



大唐環境產業集團股份有限公司

Datang Environment Industry Group Co., Ltd.*

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

Stock Code 股份代號: 1272



2022

中期報告

INTERIM REPORT

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COMPANY PROFILE

公司簡介

The predecessor of the Company (stock code: 1272) was China Datang Group Environment Technology Co., Ltd. (中國大唐集團環境技術有限公司), which was established in July 2011. Since the establishment of the Company and after several years of rapid development and a series of business restructuring, the Company has been successfully listed on the Main Board of the Stock Exchange since 15 November 2016. As at 30 June 2022, the Company had a total of 2,967,542,000 issued Shares, among which the Controlling Shareholder, China Datang, holds, directly and indirectly, an aggregate of approximately 78.96%.

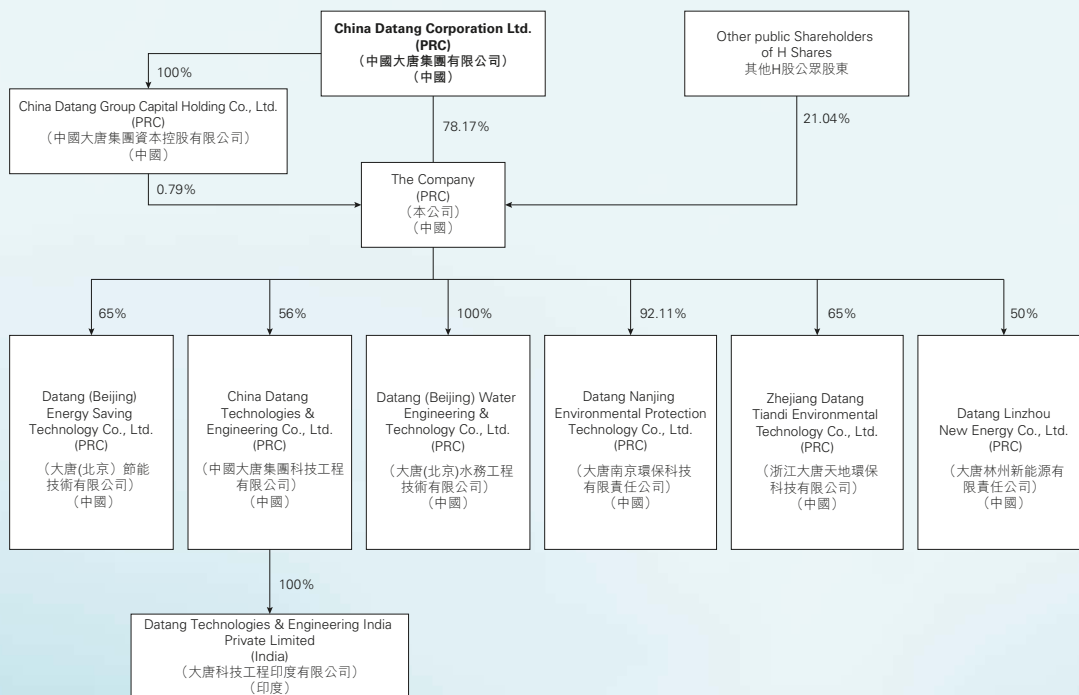
本公司(股份代號：1272)前身為2011年7月成立的中國大唐集團環境技術有限公司。本公司成立以來，經過多年的快速發展及一系列的業務重組，本公司自2016年11月15日起在聯交所主板成功上市。於2022年6月30日，本公司已發行股份總數為2,967,542,000股，其中控股股東中國大唐直接及間接合共持有約78.96%的股份。

The Group is the sole platform for the development of environmental protection and energy conservation business under China Datang Group. The principal business of the Group includes environmental protection facility concession operation, denitrification catalysts, environmental protection facilities engineering, water treatment business, energy conservation business and renewable energy engineering business.

