, the disclosure is explained below:

納稅主體名稱	Name of entity paying taxes	所得稅稅率 Income tax rate (%)
本公司	The Company	25%
龍海玻璃、蚌埠中顯、合肥新能源、桐城新能源	Longhai Company, Bengbu CNBM Information Display Materials, Hefei New Energy, Tongcheng New Energy	15%
其他子公司	Other subsidiaries	25%

III. Important Accounting Policies and Estimates (Continued)

27. Major categories of taxes and tax rates

Major categories of taxes and tax rates

三. 重要會計政策及會計估計(續)

28. 稅收優惠

本公司之全資子公司龍海玻璃，於2016年12月通過高新技術企業認定，有效期為三年。2018年度按15%稅率繳納企業所得稅。

本公司之全資子公司蚌埠中顯，於2016年10月通過高新技術企業認定，有效期為三年。2018年度按15%稅率繳納企業所得稅。

本公司之全資子公司合肥新能源，於2016年12月通過高新技術企業認定，有效期為三年。2018年度按15%稅率繳納企業所得稅。

本公司之全資子公司桐城新能源，於2017年7月通過高新技術企業認定，有效期為三年。2018年度按15%稅率繳納企業所得稅。

III. Important Accounting Policies and Estimates (Continued)

28. Preferential tax treatment

Longhai Company, a wholly-owned subsidiary of the Company, has been approved as a high-tech enterprise in December 2016 with a term of 3 years and paid the enterprise income tax at a tax rate of 15% in 2018.

Bengbu CNBM Information Display Materials, a wholly-owned subsidiary of the Company, has been approved as a high-tech enterprise in October 2016 with a term of 3 years and paid the enterprise income tax at a tax rate of 15% in 2018.

Hefei New Energy, a wholly-owned subsidiary of the Company, has been approved as a high-tech enterprise in December 2016 with a term of 3 years and paid the enterprise income tax at a tax rate of 15% in 2018.

Tongcheng New Energy, a wholly-owned subsidiary of the Company, has been approved as a high-tech enterprise in July 2017 with a term of 3 years and paid the enterprise income tax at a tax rate of 15% in 2018.

四. 合併財務報表項目註釋

IV. Notes to Items of the Consolidated Financial Statements

1. 貨幣資金

1. Monetary funds

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
庫存現金	Cash on hand	190,165.99	96,609.06
銀行存款	Deposits at banks	78,812,124.75	200,101,179.02
其他貨幣資金	Other monetary funds	100,158,855.57	4,047,969.46
合計	Total	179,161,146.31	204,245,757.54

其他說明

Other explanation

期末其他貨幣資金中銀行承兌匯票保證金為80,158,855.57元，信用證保證金為20,000,000.00元。

The security deposits for the bank acceptance under other monetary funds and the letter of credit as at the end of the period were RMB80,158,855.57 and RMB20,000,000.00, respectively.

2. 應收票據及應收賬款

2. Notes and accounts receivable

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
應收票據	Notes receivable	260,915,704.64	490,712,129.45
應收賬款	Accounts receivable	582,341,935.34	590,089,930.96
減：壞賬準備	Less: provision for bad debts	70,798,890.06	58,239,394.01
合計	Total	772,458,749.92	1,022,562,666.40

四. 合併財務報表項目註釋(續)

2. 應收票據及應收賬款(續)

應收票據

IV. Notes to Items of the Consolidated Financial Statements (Continued)

2. Notes and accounts receivable (Continued)

Notes receivables

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
銀行承兌票據	Bank acceptances	121,707,012.71	253,818,723.44
商業承兌票據	Commercial acceptances	139,208,691.93	236,893,406.01
減：壞賬準備	Less: provision for bad debts	-2,784,173.83	
合計	Total	258,131,530.81	490,712,129.45

(1) 期末公司已質押的應收票據

(1) Notes receivable pledged as at the end of the period

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末已質押金額 Amount pledged as at the end the period
銀行承兌票據	Bank acceptances	53,822,634.55
商業承兌票據	Commercial acceptances	
合計	Total	53,822,634.55

四. 合併財務報表項目註釋(續)

2. 應收票據及應收賬款(續)

(2) 期末公司已背書或貼現且在資產負債表日尚未到期的應收票據：

IV. Notes to Items of the Consolidated Financial Statements (Continued)

2. Notes and accounts receivable (Continued)

(2) Notes receivable which were endorsed and discounted by the Company at the end of the period but were not due as of the date of the balance sheet:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末終止確認金額 Derecognized amount at the end of the period	期末未終止確認金額 Not-yet derecognized amount at the end of the period
銀行承兌票據	Bank acceptances	290,010,715.99	
商業承兌票據	Commercial acceptances		
合計	Total	290,010,715.99	

註： 期末本公司已經背書但尚未到期的銀行承兌匯票金額為290,010,715.99元，票據到期日為2018年7月1日至2019年5月31日。由於銀行承兌匯票的承兌人是商業銀行，商業銀行具有較高的信用，銀行承兌匯票到期不獲支付的可能性較低，因此本公司已終止確認已貼現或已背書但尚未到期的銀行承兌匯票。但如果該等票據到期不獲支付，依據《票據法》之規定，本公司仍將對持票人承擔連帶責任。

Note: the amount of the undue bank acceptances which had been endorsed by the Company was RMB290,010,715.99 at the end of the period, and the maturity date of bank acceptance was from 1 July 2018 to 31 May 2019. Since the acceptors of bank acceptance are commercial banks, which have high credit, it is of relatively low probability for the failure to pay at the maturity of the bank acceptance. Therefore, the Company derecognized the undue bank acceptances which had been discounted or endorsed. If the bank acceptance is not paid at the maturity, the Company shall still bear joint liability for the holder according to relevant provisions of the Law of Negotiable Instrument.

四. 合併財務報表項目註釋(續)

2. 應收票據及應收賬款(續)

應收賬款

項目	Item	賬面餘額 Carrying amount	年初餘額 Opening balance
應收賬款	Accounts receivables	582,341,935.34	590,089,930.96
減：壞賬準備	Less: provision for bad debts	68,014,716.23	58,239,394.01
應收賬款淨額	Accounts receivable, net	514,327,219.11	531,850,536.95

本公司對主要客戶一般提供1-6個月的信用期限，對新客戶以及業務量較少的客戶一般採用預收款方式銷售。

(1) 應收賬款分類披露

應收賬款按其入賬日期的賬齡分析如下：

賬齡	Aging	期末餘額 Closing Balance	年初餘額 Opening balance
1年以內	Within 1 year	498,579,201.94	488,644,458.85
1至2年	1 to 2 years	7,026,717.31	44,380,200.16
2至3年	2 to 3 years	21,330,384.12	2,094,598.73
3至4年	3 to 4 years	434,958.75	567,285.02
4至5年	4 to 5 years	567,285.02	1,037,719.89
5年以上	Over 5 years	54,403,388.20	53,365,668.31
小計	Subtotal	582,341,935.34	590,089,930.96
減：壞賬準備	Less: provision for bad debts	68,014,716.23	58,239,394.01
合計	Total	514,327,219.11	531,850,536.95

本期計提壞賬準備金額為1,192,843.57元；本期轉回壞賬準備金額為1,929,919.15元。

IV. Notes to Items of the Consolidated Financial Statements (Continued)

2. Notes and accounts receivable (Continued)

Accounts receivable

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

The Company generally provides credit period of 1-6 month(s) for major customers, and generally sells by receiving advances for new customers and customers with less business volume.

(1) Accounts receivable by category

Ageing analysis of accounts receivables by date of entry:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

Provision for bad debts for the current period is RMB1,192,843.57; the reversal of the provision for bad debts for the current period is RMB1,929,919.15.

四. 合併財務報表項目註釋(續)

2. 應收票據及應收賬款(續)

應收賬款(續)

(2) 按欠款方歸集的期末餘額前五名的應收賬款情況：

單位名稱	Name	期末餘額 Closing Balance	佔應收賬款 總額的比例 Proportion in the total amount of accounts receivable (%)	壞賬準備餘額 Balance of provision for bad debts
第一名	Rank 1st	70,017,458.20	12.02	1,400,349.16
第二名	Rank 2nd	51,509,687.41	8.85	59,486.86
第三名	Rank 3rd	40,111,144.93	6.89	802,222.90
第四名	Rank 4th	33,277,882.64	5.71	665,557.65
第五名	Rank 5th	30,420,394.31	5.22	608,407.89
合計	Total	225,336,567.49	38.69	3,536,024.46

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

3. 預付款項

(1) 預付款項按賬齡列示

賬齡	Aging	期末餘額 Closing Balance		期初餘額 Opening Balance	
		金額 Amount	比例 Proportion (%)	金額 Amount	比例 Proportion (%)
1年以內	Within 1 year	25,256,090.97	97.02	19,950,179.92	98.17
1至2年	1 to 2 years	738,367.72	2.84	337,507.00	1.66
2至3年	2 to 3 years	7,694.00	0.03	7,300.00	0.04
3年以上	Over 3 years	28,907.24	0.11	26,807.24	0.13
合計	Total	26,031,059.93	100.00	20,321,794.16	100.00

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

IV. Notes to Items of the Consolidated Financial Statements (Continued)

2. Notes and accounts receivable (Continued)

Accounts receivable (Continued)

(2) Top five largest accounts receivable at the end of the period by the balance collected regarding the party in default:

3. Prepayments

(1) Aging analysis of Prepayments

四. 合併財務報表項目註釋(續)

3. 預付款項(續)

(2) 按預付對象歸集的期末餘額前五名的預付款情況：

單位名稱	Name	期末餘額 Closing Balance	佔預付款項總額 的比例 Proportion in the total amount of prepayments (%)
第一名	Rank 1st	5,383,806.55	20.68
第二名	Rank 2nd	4,749,395.78	18.25
第三名	Rank 3rd	4,629,603.97	17.78
第四名	Rank 4th	2,907,000.00	11.17
第五名	Rank 5th	2,172,449.16	8.35
合計	Total	19,842,255.46	76.23

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

IV. Notes to Items of the Consolidated Financial Statements (Continued)

3. Prepayments (Continued)

(2) Top five largest prepayments at the end of the period by the balance collected regarding the party paying prepayments:

4. 其他應收款

(1) 其他應收款分類披露

類別	Category	期末餘額 Closing Balance	期初餘額 Opening Balance
其他應收款項	Other receivables	86,281,134.58	141,334,271.98
減：壞賬準備	Less: provision for bad debts	50,962,082.60	50,648,411.97
合計	Total	35,319,051.98	90,685,860.01

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

4. Other receivables

(1) Disclosed categories of other receivables

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

4. 其他應收款(續)

4. Other receivables (Continued)

(1) 其他應收款分類披露(續)

(1) Disclosed categories of other receivables (Continued)

按賬齡列示如下：

Aging analysis of other receivables:

賬齡	Aging	期末餘額 Closing Balance	年初餘額 Opening balance
1年以內	Within 1 year	22,130,930.47	64,381,096.26
1至2年	1 to 2 years	11,559,480.47	10,257,806.18
2至3年	2 to 3 years	1,101,080.53	14,789,061.51
3至4年	3 to 4 years	681,070.00	899,624.00
4至5年	4 to 5 years	142,512.15	431,892.81
5年以上	Over 5 years	50,666,060.96	50,574,791.22
小計	Subtotal	86,281,134.58	141,334,271.98
減：壞賬準備	Less: provision for bad debts	50,962,082.60	50,648,411.97
合計	Total	35,319,051.98	90,685,860.01

本期計提壞賬準備金額為308,396.15元；本期收回壞賬準備金額為1,646,615.98元。

Provision for bad debts for the current period is RMB308,396.15; and the provision for bad debts recovered in the current period is RMB1,646,615.98.

(2) 其他應收款按款項性質分類情況

(2) Other receivables by nature of amount

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

款項性質	Nature of amount	期末賬面餘額 Carrying amount at the end of the period	期初賬面餘額 Carrying amount at the beginning of the period
業績承諾補償款	Compensation for performance commitment		15,301,668.89
保證金、押金、備用金	Security deposit, deposit, reserve	17,202,495.80	62,267,333.73
往來款	Current accounts	69,078,638.78	63,765,269.36
合計	Total	86,281,134.58	141,334,271.98

四. 合併財務報表項目註釋(續)

4. 其他應收款(續)

(3) 按欠款方歸集的期末餘額前五名的其他應收款情況：

IV. Notes to Items of the Consolidated Financial Statements (Continued)

4. Other receivables (Continued)

(3) The top five largest other receivables at the end of the period by the balance collected regarding the party in default:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

單位名稱	款項的性質	期末餘額	賬齡	佔其他應收款期末餘額合計數的比例 Percentage in the total balance of other receivables at the end of the period (%)	壞賬準備 期末餘額 Balance of provision for bad debts at the end of the period
Name	Nature of amount	Closing Balance	Aging		
建行鄭州西里支行 Xili Sub-Branch, Zhengzhou of China Construction Bank	往來款 Current accounts	10,808,704.00	5年以上 Over 5 years	12.53	10,808,704.00
太平石化金融租賃有限責任公司 Taiping & Sinopec Financial Leasing Co., Ltd.	保證金 Security deposit	10,000,000.00	1-2年 1 to 2 years	11.59	200,000.00
偃師市諸葛鎮鎮政府 Yanshi Zhuge County government	往來款 Current accounts	9,856,832.00	5年以上 Over 5 years	11.43	9,856,832.00
國網安徽省電力公司合肥供電公司 State Grid Anhui Electric Power Co., Ltd.	往來款 Current accounts	6,965,772.98	1年以內 Within 1 year	8.07	139,315.46
深圳新西亞實業有限公司 Shenzhen Cynthia Industrial Co., Ltd.	往來款 Current accounts	4,600,000.00	5年以上 Over 5 years	5.33	4,600,000.00
合計	Total	42,231,308.98		48.95	25,604,851.46

四. 合併財務報表項目註釋(續)

5. 存貨

(1) 存貨分類

項目	Item	期末餘額			期初餘額		
		賬面餘額	跌價準備	賬面價值	賬面餘額	跌價準備	賬面價值
		Carrying amount	Provision for depreciation	Book value	Carrying amount	Provision for depreciation	Book value
原材料	Raw materials	112,913,778.76	1,325,240.88	111,588,537.88	113,917,917.59	1,325,240.88	112,592,676.71
在產品	Products in process	8,274,755.20	402,478.58	7,872,276.62	9,430,334.44	402,478.58	9,027,855.86
庫存商品	Commodity inventories	152,189,011.77	11,193,622.19	140,995,389.58	78,985,497.86	20,245,228.49	58,740,269.37
其他存貨	Other inventories	593,171.30		593,171.30	564,116.87		564,116.87
合計	Total	273,970,717.03	12,921,341.65	261,049,375.38	202,897,866.76	21,972,947.95	180,924,918.81

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

(2) 存貨跌價準備

項目	Item	期初餘額	本期增加金額		本期減少金額		期末餘額
			計提	其他	轉回或轉銷	其他	
		Opening Balance	Provision	Others	Reversal or write-off	Others	Closing Balance
原材料	Raw materials	1,325,240.88					1,325,240.88
在產品	Products in process	402,478.58					402,478.58
庫存商品	Commodity inventories	20,245,228.49	6,849.19		9,058,455.49		11,193,622.19
合計	Total	21,972,947.95	6,849.19		9,058,455.49		12,921,341.65

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

可變現淨值的具體依據：為在正常生產過程中，以存貨的估計售價減去至完工估計將要發生的成本、估計的銷售費用以及相關稅費後的金額。

Specific basis for recognizing net realizable value: during the normal course of production, the net realizable value is the amount after deducting the estimated cost of completion, estimated selling expenses and relevant taxes from the estimated selling price of inventories.

IV. Notes to Items of the Consolidated Financial Statements (Continued)

5. Inventories

(1) Category of inventories

四. 合併財務報表項目註釋(續)

6. 其他流動資產

IV. Notes to Items of the Consolidated Financial Statements (Continued)

6. Other current assets

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing Balance	期初餘額 Opening Balance
待認證、待抵扣稅金	Tax to be verified and deducted	38,343,794.81	41,840,059.54
預繳企業所得稅	Payment of Enterprise Income Tax in advance	148,702.91	148,702.91
合計	Total	38,492,497.72	41,988,762.45

(1) 其他權益工具投資／或可供出售
金融資產

其他權益工具投資

(1) Other investments in equity instruments/available for sale financial
assets

Other investments in equity instruments

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

被投資單位	Investee	期末餘額 Closing Balance	在被投資單位 持股比例 Shareholding ratio in the investee (%)
1. 洛玻集團洛陽晶緯玻璃纖維有限公司(註)	1. Luoyang Luobo Glass Fibre Co., Ltd. (Note)	0.00	35.90
2. 洛玻集團洛陽晶久製品有限公司(註)	2. CLFG Luoyang Jingjiu Glass Products Co., Ltd. (Note)	0.00	31.08
3. 洛玻集團洛陽新光源照明有限公司(註)	3. CLFG New Lighting Co., Ltd. (Note)	0.00	29.45

註：

- 自2018年1月1日起，本公司執行新金融工具準則，將原分類為可供出售金融資產的權益工具指定為以公允價值計量且其變動計入其他綜合收益的金融資產，並列示於其他權益工具投資。2018年1月1日上述股權投資的公允價值為零。

Note:

- Since 1 January 2018, the Company commenced implementation of the New Financial Instruments Standard, pursuant to which, the equity instruments originally classified as available-for-sale financial assets are designated as financial assets at fair value through other comprehensive income, which are presented under other equity instrument investment. As at 1 January 2018, the fair value of the abovementioned equity investment was nil.

四. 合併財務報表項目註釋(續)

6. 其他流動資產(續)

- (1) 其他權益工具投資/或可供出售金融資產(續)

其他權益工具投資(續)

註：(續)

2. 本公司認為雖然本公司佔上述被投資單位股本的比例超過20%，但公司未向被投資單位派有管理人員，亦未參與被投資單位財務和經營政策制定過程，未與被投資單位之間發生重要交易，未向被投資單位提供關鍵技術資料。因此，本公司判斷對被投資單位不構成重大影響，將其劃分為其他權益工具投資。

- (2) 期末按成本計量的可供出售金融資產

IV. Notes to Items of the Consolidated Financial Statements (Continued)

6. Other current assets (Continued)

- (1) Other investments in equity instruments/available for sale financial assets (Continued)

Other investments in equity instruments (Continued)

Note: (Continued)

2. The Company is of the view that, despite the Company's shareholding in the investees exceeds 20%, since the Company did not assign any management personnel to the investees, or participate in any formulation of the investees' financial and operating policies, engage in any significant transactions with the investees, or provide any key technological information to the investees, Thus, the Company is of the view that it has no significant impact on the investees and classified as other equity instrument investment.

- (2) Available-for-sale financial assets measured per cost at the end of the period

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

被投資單位	Investee	期初賬面餘額	跌價準備	在被投資單位 持股比例 (%)
		Carrying amount at the beginning of the period	Provision for depreciation	Shareholding in the investees (%)
1. 洛玻集團洛陽晶緯玻璃纖維有限公司(註)	1. Luoyang Luobo Glass Fibre Co., Ltd. (Note)	4,000,000.00	4,000,000.00	35.90
2. 洛玻集團洛陽晶久製品有限公司(註)	2. CLFG Luoyang Jingjiu Glass Products Co., Ltd. (Note)	1,500,000.00	1,500,000.00	31.08
3. 洛玻集團洛陽新光源照明有限公司(註)	3. CLFG New Lighting Co., Ltd. (Note)	2,291,217.53	2,291,217.53	29.45
合計	Total	7,791,217.53	7,791,217.53	

四. 合併財務報表項目註釋(續)

7. 長期應收款

(1) 長期應收款情況：

項目	Item	期末餘額			期初餘額			折現率區間 Range of discount rate
		賬面餘額 Carrying amount	壞賬準備 Provision for bad debts	賬面價值 Book value	賬面餘額 Carrying amount	壞賬準備 Provision for bad debts	賬面價值 Book value	
應收處置實業公司股 權款	Receivables from disposal of equity interest in the Industrial Company	55,000,000.00		55,000,000.00	55,000,000.00		55,000,000.00	
合計	Total	55,000,000.00		55,000,000.00	55,000,000.00		55,000,000.00	/

註：2013年12月，本公司與洛陽天元置業有限公司簽署《股權轉讓合同》，將持有的洛陽洛玻實業有限公司100%股權以人民幣12,200萬元轉讓給洛陽天元置業有限公司。本公司已收到洛陽天元置業有限公司支付的股權轉讓款6,700萬元，剩餘股權轉讓價款5,500萬元將以實物資產方式支付，本公司將其作為長期應收款，由於受施工進度影響，洛陽天元置業有限公司未能按照約定在2017年度內向本公司交付房產，截至2018年6月30日，擬交付的房產已完成主體施工。

8. 長期股權投資

不適用

IV. Notes to Items of the Consolidated Financial Statements (Continued)

7. Long-term receivables

(1) Long-term receivables:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

Note: In December 2013, The Company and Luoyang Tianyuan Property Co., Ltd. entered into the Equity Transfer Contract 《股權轉讓合同》 whereby 100% equity shares of Luoyang Luobo Industrial Co., Ltd. held by the Company were transferred to Luoyang Tianyuan Property Co., Ltd. at a consideration of RMB122,000,000. The Company had received the transfer price of RMB67,000,000 paid by Luoyang Tianyuan Property Co., Ltd.. As for the remaining transfer price of RMB55,000,000, it will be paid in the form of physical assets and the Company shall take it as long-term receivables. Due to the construction progress, Luoyang Tianyuan Property Co., Ltd. failed to deliver the property to the Company during the year of 2017 as agreed. As of 30 June 2018, the main part of the property to be delivered has been completed.

8. Long-term equity investment

N/A

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

9. 固定資產

9. Fixed assets

(1) 固定資產情況

(1) Fixed assets

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	房屋及建築物 Buildings and structures	機器設備 Machinery and equipment	運輸工具 Transportation tools	其他 Others	合計 Total
一. 賬面原值：	I. Original book value:					
1. 期初餘額	1. Opening Balance	755,995,306.11	1,429,518,388.76	5,758,360.23	6,748,013.19	2,198,020,068.29
2. 本期增加金額	2. Increase for the current period	480,063.19	6,583,421.19	70,931.04	464,341.01	7,598,756.43
(1) 購置	(1) Purchase		3,451,558.10	70,931.04	464,341.01	3,986,830.15
(2) 在建工程轉入	(2) Transfer from construction in progress	480,063.19	3,131,863.09			3,611,926.28
(3) 企業合併增加	(3) Increase from business combination					
3. 本期減少金額	3. Decrease for the current period	16,199,020.53	110,940.17	322,100.00		16,632,060.70
(1) 處置或報廢	(1) Disposal or retirement		110,940.17	322,100.00		433,040.17
(2) 轉為在建工程	(2) Transferred to construction in progress	16,199,020.53				16,199,020.53
4. 期末餘額	4. Closing Balance	740,276,348.77	1,435,990,869.78	5,507,191.27	7,212,354.20	2,188,986,764.02
二. 累計折舊	II. Accumulated depreciation					
1. 期初餘額	1. Opening Balance	79,293,915.83	327,698,806.85	4,218,574.87	3,170,962.53	414,382,260.08
2. 本期增加金額	2. Increase for the current period	10,053,704.76	47,746,655.95	182,966.04	731,338.50	58,714,665.25
(1) 計提	(1) Provision	10,053,704.76	47,746,655.95	182,966.04	731,338.50	58,714,665.25
3. 本期減少金額	3. Decrease for the current period	6,237,159.62	20,751.03	287,848.76		6,545,759.41
(1) 處置或報廢	(1) Disposal or retirement		20,751.03	287,848.76		308,599.79
(2) 轉為在建工程	(2) Transfer to construction in progress	6,237,159.62				6,237,159.62
4. 期末餘額	4. Closing Balance	83,110,460.97	375,424,711.77	4,113,692.15	3,902,301.03	466,551,165.92
三. 減值準備	III. Provision for impairment					
1. 期初餘額	1. Opening Balance	17,102,234.63				17,102,234.63
2. 本期增加金額	2. Increase for the current period					
(1) 計提	(1) Provision					
3. 本期減少金額	3. Decrease for the current period					
(1) 處置或報廢	(1) Disposal or retirement					
4. 期末餘額	4. Closing Balance	17,102,234.63				17,102,234.63
四. 賬面價值	IV. Book value					
1. 期末賬面價值	1. Book value at the end of the period	657,165,887.80	1,043,463,923.38	1,393,499.12	3,310,053.17	1,705,333,363.47
2. 期初賬面價值	2. Book value at the beginning of the period	676,701,390.28	1,084,717,347.28	1,539,785.36	3,577,050.66	1,766,535,573.58

四. 合併財務報表項目註釋(續)

10. 在建工程

IV. Notes to Items of the Consolidated Financial Statements (Continued)

10. Construction in progress

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

類別	Category	期末餘額 Closing Balance	期初餘額 Opening Balance
在建工程項目	Construction in progress	443,052,832.11	282,004,319.33
工程物資	Engineering materials	13,980.58	13,980.58
減：減值準備	Less: provision for impairment		
合計	Total	443,066,812.69	282,018,299.91

(1) 在建工程情況

(1) Construction in progress

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing Balance			期初餘額 Opening Balance		
		賬面餘額 Carrying amount	減值準備 Provision for impairment	賬面價值 Book value	賬面餘額 Carrying amount	減值準備 Provision for impairment	賬面價值 Book value
信息顯示超薄基板生產線 冷修技改項目	Upgrading of cold repair technology for production line of ultra-thin substrate for information display project	112,485,844.68		112,485,844.68	65,758,646.98		65,758,646.98
400T超白光熱材料項目	400T of ultra-white photothermal materials project	66,680,735.76		66,680,735.76	14,499,616.82		14,499,616.82
年產4,800萬㎡太陽能塗膜 玻璃二期生產線	Coated solar glass production line (Phase II) with an annual capacity of 48 million ㎡	197,956,595.01		197,956,595.01	161,071,521.71		161,071,521.71
深加工4#生產線	Deep-processing production line 4#	26,548,747.53		26,548,747.53	11,070,788.94		11,070,788.94
窯爐脫硝脫硫除塵設備	Equipment for desulphurization, denitration and ash removal for furnace	4,602,602.39		4,602,602.39			
合肥產業基地二期籌建工程	Preparatory works for Hefei industrial base (Phase II)	34,433,600.92		34,433,600.92	29,107,163.68		29,107,163.68
其他	Others	358,686.40		358,686.40	510,561.78		510,561.78
合計	Total	443,066,812.69		443,066,812.69	282,018,299.91		282,018,299.91

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

10. 在建工程(續)

10. Construction in progress (Continued)

(2) 重要在建工程項目本期變動情況

(2) Change in the important engineering projects in construction for the current period

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目名稱	Project name	預算數	期初餘額	本期增加金額	本期轉入 固定資產金額	本期其他 減少金額	期末餘額	工程累計投入 佔預算比例	工程進度	利息資本化 累計金額	其中：本期利息 資本化金額	本期利息 資本化率	資金來源
		Budget	Opening Balance	Increase for the current period	Fixed assets amount transferred for the current period	Other decreased amount for the current period	Closing Balance	Ratio accounted by accumulated contribution towards engineering with respect to the budget (%)	Progress of engineering	Amount of accumulated capitalized interest	Including: of capitalized interest for the current period	Interest capitalized rate for the current period (%)	Source of funds
信息顯示超薄基板生產線 冷修技改項目	Upgrading of cold repair technology for production line of ultra-thin substrate for information display project	508,710,000.00	65,758,646.98	46,821,237.10		94,039.40	112,485,844.68	22.13	22.13				
400T超白光熱材料項目	400T of ultra-white photothermal materials project	800,000,000.00	14,499,616.82	52,181,118.94			66,680,735.76	8.34	8.34	70,083.33	70,083.33		
年產4800萬㎡太陽能塗 膜玻璃二期生產線	Coated solar glass production line (Phase II) with an annual capacity of 48 million ㎡	257,420,000.00	161,071,521.71	36,885,073.30			197,956,595.01	76.90	76.90	8,192,527.13	4,517,174.88		
深加工4#生產線	Deep-processing production line 4#	100,800,000.00	11,070,788.94	15,477,958.59			26,548,747.53	26.34	26.34	459,166.68	459,166.68		
窯爐脫硫脫硫設備	Equipment for desulphurization, denitration and ash removal for furnace	16,469,000.00		4,602,602.39			4,602,602.39	27.95	27.95				
合肥產業基地二期籌建工 程	Preparatory works for Hefei industrial base (Phase II)	828,730,000.00	29,107,163.68	6,193,271.03	866,833.79		34,433,600.92	4.26	4.26				
合計	Total	2,512,129,000.00	281,507,738.13	162,161,261.35	866,833.79	94,039.40	442,708,126.29	/	/	8,721,777.14	5,046,424.89	/	/

四. 合併財務報表項目註釋(續)

11. 無形資產

(1) 無形資產情況

IV. Notes to Items of the Consolidated Financial Statements (Continued)

11. Intangible Assets

(1) Intangible Assets

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	土地使用權 Land use rights	專利權 Patent right	非專利技術 Non-patent technology	軟件使用權 Software license	商標權 Trademark rights	合計 Total
一. 賬面原值	I. Original Book value						
1. 期初餘額	1. Opening Balance	343,006,370.31	94,339.62	12,316,037.70	1,642,393.15	6,000,000.00	363,059,140.78
2. 本期增加金額 購置	2. Increase for the current period Purchase	45,934,050.00		47,169.81	75,471.70		46,056,691.51
3. 本期減少金額	3. Decrease for the current period						
4. 期末餘額	4. Closing Balance	388,940,420.31	94,339.62	12,363,207.51	1,717,864.85	6,000,000.00	409,115,832.29
二. 累計攤銷	II. Accumulated amortization						
1. 期初餘額	1. Opening Balance	31,875,579.61	14,151.00	7,272,916.54	366,499.97	6,000,000.00	45,529,147.12
2. 本期增加金額 計提	2. Increase for the current period Provision	3,682,922.44	4,716.98	616,981.08	151,820.78		4,456,441.28
3. 本期減少金額	3. Decrease for the current period						
4. 期末餘額	4. Closing Balance	35,558,502.05	18,867.98	7,889,897.62	518,320.75	6,000,000.00	49,985,588.40
三. 減值準備	III. Provision for impairment						
1. 期初餘額	1. Opening Balance						
2. 本期增加金額	2. Increase for the current period						
3. 本期減少金額	3. Decrease for the current period						
4. 期末餘額	4. Closing Balance						
四. 賬面價值	IV. Book value						
1. 期末賬面價值	1. Book value at the end of the period	353,381,918.26	4,473,309.89	75,471.64	1,199,544.10		359,130,243.89
2. 期初賬面價值	2. Book value at the beginning of the period	311,130,790.70	5,043,121.16	80,188.62	1,275,893.18		317,529,993.66

註： 1. 本公司的無形資產中位於洛陽市開發區成本為9,415,764.88元的土地使用權證正在申請辦理中。

2. 無形資產中土地使用權均位於中國境內，該等土地使用權剩餘使用期限為27至50年內。

Note: 1. The land use right certificate with a cost of RMB9,415,764.88 in Luoyang Development Zone among the intangible assets of the Company is in the process of application.

2. Land use rights among the intangible assets were all for lands located in the PRC with a remaining use period ranging from 27 to 50 years.

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

11. 無形資產(續)

11. Intangible Assets (Continued)

(2) 未辦妥產權證書的土地使用權情況：

(2) Land use rights with incompletely processed ownership certificate:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	賬面價值 Book value	未辦妥產權證書的原因 Reason for incompletely processed ownership certificate
開發區土地	Land of Development Zone	9,415,764.88	正在申請辦理中 Still in the process of application

12. 長期待攤費用

12. Long-term deferred expenses

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期初餘額 Opening balance	本期增加金額 Increase for the current period	本期攤銷金額 Amortized amount for the current period	其他減少金額 Other decreased amount	期末餘額 Closing balance
辦公樓電路改造工程	Reconstruction of the electrical circuit of the office	162,000.00		54,000.00		108,000.00
諮詢服務費	Consultation service charge	4,758,152.57		1,233,152.53		3,525,000.04
裝修支出	Renovation expenses	618,985.77		75,794.16		543,191.61
合計	Total	5,539,138.34		1,362,946.69		4,176,191.65

四. 合併財務報表項目註釋(續)

13. 遞延所得稅資產

(1) 未經抵銷的遞延所得稅資產

賬齡	Item	期末餘額		期初餘額	
		可抵扣 暫時性差異 Deductible temporary differences	遞延 所得稅資產 Deferred income tax assets	可抵扣 暫時性差異 Deductible temporary differences	遞延 所得稅資產 Deferred income tax assets
資產減值準備	Provision for impairment of assets	22,058,783.35	3,764,297.74	12,126,298.92	1,826,011.54
遞延收益	Deferred income	4,487,500.00	673,125.00	4,525,000.00	678,750.00
合計	Total	26,546,283.35	4,437,422.74	16,651,298.92	2,504,761.54

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

IV. Notes to Items of the Consolidated Financial Statements (Continued)

13. Deferred income tax assets

(1) Deferred income tax assets not being offset

(2) 確認遞延所得稅資產明細

項目	Item	期末餘額	期初餘額
		Closing balance	Opening balance
可抵扣暫時性差異	Deductible temporary differences	137,390,907.17	144,467,732.29
可抵扣虧損	Deductible losses	556,949,609.57	563,578,027.83
合計	Total	694,340,516.74	708,045,760.12

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

(2) Breakdown of recognized deferred income tax assets

註：由於未來能否獲得足夠的應納稅所得額具有不確定性，因此未確認遞延所得稅資產。

Note: Because it is uncertain whether sufficient taxable incomes can be obtained in the future, they are not recognized as deferred income tax assets.

四. 合併財務報表項目註釋(續)

13. 遞延所得稅資產(續)

(3) 未確認遞延所得稅資產的可抵扣虧損將於以下年度到期

IV. Notes to Items of the Consolidated Financial Statements (Continued)

13. Deferred income tax assets (Continued)

(3) *Deductible losses not yet recognized as deferred income tax assets will expire in the following years indicated*

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

年份	Year	期末金額 Amount at the end of the period	期初金額 Amount at the beginning of the period	備註 Note
2018	2018		36,614,485.95	
2019	2019	22,714,162.82	22,739,325.09	
2020	2020	363,282,802.20	366,318,782.57	
2021	2021	100,440,480.66	100,440,480.66	
2022	2022	39,718,761.39	37,464,953.56	
2023	2023	30,793,402.50		
合計	Total	556,949,609.57	563,578,027.83	/

14. 其他非流動資產

14. Other non-current assets

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
預付工程和設備款	Prepayments for projects and equipment	2,378,558.38	8,366,432.63
合計	Total	2,378,558.38	8,366,432.63

四. 合併財務報表項目註釋(續)

15. 短期借款

短期借款分類

借款條件	Borrowing conditions	期末餘額 Closing balance	期初餘額 Opening balance
抵押借款	Mortgage loan	38,500,000.00	18,500,000.00
保證借款	Guaranty loan	774,734,000.00	794,009,000.00
合計	Total	813,234,000.00	812,509,000.00

註： 2018年6月30日，短期借款的年利率為4.35%-5.4%。

IV. Notes to Items of the Consolidated Financial Statements (Continued)

15. Short-term borrowings

Category of short-term borrowings

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

Note: On 30 June 2018, annual interest rate of short-term loans was 4.35%-5.4%.

16. 應付票據及應付賬款

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
應付票據	Notes payable	219,211,373.39	139,568,673.34
應付賬款	Accounts payable	519,089,596.38	572,025,989.83
合計	Total	738,300,969.77	711,594,663.17

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

16. Notes and accounts payables

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

16. 應付票據及應付賬款(續)

16. Notes and accounts payables (Continued)

(1) 應付票據

(1) Notes payable

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

種類	Category	期末餘額 Closing balance	期初餘額 Opening balance
商業承兌匯票	Commercial acceptances	95,100,325.61	51,878,747.45
銀行承兌匯票	Bank acceptances	84,111,047.78	87,689,925.89
信用證	Letter of credit	40,000,000.00	
合計	Total	219,211,373.39	139,568,673.34

本期末已到期未支付的應付票據總額為0元。

The total amount of notes payable that became due at the end of the period but had not been paid was RMB0.

(2) 應付賬款

(2) Accounts payable

應付賬款按其入賬日期的賬齡分析如下：

Ageing analysis of accounts payable by date of entry was as follows:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
1年以內(含1年)	Within 1 year (including 1 year)	242,617,597.81	242,103,670.03
1年以上	Above 1 year	276,471,998.57	329,922,319.80
合計	Total	519,089,596.38	572,025,989.83

四. 合併財務報表項目註釋(續)

16. 應付票據及應付賬款(續)

(2) 應付賬款(續)

賬齡超過1年的重要應付賬款

IV. Notes to Items of the Consolidated Financial Statements (Continued)

16. Notes and accounts payables (Continued)

(2) Accounts payable (Continued)

Significant accounts payable aged over 1 year

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

債權單位名稱	Creditor	期末餘額	未償還原因
		Closing balance	Reason for outstanding
中國建材國際工程集團有限公司	China Triumph International Engineering Co., Ltd.	255,643,388.04	未結算 Not yet settled
合計	Total	255,643,388.04	

17. 合同負債/預收款項

(1) 合同負債

17. Contract liabilities/receipts in advance

(1) Contract liabilities

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額	期初餘額
		Closing balance	Opening balance
1年以內(含1年)	Within 1 year (including 1 year)	12,330,725.05	
1年以上	Over 1 year	4,747,505.91	
合計	Total	17,078,230.96	

(2) 預收款項

(2) Receipts in advance

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額	期初餘額
		Closing balance	Opening balance
1年以內(含1年)	Within 1 year (including 1 year)		17,362,168.76
1年以上	Over 1 year		4,113,018.67
合計	Total		21,475,187.43

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

18. 應付職工薪酬

18. Employee compensation payable

(1) 應付職工薪酬列示：

(1) Employee compensation payable is shown as follows:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期初餘額 Opening balance	本期增加 Increase for the current period	本期減少 Decrease for the current period	期末餘額 Closing balance
一. 短期薪酬	I. Short-term remuneration	21,636,101.27	91,439,778.94	95,703,374.56	17,372,505.65
二. 離職後福利—設定提存計劃	II. After-service welfare – defined provision plan	349,010.92	8,226,936.98	7,902,298.57	673,649.33
三. 辭退福利	III. Termination benefits		67,751.70	67,751.70	
合計	Total	21,985,112.19	99,734,467.62	103,673,424.83	18,046,154.98

(2) 短期薪酬列示：

(2) Short-term remuneration is shown as follows:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期初餘額 Opening balance	本期增加 Increase for the current period	本期減少 Decrease for the current period	期末餘額 Closing balance
一. 工資、獎金、津貼和補貼	I. Salary, bonus, allowance and subsidy	12,982,575.06	79,940,804.24	83,345,621.48	9,577,757.82
二. 職工福利費	II. Staff's welfare		4,347,427.37	4,347,427.37	
三. 社會保險費	III. Social insurance premium	209,974.00	4,036,810.24	3,895,878.94	350,905.30
其中：醫療保險費	Including: Medical insurance	158,903.26	3,247,830.62	3,118,402.06	288,331.82
工傷保險費	Labor injury insurance	36,982.26	561,058.18	548,920.40	49,120.04
生育保險費	Maternity insurance	14,088.48	227,921.44	228,556.48	13,453.44
四. 住房公積金	IV. Housing Provident fund	656,880.03	2,319,565.60	2,410,662.68	565,782.95
五. 工會經費和職工教育經費	V. Labor union expenses and employee education expenses	7,713,317.71	685,903.32	1,684,572.69	6,714,648.34
六. 短期帶薪缺勤	VI. Short-period paid leave				
七. 短期利潤分享計劃	VII. Short-term profit sharing plan				
八. 其他短期薪酬	VIII. Other short-term remuneration	73,354.47	109,268.17	19,211.40	163,411.24
合計	Total	21,636,101.27	91,439,778.94	95,703,374.56	17,372,505.65

四. 合併財務報表項目註釋(續)

18. 應付職工薪酬(續)

(3) 設定提存計劃列示

IV. Notes to Items of the Consolidated Financial Statements (Continued)

18. Employee compensation payable (Continued)

(3) Defined provision plan is shown as follows

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期初餘額 Opening balance	本期增加 Increase for the current period	本期減少 Decrease for the current period	期末餘額 Closing balance
1. 基本養老保險	1. Basic pension insurance	335,089.21	8,011,727.79	7,691,084.96	655,732.04
2. 失業保險費	2. Unemployment insurance	13,921.71	196,442.05	192,446.47	17,917.29
3. 企業年金繳費	3. Enterprise annuity		18,767.14	18,767.14	
合計	Total	349,010.92	8,226,936.98	7,902,298.57	673,649.33

19. 應交稅費

19. Taxes payable

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
增值稅	Value-added tax	4,275,256.72	1,027,519.17
消費稅	Consumption tax		
營業稅	Business tax	75,649.29	75,649.29
企業所得稅	Enterprise income tax	13,964,290.73	21,681,558.87
個人所得稅	Individual income tax	431,568.94	383,447.10
城市維護建設稅	City maintenance tax	404,023.46	159,120.91
房產稅	Property tax	2,916,294.17	5,222,326.49
土地使用稅	Land-use tax	2,363,570.17	2,649,000.97
教育費附加	Education surcharges	180,135.36	82,703.24
其他稅費	Other tax and charges	264,302.59	243,674.48
合計	Total	24,875,091.43	31,525,000.52

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

20. 其他應付款

20. Other payables

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

類別	Category	期末餘額 Closing balance	期初餘額 Opening balance
應付利息	Interest payable	2,779,537.88	3,418,456.33
其他應付款項	Other payables	289,941,720.77	373,590,908.16
合計	Total	292,721,258.65	377,009,364.49

(1) 應付利息

(1) Interest payable

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
分期付息到期還本的長期借款利息	Interest on long-term loan with periodic payments of interest and return of principal at maturity	2,175,450.73	2,385,531.17
短期借款應付利息	Interests payable for short-term borrowings	604,087.15	1,032,925.16
合計	Total	2,779,537.88	3,418,456.33

(2) 其他應付款

(2) Other payables

a) 按款項性質列示其他應付款

a) Other payables by nature of amounts are shown as follows

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
公告及中介費	Announcement and intermediary fee	7,332,958.39	11,000,957.21
保證金及押金	Security deposits	2,280,493.77	2,398,570.77
往來款	Current accounts	280,328,268.61	360,191,380.18
合計	Total	289,941,720.77	373,590,908.16