本集團是中國大唐集團旗下發展環保節能業務的唯一平台。本集團的主要經營業務包括環保設施特許經營、脫硝催化劑、環保設施工程、水務業務、節能業務及可再生能源工程業務。

As at 30 June 2022, the Company's major corporate structure was as follows:

於2022年6月30日，本公司主要企業架構如下：



FINANCIAL HIGHLIGHTS

財務摘要



The following table sets forth the Group's interim condensed consolidated statements of profit or loss and other comprehensive income for the periods indicated:

下表載列所示期間本集團的中期簡明合併損益及其他綜合收益表：

		For the six months ended 30 June	
		截至6月30日止六個月	
		2022	2021
		2022年	2021年
		(unaudited)	(unaudited)
		(未經審計)	(未經審計)
		RMB'000	RMB'000
		人民幣千元	人民幣千元
Revenue	收入	2,318,791	2,196,597
Cost of sales	銷售成本	(1,834,623)	(1,798,319)
Gross profit	毛利	484,168	398,278
Selling and distribution expenses	銷售及分銷開支	(6,300)	(10,023)
Administrative expenses	行政開支	(159,294)	(220,839)
Other income and losses	其他收益及損失	35,466	56,019
Other expenses, net	其他開支淨額	(4,275)	-
Finance costs	財務支出	(103,090)	(111,960)
Impairment losses on financial and contract assets, net	金融資產和合同資產減值損失，淨值	(4,801)	(9,502)
Profit before tax	稅前利潤	241,874	101,973
Income tax expense	所得稅開支	(41,964)	(35,548)
PROFIT FOR THE PERIOD	期內利潤	199,910	66,425
OTHER COMPREHENSIVE INCOME	其他綜合收益		
Other comprehensive income that may be reclassified to profit or loss in subsequent periods:	於往後期間將予重新分類至損益的其他綜合收益：		
Exchange differences on translation of foreign operations	與海外運營有關的匯兌差額	1,335	2,029
Other comprehensive income that may be reclassified to profit or loss in subsequent periods, net	於往後期間將予重新分類至損益的其他綜合收益淨額	1,335	2,029
Other comprehensive income that will not be reclassified to profit or loss in subsequent periods:	於往後期間不能重新分類至損益的其他綜合收益：		
Equity investments designated at fair value through other comprehensive income:	指定以公允價值計量且變動計入其他綜合收益的權益投資：		
Changes in fair value	公允價值變動	-	(4,748)
Income tax	所得稅	208	712
Other comprehensive income/(losses) that will not be reclassified to profit or loss in subsequent periods, net	於往後期間不能重新分類至損益的其他綜合收益/(損失)淨額	208	(4,036)

FINANCIAL HIGHLIGHTS (CONTINUED)

財務摘要(續)

For the six months ended 30 June
截至6月30日止六個月

		2022 2022年 (unaudited) (未經審計) RMB'000 人民幣千元	2021 2021年 (unaudited) (未經審計) RMB'000 人民幣千元
OTHER COMPREHENSIVE INCOME/(LOSSES) FOR THE PERIOD, NET OF TAX	期內其他綜合收益/(損失)(扣除稅項)	1,543	(2,007)
TOTAL COMPREHENSIVE INCOME FOR THE PERIOD	期內綜合收益總額	201,453	64,418
Profit attributable to:	利潤歸屬於：		
Owners of the parent	母公司擁有人	197,038	86,645
Non-controlling interests	非控股權益	2,872	(20,220)
		199,910	66,425
Total comprehensive income attributable to:	綜合收益總額歸屬於：		
Owners of the parent	母公司擁有人	197,994	83,745
Non-controlling interests	非控股權益	3,459	(19,327)
		201,453	64,418
EARNINGS PER SHARE ATTRIBUTABLE TO ORDINARY EQUITY HOLDERS OF THE PARENT	歸屬於母公司普通股持有人的每股盈利		
Basic and diluted (RMB)	基本和攤薄(人民幣元)	0.07	0.03

FINANCIAL HIGHLIGHTS (CONTINUED)

財務摘要(續)



The following table sets forth certain selected items from the Group's interim condensed consolidated statements of financial position as at the dates indicated:

下表載列所示日期本集團的中期簡明合併財務狀況表的部分節選項目：

		As at 30 June 2022 於2022年 6月30日 (Unaudited) (未經審計) RMB'000 人民幣千元	As at 31 December 2021 於2021年 12月31日 (Audited) (經審計) RMB'000 人民幣千元
ASSETS	資產		
Total current assets	流動資產總額	10,565,493	10,570,721
Total non-current assets	非流動資產總額	7,508,730	7,857,665
Total assets	資產總額	18,074,223	18,428,386
LIABILITIES AND EQUITY	負債及權益		
Total current liabilities	流動負債總額	9,616,750	9,478,199
Total non-current liabilities	非流動負債總額	1,588,877	2,194,611
Total equity	權益總額	6,868,596	6,755,576
Total liabilities and equity	負債及權益總額	18,074,223	18,428,386

The following table sets forth a summary of the Group's interim condensed consolidated statements of cash flows for the periods indicated:

下表載列所示期間本集團的中期簡明合併現金流量表概況：

		For the six months ended 30 June 截至6月30日止六個月	
		2022 2022年 (unaudited) (未經審計) RMB'000 人民幣千元	2021 2021年 (unaudited) (未經審計) RMB'000 人民幣千元
Net cash flows generated from operating activities	經營活動所得現金流量淨額	276,587	327,008
Net cash flows used in investing activities	投資活動使用現金流量淨額	(97,880)	(155,951)
Net cash flows used in financing activities	融資活動使用現金流量淨額	(451,612)	(1,031,196)

MANAGEMENT DISCUSSION AND ANALYSIS

管理層討論與分析

As an environmental protection and energy conservation solution provider for coal-fired power generation enterprises, the principal business of the Group includes environmental protection facility concession operation, manufacturing and sales of denitrification catalysts, environmental protection facilities engineering, water treatment business, energy conservation business and renewable energy engineering business. Customers of the Group spread over 30 provinces, autonomous regions and municipalities in the PRC as well as 7 countries.

本集團作為燃煤發電企業環保節能解決方案提供商，主要業務包括環保設施特許經營、脫硝催化劑的生產和銷售、環保設施工程、水務業務、節能業務及可再生能源工程等業務。本集團客戶遍及中國30餘個省、自治區及直轄市，以及7個國家。

I. INDUSTRY OVERVIEW

Based on the overall performance of the environmental protection industry in the first half of 2022, there are mainly the following highlights and industry trends:

1. Synergy of pollution control, ecological protection and response to climate change

Under the Opinions on Deepening the Fight against Pollution Prevention and Control, it clarified that we should adhere to the systematic concept, play a good defense war against blue sky, clear water and pure land with higher standards, take the realization of the synergy of pollution reduction and carbon reduction as the general starting point for promoting the comprehensive green transformation of economic and social development, deploy and synergetically promote pollution control, ecological protection, response to climate change and other related work, and it emphasizes the relevance and coupling of various policies and measures focusing on putting forward innovative measures in the aspects of pollution reduction and carbon reduction synergy, multi-pollutant collaborative control and regional collaborative governance of various elements, so as to improve the systematization and integrity of comprehensive governance. The Opinions on Deepening the Fight against Pollution Prevention and Control provide policy guarantee for the Company's air pollution control, water affairs and sludge treatment businesses.

一、行業概覽

綜合2022年上半年環保行業的整體表現，主要有以下幾大亮點與行業趨勢：

1. 污染治理、生態保護、應對氣候變化協同增效

《關於深入打好污染防治攻堅戰的意見》堅持系統觀念，以更高標準打好藍天、碧水、淨土保衛戰，把實現減污降碳協同增效作為促進經濟社會發展全面綠色轉型的總抓手，統籌部署、協同推進污染治理、生態保護、應對氣候變化等相關工作，強調各項政策措施的關聯性和耦合性，重點在減污降碳協同增效、多污染物協同控制、各要素區域協同治理等方面提出創新措施，提高綜合治理的系統性和整體性。《關於深入打好污染防治攻堅戰的意見》為本公司大氣污染治理、水務和污泥治理方面業務提供了政策性保障。

2. A series of new energy development policies supported the new peak realization of development of renewable energy industry