四. 合併財務報表項目註釋(續)

20. 其他應付款(續)

(2) 其他應付款(續)

- b) 賬齡超過1年的重要其他應付款

IV. Notes to Items of the Consolidated Financial Statements (Continued)

20. Other payables (Continued)

(2) Other payables (Continued)

- b) Significant other payables aged over 1 year

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing balance	未償還或結轉的原因 Reason for outstanding or carrying forward
凱盛科技集團有限公司	Triumph Technology Group Limited Company	132,919,838.33	未結算 Not yet settled
合計	Total	132,919,838.33	/

21. 1年內到期的非流動負債

21. Non-current liabilities due within one year

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
1年內到期的長期借款	Long-term loans due within one year	197,080,091.76	196,946,248.22
合計	Total	197,080,091.76	196,946,248.22

四. 合併財務報表項目註釋(續)

22. 長期借款

長期借款分類

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
抵押借款	Mortgage loan	314,347,730.00	370,190,140.00
保證借款	Guaranty loan		606,605.65
合計	Total	314,347,730.00	370,796,745.65

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

註：(1) 本公司以部分生產設備(以下簡稱「出租物」)分別與太平石化金融租賃有限責任公司、蘇銀金融租賃股份有限公司(以下簡稱「出租方」)進行售後回租融資租賃業務，租賃期限為3-5年，本公司按照實質重於形式原則判斷該交易實質為出租方以租賃物作為抵押物向承租方(本公司)提供借款。在此種交易情況下，本公司將出租物的名義售價作為長期借款處理，出租物仍舊按照原賬面價值入賬並計提折舊。截至2018年6月30日，該項長期借款餘額為160,684,646.00元，其中：一年內到期的長期借款為61,416,916.00元。

(2) 2017年8月24日，本公司與桐城市經濟開發區建設發展有限公司及中國銀行股份有限公司桐城支行三方簽訂人民幣委託借款合同：桐城市經濟開發區建設發展有限公司委託中國銀行桐城支行向本公司發放貸款10,000,000.00元，合同約定借款免息。借款期限為2年。該借款以本公司不動產權證為皖(2016)桐城市不動產權第0000868號不動產作為抵押，截止2018年6月30日該不動產的賬面價值為52,455,284.50元。

2018年6月30日利率區間為0.00%-6.44%。

IV. Notes to Items of the Consolidated Financial Statements (Continued)

22. Long-term borrowings

Category of Long-term loans

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
抵押借款	Mortgage loan	314,347,730.00	370,190,140.00
保證借款	Guaranty loan		606,605.65
合計	Total	314,347,730.00	370,796,745.65

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

Note: (1) The Company used part of production equipment (hereinafter referred to as "the leased property") to process the after-sale lease-back financing lease business with Taiping & Sinopec Financial Leasing Co., Ltd. (太平石化金融租賃有限責任公司) and Suyin Financial Leasing Co., Ltd.* (蘇銀金融租賃股份有限公司) (hereinafter referred to as "the Lessor") respectively for a lease term of three to five years. The Company believed that pursuant to the substance-over-form principle, for such transaction in reality, the Lessor provided loan to the Lessee by taking the leased article as the mortgaged article. Under such transaction, the nominal selling price of the leased property was handled as long-term loan by the Company and the leased property was book in at its original book value with provision made. As of 30 June 2018, the balance of such long-term loan was RMB160,684,646.00 of which, the long-term loan due within one year amounted to RMB61,416,916.00.

(2) On 24 August 2017, the Company entered into an agreement in relation to entrusted loan denominated in RMB with Tongcheng Economic Development Zone Construction & Development Company Limited and Bank of China Limited Tongcheng Branch, pursuant to which Tongcheng Economic Development Zone Construction & Development Company Limited entrusted Bank of China Limited Tongcheng Branch to grant a loan of RMB10,000,000.00 to the Company. The loan was interest free and was extended for a term of two years and secured by a real estate (certificate no.: Wan (2016) Tongcheng Real Estate Title No. 0000868) of the Company. The book value of the real estate was RMB52,455,284.50 as at 30 June 2018.

As at 30 June 2018, the interest rate ranged from 0.00%-6.44%.

四. 合併財務報表項目註釋(續)

23. 遞延收益

遞延收益情況

IV. Notes to Items of the Consolidated Financial Statements (Continued)

23. Deferred income

Deferred income

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期初餘額 Opening balance	本期增加 Increase for the current period	本期減少 Decrease for the current period	期末餘額 Closing balance	形成原因 Reason of formation
政府補助	Government grants	108,193,683.26		671,960.28	107,521,722.98	
合計	Total	108,193,683.26		671,960.28	107,521,722.98	/

涉及政府補助的項目：

Projects involving government subsidy:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

負債項目	Projects with liabilities	期初餘額 Opening balance	本期新增 補助金額 New additional subsidy for the current period	本期計入 營業外收入金額 Amount recorded in non-operating profits for the current period	其他變動 Other changes	期末餘額 Closing balance	與資產相關/ 與收益相關 Asset-related/ Income-related
雙超玻璃生產線項目用地補助	Land-use subsidy for ultra-thin and ultra-white glass production line project	2,251,183.26		26,960.28		2,224,222.98	與資產相關 Asset-related
雙超玻璃生產線財政補貼	Fiscal subsidy for ultra-thin and ultra-white glass production line	1,417,500.00		607,500.00		810,000.00	與資產相關 Asset-related
超薄生產線專項資金	Special fund for ultra-thin production line	525,000.00		37,500.00		487,500.00	與資產相關 Asset-related
蚌埠市科學技術和知識產權局安徽省2017年度科技重大專項資金	Special funds for major provincial technology projects of 2017 from Bengbu Municipal Bureau of S/T & Intellectual Property	950,000.00				950,000.00	與收益相關 Income-related
2016年省科技重大專項市級配套資金	Special municipal supporting funds for major provincial technology projects of 2016	2,000,000.00				2,000,000.00	與收益相關 Income-related
2016年安徽省創新型省份建設專項資金	Special fund for innovative provincial construction of Anhui province of 2016	1,050,000.00				1,050,000.00	與收益相關 Income-related
超白光熱材料項目投資補助	Investment subsidy for ultra-white solar thermal material project	100,000,000.00				100,000,000.00	與資產相關 Asset-related
合計	Total	108,193,683.26		671,960.28		107,521,722.98	/

四. 合併財務報表項目註釋(續)

24. 股本

IV. Notes to Items of the Consolidated Financial Statements (Continued)

24. Share capital

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

	期初餘額	發行新股	本次變動增減(+、-)			小計	期末餘額
			送股	公積金轉股	其他		
	Opening balance	New shares	Bonus shares	Capital reserve transferred to shares	Others	Sub-total	Closing balance
股份總數	Total number of shares	526,766,875.00	33,030,516.00			33,030,516.00	559,797,391.00

註：本公司於2018年3月19日收到中國證券監督管理委員會《關於核准洛陽玻璃股份有限公司向中國洛陽浮法玻璃集團有限責任公司等發行股份購買資產並募集配套資金的批覆》(證監許可[2018]475號)，核准本公司向中國洛陽浮法玻璃集團有限責任公司發行10,097,588股股份、向合肥高新建設投資集團公司發行3,029,276股股份、向安徽華光光電材料科技集團有限公司發行6,377,490股股份、向中建材蚌埠玻璃工業設計研究院有限公司發行2,365,976股股份、向中國建材國際工程集團有限公司發行708,610股股份、向凱盛科技集團有限公司發行7,508,991股股份、向宜興環保科技創新創業投資有限公司發行1,877,247股股份、向協鑫集成科技股份有限公司發行1,065,338股股份購買相關資產。2018年4月18日，本公司收到中國證券登記結算有限責任公司上海分公司出具的《證券變更登記證明》，本次發行股份購買資產涉及的新增股份33,030,516股(均為限售流通股)已辦理完畢股份登記手續。

Note: On 19 March 2018, the Company received the "Approval on Purchase of Assets by Share Issue to China Luoyang Float Glass (Group) Company Limited etc. and Raising of Supporting Funds by Luoyang Glass Company Limited* (Zheng Jian Xu Ke [2018] No. 475)" ("關於核准洛陽玻璃股份有限公司向中國洛陽浮法玻璃集團有限責任公司等發行股份購買資產並募集配套資金的批覆"(證監許可[2018]475號)) from the CSRC, pursuant to which, the issuance of 10,097,588 shares to China Luoyang Float Glass (Group) Company Limited, 3,029,276 shares to Hefei Gaoxin Development and Investment Group Company, 6,377,490 shares to Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd., 2,365,976 shares to Bengbu Design & Research Institute for Glass Industry, 708,610 shares to China Triumph International Engineering Co., Ltd., 7,508,991 shares to Triumph Science & Technology Co., Ltd., 1,877,247 shares to Yixing Environmental Technology Innovation Venture Investment Co., Ltd. and 1,065,338 shares to GCL System Integration Technology Co., Ltd. by the Company for acquisition of relevant assets was approved. On 18 April 2018, the Company received Certificate for Change of Securities Registration issued by Shanghai Branch of China Securities Depository and Clearing Corporation Limited, indicating that share registration procedures were completed for the 33,030,516 new shares (all being tradable shares subject to trading moratorium) involved in the issuance of shares for acquisition of assets.

四. 合併財務報表項目註釋(續)

25. 資本公積

IV. Notes to Items of the Consolidated Financial Statements (Continued)

25. Capital reserve

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期初餘額 Opening balance	本期增加 Increase for the current period	本期減少 Decrease for the current period	期末餘額 Closing balance
資本溢價(股本溢價)	Capital premium (share capital premium)	1,819,545,395.63	111,958,816.67	27,058,655.00	1,904,445,557.30
其他資本公積	Other capital reserves	72,300,473.27	2,815,471.74		75,115,945.01
合計	Total	1,891,845,868.90	114,774,288.41	27,058,655.00	1,979,561,502.31

其他說明，包括本期增減變動情況、變動原因說明：

(1) 本期資本溢價變動主要係：發行股份購買同一控制下合肥新能源76.92%股權、桐城新能源100%股權、宜興新能源51%股權減少資本溢價27,058,655.00元，發行股份購買合肥新能源23.08%、宜興新能源19.99%少數股權增加資本溢價111,958,816.67元。

(2) 根據2018年1月凱盛科技集團有限公司出具的對本公司業績補償承諾，本公司因發行股份購買資產涉及的標的公司(合肥新能源、桐城新能源及宜興新能源)2017年度經審計的淨利潤之和低於北京天健興業資產評估有限公司出具的以2016年10月31日為基準日的評估報告中所載標的公司2017年預測淨利潤之和，凱盛科技集團有限公司按差額應付本公司2,815,471.74元業績承諾補償款計入其他資本公積。

Others (including explanations on increase/decrease in the amount of the current period and the reasons):

(1) Changes in the capital premium for the current period were mainly due to the acquisition of 76.92%, 100%, and 51% equity interest in Hefei New Energy, Tongcheng New Energy and Yixing New Energy, respectively, which are under common control, by way of issuance of shares, which lead to a decrease of RMB27,058,655.00 in the capital premium, and the acquisition of 23.08% and 19.99% minority interest in Hefei New Energy and Yixing New Energy, respectively, which lead to an increase of RMB111,958,816.67 in the capital premium.

(2) Pursuant to the performance compensation commitment made by Triumph Technology Group Co., Ltd. to the Company in January 2018, Triumph Technology Group Co., Ltd. paid the difference of RMB2,815,471.74 between the sum of audited net profit of the target companies (namely, Hefei New Energy, Tongcheng New Energy and Yixing New Energy) for 2017 as involved in the acquisition of assets by way of issuance of shares and the sum of estimated net profit of the target companies as set out in the valuation report with 31 October 2016 as the benchmark date issued by Pan-China Assets Appraisal Co., Ltd. as committed performance compensation to the Company. Such performance committed compensation was recognized as other capital reserves.

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

26. 盈餘公積

26. Surplus reserve

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期初餘額 Opening balance	本期增加 Increase for the current period	本期減少 Decrease for the current period	期末餘額 Closing balance
法定盈餘公積	Statutory surplus reserve	51,365,509.04			51,365,509.04
合計	Total	51,365,509.04			51,365,509.04

四. 合併財務報表項目註釋(續)

27. 未分配利潤

IV. Notes to Items of the Consolidated Financial Statements (Continued)

27. Undistributed profit

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額	
		金額	提取或分配比例
		Amount	Ratio of appropriation or distribution
調整前上期末未分配利潤	Undistributed profit at the end of the previous period before adjustment	-1,507,399,946.07	
調整期初未分配利潤合計數(調增+，調減-)	Total effects of adjustments of undistributed profits at the beginning of the period (increase expressed with +, and decrease expressed with -)	157,402,369.13	
調整後期初未分配利潤	Undistributed profit at the beginning of the period after adjustment	-1,349,997,576.94	
加：本期歸屬於母公司所有者的淨利潤	Add: net profit attributable to owners of the Company for the period	21,977,671.03	
減：提取法定盈餘公積	Less: Appropriation to statutory surplus reserve		
提取任意盈餘公積	Appropriation to discretionary surplus reserve		
應付普通股股利	Dividend payable in respect of ordinary shares		
轉作股本的普通股股利	Dividend on ordinary shares as converted into share capital		
期末未分配利潤	Undistributed profit at the end of the period	-1,328,019,905.91	

調整期初未分配利潤明細：

Particulars of adjustments of undistributed profit at the beginning of the period:

- | | |
|--|---|
| (1) 由於《企業會計準則》及其相關新規定進行追溯調整，影響期初未分配利潤-11,706,971.58元 | (1) Due to the retrospective adjustment based on the Accounting Standards for Business Enterprises and its related new regulations, the effects on undistributed profit at the beginning of the period amounted to RMB-11,706,971.58. |
| (2) 由於同一控制導致的合併範圍變更，影響期初未分配利潤169,109,340.71元。 | (2) Due to the change in the scope of consolidation resulting from the same control, the effects on undistributed profit at the beginning of the period amounted to RMB169,109,340.71. |

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

28. 營業收入和營業成本

28. Operating revenue and operating costs

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額		上期發生額	
		Amount for current period		Amount for previous period	
		收入	成本	收入	成本
		Income	Cost	Income	Cost
主營業務	Principal operations	677,653,373.40	494,773,813.82	677,059,416.85	524,481,322.72
其他業務	Other operations	24,709,017.34	23,850,093.55	27,400,465.85	24,444,601.69
合計	Total	702,362,390.74	518,623,907.37	704,459,882.70	548,925,924.41

29. 稅金及附加

29. Taxes and surcharges

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額	上期發生額
		Amount for current period	Amount for previous period
城市維護建設稅	Urban construction and maintenance tax	1,175,289.39	229,690.37
教育費附加	Education surcharges	839,492.44	100,452.28
房產稅	Property tax	2,332,894.94	3,045,593.32
土地使用稅	Land-use tax	4,609,679.86	5,240,465.33
其他	Others	1,755,129.29	563,430.90
合計	Total	10,712,485.92	9,179,632.20

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

30. 銷售費用

30. Selling expenses

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
職工薪酬	Staff remuneration	3,963,638.15	3,719,428.48
折舊費	Depreciation expenses	107,906.06	111,401.02
運輸費	Transportation costs	16,618,440.70	22,602,321.77
裝卸費	Loading and unloading charges	160,431.82	276,093.80
差旅費	Travel expenses	514,471.46	225,994.19
其他銷售費用	Other selling expenses	559,077.64	1,118,439.37
合計	Total	21,923,965.83	28,053,678.63

31. 管理費用

31. Administration expenses

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
職工薪酬	Staff remuneration	24,819,974.27	21,063,210.83
固定資產折舊	Depreciation of fixed assets	4,082,818.74	5,987,535.37
無形資產攤銷	Amortization of intangible asset	4,096,310.54	3,898,671.08
聘請中介機構及諮詢費	Intermediary engagement and consulting fees	4,050,874.97	3,637,267.05
修理費	Repairing cost	446,535.58	569,311.04
其他費用	Other expenses	9,024,779.28	10,115,259.04
合計	Total	46,521,293.38	45,271,254.41

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

32. 研發費用

32. Research and development expenses

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
信息顯示超薄基板項目	Ultra-thin Substrate for Information Display	1,956,653.43	2,424,670.95
0.15mm極薄浮法電子玻璃工藝及產業化關鍵技術研究	Research on the Production Technology and Key Technology in the Industrialization of 0.15mm Ultra-Thin Float Electronic Glass	10,401,109.68	1,559,772.85
ITO級超薄電子玻璃關鍵技術研發及應用	R&D and Application of Key Technology in ITO Ultra-thin Electronic Glass		7,804,867.35
高強0.2mm電子玻璃工業化生產技術研究	Research on the Production Technology of Industrialization of 0.2mm High Strength Electronic Glass		1,517,736.98
耐磨3D玻璃基板生產技術研究	Research on the Production Technology of 3D Wear-Resistant Glass Substrate		1,287,633.02
雙玻組件用高硬寬譜增透型超薄光伏玻璃關鍵技術及產業化研究	Research on Key Technology and Industrialization of Ultra-thin and Anti-reflective Photovoltaic Glass with High Hardness and Wide Spectrum Used in Double-glass Modules	11,658,652.74	
650D/T全氧燃燒節能降耗超白壓延玻璃生產技術開發	Production Technology Development of 650D/T Energy-saving and Ultra-white Rolled Glass in Oxyfuel Combustion		1,420,263.95
超薄光伏玻璃新產品研製	Development of New Ultra-thin Photovoltaic Glass		2,551,715.50
對現運行脫硫塔提高脫硫效率的技術研究	Technology Research on Improving Desulphurization Efficiency of the Operating Desulphurizing Tower		1,117,279.61
超薄高透玻璃	Ultra-thin and Anti-reflective Glass	4,238,078.15	
鏡面單絨玻璃	Mirrored Single-suede Glass	2,174,420.66	
雙玻背板打孔絲網印刷	Silk-screen Printing in Double-glass Back Plate Punching	1,020,287.98	
智能超薄研發項目	R&D of Intelligent Ultra-thin Glass	1,857,602.55	5,844,118.10
太陽能光伏玻璃研發項目	R&D of Solar Photovoltaic Glass	3,870,789.72	1,463,445.18
其他	Others	1,265,686.76	1,692,058.39
合計	Total	38,443,281.67	28,683,561.88

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

33. 財務費用

33. Finance expenses

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
利息費用	Interest expense	32,742,684.84	31,890,768.84
減：利息收入	Less: Interest income	-299,301.46	-723,069.67
匯兌損失(減：匯兌收益)	Exchange loss (less: exchange gain)	407,753.75	83,224.66
票據貼現息	Interests of discounted bill	5,530,410.54	1,948,914.46
其他支出	Other expenses	1,358,867.13	1,759,697.89
合計	Total	39,740,414.80	34,959,536.18

34. 資產減值損失

34. Impairment losses of assets

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
一. 壞賬損失	I. Bad debt losses		1,505,780.89
二. 存貨跌價損失	II. Impairment losses of inventories	6,849.19	-698,146.41
合計	Total	6,849.19	807,634.48

35. 信用減值損失

35. Impairment losses of credit

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
壞賬損失	Bad debt losses	-4,173,671.55	
合計	Total	-4,173,671.55	

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

36. 其他收益

36. Other income

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period	與資產相關/ 與收益相關 Asset-related/ Income-related
財政性資金投資基本建設政府補助	Fiscal capital investment for fundamental construction	607,500.00	607,500.00	與資產相關 Asset-related
土地使用權政府補助	Government grants for land use rights	26,960.28	26,960.28	與資產相關 Asset-related
蚌埠市龍子湖區財政局企業發展專項資金	Special fund for enterprise development issued by the Bureau of Finance of Longzihu District in Bengbu City	37,500.00	37,500.00	與資產相關 Asset-related
蚌埠市社會保險基金徵繳中心補助	Subsidy for supporting enterprises and stabilizing employment issued by Social Security Funds Collecting Center of Bengbu	1,482,251.07	124,018.76	與收益相關 Income-related
蚌埠市龍子湖區財政支付中心2017年穩崗就業崗位補貼	Subsidy for stabilizing employment granted by the Fiscal Payment Center of Longzihu District of Bengbu in 2017	91,281.00		與收益相關 Income-related
蚌埠市龍子湖區經濟和信息化委員會2017年市級專利資助費	Municipal patent subsidy granted by the Commission of Economy and Information Technology of Longzihu District of Bengbu in 2017	38,470.00		與收益相關 Income-related
蚌埠市龍子湖區經濟和信息化委員會2017年度區級專利資助	District-level patent subsidy granted by the Commission of Economy and Information Technology of Longzihu District of Bengbu in 2017	42,000.00		與收益相關 Income-related
蚌埠市科學技術和知識產權局高新技術產品補貼	Subsidy for high-tech products granted by Science and Technology and Intellectual Property Office of Bengbu	50,000.00		與收益相關 Income-related
蚌埠市禹會區科學技術知識產權局發明專利獎勵資金	Reward for invention patent granted by Science and Technology and Intellectual Property Office of Yuhui District of Bengbu	56,000.00		與收益相關 Income-related
光伏補貼	Photovoltaic subsidy	2,693,620.12	2,932,595.19	與收益相關 Income-related
2017年土地使用稅返還款	Refunds of land-use tax in 2017	1,995,400.00		與收益相關 Income-related
財政「應用技術研究與開發」專項撥款	Special subsidy for "research and development of application technology"		1,863,206.01	與收益相關 Income-related
科技項目建設經費	Technology projects construction funds		8,769,953.23	與收益相關 Income-related
買斷人員經濟補償金	Economic compensation for personnel buyout		8,320,000.00	與收益相關 Income-related
節能降耗減排環保獎勵資金	Environmental protection reward for energy saving and emission reduction		200,000.00	與收益相關 Income-related
用工單位招聘補貼	Employment subsidy for employers		43,800.00	與收益相關 Income-related
合計	Total	7,120,982.47	22,925,533.47	

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

37. 資產處置收益

37. Gains on the Disposal of Assets

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
固定資產處置損益	Gains and losses from disposal of fixed assets	131,075.15	22,266.73
無形資產處置損益	Gains and losses from disposal of intangible assets		61,151.62
合計	Total	131,075.15	83,418.35

38. 營業外收入

38. Non-operating income

營業外收入情況

Non-operating income

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period	計入當期非經常性 損益的金額 Amount recognized as non-recurring gain or loss of the current period
債務重組利得	Income from debt restructuring	259,661.53	1,715,899.47	259,661.53
政府補助	Government subsidy	1,024,500.00	451,000.00	1,024,500.00
其他	Others	491,119.20	110,876.12	491,119.20
合計	Total	1,775,280.73	2,277,775.59	1,775,280.73

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

38. 營業外收入(續)

38. Non-operating income (Continued)

計入營業外收入的政府補助

Government subsidy recognized as non-operating income

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

補助項目	Subsidy Item	本期發生金額 Amount for current period	上期發生金額 Amount for previous period	與資產相關/ 與收益相關 Asset-related/ Income-related
高新區經貿局普惠兌現	Preferential subsidy granted by economic and trade bureau of high-tech industrial development zone	50,000.00		與收益相關 Income-related
高新區經貿局節能技術改造	Subsidy for energy-saving technical transformation granted by economic and trade bureau of high-tech industrial development zone	84,500.00		與收益相關 Income-related
高新區經貿局政策兌現	Subsidy under policies of economic and trade bureau of high-tech industrial development zone	100,000.00		與收益相關 Income-related
2017年度安徽省電力需求側管理專項資金支持項目補貼	Subsidy for projects supported by the special funds for demand-side management of electric power of Anhui Province in 2017	240,000.00		與收益相關 Income-related
兩化融合獎勵	Reward for integration of informatization and industrialization	50,000.00		與收益相關 Income-related
濮陽縣政府2017年度先進集體突出成就獎勵	2017 reward for advanced collective for outstanding achievement granted by Puyang County Government	500,000.00		與收益相關 Income-related
知識產權獎勵	Reward for intellectual property rights		11,000.00	與收益相關 Income-related
合肥市級創新型企業補助	Municipal subsidy for innovative enterprises of Hefei		30,000.00	與收益相關 Income-related
合肥市高新區經貿獎勵	Reward for economic and trade enterprises in Hefei High-Tech Industrial Development Zone		10,000.00	與收益相關 Income-related
國家高新技術企業資質認定獎勵	National reward for high-tech enterprise qualification		200,000.00	與收益相關 Income-related
合肥高新技術產業開發區財政國庫資質認定獎勵	Reward for fiscal treasury qualification granted by Hefei High-Tech Industrial Development Zone		200,000.00	與收益相關 Income-related
合計	Total	1,024,500.00	451,000.00	/

四. 合併財務報表項目註釋(續)

39. 營業外支出

IV. Notes to Items of the Consolidated Financial Statements (Continued)

39. Non-operating expenses

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period	計入當期非經常性 損益的金額 Amount recognized as extraordinary profit and loss of the current period
賠償金、違約金及罰款支出	Indemnities, liquidated damages and penalties	201,092.46	226,243.61	201,092.46
其他支出	Other expenses	10,282.26	10,135.00	10,282.26
合計	Total	211,374.72	236,378.61	211,374.72

40. 所得稅費用

40. Income tax expenses

(1) 所得稅費用表

(1) The table for income tax expenses

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
當期所得稅費用	Income tax expenses for the current period	10,290,114.12	7,596,067.12
遞延所得稅費用	Deferred income tax expenses	849,765.11	1,755,179.86
合計	Total	11,139,879.23	9,351,246.98

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

40. 所得稅費用(續)

40. Income tax expenses (Continued)

(2) 會計利潤與所得稅費用調整過程：

(2) Reconciliation between accounting profit and income tax expenses:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period
利潤總額	Total profit	39,379,827.76
按法定／適用稅率計算的所得稅費用	Income tax expenses calculated at statutory/applicable tax rates	9,844,956.94
子公司適用不同稅率的影響	Effect of different tax rates applicable to subsidiaries	-5,032,676.06
不可抵扣的成本、費用和損失的影響	Effect of costs, expenses and losses not deductible for tax purposes	142,677.62
使用前期未確認遞延所得稅資產的可抵扣虧損的影響	Effect of utilization of deductible losses of unrecognized deferred income tax assets in previous periods	-1,211,033.21
本期末確認遞延所得稅資產的可抵扣暫時性差異或可抵扣虧損的影響	Effect of current deductible temporary differences or deductible loss of unrecognized deferred income tax assets	7,395,953.94
所得稅費用	Income tax expenses	11,139,879.23

41. 現金流量表項目

41. Items of cash flow statement

(1) 收到的其他與經營活動有關的現金：

(1) Other cash received from activities relating to operation:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
政府補助	Government grants	3,297,651.00	9,964,800.00
其他	Others	5,344,034.83	5,875,380.22
合計	Total	8,641,685.83	15,840,180.22

四. 合併財務報表項目註釋(續)

41. 現金流量表項目(續)

(2) 支付的其他與經營活動有關的現金：

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
諮詢及審計、評估、律師費、 公告費	Consultation and audit, assessment, legal fees, bulletin fees	6,403,800.07	1,450,063.42
差旅費	Travel expense	1,280,895.13	1,067,230.33
其他往來及費用	Other current accounts and expenses	9,429,927.70	23,810,931.33
合計	Total	17,114,622.90	26,328,225.08

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

IV. Notes to Items of the Consolidated Financial Statements (Continued)

41. Items of cash flow statement (Continued)

(2) Other cash paid for activities relating to operation:

(3) 收到的其他與投資活動有關的現金

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
業績承諾補償款	Compensation for performance commitment	18,117,140.63	23,798,268.89
合計	Total	18,117,140.63	23,798,268.89

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

(3) Other cash received from activities relating to investment

四. 合併財務報表項目註釋(續)

41. 現金流量表項目(續)

(4) 收到的其他與籌資活動有關的現金

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
票據貼現	Bill discount	77,983,266.66	38,865,850.00
中國洛陽浮法玻璃集團有限 責任公司	China Luoyang Float Glass (Group) Company Limited	135,227,556.60	217,391,582.90
票據保證金	Bill deposit		15,000,000.00
中建材(蚌埠)光電材料有限公司	CNBM (Bengbu) Photoelectric Materials Co., Ltd.		55,000,000.00
合計	Total	213,210,823.26	326,257,432.90

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

IV. Notes to Items of the Consolidated Financial Statements (Continued)

41. Items of cash flow statement (Continued)

(4) Other cash received from activities relating to financing

(5) 支付的其他與籌資活動有關的現金

項目	Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
凱盛科技集團有限公司	Triumph Technology Group Co., Ltd.	59,177.26	9,000,000.00
中建材(蚌埠)光電材料有限公司	CNBM (Bengbu) Photoelectric Materials Co., Ltd.	24,961,105.23	
中國洛陽浮法玻璃集團有限責任 公司	China Luoyang Float Glass (Group) Company Limited	23,944,257.67	197,660,000.00
償還到期票據	Repayment of matured bill		90,000,000.00
票據保證金	Bill deposit	37,200,000.00	
其他	Others	1,352.00	4,500,000.00
合計	Total	86,165,892.16	301,160,000.00

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

(5) Other cash paid for activities relating to financing

四. 合併財務報表項目註釋(續)

41. 現金流量表項目(續)

(6) 現金流量表補充資料

IV. Notes to Items of the Consolidated Financial Statements (Continued)

41. Items of cash flow statement (Continued)

(6) Supplementary information of cash flow statement

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

補充資料	Supplementary information	本期金額 Amount for current period	上期金額 Amount for previous period
1. 將淨利潤調節為經營活動現金流量：	1. Net profit adjusted to cash flow of operating activities:		
淨利潤	Net profit	28,239,948.53	24,277,762.33
加：資產減值準備	Add: Provision for impairment of assets	-4,166,822.36	807,634.48
固定資產折舊、油氣資產折耗、 生產性生物資產折舊	Depreciation of fixed assets, depletion of oil and gas assets, depreciation of productive biological assets	58,714,665.25	58,077,543.29
無形資產攤銷	Amortization of intangible assets	4,456,441.28	4,211,990.90
長期待攤費用攤銷	Amortization of long-term deferred expenses	1,362,946.69	1,139,765.28
處置固定資產、無形資產和 其他長期資產的損失 (收益以[-]號填列)	Losses from disposal of fixed assets, intangible assets and other long-term assets ("-" for gains)	-131,075.15	-83,418.35
固定資產報廢損失 (收益以[-]號填列)	Losses from scrapping of fixed assets ("-" for gains)	10,282.26	
公允價值變動損失 (收益以[-]號填列)	Losses from changes in fair value ("-" for gains)		
財務費用(收益以[-]號填列)	Finance expenses ("-" for gains)	32,742,684.84	32,671,350.21
投資損失(收益以[-]號填列)	Investment losses ("-" for gains)		
遞延所得稅資產減少 (增加以[-]號填列)	Decrease in deferred income tax assets ("-" for increase)	849,765.11	1,755,179.86
遞延所得稅負債增加 (減少以[-]號填列)	Increase in deferred income tax liabilities ("-" for decrease)		
存貨的減少(增加以[-]號填列)	Decrease in inventories ("-" for increase)	-71,072,850.27	13,750,433.61
經營性應收項目的減少 (增加以[-]號填列)	Decrease in operating receivables ("-" for increase)	67,961,650.01	-427,622,172.45
經營性應付項目的增加 (減少以[-]號填列)	Increase in operating payables ("-" for decrease)	-194,308,200.44	37,567,406.70
其他	Others		
經營活動產生的現金流量淨額	Net cash flow from operating activities	-75,340,564.25	-253,446,524.14
2. 不涉及現金收支的重大投資和籌資活動：	2. Significant investing and financing activities that do not involve cash receipts and payment:		
債務轉為資本	Conversion of debts into capital		
一年內到期的可轉換公司債券	Convertible corporate bonds due within one year		
融資租入固定資產	Fixed assets acquired under finance leases		
3. 現金及現金等價物淨變動情況：	3. Net changes in cash and cash equivalents:		
現金的期末餘額	Closing balance of cash	77,602,290.74	87,746,357.38
減：現金的期初餘額	Less: Opening balance of cash	198,797,788.08	191,575,911.27
加：現金等價物的期末餘額	Add: Closing balance of cash equivalents		
減：現金等價物的期初餘額	Less: Opening balance of cash equivalents		
現金及現金等價物淨增加額	Net increase in cash and cash equivalents	-121,195,497.34	-103,829,553.89

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

41. 現金流量表項目(續)

41. Items of cash flow statement (Continued)

(7) 現金和現金等價物的構成

(7) Constitution of cash and cash equivalents

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末餘額 Closing balance	期初餘額 Opening balance
一. 現金	1. Cash	77,602,290.74	198,797,788.08
其中：庫存現金	Including: Cash on hand	190,165.99	96,609.06
可隨時用於支付的銀行存款	Bank deposit available for payment at any time	77,412,124.75	198,701,179.02
二. 現金等價物	2. Cash equivalents		
三. 期末現金及現金等價物餘額	3. Closing balance of cash and cash equivalents	77,602,290.74	198,797,788.08

42. 所有權或使用權受到限制的資產

42. Assets under restricted ownership or use right

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	期末賬面價值 Book value at the end of the period	受限原因 Reasons for restriction
貨幣資金	Monetary funds	101,558,855.57	銀行承兌票據保證金、信用證保證金、定期存單質押 Bank acceptance deposit, letter of credit deposit, deposit certificate pledge
應收票據	Notes receivable	53,822,634.55	質押借款 Pledged loan
固定資產	Fixed assets	487,556,863.63	抵押借款 Mortgage loan
無形資產	Intangible assets	53,454,883.89	抵押借款 Mortgage loan
合計	Total	696,393,237.64	/

四. 合併財務報表項目註釋(續)

43. 外幣貨幣性項目

外幣貨幣性項目：

IV. Notes to Items of the Consolidated Financial Statements (Continued)

43. Monetary item in foreign currency

Monetary item in foreign currency:

單位：元
Unit: Yuan

項目	Item	期末外幣餘額 Balance of foreign currency at the end of the period	折算匯率 Exchange rate	期末折算 人民幣餘額 Balance of RMB converted at the end of the period
貨幣資金	Monetary funds			2,251,983.73
其中：美元	Including: USD	339,440.55	6.6166	2,245,942.33
歐元	EURO	0.05	7.6515	0.38
港幣	HKD	7,165.25	0.8431	6,041.02
應收賬款	Accounts receivable			1,500,186.48
其中：美元	Including: USD	226,730.72	6.6166	1,500,186.48
長期借款	Long-term loans			793,175.76
其中：美元	Including: USD			
歐元	EURO	103,662.78	7.6515	793,175.76

四. 合併財務報表項目註釋(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

44. 政府補助

44. Government grants

政府補助基本情況

Basic information on government grants

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

種類	Items	金額	列報項目	計入當期 損益的金額 The amount recognized in the current profits and losses
		Amount	Presentation	
財政性資金投資基本建設政府補助	Fiscal capital investment for fundamental construction	607,500.00	其他收益 Other income	607,500.00
土地使用權政府補助	Government grants for land use rights	26,960.28	其他收益 Other income	26,960.28
蚌埠市龍子湖區財政局企業發展專項資金	Special fund for enterprise development issued by the Bureau of Finance of Longzihu District in Bengbu City	37,500.00	其他收益 Other income	37,500.00
蚌埠市社會保險基金徵繳中心補助 援企穩崗補貼(用於代繳養老社 保)	Subsidy for supporting enterprises and stabilizing employment issued by Social Security Funds Collecting Center of Bengbu (for payment of pension insurance)	1,482,251.07	其他收益 Other income	1,482,251.07
蚌埠市龍子湖區財政支付中心2017 年穩崗就業崗位補貼	Subsidy for stabilizing employment granted by the Fiscal Payment Center of Longzihu District of Bengbu in 2017	91,281.00	其他收益 Other income	91,281.00
蚌埠市龍子湖區經濟和信息化委員 會2017年市級專利資助費	Municipal patent subsidy granted by the Commission of Economy and Information Technology of Longzihu District of Bengbu in 2017	38,470.00	其他收益 Other income	38,470.00
蚌埠市龍子湖區經濟和信息化委員 會2017年度區級專利資助	District-level patent subsidy granted by the Commission of Economy and Information Technology of Longzihu District of Bengbu in 2017	42,000.00	其他收益 Other income	42,000.00
蚌埠市科學技術和知識產權局高新 技術產品補助	Subsidy for high-tech products issued by Science and Technology and Intellectual Property Office of Bengbu	50,000.00	其他收益 Other income	50,000.00
蚌埠市禹會區科學技術知識產權局 發明專利獎勵資金	Reward for invention patent granted by Science and Technology and Intellectual Property Office of Yuhui District of Bengbu	56,000.00	其他收益 Other income	56,000.00

四. 合併財務報表項目註釋(續)

44. 政府補助(續)

政府補助基本情況(續)

IV. Notes to Items of the Consolidated Financial Statements (Continued)

44. Government grants (Continued)

Basic information on government grants (Continued)

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

種類	Items	金額	列報項目	計入當期 損益的金額 The amount recognized in the current profits and losses
		Amount	Presentation	
光伏補貼	Photovoltaic subsidy	2,693,620.12	其他收益 Other income	2,693,620.12
2017年土地使用稅返還款	Refunds of land-use tax in 2017	1,995,400.00	其他收益 Other income	1,995,400.00
高新區經貿局普惠兌現	Preferential subsidy of economic and trade bureau of high-tech industrial development zone	50,000.00	營業外收入 Non-operating income	50,000.00
高新區經貿局節能技術改造	Subsidy for energy-saving technical transformation granted by the economic and trade bureau of high-tech industrial development zone	84,500.00	營業外收入 Non-operating income	84,500.00
高新區經貿局政策兌現	Subsidy under policies of economic and trade bureau of high-tech industrial development zone	100,000.00	營業外收入 Non-operating income	100,000.00
2017年度安徽省電力需求側管理專項資金支持項目補貼	Subsidy for projects supported by the special funds for demand-side management of electric power of Anhui Province in 2017	240,000.00	營業外收入 Non-operating income	240,000.00
兩化融合獎勵	Reward for integration of informatization and industrialization	50,000.00	營業外收入 Non-operating income	50,000.00
濮陽縣政府2017年度先進集體突出成就獎勵	2017 reward for advanced collective for outstanding achievement granted by Puyang County Government	500,000.00	營業外收入 Non-operating income	500,000.00
合計	Total	8,145,482.47		8,145,482.47

四. 合併財務報表項目註釋(續)

45. 其他

退休金計劃

本公司按規定參加由勞動和社會保障部門組織設立的社會保險計劃，根據該等計劃，本公司員工分別按員工工資或當地上年度社會平均工資的一定比例每月向該等計劃繳存費用。除上述每月繳存費用外，本公司再無支付其他重大退休福利的責任。

五. 合併範圍的變更

1. 非同一控制下企業合併

不適用

2. 同一控制下企業合併

(1) 本期發生的同一控制下企業合併

IV. Notes to Items of the Consolidated Financial Statements (Continued)

45. Others

Retirement plan of the Group

The Group has participated in the Social Insurance Plan established by the labor and social security department for employees according to relevant regulations. Pursuant to the Plan, the Group needs to make pension contributions in proportion to the salary of employees or the local average salary in the previous year. Except as the aforesaid monthly defined contributions, the Group is not obligated to pay any other significant retirement benefits.