Under the Plan for Modern Energy System during the 14th Five Year Period, the Guiding Opinions on Energy Work in 2022, the Implementation Plan for the Development of New Energy Storage in the 14th Five Year Period, the Implementation Plan for the High-quality Development of New Energy and other documents, we should adhere to the systematic concept, deeply implement the new strategies of energy security, strive to expand the renewable energy industry, carry out the top-level planning for the PRC's energy work in 2022, and clarify the main objectives of the energy work in 2022. Energy structural optimization will become the main theme of China's energy industry in the next few years. The development of new energy power will also drive the vigorous development of photovoltaic, wind power, energy storage and other related industries, and will bring huge space for the development of the Group's integrated intelligent energy business.

3. More refined deployment in emission reduction of major pollutants

On 24 January 2022, the State Council issued the Comprehensive Work Plan for Energy Conservation and Emission Reduction during the 14th Five Year Period to improve the implementation of dual control of energy consumption in intensity and total amount, and total emission control system of major pollutants, organize the implementation of key projects for energy conservation and emission reduction, further improve the energy conservation and emission reduction policies and mechanism, promote the significant improvement of energy efficiency and the continuous reduction of the total emission of major pollutants, and realize the synergy of energy conservation, carbon reduction and pollution reduction. It is proposed that by 2025, the national energy consumption per unit of gross domestic product will be reduced by 13.5% compared with that in 2020, the total energy consumption will be under reasonable control, and the total emissions of chemical oxygen demand, ammonia nitrogen, nitrogen oxides and volatile organic compounds will be reduced by 8%, 8%, over 10% and over 10% respectively compared with those in 2020. The industrial development of the Company's emerging environmental governance segment embraces new opportunities.

**2. 新能源發展系列政策助力
可再生能源產業發展迎來
新高峰**

《「十四五」現代能源體系規劃》、《2022年能源工作指導意見》、《「十四五」新型儲能發展實施方案》、《新能源高質量發展實施方案》等系列文件堅持系統觀念，深入落實能源安全新戰略，著力壯大可再生能源產業，對中國2022年的能源工作進行了頂層規劃，明確2022年能源工作主要目標。能源結構性優化將成為未來數年中國能源行業的主旋律，新能源電力的發展，也帶動光伏、風電、儲能等相關產業蓬勃發展，為本集團綜合智慧能源業務發展帶來巨大空間。

**3. 減少主要污染物排放的部
署更加細化具化**

2022年1月24日，國務院印發《「十四五」節能減排綜合工作方案》，完善實施能源消費強度和總量雙控、主要污染物排放總量控制制度，組織實施節能減排重點工程，進一步健全節能減排政策機制，推動能源利用效率大幅提高、主要污染物排放總量持續減少，實現節能降碳減污協同增效。提出到2025年，中國單位國內生產總值能源消耗比2020年下降13.5%，能源消費總量得到合理控制，化學需氧量、氨氮、氮氧化物、揮發性有機物排放總量比2020年分別下降8%、8%、10%以上、10%以上。本公司新興環境治理產業發展迎來全新機遇。

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

II. BUSINESS OVERVIEW

1. Environmental Protection and Energy Conservation Solution Business

Environmental protection facility concession operation business

As at 30 June 2022, the cumulative installed capacity in operation for desulfurization concession operations of the Group reached 48,220MW. The cumulative installed capacity in operation for denitrification concession operations reached 41,210MW and the installed capacity of the desulfurization entrusted operation projects reached 1,960MW.

During January to June 2022, the Group was devoted to conducting energy consumption diagnosis and improvement of the “one policy for one plant” indicators, intensifying the indicator management and control and first-rate benchmarking, improving quality and efficiency, deepening equipment treatment, realizing the three-reduction in limestone consumption, emission and water consumption. The Group also accelerated the application of new technologies such as denitrification fine ammonia injection control technology, denitrification dilution wind heat source optimization and desulfurization efficiency optimization, saving about 15% of ammonia injection and reducing the power consumption of slurry circulating pump by 5-10%.