V. Change in the Scope of Consolidation

1. Business combination not under common control

N/A

2. Business combination under common control

(1) *Business combination under common control in the period*

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

被合併方名稱	企業合併中取得的權益比例	構成同一控制下企業合併的依據	合併日	合併日的確定依據	合併當期期初至合併日被合併方的收入	合併當期期初至合併日被合併方的淨利潤	比較期間被合併方的收入	比較期間被合併方的淨利潤
Name of combined party	The proportion of equity acquired in business combination	Basis of being a business combination under common control	Combination date	Determination Basis for Combination date	Revenue of combined party from beginning of combination period to combination date	Net profit of combined party from beginning of combination period to combination date	Revenue of combined party in the comparison period	Net profits of combined party in the comparison period
合肥新能源	76.92%	同一控股股東	2018年3月23日	完成工商變更以及資產交割，取得控制權	110,997,824.43	8,627,697.03	292,090,476.04	9,936,248.96
Hefei New Energy		Common Controlling Shareholder	23 March 2018	Completed change of registration and asset transfer and obtained control				
桐城新能源	100.00%	同一控股股東	2018年3月27日	完成工商變更以及資產交割，取得控制權	53,888,059.30	5,855,500.01	124,279,223.16	8,570,619.99
Tongcheng New Energy		Common Controlling Shareholder	27 March 2018	Completed change of registration and asset transfer and obtained control				
宜興新能源	51.00%	同一控股股東	2018年4月13日	完成工商變更以及資產交割，取得控制權	78,423,267.83	6,008,703.85	133,120,906.46	4,592,934.36
Yixing New Energy		Common Controlling Shareholder	13 April 2018	Completed change of registration and asset transfer and obtained control				

五. 合併範圍的變更(續)

2. 同一控制下企業合併(續)

(2) 合併成本

V. Change in the Scope of Consolidation (Continued)

2. Business combination under common control (Continued)

(2) Combination cost

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

合併成本	Combination cost	合肥新能源 Hefei New Energy	桐城新能源 Tongcheng New Energy	宜興新能源 Yixing New Energy
— 發行的權益性證券的面值 — Carrying value of equity instruments issued				
		10,097,588.00	9,452,076.00	7,508,991.00

3. 合併日被合併方資產、負債的賬面價值

3. Carrying value of the assets and liabilities of the combined party on the combination date

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

		合肥新能源 Hefei New Energy		桐城新能源 Tongcheng New Energy		宜興新能源 Yixing New Energy	
		合併日	上期期末	合併日	上期期末	合併日	上期期末
		Combination date	End of last period	Combination date	End of last period	Combination date	End of last period
資產：	Assets:	1,197,331,869.19	1,295,456,202.26	511,825,080.24	509,051,794.33	882,916,941.80	837,432,128.54
貨幣資金	Cash and cash equivalents	42,598,656.47	20,332,693.23	3,344,461.65	4,108,755.80	40,110,109.68	3,848,797.06
應收款項	Accounts receivables	280,762,440.84	427,263,337.34	134,425,713.39	157,994,735.89	266,384,352.97	294,233,886.33
存貨	Inventories	74,761,343.02	43,694,493.94	35,213,565.73	23,192,316.70	45,814,466.33	26,102,579.74
在建工程	Construction in progress	31,203,932.48	29,107,163.68	29,336,780.42	11,567,370.14	179,879,843.71	161,071,521.71
固定資產	Fixed assets	667,208,771.70	677,587,082.81	257,170,833.24	260,510,437.32	266,428,903.35	267,107,253.03
無形資產	Intangible assets	95,410,492.51	95,882,437.74	49,560,254.25	50,132,185.05	53,713,440.73	54,079,815.89
其他長期資產	Other long-term assets	1,178,984.49	1,330,494.30	2,337,542.43	1,418,699.16	917,807.36	17,666.77
其他流動資產	Other current assets	4,207,247.68	258,499.22	435,929.13	127,294.27	29,668,017.67	30,970,608.01
負債：	Liabilities:	981,336,727.32	1,082,268,236.81	272,036,973.48	272,531,837.94	542,351,664.50	500,090,242.64
借款	Borrowings	474,325,000.00	461,385,000.00	30,000,000.00	10,000,000.00	370,000,000.00	325,000,000.00
應付款項	Accounts payables	507,011,727.32	620,883,236.81	242,036,973.48	262,531,837.94	172,351,664.5	175,090,242.64
淨資產	Net assets	215,995,141.87	213,187,965.45	239,788,106.76	236,519,956.39	340,565,277.30	337,341,885.90
減：少數股東權益	Less: minority interests	49,851,678.74	49,203,782.43			166,876,985.88	165,297,524.09
取得的淨資產	Net asset acquired	166,143,463.13	163,984,183.02	239,788,106.76	236,519,956.39	173,688,291.42	172,044,361.81

六. 在其他主體中的權益

1. 在子公司中的權益

(1) 企業集團的構成

子公司名稱 Name of subsidiaries	主要經營地 Location of principal business	註冊地 Place of Registration	業務性質 Nature of business	持股比例(%) Shareholding ratio (%)		取得方式 Obtained by
				直接 Direct	間接 Indirect	
洛玻集團龍門玻璃有限責任公司 CLFG Longmen Glass Co. Ltd.	洛陽市 Luoyang City	洛陽市 Luoyang City	生產、銷售 Producing and selling	100		投資 investment
洛玻集團洛陽龍海電子玻璃有限公司 CLFG Longhai Electronic Glass Limited	偃師市 Yanshi City	偃師市 Yanshi City	生產、銷售 Producing and selling	100		投資 investment
中建材(濮陽)光電材料有限公司 CNBMG (Puyang) Photoelectric Material Co., Ltd.*	濮陽市 Puyang City	濮陽市 Puyang City	貿易 Trading	100		投資 investment
蚌埠中建材信息顯示材料有限公司 Bengbu China National Building Materials Information Display Materials Co., Ltd.	蚌埠市 Bengbu City	蚌埠市 Bengbu City	生產、銷售 Producing and selling	100		同一控制下企業 合併 business combination under common control
中建材(合肥)新能源有限公司 CNBM (Hefei) New Energy Company Limited*	合肥市 Hefei City	合肥市 Hefei City	生產、銷售 Producing and selling	100		同一控制下企業 合併 business combination under common control
中國建材桐城新能源材料有限公司 CNBM (Tongcheng) New Energy Materials Company Limited*	桐城市 Tongcheng City	桐城市 Tongcheng City	生產、銷售 Producing and selling	100		同一控制下企業 合併 business combination under common control
中建材(宜興)新能源有限公司 CNBM (Yixing) New Energy Company Limited*	宜興市 Yixing City	宜興市 Yixing City	生產、銷售 Producing and selling	70.99		同一控制下企業 合併 business combination under common control

VI. Interests in Other Entities

1. Interests in subsidiaries

(1) The constitution of the Group

六. 在其他主體中的權益(續)

1. 在子公司中的權益(續)

(2) 重要的非全資子公司

子公司名稱	少數股東 持股比例	本期歸屬於 少數股東的損益 Profit and loss attributable to non-controlling shareholders for the current period	本期向少數股東 宣告分派的股利 Dividend paid to non-controlling shareholders for the current period	期末少數 股東權益餘額 Equity balance for non-controlling shareholders by the end of the period
Name of Subsidiary	Percentage of shareholdings of non-controlling shareholders (%)			
宜興新能源 Yixing New Energy	29.01	4,271,005.03		100,124,727.09

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

(3) 重要非全資子公司的主要財務信息

(3) Major accounting information on important non-wholly owned subsidiaries

子公司名稱	期末餘額 Closing balance						期初餘額 Opening balance					
	流動資產 Current assets	非流動資產 Non-current assets	資產合計 Total assets	流動負債 Current liabilities	非流動負債 Non-current liabilities	負債合計 Total liabilities	流動資產 Current assets	非流動資產 Non-current assets	資產合計 Total assets	流動負債 Current liabilities	非流動負債 Non-current liabilities	負債合計 Total liabilities
宜興新能源 Yixing New Energy	433,581,812.73	515,749,849.24	949,331,661.97	534,192,995.69	70,000,000.00	604,192,995.69	355,155,871.14	482,276,257.40	837,432,128.54	410,090,242.64	90,000,000.00	500,090,242.64

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

子公司名稱	本期發生額 Operating results for the period				上期發生額 Operating results for the previous period			
	營業收入 Revenue	淨利潤 Net profit	綜合收益總額 Total comprehensive income	經營活動 現金流量 Cash flow for operating activities	營業收入 Revenue	淨利潤 Net profit	綜合收益總額 Total comprehensive income	經營活動 現金流量 Cash flow for operating activities
宜興新能源 Yixing New Energy	155,407,634.85	10,582,092.83	10,582,092.83	-55,153,882.22	133,120,906.46	4,592,934.36	4,592,934.36	-111,378,914.18

六. 在其他主體中的權益(續)

2. 在子公司的所有者權益份額發生變化且仍控制子公司的交易

- (1) 在子公司所有者權益份額的變化情況的說明：

本公司向合肥高新建設投資集團公司發行3,029,276股股份以購買其所持合肥新能源23.08%的股權、向宜興環保科技創新創業投資有限公司和協鑫集成科技股份有限公司分別發行1,877,247股股份、1,065,338股股份以購買其所持宜興新能源19.99%的股權。

- (2) 交易對於少數股東權益及歸屬於母公司所有者權益的影響：

VI. Interests in Other Entities (Continued)

2. Equity interest transfer with changes to proportion of equity ownership for subsidiaries without losing control

- (1) Explanation on changes to proportion of equity interest ownership for subsidiaries:

The Company issued 3,029,276 shares to Hefei Gaoxin Development and Investment Group Company for acquisition of the 23.08% interest in Hefei New Energy, and issued 1,877,247 shares to Yixing Environmental Technology Innovation Venture Investment Co., Ltd. and 1,065,338 shares to GCL System Integration Technology Co., Ltd for acquisition of the 19.99% interest in Yixing New Energy.

- (2) Effect of the transactions on minority interests and equity interest attributable to the owners of the Company:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

		合肥新能源 Hefei New Energy	宜興新能源 Yixing New Energy
購買成本/處置對價	Acquisition costs/disposal considerations		
—現金	— cash		
—非現金資產的公允價值	— Fair value of non-cash assets		
發行權益證券的公允價值	Fair value of equities issued	71,036,538.46	69,003,644.59
購買成本/處置對價合計	Total acquisition costs/disposal considerations	71,036,538.46	69,003,644.59
	Less: Share in subsidiaries' net assets based on acquired/disposed shareholding proportion		
減：按取得/處置的股權比例計算的子公司淨資產份額		49,851,678.74	68,078,998.93
差額	Balance	21,184,859.72	924,645.66
其中：調整資本公積	Including: Capital reserve adjusted	21,184,859.72	924,645.66
調整盈餘公積	Surplus reserve adjusted		
調整未分配利潤	Retained profit adjusted		

七. 與金融工具相關的風險

1. 財務風險因素

本公司的業務涉及多種財務風險：市場風險(包括外匯風險、利率風險)、信用風險及流動性風險。本公司的整體風險管理程序集中在金融市場上不可預料的因素，並尋求方法把影響本公司財政表現的潛在負面影響減至最低。該等風險乃受本公司下述財務管理政策及慣例所限。

1.1 市場風險

1.1.1 外匯風險

本公司的匯兌風險主要來自銀行存款及借款在記賬本位幣以外的貨幣。引致風險之貨幣主要為美元、歐元及港幣。

本公司於2018年1-6月之外匯交易較少。因此，本公司管理層預期並無任何未來商業交易會引致重大外匯風險。

1.1.2 利率風險

本公司的利率風險主要來自銀行及其他借款以及銀行存款。由於本公司大部分之費用及經營現金流均與市場利率變化並無重大關聯，因此定息之銀行借款並不會受市場利率變化而作出敏感反應。本公司以往並沒有使用任何金融工具對沖潛在的利率浮動。

本公司因利率變動引起金融工具公允價值變動的風險主要與浮動利率銀行借款有關。對於浮動利率借款，本公司的目標是保持其浮動利率，以消除利率變動的公允價值風險。

VII. Risks Relating to Financial Instruments

1. Financial risks

The business of the Company involves various financial risks: market risk (inclusive of foreign exchange risk and interest rate risk), credit risk and liquidity risk. The overall risk management procedure of the Company focus on unpredictable factors in financial market, and aims to seek methods to minimize potential negative effects that will affect the financial performance of the Company. Such kinds of risks are limited by following financial management policies and practice of the Company.

1.1 Market risk

1.1.1 Foreign exchange risk

The exchange risk of the Company mainly comes from bank deposit and loan out of the range of recording currency. The main currencies that incur risks include U.S. dollar, Euro and HK dollar.

There have been little foreign exchange transactions in January to June 2018 by the Company. Therefore, the management of the Company anticipates there is no commercial transaction in the future that will incur major foreign exchange risks.

1.1.2 Interest rate risk

The interest rate risk of the Company mainly comes from bank and otherwise loan and bank deposit. Since most expenses and operating cash flow of the Company is not hugely relevant to the changes in market interest rates, fixed interest bank loan will not have sensitive reaction with the changes in market interest rates. The Company had never hedged potentially floating rate with any financial instrument before.

The Company's risk of changes in fair value of financial instruments resulted from the changes in interest rates was mainly associated with floating-rate bank loans, for which the Company aims to maintain those floating rates to eliminate fair value risks arising from changes in interest rate.

七. 與金融工具相關的風險(續)

1. 財務風險因素(續)

1.2 信用風險

本公司的信用風險主要來自客戶的信用風險，包括未償付的應收款項和已承諾交易。本公司也對某些子公司提供財務擔保。

本公司的大部分銀行存款及現金存放於有高度信貸評級的金融機構。由於這些銀行都有高度的信貸評級，本公司認為該等資產不存在重大的信用風險。

此外，對於應收票據及應收賬款、其他應收款，本公司基於財務狀況、歷史經驗及其他因素來評估客戶的信用品質。本公司定期評估客戶的信用品質並且認為在財務報表中已經計提了足額壞賬準備。本公司認為不存在由於對方違約帶來的進一步損失。

信用風險集中按照客戶和行業進行管理。信用風險集中的情況主要源自本公司存在對個別客戶的重大應收款項。於資產負債表日，本公司的前五大客戶的應收賬款佔本公司應收賬款總額(未扣除壞賬準備)的38.69%。本公司對應收賬款餘額未持有任何擔保物或其他信用增級。

VII. Risks Relating to Financial Instruments (Continued)

1. Financial risks (Continued)

1.2 Credit risk

The credit risk of the Company mainly comes from credit exposures of customers, including outstanding receivables and committed transactions. The company also provided financial guarantees for certain subsidiaries.

Most of the Company's deposits and cash are placed with financial institutions with high credit ratings. Due to the high credit ratings of these banks, the Company was of the view that such assets are not exposed to significant credit risks.

With regard to bills and account receivables as well as other receivables, the Company assesses the credit quality of the customers, taking into account their financial positions, past experience and other factors. The Company performs periodic credit evaluations of its customers and believes that adequate provision for impairment of receivables have been made in the financial statements. The Company does not expect any further losses from non-performance by these counterparties.

Credit risks are centrally managed by customers and industries. Therefore, the concentration of credit risk is mainly due to the large account receivable of the Company payable by individual client. As of the balance sheet date, the account receivable of the Company payable by the top five clients has accounted for 38.69% of the total amount of account receivable of the Company (without deducting bad debt reserve). The Company does not have any other collateral or credit enhancement arrangements for the outstanding receivables.

七. 與金融工具相關的風險(續)

1. 財務風險因素(續)

1.3 流動性風險

本公司內各子公司負責其自身的現金流量預測。公司財務部門在匯總各子公司現金流量預測的基礎上，在集團層面持續監控短期和長期的資金需求，以確保維持正常經營的現金及現金等價物。同時，獲取控股股東提供財務資助之承諾，以滿足短期和長期的資金需求。本公司管理層對借款的使用情況進行監控並確保遵守借款協議。

本公司持有的金融負債按未折現剩餘合同義務的到期期限分析如下：

VII. Risks Relating to Financial Instruments (Continued)

1. Financial risks (Continued)

1.3 Liquidity risk

Within the Company, each subsidiary is responsible for its own cash flow forecast. Based on the summary of the cash flow forecast of each subsidiary, the company's finance department should keep continuous monitoring of the short-term and long-term funding needs at the Company level in order to ensure that it maintains cash and cash equivalents of normal operations. Meanwhile, it should have access to the controlling shareholder and actual controller commitment to provide financial assistance to meet short-term and long-term funding needs. The management of the Company is responsible to monitor the usage of borrowings and ensures compliance with loan agreements.

Financial liabilities held by the Company is analyzed dependent on maturity date of the undiscounted remaining contractual obligations:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	1年以內 Within 1 year	1至5年 1 to 5 years	合計 Total
短期借款(含利息)	Short-term loans(including interests)	838,911,535.22		838,911,535.22
應付賬款	Accounts payables	519,089,596.38		519,089,596.38
其他應付款	Other payables	289,941,720.77		289,941,720.77
一年內到期的其他非流動負債(含利息)	Other non-current liabilities due within one year (including interests)	208,267,366.33		208,267,366.33
長期借款(含利息)	Long-time loans (including interests)		346,940,975.52	346,940,975.52
金融負債合計	Total financial liability	1,856,210,218.70	346,940,975.52	2,203,151,194.22

七. 與金融工具相關的風險(續)

2. 資本管理

本公司資本管理的主要目標是確保本公司持續經營能力，並保持健康的資本比率，以支持業務發展並使股東價值最大化。

本公司管理資本結構並根據經濟形勢以及相關資產的風險特徵的變化對其進行調整。為維持或調整資本結構，本公司可以調整對股東的利潤分配、向股東歸還資本或發行新股。於2018年1-6月和2017年度，資本管理的目標、政策或程序未發生變化。

本公司採用槓桿比率來管理資本，槓桿比率是指淨負債和調整後資本加淨負債的比率。淨負債指短期借款和長期借款，扣除貨幣資金。資本為權益性資本，本公司於資產負債表日的槓桿比率如下：

VII. Risks Relating to Financial Instruments (Continued)

2. Capital management

The main objective of the Company's capital management is to ensure the Company's continuing operating capability and maintain a healthy capital ratio in order to support its business development and maximize the value of its shareholders.

The Company manages its capital structure and makes adjustments to it according to changes in the economic situation and the risk characteristics of underlying assets. In order to maintain or adjust the capital structure, the Company can adjust the distribution of profits to shareholders, return capital to shareholders or issue new shares. In January to June 2018 and 2017, the objectives, policies, or procedures for capital management have not changed.

The Company uses gearing ratio to manage capital, and gearing ratio refers to the ratio of net liabilities and adjusted capital plus net liabilities. Net liabilities refer to short-term loans and long-term loans less monetary funds. The capital is equity capital. The gearing ratio of the Company on the balance sheet date is as follows:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	2018年6月30日 30 June 2018	2017年12月31日 31 December 2017
短期借款	Short-term loans	813,234,000.00	812,509,000.00
一年內到期的長期借款	Long-term loans due within one year	197,080,091.76	196,946,248.22
長期借款	Long-term loans	314,347,730.00	370,796,745.65
小計	Subtotal	1,324,661,821.76	1,380,251,993.87
減：貨幣資金	Less: monetary funds	179,161,146.31	204,245,757.54
淨負債	Net liabilities	1,145,500,675.45	1,176,006,236.33
股東權益	Shareholders' equity	1,362,829,223.53	1,346,188,954.10
槓桿比率	Gearing ratio	45.67%	46.63%

八. 公允價值的披露

根據在公允價值計量中對計量整體具有重大意義的最低層級的輸入值，公允價值層級可分為：

第一層級：相同資產或負債在活躍市場上(未經調整)的報價。

第二層級：直接(比如取自價格)或間接(比如根據價格推算的)可觀察到的、除第一層級中的市場報價以外的資產或負債的輸入值。

第三層級：以可觀察到的市場數據以外的變量為基礎確定的資產或負債的輸入值(不可觀察輸入值)。

於2018年6月30日，本公司除其他權益工具投資之外無任何以公允價值入賬之金融工具。由於本公司持有的其他權益工具投資均為非上市股權投資，將其列入第三層級的金融工具，採用估值技術確定其公允價值，所使用的估值模型主要為現金流量折現模型，估值技術的輸入值主要包括預期收益、預期收益期限及加權平均資本成本等。於2018年6月30日，列入第三層級的其他權益工具投資的公允價值為0。

截至2018年6月30日止半年度，第一級及第二級金融工具之間並無任何重大轉移。

VIII. Disclosure of Fair Value

According to the input values which are significant to the overall fair value measurement, the fair value hierarchy could be divided into:

Level one: The (unadjusted) quoted prices in active markets for identical assets or liabilities.

Level two: Directly (e.g. taken from the prices) or indirectly (e.g. derived from prices) observable input values for the assets or liabilities other than the market quotes in the level one.

Level three: The (unobservable) input values for the assets or liabilities as determined by the variables other than observable market data.

As at 30 June 2018, the Company did not have any financial instruments that are accounted for by fair value measurements except for other equity investments. As other equity investments held by the Company are all unlisted, they are included in level three and their fair values are determined by using valuation techniques. The valuation model used was mainly discounted cash flow model, and input values for the valuation techniques mainly included expected return, expected return-generating duration, weighted average cost of capital, etc. As at 30 June 2018, the fair value of other equity investments included in level three was nil.

For the half year ended 30 June 2018, there were not any significant transfers between level one and level two financial instruments.

九. 關聯方關係及其交易

1. 本企業的母公司情況

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

母公司名稱	註冊地	業務性質	註冊資本	母公司對 本企業的 持股比例	母公司對 本企業的 表決權比例
Name of parent company	Place of Registration	Nature of business	Registered capital	Shareholding ratio in the Company by parent company (%)	Ratio of voting rights of the parent company in the Company (%)
中國洛陽浮法玻璃集團有限責任公司 China Luoyang Float Glass (Group) Company Limited	中國洛陽 Luoyang, China	玻璃及相關原材料、成套設備製造 Manufacturing of glass and related raw materials, whole-set equipment	1,286,740,000.00	20.56	20.56

企業最終控制方是中國建材集團有限公司

The ultimate controller of this enterprise is China National Building Materials Group Co., Ltd.

2. 本企業的子分公司情況

詳見附註「六、在其他主體中的權益」。

2. Subsidiaries of the Company

For details, please refer to Note VI. Interests in Other Entities.

IX. The Relationships and Transactions Among Related Parties

1. Parent company of the Company

九. 關聯方關係及其交易(續)

3. 其他關聯方情況

其他關聯方名稱

Name of other related parties

凱盛科技集團有限公司
Triumph Technology Group Company
洛陽晶潤鍍膜玻璃有限公司
CLFG Luoyang Jingrun Coating Glass Co., Ltd.
洛陽新晶潤工程玻璃有限公司
Luoyang New Jingrun Engineering Glass Co., Ltd.
洛玻(北京)國際工程有限公司
CLFG (Beijing) International Engineering Co., Ltd.
洛陽洛玻物流有限公司
CLFG Warehousing & Logistics Company Limited
洛陽玻纖玻璃纖維有限公司
Luoyang Boxian Glass Fibre Co., Ltd.
洛玻集團洛陽龍昊玻璃有限公司
CLFG Longhao Glass Co. Ltd.
洛陽洛玻玻璃纖維有限公司
Luoyang Luobo Glass Fibre Co., Ltd.
沂南華盛礦產實業有限公司
Yinan Huasheng Mineral Products Industry Co., Ltd.
登封紅寨硅砂有限公司
Dengfeng Hongzhai Silicon Co., Ltd.
中國建材國際工程集團有限公司
China Triumph International Engineering Co., Ltd.
安徽省蚌埠華益導電膜玻璃有限公司
Anhui Bengbu Huayi Conductive Film Glass Co., Ltd.
凱盛科技股份有限公司
Triumph Science & Technology Co., Ltd

IX. The Relationships and Transactions Among Related Parties (Continued)

3. Other related parties

其他關聯方與本企業關係

Relationship with the Company

母公司的控股股東
Controlling shareholder of the parent company
母公司的控股子公司
Controlled subsidiary of the parent company
母公司的控股子公司
Controlled subsidiary of the parent company
母公司的全資子公司
Wholly-owned subsidiary of the parent company
母公司的全資子公司
Wholly-owned subsidiary of the parent company
母公司的控股子公司
Controlled subsidiary of the parent company
母公司的控股子公司
Controlled subsidiary of the parent company
母公司的控股子公司
Controlled subsidiary of the parent company
母公司的控股子公司
Controlled subsidiary of the parent company
集團兄弟公司
Brother company of the Company
集團兄弟公司
Brother company of the Company
集團兄弟公司
Brother company of the Company

九. 關聯方關係及其交易(續)

IX. The Relationships and Transactions Among Related Parties (Continued)

3. 其他關聯方情況(續)

3. Other related parties

其他關聯方名稱

Name of other related parties

其他關聯方與本企業關係

Relationship with the Company

深圳市凱盛科技工程有限公司	集團兄弟公司
CTIEC Shenzhen Scieno-tech Engineering Company	Brother company of the Company
蚌埠凱盛工程技術有限公司	集團兄弟公司
China Triumph Bengbu Engineering and Technology Company Limited	Brother company of the Company
江蘇中建材環保研究院有限公司	集團兄弟公司
Jiangsu CTIEC Environmental Protection Research Institute Co., Ltd.	Brother company of the Company
中意凱盛(蚌埠)玻璃冷端機械有限公司	集團兄弟公司
Sino-Italian CTIEC (Bengbu) Glass Cold-End Machinery Company Limited	Brother company of the Company
安徽華光光電材料科技集團有限公司	集團兄弟公司
Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd	Brother company of the Company
蚌埠化工機械製造有限公司	集團兄弟公司
Bengbu Chemical Machinery Manufacturing Co., Ltd.*	Brother company of the Company
中建材(蚌埠)光電材料有限公司	集團兄弟公司
CNBM (Bengbu) Photoelectricity Materials Co., Ltd.	Brother company of the Company
中建材凱盛機器人(上海)有限公司	集團兄弟公司
CNBM Triumph Robotics (Shanghai) Co., Ltd.	Brother company of the Company
上海凱盛朗坤信息技術股份有限公司	集團兄弟公司
Shanghai CTIEC Luculent Information Technology Co., Ltd.*	Brother company of the Company
中材科技股份有限公司	集團兄弟公司
Sinoma Science & Technology Co., Ltd.	Brother company of the Company

九. 關聯方關係及其交易(續)

3. 其他關聯方情況(續)

其他關聯方名稱

Name of other related parties

中建材蚌埠玻璃工業設計研究院有限公司
 CNBM Bengbu Design & Research Institute for Glass Industry Co., Ltd.
 中建材凱盛機器人(上海)有限公司
 CNBM Triumph Robotics (Shanghai) Co., Ltd.*
 蚌埠中光電科技有限公司
 Bengbu China Optoelectronics Technology Co., Ltd.
 泰山石膏(河南)有限公司
 Taishan Plaster (Henan) Co., Ltd.
 江蘇凱瑞鎢光伏科技有限公司
 Jiangsu Kairui Technetium Photovoltaic Technology Co., Ltd.
 瑞泰科技股份有限公司
 Ruitai Materials Technology Co., Ltd.
 凱盛光伏材料有限公司
 Triumph Photovoltaic Materials Ltd.
 凱盛石英材料(黃山)有限公司
 Triumph Quartz Material (Huangshan) Co., Ltd.
 中建材輕工業自動化研究所有限公司
 CNBM Research Institute For Automation of Light Industry Co., Ltd.
 中航三鑫太陽能光電玻璃有限公司
 AVIC Sanxin PV Solar Glass Co., Ltd.
 安徽天柱綠色能源科技有限公司
 Anhui Tianzhu Green Energy Sources Technology Co., Ltd.
 中建材浚鑫科技有限公司
 CNBM Jetion Solar (China) Co., Ltd.
 皓天財經集團有限公司
 Wonderful Sky Financial Group Limited
 遠東光電股份有限公司
 Far East Opto-Electronics Co., Ltd.

IX. The Relationships and Transactions Among Related Parties (Continued)

3. Other related parties (Continued)

其他關聯方與本企業關係

Relationship with the Company

集團兄弟公司
 Brother company of the Company
 集團兄弟公司
 Brother company of the Company
 集團兄弟公司
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 其他
 Others
 集團兄弟公司
 Brother company of the Company
 集團兄弟公司
 Brother company of the Company
 其他
 Others
 其他
 Others
 其他
 Others

九. 關聯方關係及其交易(續)

4. 關聯交易情況

(1) 購銷商品、提供和接受勞務的關聯交易

採購商品/接受勞務情況表

IX. The Relationships and Transactions Among Related Parties (Continued)

4. Related party transactions

(1) Related party transactions regarding purchase and sales of commodity, provision and receiving of labor service

Table of purchase of commodity/receiving of labor service

單位：元 幣種：人民幣

Unit: Yuan Currency: RMB

關聯方 Related party	關聯交易內容 Content of related party transactions	本期發生額 Amount for the current period	上期發生額 Amount for the previous period
中建材蚌埠玻璃工業設計研究院有限公司 CNBM Bengbu Design & Research Institute for Glass Industry Co., Ltd	原材料 Raw materials	7,133,185.60	449,197.86
中建材蚌埠玻璃工業設計研究院有限公司 CNBM Bengbu Design & Research Institute for Glass Industry Co., Ltd	電力、服務 Electricity, services	286,867.08	349,056.60
中建材蚌埠玻璃工業設計研究院有限公司 CNBM Bengbu Design & Research Institute for Glass Industry Co., Ltd	固定資產及在建工程 Fixed assets and construction in progress	66,037.74	
蚌埠凱盛工程技術有限公司 China Triumph Bengbu Engineering and Technology Company Limited	原材料 Raw materials	279,173.45	70,512.80
蚌埠凱盛工程技術有限公司 China Triumph Bengbu Engineering and Technology Company Limited	服務 Services	10,256.41	
蚌埠凱盛工程技術有限公司 China Triumph Bengbu Engineering and Technology Company Limited	固定資產及在建工程 Fixed assets and construction in progress	460,512.82	
中國洛陽浮法玻璃集團有限責任公司 China Luoyang Float Glass (Group) Company Limited	利息支出 Interests expenditure	500,708.29	1,211,578.78
蚌埠化工機械製造有限公司 Bengbu Chemical Machinery Manufacturing Co., Ltd.*	原材料 Raw materials	3,783,393.27	4,164,749.80
蚌埠化工機械製造有限公司 Bengbu Chemical Machinery Manufacturing Co., Ltd.*	固定資產及在建工程 Fixed assets and construction in progress	697,785.88	
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	原材料 Raw materials	63,849,471.82	58,153,240.92
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	利息支出 Interests expenditure	2,734,291.57	1,319,838.33
中國建材國際工程集團有限公司 China Triumph International Engineering Co., Ltd.	原材料 Raw materials	10,641,766.62	6,195,431.40
中國建材國際工程集團有限公司 China Triumph International Engineering Co., Ltd.	固定資產及在建工程 Fixed assets and construction in progress	94,998,127.83	15,009,151.67

九. 關聯方關係及其交易(續)

4. 關聯交易情況(續)

(1) 購銷商品、提供和接受勞務的關聯交易(續)

採購商品/接受勞務情況表(續)

IX. The Relationships and Transactions Among Related Parties (Continued)

4. Related party transactions (Continued)

(1) Related party transactions regarding purchase and sales of commodity, provision and receiving of labor service (Continued)

Table of purchase of commodity/receiving of labor service (Continued)

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

關聯方 Related party	關聯交易內容 Content of related party transactions	本期發生額 Amount for the current period	上期發生額 Amount for the previous period
洛玻集團洛陽龍昊玻璃有限公司 CLFG Longhao Glass Co. Ltd.	原材料 Raw materials	641,995.80	
中建材凱盛機器人(上海)有限公司 CNBM Triumph Robotics (Shanghai) Co.,	固定資產及在建工程 Fixed assets and construction in progress	1,374,700.85	
中建材凱盛機器人(上海)有限公司 CNBM Triumph Robotics (Shanghai) Co.,	原材料 Raw materials	2,051.28	8,205.13
上海凱盛朗坤信息技術股份有限公司 Shanghai CTIEC Luculent Information Technology Co., Ltd.*	固定資產及在建工程 Fixed assets and construction in progress	2,497,097.29	773,504.30
安徽華光光電材料科技集團有限公司 Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd.	原材料 Raw materials	1,927,976.37	
深圳市凱盛科技工程有限公司蚌埠分公司 CTIEC Shenzhen Scieno-tech Engineering Company Bengbu Branch	固定資產及在建工程 Fixed assets and construction in progress	2,564,102.55	
遠東光電股份有限公司 Far East Opto-Electronics Co.,Ltd.	電力 Electricity	713,792.14	251,614.49
中建材輕工業自動化研究所有限公司 CNBM Research Institute For Automation of Light Industry Co., Ltd.	原材料 Raw materials	283,409.24	420,588.89
中建材輕工業自動化研究所有限公司 CNBM Research Institute For Automation of Light Industry Co., Ltd.	固定資產及在建工程 Fixed assets and construction in progress	49,743.59	
中意凱盛(蚌埠)玻璃冷端機械有限公司 Sino-Italian CTIEC (Bengbu) Glass Cold-End Machinery Company Limited	原材料 Raw materials		39,307.69
登封紅寨硅砂有限公司 Dengfeng Hongzhai Silicon Co., Ltd.	原材料 Raw materials		814,687.63
皓天財經集團有限公司 Wonderful Sky Financial Group Limited	公告服務費 Service fees for announcements	1,924,467.48	1,586,660.00
中材科技股份有限公司 Sinoma Science & Technology Co., Ltd.	固定資產及在建工程 Fixed assets and construction in progress		36,656.41
中航三鑫太陽能光電玻璃有限公司 AVIC Sanxin PV Solar Glass Co., Ltd.	固定資產及在建工程 Fixed assets and construction in progress		28,205.13
安徽天柱綠色能源科技有限公司 Anhui Tianzhu Green Energy Sources Technology Co., Ltd.	固定資產及在建工程 Fixed assets and construction in progress		3,247,863.24
凱盛石英材料(黃山)有限公司 Triumph Quartz Material (Huangshan) Co., Ltd.	原材料 Raw materials		2,571,392.13

九. 關聯方關係及其交易(續)

4. 關聯交易情況(續)

(1) 購銷商品、提供和接受勞務的關聯交易(續)

出售商品/提供勞務情況表

IX. The Relationships and Transactions Among Related Parties (Continued)

4. Related party transactions (Continued)

(1) Related party transactions regarding purchase and sales of commodity, provision and receiving of labor service (Continued)

Table of disposal of commodity/provision of labor service

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

關聯方 Related party	關聯交易內容 Content of related party transactions	本期發生額 Amount for the current period	上期發生額 Amount for the previous period
中建材蚌埠玻璃工業設計研究院有限公司 CNBM Bengbu Design & Research Institute for Glass Industry Co., Ltd	新能源玻璃 New energy glass	8,906,366.12	
安徽省蚌埠華益導電膜玻璃有限公司 Anhui Bengbu Huayi Conductive Film Glass Co., Ltd.	信息顯示玻璃 Information display glass	9,994,688.09	3,531,503.96
中國洛陽浮法玻璃集團有限責任公司 China Luoyang Float Glass (Group) Company Limited	房租、水電 Tenant and utilities	75,501.11	98,905.31
中國建材國際工程集團有限公司 China Triumph International Engineering Co., Ltd.	新能源玻璃 New energy glass	13,624,471.06	5,209,638.67
中建材浚鑫科技有限公司 CNBM Jexion Solar (China) Co.,Ltd.	新能源玻璃 New energy glass	9,414,700.21	16,224,595.94
洛玻集團洛陽龍昊玻璃有限公司 CLFG Longhao Glass Co. Ltd.	原材料 Raw materials		1,677,777.78
凱盛光伏材料有限公司 Triumph Photovoltaic Materials Ltd.	新能源玻璃 New energy glass	17,454.72	
遠東光電股份有限公司 Far East Opto-Electronics Co.,Ltd.	房租、水電 Tenant and utilities	3,373,689.09	3,130,571.18
凱盛科技股份有限公司 Triumph Technology Company Limited	信息顯示玻璃 Information display glass		469,923.60
蚌埠中光電科技有限公司 Bengbu China Optoelectronics Technology Co., Ltd	出售土地 Disposal of land		1,390,700.00
中建材(蚌埠)光電材料有限公司 CNBM (Bengbu) Photoelectricity Materials Co., Ltd.	出售土地 Disposal of land		557,900.00
中建材(蚌埠)光電材料有限公司 CNBM (Bengbu) Photoelectricity Materials Co., Ltd.	銷售原材料 Sale of raw materials		1,017,303.86
中建材(蚌埠)光電材料有限公司 CNBM (Bengbu) Photoelectricity Materials Co., Ltd.	技術服務 Technical Services		566,037.72
中航三鑫太陽能光電玻璃有限公司 AVIC Sanxin PV Solar Glass Co., Ltd.	新能源玻璃 New energy glass		15,312,462.42

註：本公司向關聯方購買、銷售商品和接受、提供勞務是基於市場價格協商確定並按本公司與關聯方簽訂的協議條款所執行。

Note: The purchase and sale of goods and the acceptance and provision of labor services by the Company from or to related parties are negotiated and determined based on market price and are carried out in accordance with the terms of the agreements signed between the Company and related parties.

九. 關聯方關係及其交易(續)

4. 關聯交易情況(續)

(1) 購銷商品、提供和接受勞務的關聯交易(續)

新納入合併範圍的合肥新能源、桐城新能源、宜興新能源以前年度簽訂合同本報告期尚未執行完畢的關聯交易

- 1) 合肥新能源2016年12月16日與上海朗坤信息技術股份有限公司簽訂智慧工廠項目，合同總金額為261萬元，其中2018年1-6月份發生額為92.44萬元(不含稅)，截至本報告期末尚有60.38萬元未執行完畢。
- 2) 桐城新能源與中國建材國際工程集團有限公司江蘇分公司於2017年2月5日簽訂土建及設備安裝合同2300萬元、廠房鋼結構合同1150萬元、設備材料合同5750萬元及深加工設計費合同80萬元，其中：2018年1-6月份發生額為1872.12萬元，截至本報告期末尚有6339萬元未執行完畢。
- 3) 桐城新能源與中建材凱盛機器人(上海)有限公司發生購買堆垛機器人設備業務，合同金額150萬元，2018年1-6月份付款14萬元，本報告期末尚有15萬元的質保金未付。
- 4) 宜興新能源與上海凱盛朗坤信息技術股份有限公司2017年6月份簽訂智慧工廠項目，合同總額364.2萬元，2018年1-6月份發生額184萬元，截至本報告期末尚有99萬元未執行完畢。

IX. The Relationships and Transactions Among Related Parties (Continued)

4. Related party transactions (Continued)

(1) Related party transactions regarding purchase and sales of commodity, provision and receiving of labor service (Continued)

Related party transactions which were entered into by Hefei New Energy, Tongcheng New Energy and Yixing New Energy (newly incorporated in the scope of consolidation) in previous years but not completed in the reporting period

- 1) On 16 December 2016, Hefei New Energy and Shanghai CTIEC Luculent Information Technology Co., Ltd.* (上海朗坤信息技術股份有限公司) entered into a contract in relation to the wisdom factory project with a total contract amount of RMB2.61 million, of which, RMB924,400 (exclusive of tax) was incurred in January to June 2018, and RMB603,800 was outstanding as at the end of the reporting period.
- 2) On 5 February 2017, Tongcheng New Energy and China Triumph International Engineering Co., Ltd. Jiangsu Branch entered into a contract in relation to the civil engineering and equipment installation with a contract amount of RMB23 million, a contract in relation to the steel structure workshop with a contract amount of RMB11.5 million, a contract in relation to the equipment and material with a contract amount of RMB57.5 million and a contract in relation to the deep processing and design fee with a contract amount of RMB800,000, of which RMB18,721,200 was incurred in January to June 2018, and RMB63,390,000 was outstanding as at the end of the reporting period.
- 3) Tongcheng New Energy purchased stacking robot equipment from CNBM Triumph Robotics (Shanghai) Co. with a contract amount of RMB1.5 million, of which RMB140,000 was paid in January to June 2018, and the performance bond amounting to RMB150,000 remained unsettled as at the end of the reporting period.
- 4) In June 2017, Yixing New Energy and Shanghai CTIEC Luculent Information Technology Co., Ltd.* entered into a contract in relation to the wisdom factory project with a total contract amount of RMB3,642,000, of which RMB1,840,000 was incurred in January to June 2018, and RMB990,000 was outstanding as at the end of the reporting period.

九. 關聯方關係及其交易(續)

4. 關聯交易情況(續)

(1) 購銷商品、提供和接受勞務的關聯交易(續)

- 5) 宜興新能源與中國建材國際工程集團有限公司江蘇分公司2016年11月5日簽訂設備材料供貨合同，合同總額6900萬元，其中：2018年1-6月份發生額903萬元，截至本報告期末尚有730萬元未執行完畢。
- 6) 宜興新能源與遠東光電股份有限公司2017年12月29日簽訂水電購銷合同，交易金額以雙方實際用量為準，交易價格以電力公司及水務集團的實際單價為準，2018年1-6月份實際發生額386.04萬元(不含稅)；2017年12月29日簽訂變電站租賃及房屋租賃合同，合同金額為51.35萬元，2018年1-6月份實際發生額22.70萬元(不含稅)。上述合同期限均為2018年1月1日—2018年12月31日。

本報告期與關聯方發生的貼現業務如下：

- 1) 宜興新能源2018年1-4月與蚌埠中光電科技有限公司共發生承兌貼現業務2093.13萬元，貼息45.35萬元。
- 2) 宜興新能源2018年2月份與中建材國際工程集團有限公司江蘇分公司共發生承兌貼現業務400萬元，貼息7.46萬元。

IX. The Relationships and Transactions Among Related Parties (Continued)

4. Related party transactions (Continued)

(1) Related party transactions regarding purchase and sales of commodity, provision and receiving of labor service (Continued)

- 5) On 5 November 2016, Yixing New Energy and China Triumph International Engineering Co., Ltd. Jiangsu Branch entered into a contract in relation to the equipment and materials supply with a total contract amount of RMB69 million, of which RMB9,030,000 was incurred in January to June 2018, and RMB7.3 million was outstanding as at the end of the reporting period.
- 6) On 29 December 2017, Yixing New Energy and Far East Opto-Electronics Co., Ltd. entered into a contract in relation to water and electricity purchase and sales. The contract amount was subject to the actual usage and the transaction price was subject to the actual unit price of the Electricity Company and the Water Affairs Group. Of the contract amount, RMB3,860,400 (exclusive of tax) was incurred in January to June 2018; on 29 December 2017, Yixing New Energy and Far East Opto-Electronics Co., Ltd. entered into a contract in relation to lease of substation and housing with a total contract amount of RMB513,500, of which RMB227,000 (exclusive of tax) was incurred in January to June 2018. The term for the above contracts is from 1 January 2018 to 31 December 2018.

The discount business conducted with the related parties during the reporting period is as follows:

- 1) In January to April 2018, Yixing New Energy and Bengbu China Optoelectronics Technology Co., Ltd conducted acceptance and discounting business of RMB20,931,300 with discounted interest of RMB453,500.
- 2) In February 2018, Yixing New Energy and China Triumph International Engineering Co., Ltd. Jiangsu Branch conducted acceptance and discounting business of RMB4 million with discounted interest of RMB74,600.

九. 關聯方關係及其交易(續)

4. 關聯交易情況(續)

(1) 購銷商品、提供和接受勞務的關聯交易(續)

- 3) 合肥新能源2018年1-3月份與凱盛石英材料(太湖)有限公司發生兩筆貼現業務，分別為266.29萬元和150萬元，貼息共計10.21萬元。
- 4) 合肥新能源2018年3月與中建材光電材料有限公司發生承兌貼現業務150萬元，貼息3.21萬元。

(2) 關聯租賃情況

本公司作為出租方：

IX. The Relationships and Transactions Among Related Parties (Continued)

4. Related party transactions (Continued)

(1) Related party transactions regarding purchase and sales of commodity, provision and receiving of labor service (Continued)

- 3) In January to March 2018, Hefei New Energy and Triumph Quartz Material (Taihu) Co., Ltd. conducted two discounting transactions in an amount of RMB2,662,900 and RMB1.5 million, respectively, with the total discounted interest of RMB102,100.
- 4) In March 2018, Hefei New Energy and CNBMG Photoelectric Material Co., Ltd. conducted acceptance business of RMB1.5 million with discounted interest of RMB32,100.