Denitrification catalysts business

During January to June 2022, the production volume and the sales volume of the denitrification catalysts business of the Group were 14,317.25m³ and 19,258.5m³, respectively. The following table sets forth the breakdown of the key figures of the Group’s denitrification catalysts business during January to June 2022:

Production volume 產量	Sales volume 銷量	Delivery volume 交付量
14,317.25	19,258.48	19,841.95

(Unit: m³)
(單位：立方米)

二、業務回顧

1. 環保節能解決方案業務

環保設施特許經營業務

截至2022年6月30日，本集團脫硫特許經營累計投運裝機容量48,220兆瓦；脫硝特許經營累計投運裝機容量41,210兆瓦，脫硫委託經營項目裝機容量1,960兆瓦。

2022年1-6月，本集團致力於開展能耗診斷和「一廠一策」指標提升，加強指標管控、對標一流、提質增效、設備深度治理，減排石灰石耗、減排水耗實現三連降。本集團亦加快推進脫硝精細噴氨控制技術、脫硝稀釋風熱源優化等新技術應用及脫硫提效優化，節約噴氨量15%左右，漿液循環泵電耗下降5-10%。

脫硝催化劑業務

2022年1-6月，本集團脫硝催化劑業務產量14,317.25立方米，銷量19,258.5立方米。下表列示2022年1-6月本集團脫硝催化劑業務的主要數據明細：

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED) 管理層討論與分析(續)

During January to June 2022, the Group sold 6,265.37m³ of catalyst to customers other than China Datang Group, among which, 3,151.62m³ of catalyst was sold to overseas customers and 956.25m³ of catalyst was sold to customers from non-electric industry such as glass and alumina sectors.

In addition, during January to June 2022, the Group conducted comprehensive usage business in relation to an aggregate of 2,121.57m³ of spent denitrification catalysts.

Environmental protection facilities engineering business

During January to June 2022, the Group won 1 environmental protection facilities engineering project in the power industry, which is a desulfurization project with an installed capacity of 700MW. As of 30 June 2022, the Group has 19 projects under construction, with a total installed capacity of 20,860MW.

Water treatment business

During January to June 2022, the Group entered into a contract for 1 new water treatment project and won bids for 2 water treatment projects. As at 30 June 2022, the Group has 4 water treatment operation projects and 7 water treatment projects under construction.

Energy conservation business

As of 30 June 2022, the Group has 9 EMC projects under execution with a total investment of RMB260.5 million.

2022年1-6月，本集團向中國大唐集團以外客戶銷售催化劑6,265.37立方米，其中向海外客戶銷售催化劑3,151.62立方米，向玻璃、氧化鋁工業等非電行業客戶銷售催化劑956.25立方米。

此外，2022年1-6月，本集團共計就2,121.57立方米的廢舊脫硝催化劑開展綜合利用業務。

環保設施工程業務

2022年1-6月，本集團中標1個電力行業環保設施工程項目，為脫硫項目，裝機容量700兆瓦。截至2022年6月30日，本集團在建項目19個，總裝機容量20,860兆瓦。

水務業務

2022年1-6月，本集團新簽1個水務工程項目，中標2個水務工程項目。截至2022年6月30日，本集團水務運營項目4個，水務工程在建項目7個。

節能業務

截至2022年6月30日，本集團在執行合同能源管理項目9個，總投資金額人民幣260.5百萬元。

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

2. Renewable Energy Business

2.1 Investment business

As of 30 June 2022, the Group had 3 distributed photovoltaic power projects under operation with a total installed capacity of 3.05MW.

2.2 Engineering business

During January to June 2022, the Group has entered into 1 renewable energy engineering project with an installed capacity of 100MW. As of 30 June 2022, the Group has a total of 4 renewable energy engineering projects under construction with a total installed capacity of 385MW.

3. Thermal Power Engineering Business

From January to June 2022, the Group has yet to commence the thermal power engineering business.

4. Overseas Business

During January to June 2022, the Group has not signed newly overseas project, 2 overseas projects were under execution.

5. Research and Development

In the first half of 2022, the Group obtained 67 patents, including 39 invention patents, and the Group has accumulatively obtained 1,396 patents in force.