(2) Leasing between related parties

The Company as the lessor:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

承租方名稱	租賃資產種類	本期確認的租賃收入 Leasing revenue recognized in the period	上期確認的租賃收入 Leasing revenue recognized in the previous period
Name of lessee	Leasing asset		
中國洛陽浮法玻璃集團有限責任公司 China Luoyang Float Glass (Group) Company Limited	房屋 Housing	65,333.76	65,333.76
遠東光電股份有限公司 Far East Opto-Electronics Co., Ltd.	房屋租賃 Housing leasing	196,751.16	
遠東光電股份有限公司 Far East Opto-Electronics Co., Ltd.	變電站租賃 Substation leasing	62,083.38	

九. 關聯方關係及其交易(續)

4. 關聯交易情況(續)

(3) 關聯擔保情況

本公司作為被擔保方

IX. The Relationships and Transactions Among Related Parties (Continued)

4. Related party transactions (Continued)

(3) Related guaranty

The Company as the guaranteed party

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

擔保方	擔保金額	擔保起始日	擔保到期日	擔保是否 已經履行完畢
Guarantor	Amount under guaranty	Commencement date of the guaranty	Expiry date of the guaranty	Whether the guaranty been completed or not
凱盛科技集團有限公司、 遠東光電股份有限公司	30,000,000.00	2017年4月12日	2022年6月30日	否
Triumph Technology Group Co., Ltd.*, Far East Opto-Electronics Co., Ltd.		12 April 2017	30 June 2022	No
凱盛科技集團有限公司、 遠東光電股份有限公司	90,000,000.00	2017年4月12日	2022年6月30日	否
Triumph Technology Group Co., Ltd.*, Far East Opto-Electronics Co., Ltd.		12 April 2017	30 June 2022	No
凱盛科技集團有限公司、 遠東光電股份有限公司	50,000,000.00	2016年12月26日	2018年12月26日	否
Triumph Technology Group Co., Ltd.*, Far East Opto-Electronics Co., Ltd.		26 December 2016	26 December 2018	No
凱盛科技集團有限公司、 遠東光電股份有限公司	50,000,000.00	2017年4月12日	2020年4月30日	否
Triumph Technology Group Co., Ltd.*, Far East Opto-Electronics Co., Ltd.		12 April 2017	30 April 2020	No
凱盛科技集團有限公司	50,000,000.00	2018年2月26日	2019年2月26日	否
Triumph Technology Group Co., Ltd.*		26 February 2018	26 February 2019	No
凱盛科技集團有限公司	150,000,000.00	2018年3月21日	2019年3月22日	否
Triumph Technology Group Co., Ltd.*		21 March 2018	22 March 2019	No
凱盛科技集團有限公司	20,000,000.00	2017年11月28日	2018年11月28日	否
Triumph Technology Group Co., Ltd.*		28 November 2017	28 November 2018	No
凱盛科技集團有限公司	15,000,000.00	2017年7月21日	2018年7月21日	否
Triumph Technology Group Co., Ltd.*		21 July 2017	21 July 2018	No
凱盛科技集團有限公司	15,000,000.00	2017年7月24日	2018年7月24日	否
Triumph Technology Group Co., Ltd.*		24 July 2017	24 July 2018	No
凱盛科技集團有限公司	19,000,000.00	2017年9月8日	2018年9月8日	否
Triumph Technology Group Co., Ltd.*		8 September 2017	8 September 2018	No
凱盛科技集團有限公司	30,000,000.00	2017年10月25日	2018年10月25日	否
Triumph Technology Group Co., Ltd.*		25 October 2017	25 October 2018	No
凱盛科技集團有限公司	30,000,000.00	2017年10月13日	2018年10月12日	否
Triumph Technology Group Co., Ltd.*		13 October 2017	12 October 2018	No

九. 關聯方關係及其交易(續)

4. 關聯交易情況(續)

(3) 關聯擔保情況(續)

本公司作為被擔保方(續)

IX. The Relationships and Transactions Among Related Parties (Continued)

4. Related party transactions (Continued)

(3) Related guaranty (Continued)

The Company as the guaranteed party (Continued)

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

擔保方	擔保金額	擔保起始日	擔保到期日	擔保是否 已經履行完畢
Guarantor	Amount under guaranty	Commencement date of the guaranty	Expiry date of the guaranty	Whether the guaranty been completed or not
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	20,000,000.00	2017年12月12日 12 December 2017	2018年12月12日 12 December 2018	否 No
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	30,000,000.00	2018年2月7日 7 February 2018	2019年2月7日 7 February 2019	否 No
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	50,000,000.00	2018年1月9日 9 January 2018	2018年12月9日 9 December 2018	否 No
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	55,500,000.00	2018年1月19日 19 January 2018	2019年1月19日 19 January 2019	否 No
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	100,000,000.00	2016年12月8日 8 December 2016	2019年12月8日 8 December 2019	否 No
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	100,000,000.00	2017年4月12日 12 April 2017	2022年4月12日 12 April 2022	否 No
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	50,000,000.00	2017年11月8日 8 November 2017	2022年11月8日 8 November 2022	否 No
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	29,980,000.00	2018年2月12日 12 February 2018	2019年2月11日 11 February 2019	否 No
中國建材集團有限公司 China National Building Materials Group Corporation	8,750,000.00	2017年11月14日 14 November 2017	2018年11月2日 2 November 2018	否 No
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	76,880,000.00	2018年2月14日 14 February 2018	2019年2月13日 13 February 2019	否 No
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	57,600,000.00	2018年1月26日 26 January 2018	2019年1月26日 26 January 2019	否 No
中國建材集團有限公司 China National Building Materials Group Corporation	60,624,000.00	2018年2月14日 14 February 2018	2019年2月13日 13 February 2019	否 No
凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	100,000,000.00	2018年1月10日 10 January 2018	2019年1月10日 10 January 2019	否 No
中建材蚌埠玻璃工業設計研究院有限公司 CNBM Bengbu Design & Research Institute for Glass Industry Co., Ltd	290,000,000.00	2015年3月26日 26 March 2015	2023年12月14日 14 December 2023	否 No

九. 關聯方關係及其交易(續)

4. 關聯交易情況(續)

(4) 關鍵管理人員報酬

項目	Item	本期發生額 Amount for the current period	上期發生額 Amount for the previous period
關鍵管理人員報酬	Remuneration of key management personnel	903,244.69	793,701.83

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

IX. The Relationships and Transactions Among Related Parties (Continued)

4. Related party transactions (Continued)

(4) Remuneration of key management personnel

(5) 其他關聯交易

關聯方委託貸款情況

截止2018年6月30日，本公司通過銀行向子公司提供委託貸款205,000,000.00元。

關聯方財務資助

2018年1-6月，洛玻集團直接為本公司提供資金資助累計金額為223,027,556.60元，(其中：2018年1-3月份洛玻集團為新納入合併範圍的公司合肥新能源提供資助72,900,000.00元、宜興新能源提供資助18,000,000.00元)。本公司累計償還金額為287,868,203.62元，資金資助的年利率為4.35%。

(5) Other related party transactions

Entrusted loans of related parties

As of 30 June 2018, the entrusted loans provided by the Company through banks to its subsidiaries amounted to RMB205,000,000.00.

Financial assistance of related parties

In the period from January to June 2018, CLFG provided an aggregate fund of RMB223,027,556.60 directly to the Company, of which RMB72,900,000.00 was provided to Hefei New Energy and RMB18,000,000.00 was provided to Yixing New Energy in January to March 2018. Both of the above two companies were newly incorporated into the scope of consolidation. A total of RMB287,868,203.62 was repaid by the Company, with an annual interest rate of 4.35%.

九. 關聯方關係及其交易(續)

5. 關聯方應收應付款項

(1) 應收項目

IX. The Relationships and Transactions Among Related Parties (Continued)

5. Receivables and payables of related parties

(1) Receivables

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目名稱	關聯方	期末餘額		期初餘額	
		賬面餘額	壞賬準備	賬面餘額	壞賬準備
Project name	Related party	Carrying amount	Provision for bad debts	Carrying amount	Provision for bad debts
應收票據	蚌埠凱盛工程技術有限公司			10,000,000.00	
Bills receivable	China Triumph Bengbu Engineering and Technology Company Limited				
應收賬款	安徽省蚌埠華益導電膜玻璃有限公司	26,303,443.12	526,068.86	25,372,807.55	
Accounts receivable	Anhui Bengbu Huayi Conductive Film Glass Co., Ltd.				
應收賬款	凱盛科技股份有限公司	0.01	0.00	11,092.33	
Accounts receivable	Triumph Technology Company Limited				
應收賬款	洛玻集團洛陽龍昊玻璃有限公司	1,963,000.00	39,260.00	1,963,000.00	
Accounts receivable	CLFG Longhao Glass Co. Ltd.				
應收賬款	遠東光電股份有限公司	372,879.00	7,457.58	372,879.00	
Accounts receivable	Far East Opto-Electronics Co., Ltd.				
應收賬款	中國建材國際工程集團有限公司	15,804,433.07	316,088.66	46.64	
Accounts receivable	China Triumph International Engineering Co., Ltd.				
應收賬款	中航三鑫太陽能光電玻璃有限公司	75,152.05	1,503.04	1,875,152.05	
Accounts receivable	AVIC Sanxin PV Solar Glass Co., Ltd.				
應收賬款	中建材(蚌埠)光電材料有限公司	545,878.05	10,917.56	545,878.05	
Accounts receivable	CNBM (Bengbu) Photoelectricity Materials Co., Ltd.				
應收賬款	中建材浚鑫科技有限公司	11,037,247.48	220,744.95	80,717,243.01	
Accounts receivable	CNBM Jetion Solar (China) Co., Ltd.				
預付賬款	安徽華光光電材料科技集團有限公司	2,166.62			
Prepayment	Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd.				
預付賬款	蚌埠凱盛工程技術有限公司	200.00		164,032.48	
Prepayment	China Triumph Bengbu Engineering and Technology Company Limited				
預付賬款	凱盛科技集團有限公司	4,629,603.97		1,322,451.39	
Prepayment	Triumph Technology Group Co., Ltd.*				

九. 關聯方關係及其交易(續)

5. 關聯方應收應付款項(續)

(1) 應收項目(續)

IX. The Relationships and Transactions Among Related Parties (Continued)

5. Receivables and payables of related parties (Continued)

(1) Receivables (Continued)

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目名稱	關聯方	期末餘額		期初餘額	
		賬面餘額	壞賬準備	賬面餘額	壞賬準備
Project name	Related party	Closing balance at the end of the period	Provision for bad debts	Opening balance at the beginning of the period	Provision for bad debts
預付賬款	遠東光電股份有限公司	452,104.88		726,981.68	
Prepayment	Far East Opto-Electronics Co., Ltd.				
預付賬款	瑞泰科技股份有限公司			137,940.00	
Prepayment	Ruitai Technology Co., Ltd.				
預付賬款	中建材蚌埠玻璃工業設計研究院有限公司	143,470.94			
Prepayment	CNBM Bengbu Design & Research Institute for Glass Industry Co., Ltd				
預付賬款	中意凱盛(蚌埠)玻璃冷端機械有限公司	1,367.52			
Prepayment	Sino-Italian CTIEC (Bengbu) Glass Cold-End Machinery Company Limited				
其他應收款	凱盛科技集團有限公司	44,000.00	880.00		
Other receivables	Triumph Technology Group Co., Ltd.*				
其他應收款	洛陽玻纖玻璃纖維有限公司			150,738.92	
Other receivables	Luoyang Boxian Glass Fibre Co., Ltd.				
其他應收款	中國建材國際工程集團有限公司	223,756.20	4,475.12	23,756.20	
Other receivables	China Triumph International Engineering Co., Ltd.				
其他應收款	中國洛陽浮法玻璃集團有限責任公司	203,498.92	4,069.98	15,567,921.58	
Other receivables	China Luoyang Float Glass (Group) Company Limited				

九. 關聯方關係及其交易(續)

5. 關聯方應收應付款項(續)

(2) 應付項目

IX. The Relationships and Transactions Among Related Parties (Continued)

5. Receivables and payables of related parties (Continued)

(2) Payables

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目名稱	關聯方	期末賬面餘額 Carrying amount at the end of the period	期初賬面餘額 Carrying amount at the beginning of the period
Project name	Related party		
應付賬款 Accounts payable	安徽華光光電材料科技集團有限公司 Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd.	2,220,744.67	
應付賬款 Accounts payable	蚌埠化工機械製造有限公司 Bengbu Chemical Machinery Manufacturing Co., Ltd.*	2,219,088.18	2,459,156.12
應付賬款 Accounts payable	蚌埠凱盛工程技術有限公司 China Triumph Bengbu Engineering and Technology Company Limited	954,112.95	13,040.00
應付賬款 Accounts payable	登封紅寨硅砂有限公司 Dengfeng Hongzhai Silicon Co., Ltd.		81,224.51
應付賬款 Accounts payable	江蘇中建材環保研究院有限公司 Jiangsu CTIEC Environmental Protection Research Institute Co., Ltd.	1,182,499.11	1,182,499.11
應付賬款 Accounts payable	凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	14,038,166.36	7,391,313.44
應付賬款 Accounts payable	凱盛石英材料(黃山)有限公司 Triumph Quartz Material (Huangshan) Co., Ltd.		2,000,000.00
應付賬款 Accounts payable	洛玻集團洛陽龍昊玻璃有限公司 CLFG Longhao Glass Co. Ltd.	744,715.13	
應付賬款 Accounts payable	瑞泰科技股份有限公司 Ruitai Technology Co., Ltd.	304,345.00	304,345.00
應付賬款 Accounts payable	上海凱盛朗坤信息技術股份有限公司 Shanghai CTIEC Luculent Information Technology Co., Ltd.*	2,766,200.00	850,800.00
應付賬款 Accounts payable	沂南華盛礦產實業有限公司 Yinan Huasheng Mineral Products Industry Co., Ltd.	2,714.60	2,714.60
應付賬款 Accounts payable	中國建材國際工程集團有限公司 China Triumph International Engineering Co., Ltd.	279,942,268.05	307,478,387.57
應付賬款 Accounts payable	中國建材國際工程集團有限公司蚌埠分公司 China Triumph International Engineering Co., Ltd. Bengbu Branch	9,721,654.50	36,011,654.50
應付賬款 Accounts payable	中國建材國際工程集團有限公司海南分公司 China Triumph International Engineering Co., Ltd. Hainan Branch	11,940,448.29	12,638,622.33
應付賬款 Accounts payable	中國建材國際工程集團有限公司江蘇分公司 China Triumph International Engineering Co., Ltd. Jiangsu Branch	99,270.00	6,858,990.19
應付賬款 Accounts payable	中建材蚌埠玻璃工業設計研究院有限公司 CNBM Bengbu Design & Research Institute for Glass Industry Co., Ltd	6,577,378.88	1,301,949.64
應付賬款 Accounts payable	中建材凱盛機器人(上海)有限公司 CNBM Triumph Robotics (Shanghai) Co., Ltd.*	1,270,000.00	563,000.00
應付賬款 Accounts payable	中建材輕工業自動化研究所有限公司 CNBM Research Institute For Automation of Light Industry Co., Ltd.	318,000.00	

九. 關聯方關係及其交易(續)

IX. The Relationships and Transactions Among Related Parties (Continued)

5. 關聯方應收應付款項(續)

5. Receivables and payables of related parties (Continued)

(2) 應付項目(續)

(2) Payables (Continued)

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目名稱	關聯方	期末賬面餘額 Carrying amount at the end of the period	期初賬面餘額 Carrying amount at the beginning of the period
Project name	Related party		
預收賬款 Payments received in advance	安徽省蚌埠華益導電膜玻璃有限公司 Anhui Bengbu Huayi Conductive Film Glass Co., Ltd.	531,552.90	702,248.13
預收賬款 Payments received in advance	江蘇凱瑞錫光伏科技有限公司 Jiangsu Kairui Technetium Photovoltaic Technology Co., Ltd.	584,783.71	584,783.71
預收賬款 Payments received in advance	遠東光電股份有限公司 Far East Opto-Electronics Co., Ltd.	436,189.11	707,398.07
預收賬款 Payments received in advance	中意凱盛(蚌埠)玻璃冷端機械有限公司 Sino-Italian CTIEC (Bengbu) Glass Cold-End Machinery Company Limited	6,552.00	6,552.00
其他應付款 Other payables	皓天財經集團有限公司 Wonderful Sky Financial Group Limited	3,902,873.16	2,953,393.90
其他應付款 Other payables	凱盛科技集團有限公司 Triumph Technology Group Co., Ltd.*	140,429,688.46	150,755,526.08
其他應付款 Other payables	深圳市凱盛科技工程有限公司蚌埠分公司 CTIEC Shenzhen Scieno-tech Engineering Company Bengbu Branch	61,843.32	61,843.32
其他應付款 Other payables	泰山石膏(河南)有限公司 Taishan Plaster (Henan) Co., Ltd.		10,000.00
其他應付款 Other payables	遠東光電股份有限公司 Far East Opto-Electronics Co., Ltd.	1,095.60	
其他應付款 Other payables	中國建材國際工程集團有限公司 China Triumph International Engineering Co., Ltd.	137,800.00	136,800.00
其他應付款 Other payables	中國建材國際工程集團有限公司蚌埠分公司 China Triumph International Engineering Co., Ltd. Bengbu Branch	196,604.80	196,604.80
其他應付款 Other payables	中國建材國際工程集團有限公司海南分公司 China Triumph International Engineering Co., Ltd. Hainan Branch	5,000.00	5,000.00
其他應付款 Other payables	中國洛陽浮法玻璃集團有限責任公司 China Luoyang Float Glass (Group) Company Limited	129,360,441.41	167,669,220.36
其他應付款 Other payables	中建材(蚌埠)光電材料有限公司 CNBM (Bengbu) Photoelectricity Materials Co., Ltd.		30,740,686.56
其他應付款 Other payables	中建材蚌埠玻璃工業設計研究院有限公司 CNBM Bengbu Design & Research Institute for Glass Industry Co., Ltd	2,666,757.65	3,014,108.93
其他應付款 Other payables	中意凱盛(蚌埠)玻璃冷端機械有限公司 Sino-Italian CTIEC (Bengbu) Glass Cold-End Machinery Company Limited	1,600.00	1,600.00

九. 關聯方關係及其交易(續)

6. 關聯方承諾

2017年8月7日，公司重大資產重組交易對方承諾標的公司在利潤補償期(2018-2020年)實現的實際淨利潤數不低於《資產評估報告》中的預測淨利潤數，如果標的公司未達到承諾淨利潤數，則交易對方須按照《發行股份購買資產的利潤承諾補償協議》及補充協議的約定進行補償。

十. 股份支付

不適用

十一. 承諾及或有事項

資本承擔

於2018年6月30日，本公司的重大資本承擔如下：

IX. The Relationships and Transactions Among Related Parties (Continued)

6. Commitments of related parties

On 7 August 2017, the counterparties to the Significant Assets Restructuring of the Company undertook that the actual net profit of the target companies for the profit compensation period from 2018 to 2020 shall not be lower than the expected net profit set out in the Assets Valuation Report, in the event that the target companies fail to achieve the committed net profit, counterparties shall compensate the target company according to the arrangements of the Profit Guarantee Indemnity Agreements in relation to Acquisition of Assets by Issuance of Shares and the supplemental agreement.

X. Share-based Payment

N/A

XI. Commitments and Contingencies

1. Capital commitments

At 30 June 2018, the Company had the following significant capital commitments:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	2018年6月30日 30 June 2018	2017年12月31日 31 December 2017
已訂合同但未作出準備 – 建設工程	Contracted but not provided for – Construction project	772,548,321.68	714,762,796.93
合計	Total	772,548,321.68	714,762,796.93

十二. 資產負債表日後事項

不適用

XII. Explanation of Other Subsequent Events After the Date of Balance Sheet

N/A

十三. 其他重要事項

1. 分部報告

(1) 報告分部的確定依據與會計政策：

本報告期本集團之收益主要來自銷售信息顯示玻璃及新能源玻璃，為方便管理，本公司劃分為兩個經營分部。本公司管理層定期審閱不同分部的財務信息以決定向其配置資源、評價業績。分部間轉移價格參照向第三方銷售所採用的價格確定。

(2) 報告分部的財務信息

a) 截至2018年6月30日止半年度分部信息列示如下：

XIII. Other Significant Events

1. Segment Reporting

(1) *Determination basis and accounting policies of reporting segment:*

During the reporting period, the Group's revenue mainly came from the sale of information display glass segment and new energy glass. For management purposes, the Company has two operating segments. The management of the Company regularly reviews the financial information of each segment to make decisions about resources to be allocated to the segment and to assess its performance. Inter-segment transfers are measured by reference to sales to third parties.