2. 可再生能源業務

2.1 投資業務

截至2022年6月30日，本集團在運營分佈式光伏發電項目3個，總裝機容量3.05兆瓦。

2.2 工程業務

2022年1-6月，本集團新簽1個可再生能源工程項目，裝機容量100兆瓦。截至2022年6月30日，本集團可再生能源工程在建項目共4個，總裝機容量385兆瓦。

3. 火電工程業務

2022年1-6月，本集團未開展火電工程業務。

4. 海外業務

2022年1-6月，本集團無新簽海外項目，海外在執行項目2個。

5. 研發

2022年上半年，本集團獲得專利授權67項，其中發明專利39項，累計有效專利1,396項。

III. MANAGEMENT DISCUSSION AND ANALYSIS ON FINANCIAL POSITION AND OPERATING RESULTS

The following discussion should be read in conjunction with the financial information of the Group together with the accompanying notes included in this interim report and other sections therein.

There are inter-segment sales among the Group's segments and sub-segments, and accordingly the Group records intra-segment elimination and inter-segment elimination among these segments/sub-segments for the relevant revenue and cost of sales. In this interim report, unless otherwise specified herein, (i) all discussion about total revenue, total gross profit and overall gross profit margin are based on the amounts after all intra- and inter-segment elimination among the segments/sub-segments (being the figures reflected in our consolidated statement of profit or loss and other comprehensive income), and (ii) all discussion about the revenue, gross profit and gross profit margin of business segments and subsegments are based on the amounts before any intra- or inter-segment elimination of such segment or sub-segment.

1. Overview

The Group's revenue increased by 5.6% to RMB2,318.8 million for the six months ended 30 June 2022 as compared with RMB2,196.6 million for the same period in 2021. The Group's profit for the six months ended 30 June 2022 amounted to RMB199.9 million, representing an increase of RMB133.5 million as compared with RMB66.4 million for the same period in 2021. Profit attributable to the owners of the parent amounted to RMB197.04 million for the six months ended 30 June 2022. As at 30 June 2022, the Group's cash and cash equivalents decreased by 21.90% to RMB972.3 million as compared with RMB1,244.9 million as at 31 December 2021. The Group's total assets decreased by 1.92% to RMB18,074.2 million as at 30 June 2022 as compared with RMB18,428.4 million as at 31 December 2021. The Group's total liabilities decreased by 4.00% to RMB11,205.6 million as at 30 June 2022 as compared with RMB11,672.8 million as at 31 December 2021. The Group's return on total assets for the six months ended 30 June 2022 was 1.11%, as compared with 0.34% for the same period in 2021.

三、管理層對財務狀況與經營業績的討論及分析

以下討論應與本中期報告所載本集團財務信息及附註以及其他章節一併閱讀。

本集團的分部及子分部互相之間存在分部間銷售，因此發生相應收入及銷售成本的分部／子分部間分部內抵銷和分部間抵銷。在本中期報告，除非另有訂明者外，(i)所有的總收入、總毛利及總毛利率的討論均基於扣除分部／子分部的分部內和分部間抵銷後的金額(即反映在我們的合併損益及其他綜合收益表中的金額)進行，及(ii)所有關於業務分部及子分部的收入、毛利及毛利率的討論均基於該分部或子分部的任何分部內或分部間抵銷前的金額進行。

1. 概覽

本集團的收入較2021年同期的人民幣2,196.6百萬元增加5.6%至截至2022年6月30日止六個月的人民幣2,318.8百萬元。本集團於截至2022年6月30日止六個月的利潤為人民幣199.9百萬元，較2021年同期的利潤人民幣66.4百萬元增加人民幣133.5百萬元。截至2022年6月30日止六個月的母公司擁有人應佔利潤為人民幣197.04百萬元。本集團的現金及現金等價物較2021年12月31日的人民幣1,244.9百萬元減少21.90%至2022年6月30日的人民幣972.3百萬元。本集團的資產總額較2021年12月31日的人民幣18,428.4百萬元減少1.92%至2022年6月30日的人民幣18,074.2百萬元。本集團的負債總額較2021年12月31日的人民幣11,672.8百萬元減少4.00%至2022年6月30日的人民幣11,205.6百萬元。本集團截至2022年6月30日止六個月的總資產回報率為1.11%，2021年同期為0.34%。

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

2. Results of Operation

Revenue

The Group's revenue increased by 5.6% to RMB2,318.8 million for the six months ended 30 June 2022 as compared with RMB2,196.6 million for the same period in 2021, primarily due to the increase in sales of franchised desulfurization and denitrification.