(2) *Financial information of reporting segment*

a) Segment information for the half year ended 30 June 2018 is set out as follows:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	信息顯示玻璃 Information display glass	新能源玻璃 New energy glass	未分配項目 Unallocated items	分部間抵銷 Offset	合計 Total
一、對外交易收入	1. Revenue from external customers	163,502,480.94	538,859,909.80			702,362,390.74
二、分部間交易收入	2. Revenue from inter-segment transactions	2,255,580.86			2,255,580.86	
三、利息收入	3. Interest income	43,142.55	196,596.07	690,274.80	630,711.96	299,301.46
四、利息支出	4. Interest expenses	10,660,858.82	21,174,930.08	15,876,387.44	14,969,491.50	32,742,684.84
五、資產減值損失及信用減值損失	5. Impairment losses of assets and impairment losses of credit	-97,691.09	-3,454,582.20	-614,549.07		-4,166,822.36
六、折舊費和攤銷費	6. Depreciation expenses and amortization expenses	24,077,499.78	39,510,097.13	948,425.72	1,969.41	64,534,053.22
七、利潤總額(虧損以「-」號填列)	7. Total profit (loss is represented by "-")	11,344,953.95	48,088,300.06	41,321,179.62	61,374,605.87	39,379,827.76
八、所得稅費用	8. Income tax expenses	2,548,133.08	8,591,746.15			11,139,879.23
九、淨利潤(虧損以「-」號填列)	9. Net profit (loss is represented by "-")	8,796,820.87	39,496,553.91	41,321,179.62	61,374,605.87	28,239,948.53
十、資產總額	10. Total assets	1,502,917,348.81	2,902,448,822.81	1,865,594,163.55	2,384,925,861.11	3,886,034,474.06
十一、負債總額	11. Total liabilities	1,001,633,256.74	1,908,404,762.57	760,629,561.92	1,147,462,330.70	2,523,205,250.53

十三. 其他重要事項(續)

1. 分部報告(續)

(2) 報告分部的財務信息(續)

- b) 截至2017年6月30日止半年度分部信息列示如下：
(續)

項目	Item	信息顯示玻璃 Information display glass	新能源玻璃 New energy glass	未分配項目 Unallocated items	抵銷 Offset	合計 Total
一. 對外交易收入	1. Revenue from external customers	154,969,277.04	549,490,605.66			704,459,882.70
二. 分部間交易收入	2. Revenue from inter-segment transactions					
三. 利息收入	3. Interest income	4,761,655.00	303,247.93	710,664.50	5,052,497.76	723,069.67
四. 利息支出	4. Interest expenses	10,661,329.83	20,173,273.46	11,624,028.23	10,567,862.68	31,890,768.84
五. 資產減值損失	5. Impairment losses of assets	-604,842.56	811,955.84	600,521.20		807,634.48
六. 折舊費和攤銷費	6. Depreciation expenses and amortization expenses	24,710,592.22	37,901,028.74	817,678.51		63,429,299.47
七. 利潤總額(虧損以「-」號填列)	7. Total profit (loss is represented by "-")	10,908,504.27	27,772,574.56	-4,800,818.19	251,251.33	33,629,009.31
八. 所得稅費用	8. Income tax expenses	4,430,457.12	4,920,789.86			9,351,246.98
九. 淨利潤(虧損以「-」號填列)	9. Net profit (loss is represented by "-")	6,478,047.15	22,851,784.70	-4,800,818.19	251,251.33	24,277,762.33
十. 資產總額	10. Total assets	1,579,026,709.81	2,620,050,340.65	1,050,121,218.27	1,485,245,352.04	3,763,952,916.69
十一. 負債總額	11. Total liabilities	1,061,782,116.71	1,737,324,015.42	750,007,574.91	1,114,127,454.88	2,434,986,252.16

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

(3) 其他說明：

地區分部信息

以下呈列了有關本公司取得外部客戶的收入和本公司的非流動資產(不包括遞延所得稅資產)的地理位置數據。客戶的地理位置是根據提供客戶貨物所在地列示。非流動資產中固定資產、在建工程及預付租賃款項的地理位置按資產的物理位置而定；無形資產及勘探及評估資產的地理位置按所獲分配的營運地點而定；於聯營公司權益及其他投資的地理位置則按其營運地點而定。

XIII. Other Significant Events (Continued)

1. Segment Reporting (Continued)

(2) Financial information of reporting segment (Continued)

- b) Segment information for the half year ended 30 June 2017 is set out as follows: (Continued)

(3) Other Explanation:

Geographic information

The following table sets out information about the geographical location of the Company's revenue from external customers and the Company's non-current assets (excluding deferred income tax assets). The geographical location of customers is stated as the location at which goods were delivered to customers. The geographical location of fixed assets, construction in progress and lease prepayments under non-current assets is determined as the physical location of the assets; the geographical location of intangible assets and exploration and evaluation assets is determined as the location of relevant operations; and the geographical location of interests in associates and other investments is determined as the location of their respective operations.

十三. 其他重要事項(續)

1. 分部報告(續)

(3) 其他說明：(續)

地區分部信息

項目	Item	來自外部客戶的收入		非流動資產	
		Revenue from external customers		Non-current assets	
		2018年1-6月 January-June 2018	2017年1-6月 January-June 2017	2018年6月30日 30 June 2018	2017年12月31日 31 December 2017
國內	China	677,234,348.38	692,985,336.96	2,569,085,170.08	2,434,989,438.12
國外	Overseas	25,128,042.36	11,474,545.74		
合計	Total	702,362,390.74	704,459,882.70	2,569,085,170.08	2,434,989,438.12

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

主要客戶

本公司之客戶基礎多元化，2018年1-6月僅兩名客戶之交易額超過本公司收入之10%。

Major customers

The Company has a diversified customer base. From January to June 2018, the transaction amount of two customers exceeds 10% of the Company's revenue.

2. 發行股份購買資產

本公司於2018年4月以人民幣23.45元/股的發行價格完成向洛玻集團發行10,097,588股股份、向合肥高新建設投資集團公司發行3,029,276股股份購買其合計持有的合肥新能源100%股權，向安徽華光光電材料科技集團有限公司發行6,377,490股股份、向中建材蚌埠玻璃工業設計研究院有限公司發行2,365,976股股份、向中國建材國際工程集團有限公司發行708,610股股份購買其合計持有的桐城新能源100%股權，向凱盛科技集團有限公司發行7,508,991股股份、向宜興環保科技創新創業投資有限公司發行1,877,247股股份、向協鑫集成科技股份有限公司發行1,065,338股股份購買其合計持有的宜興新能源70.99%股權。

2. Purchase of assets by share issue

The Company has completed the issuance of 10,097,588 shares to CLFG and 3,029,276 shares to Hefei Gaoxin Development and Investment Group Company*, respectively, to purchase the 100% equity interests held by them in aggregate in Hefei New Energy, the issuance of 6,377,490 Shares to Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd., 2,365,976 Shares to Bengbu Design & Research Institute for Glass Industry and 708,610 Shares to China Triumph International Engineering Co., Ltd. respectively, to purchase the entire equity interests of Tongcheng New Energy, and the issuance of 7,508,991 Shares to Triumph Technology Group Co., Ltd., 1,877,247 Shares to Yixing Environmental Technology Innovation Venture Investment Co., Ltd.* and 1,065,338 Shares to GCL System Integration Technology Co., Ltd. to purchase 70.99% equity interests held by them in aggregate in Yixing New Energy at an issue price of RMB23.45 per share in April 2018.

XIII. Other Significant Events (Continued)

1. Segment Reporting (Continued)

(3) Other Explanation: (Continued)

Geographic information

十三. 其他重要事項(續)

2. 發行股份購買資產

洛玻集團、合肥高新建設投資集團公司承諾合肥新能源經審計並扣除非經常損益後的淨利潤2018年不低於6,167.88萬元、2019年不低於6,939.49萬元、2020年不低於7,415.56萬元。安徽華光光電材料科技集團有限公司、中建材蚌埠玻璃工業設計研究院有限公司、中國建材國際工程集團有限公司承諾桐城新能源經審計並扣除非經常損益後的淨利潤2018年不低於2,636.71萬元、2019年不低於2,671.99萬元、2020年不低於2,707.27萬元。凱盛科技集團有限公司、宜興環保科技創新創業投資有限公司、協鑫集成科技股份有限公司承諾宜興新能源經審計並扣除非經常損益後的淨利潤2018年不低於3,337.03萬元、2019年不低於4,124.50萬元、2020年不低於4,714.75萬元。合肥新能源、桐城新能源、宜興新能源在承諾年度期間實際淨利潤數未達到承諾淨利潤數的，將按照協議規定計算出每年應補償金額以及應予補償的股份數量，該應補償股份由本公司以1.00元的總價進行回購。

十四. 母公司財務報表主要項目註釋

1. 應收賬款及應收票據

XIII. Other Significant Events (Continued)

2. Purchase of assets by share issue

GLFC and Hefei Gaoxin Development and Investment Group Company have undertaken that the audited net profit after deducting non-recurring profit or loss of Hefei New Energy will not be lower than RMB61,678,800, RMB69,394,900 and RMB74,155,600 for 2018, 2019 and 2020, respectively. Anhui Huaguang Photoelectricity Materials Technology Group Co., Ltd., Bengbu Design & Research Institute for Glass Industry and China Triumph International Engineering Co., Ltd. have undertaken that the audited net profit after deducting non-recurring profit or loss of Tongcheng New Energy will not be lower than RMB26,367,100, RMB26,719,900 and RMB27,072,700 for 2018, 2019 and 2020, respectively. While Triumph Technology Group Co., Ltd., Yixing Environmental Technology Innovation Venture Investment Co., Ltd. and GCL System Integration Technology Co., Ltd. have undertaken that the audited net profit after deducting non-recurring profit or loss of Yixing New Energy will be not lower than RMB33,370,300, RMB41,245,000 and RMB47,147,500 for 2018, 2019 and 2020, respectively. Each of Hefei New Energy, Tongcheng New Energy and Yixing New Energy will calculate the compensation amounts and the number of compensation shares according to the requirements of the agreements if their net profit actually incurred in the years of commitment is lower than the committed amounts. The Company will repurchase the compensation shares at a total consideration of RMB1.00.

XIV. Notes to major items in the financial statements of the Company

1. Accounts receivable and notes receivable

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

類別	Item	期末餘額 Closing balance	期初餘額 Opening balance
應收票據	Notes receivable	7,449,412.09	7,469,611.05
應收賬款	Accounts receivable	275,616,327.66	278,458,567.55
減：壞賬準備	Less: provision for bad debts	74,230,940.45	74,130,839.72
合計	Total	208,834,799.30	211,797,338.88

十四. 母公司財務報表主要項目註釋(續)

XIV. Notes to Major Items in the Financial Statements of the Company (Continued)

1. 應收賬款及應收票據(續)

1. Accounts receivable and notes receivable (Continued)

(1) 應收賬款按入賬日期的賬齡分析如下：

(1) Ageing analysis of accounts receivables by date of entry:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

賬齡	Aging	期末餘額 Closing balance	年初餘額 Opening balance
1年以內	Within 1 year	5,005,036.67	7,847,276.56
1至2年	1 to 2 years	60,623,362.41	60,623,362.41
2至3年	2 to 3 years	45,954,862.42	45,954,862.42
3至4年	3 to 4 years	53,744,573.94	53,824,294.76
4至5年	4 to 5 years	23,424,718.10	23,949,436.39
5年以上	Over 5 years	86,863,774.12	86,259,335.01
小計	Subtotal	275,616,327.66	278,458,567.55
減：壞賬準備	Less: provision for bad debts	74,230,940.45	74,130,839.72
合計	Total	201,385,387.21	204,327,727.83

(2) 本期計提、收回或轉回的壞賬準備情況：

(2) Provision for bad debts made, recovered and reversed for the current period:

本期計提壞賬準備金額0元；
本期收回或轉回壞賬準備金額
56,844.80元。

Provision for bad debts for the current period is RMB0; the recovery or reversal of the provision for bad debts for the current period is RMB56,844.80.

十四. 母公司財務報表主要項目註釋(續)

1. 應收賬款及應收票據(續)

(3) 按欠款方歸集的期末餘額前五名的應收賬款情況：

單位名稱	Name	期末餘額 Closing balance	佔應收賬款 總額的比例 Proportion in the total amount of accounts receivable (%)	壞賬準備餘額 Balance of provision for bad debts
第一名	First place	219,348,939.58	79.59	22,868,491.89
第二名	Second place	5,002,095.70	1.81	100,041.91
第三名	Third place	4,757,122.32	1.73	4,757,122.32
第四名	Fourth place	2,820,625.92	1.02	2,820,625.92
第五名	Fifth place	2,796,175.91	1.01	2,796,175.91
合計	Total	234,724,959.43	85.16	33,342,457.95

2. 其他應收款

XIV. Notes to Major Items in the Financial Statements of the Company (Continued)

1. Accounts receivable and notes receivable (Continued)

(3) Top five largest accounts receivable at the end of the period by the balance collected regarding the party in default:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

2. Other receivables

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

類別	Item	期末餘額 Closing balance	期初餘額 Opening balance
其他應收款項	Other receivables	282,309,288.61	294,398,225.20
減：壞賬準備	Less: provision for bad debts	262,869,080.02	263,266,928.54
合計	Total	19,440,208.59	31,131,296.66

十四. 母公司財務報表主要項目註釋(續)

XIV. Notes to Major Items in the Financial Statements of the Company (Continued)

2. 其他應收款(續)

2. Other receivables (Continued)

(1) 其他應收款分類披露：

(1) Disclosed categories of other receivables:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

按賬齡列示如下：

By aging:

賬齡	Aging	期末餘額 Closing balance	年初餘額 Opening balance
1年以內	Within 1 year	154,413,808.28	152,342,459.29
1至2年	1 to 2 years	60,475,782.05	60,487,321.70
2至3年	2 to 3 years	11,880,984.01	11,880,984.01
3至4年	3 to 4 years	11,418,687.50	11,820,287.50
4至5年	4 to 5 years	11,039,103.65	11,300,512.31
5年以上	Above 5 years	33,080,923.12	46,566,660.39
小計	Sub-total	282,309,288.61	294,398,225.20
減：壞賬準備	Less: provision for bad debts	262,869,080.02	263,266,928.54
合計	Total	19,440,208.59	31,131,296.66

(2) 本期計提、收回或轉回的壞賬準備情況：

(2) Provision for bad debts made, recovered or reversed for the current period:

本期計提壞賬準備金額152,240.41元；本期收回或轉回壞賬準備金額709,944.68元。

Provision for bad debts for the current period was RMB152,240.41; provision for bad debts recovered or reversed for the current period amounted to RMB709,944.68.

(3) 其他應收款按款項性質分類情況

(3) Category of other receivables by nature of amount

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

款項性質	Nature of amount	期末賬面餘額 Carrying amount at the end of the period	期初賬面餘額 Carrying amount at the beginning of the period
應收子公司	Amounts due from subsidiaries	249,619,914.29	245,886,692.04
業績承諾補償款	Compensation for performance commitment		15,301,668.89
備用金	Reserves	139,353.56	126,931.56
往來款	Current accounts	32,550,020.76	33,082,932.71
合計	Total	282,309,288.61	294,398,225.20

十四. 母公司財務報表主要項目註釋(續)

2. 其他應收款(續)

(4) 按欠款方歸集的期末餘額前五名的其他應收款情況：

XIV. Notes to Major Items in the Financial Statements of the Company (Continued)

2. Other receivables (Continued)

(4) Top five largest other receivable at the end of the period by the balance collected regarding the party in default:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

單位名稱	款項的性質	期末餘額	賬齡	佔其他應收款 期末餘額合計 數的比例 Proportion in total balance of other receivables at the end of the period (%)	壞賬準備 期末餘額 Balance of provision for bad debts at the end of the period
Name of enterprise	Nature of amount	Closing balance	Aging		
洛玻集團龍門玻璃有限責任 公司 CLFG Longmen Glass Co., Ltd.	往來款 Current accounts	232,878,240.96	1年內及以上 Within 1 year or above	82.49	230,707,276.86
中建材(合肥)新能源有限公司 CNBM (Hefei) New Energy Co., Ltd.*	往來款 Current accounts	16,741,673.33	1年以內 Within 1 year	5.93	
建行鄭州西里支行 Xili Sub-Branch, Zhengzhou of China Construction Bank	往來款 Current accounts	10,808,704.00	5年以上 Over 5 years	3.83	10,808,704.00
深圳新西亞實業有限公司 Shenzhen Cynthia Industrial Co., Ltd.	往來款 Current accounts	4,600,000.00	5年以上 Over 5 years	1.63	4,600,000.00
鄭州銀基商貿城有限公司 Zhengzhou Yinji Commence & Trade City Co., Ltd.	往來款 Current accounts	2,372,413.21	5年以上 Over 5 years	0.84	2,372,413.21
合計 Total	/	267,401,031.50	/	94.72	248,488,394.07

十四. 母公司財務報表主要項目註釋(續)

XIV. Notes to Major Items in the Financial Statements of the Company
(Continued)

3. 長期股權投資

3. Long-term equity investment

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目 Item	期末餘額 Closing balance			期初餘額 Opening balance		
	賬面餘額 Carrying amount	減值準備 Provision for impairment	賬面價值 Book value	賬面餘額 Carrying amount	減值準備 Provision for impairment	賬面價值 Book value
對子公司投資 Investment in subsidiaries	1,755,355,048.53	64,513,390.18	1,690,841,658.35	933,499,984.17	64,513,390.18	868,986,593.99
合計 Total	1,755,355,048.53	64,513,390.18	1,690,841,658.35	933,499,984.17	64,513,390.18	868,986,593.99

(1) 對子公司投資

(1) Investment in subsidiaries

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

被投資單位 Investee	期初餘額 Opening balance	本期增加 Increase for the current period	本期減少 Decrease for the current period	期末餘額 Closing balance	本期計提減值準備 Provision for impairment for the current period	減值準備期末餘額 Balance of the provision for impairment at the end of the period
中建材(濮陽)光電材料有限公司 CNBM (Puyang) Photoelectric Material Co., Ltd.	80,500,000.00	102,195,020.00		182,695,020.00		
洛玻集團龍門玻璃有限責任公司 CLFG Longmen Glass Co., Ltd.	64,513,390.18			64,513,390.18		64,513,390.18
洛玻集團洛陽龍海電子玻璃有限公司 CLFG Longhai Electronic Glass Limited	88,941,425.28			88,941,425.28		
蚌埠中建材信息顯示材料有限公司 Bengbu CNBM Information Display Material Co., Ltd.	699,545,168.71			699,545,168.71		
中建材(合肥)新能源有限公司 CNBM (Hefei) New Energy Co., Ltd.*		237,180,001.59		237,180,001.59		
中國建材桐城新能源材料有限公司 CNBM (Tongcheng) New Energy Materials Co., Ltd.*		239,788,106.76		239,788,106.76		
中建材(宜興)新能源有限公司 CNBM (Yixing) New Energy Resources Co., Ltd		242,691,936.01		242,691,936.01		
合計 Total	933,499,984.17	821,855,064.36		1,755,355,048.53		64,513,390.18

十四. 母公司財務報表主要項目註釋(續)

XIV. Notes to Major Items in the Financial Statements of the Company (Continued)

4. 營業收入和營業成本：

4. Operating income and operating costs:

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目 Item	本期發生額 Amount for current period		上期發生額 Amount for previous period	
	收入 Income	成本 Costs	收入 Income	成本 Costs
主營業務 Principal business	92,733,523.28	92,733,523.27	72,204,860.11	72,203,078.73
其他業務 Other business	2,486,952.50	534,696.34	233,892.84	49,746.60
合計 Total	95,220,475.78	93,268,219.61	72,438,752.95	72,252,825.33

5. 投資收益

5. Investment income

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目 Item	本期發生額 Amount for current period	上期發生額 Amount for previous period
成本法核算的長期股權投資收益 Income from long-term equity investment based on the cost method	60,000,000.00	
持有至到期投資在持有期間的投資收益 Investment income from investments held for maturity	4,557,772.91	5,515,364.92
合計 Total	64,557,772.91	5,515,364.92

十五. 補充資料

XV. Supplementary Information

1. 當期非經常性損益明細表

1. Breakdown of extraordinary profit and loss for the current period

單位：元 幣種：人民幣
Unit: Yuan Currency: RMB

項目	Item	金額	說明
		Amount	Explanation
非流動資產處置損益	Profit/loss on disposal of non-current assets	131,075.15	
計入當期損益的政府補助(與企業業務密切相關，按照國家統一標準定額或定量享受的政府補助除外)	Government subsidies (except for the grants which are closely related to the Company's normal business, are in compliance with the provisions of the State and have the standard amount or quantities in accordance with the national standard) attributable to profits and losses for the current period	3,449,462.35	
債務重組損益	Profit/loss from debt restructuring	259,661.53	
同一控制下企業合併產生的子公司期初至合併日的當期淨損益	The current net profit and loss of subsidiary resulting from combination under common control from the beginning of the period to consolidation date	20,491,900.89	
除上述各項之外的其他營業外收入和支出	Other non-operating income and expenses other than the aforesaid items	-51,854.67	
所得稅影響額	Effect of income taxation	-384,130.52	
少數股東權益影響額	Effect of minority interests	-4,946,416.11	
合計	Total	18,949,698.62	

2. 淨資產收益率及每股收益

2. Return on net assets and earnings per share

報告期利潤	Profit for the reporting period	加權平均 淨資產收益率 Weighted average return on net assets (%)	每股收益 Earnings per share	
			基本每股收益 Basic earnings per share	稀釋每股收益 Diluted earnings per share
歸屬於公司普通股股東的淨利潤	Net profit attributable to holders of ordinary shares of the Company	1.83	0.0395	0.0395
扣除非經常性損益後歸屬於公司普通股股東的淨利潤	Net profit attributable to holders of ordinary shares of the Company after deducting extraordinary profit and loss	0.33	0.0056	0.0056

第九節 備查文件目錄

備查文件目錄 載有公司法定代表人簽名並蓋章的中期報告全文：

載有法定代表人、主管會計工作負責人及會計機構負責人簽名並蓋章的財務報表：

報告期內在中國證監會指定報刊上及交易所網站上公開披露過的所有文件的正本及公告的原稿。

董事長：張冲

董事會批准報送日期：2018-08-29

IX. Documents Available for Inspection

Documents available for inspection

Full text of the interim report signed and sealed by the Legal Representative of the Company;

Financial statements signed and sealed by the Legal Representative, the Chief Financial Controller and the Person in charge of Accounting Department;

All original copies of the Company's documents and the original drafts of the Company's announcements as disclosed in the newspaper designated by the CSRC and on the websites of stock exchanges during the reporting period.

Chairman: Zhang Chong

Reporting date as approved by the Board: 29 August 2018



洛 阳 玻 璃 股 份 有 限 公 司
LUOYANG GLASS COMPANY LIMITED *

(於中華人民共和國註冊成立之股份有限公司)

(a joint stock limited company incorporated in the People's Republic of China with limited liability)

H 股股份代號 : 1108 H Share Stock Code: 1108
A 股股份代號 : 600876 A Share Stock Code: 600876