Cost of sales

The Group's cost of sales increased by 2.02% to RMB1,834.6 million for the six months ended 30 June 2022 as compared with RMB1,798.3 million for the same period in 2021. The increase in the cost of sales of the Group was due to the increase in the cost of franchised desulfurization and denitrification during the year along with the increase in revenue.

Selling and distribution expenses

The Group's selling and distribution expenses decreased by 37.14% to RMB6.3 million for the six months ended 30 June 2022 as compared with RMB10.0 million for the same period in 2021.

Administrative expenses

The Group's administrative expenses decreased by 27.87% to RMB159.3 million for the six months ended 30 June 2022 as compared with RMB220.8 million for the same period in 2021, mainly due to that the Group implemented duration and contract reform of management, the performance bonus of management members was deferred to be granted in the second half of 2022.

Other income and losses

The Group's other income and losses decreased by 36.69% to RMB35.5 million for the six months ended 30 June 2022 as compared with RMB56.0 million for the same period in 2021.

2. 經營業績

收入

本集團的收入較2021年同期的人民幣2,196.6百萬元增加5.6%至截至2022年6月30日止六個月的人民幣2,318.8百萬元，主要由於特許經營脫硫脫硝的銷售增長。

銷售成本

本集團的銷售成本較2021年同期的人民幣1,798.3百萬元增加2.02%至截至2022年6月30日止六個月的人民幣1,834.6百萬元。本集團的銷售成本增加是由於今年特許經營脫硫脫硝的成本隨收入的增加而增加。

銷售和分銷開支

本集團的銷售和分銷開支較2021年同期的人民幣10.0百萬元減少37.14%至截至2022年6月30日止六個月的人民幣6.3百萬元。

行政開支

本集團的行政開支較2021年同期的人民幣220.8百萬元減少27.87%至截至2022年6月30日止六個月的人民幣159.3百萬元，主要由於本集團實施經理層任期制和契約化改革，經理層成員的績效考核獎勵延遲至2022年下半年發放。

其他損益

本集團的其他損益較2021年同期的人民幣56.0百萬元減少36.69%至截至2022年6月30日止六個月的人民幣35.5百萬元。

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

Other expenses, net

The Group's net other expense increased to RMB4.28 million for the six months ended 30 June 2022 as compared with RMB0 for the same period in 2021, due to the exchange differences arising from provision for pending litigation losses.

Finance costs

The Group's finance costs decreased by 7.92% to RMB103.1 million for the six months ended 30 June 2022 as compared with RMB112.0 million for the same period in 2021, mainly due to the decrease of the Group's borrowing costs caused by the decrease in the annual interest rate of the Group's current borrowings compared with the annual interest rate of the borrowings in the same period of the previous year, and the repayment of existing loans and the replacement of principals of high-interest-rate borrowings with low-interest-rate borrowings.

Profit before tax

As a result of the foregoing factors, the Group's profit before tax increased by 137.19% to RMB241.9 million for the six months ended 30 June 2022 as compared with RMB102.0 million for the same period in 2021.

Income tax expense

The Group's income tax expense was RMB42.0 million for the six months ended 30 June 2022, representing an increase of 18.05% from RMB35.5 million for the same period in 2021.

Profit for the period

The Group's profit for the Reporting Period increased by RMB133.5 million from RMB66.4 million for the six months ended 30 June 2021 to RMB199.9 million for the six months ended 30 June 2022. For the six months ended 30 June 2022, the Group's profit during the Reporting Period as a percentage of its total revenue increased to 8.6% as compared with 3.0% for the same period in 2021.

其他開支淨額

截至2022年6月30日止六個月，本集團的其他開支淨額增至人民幣4.28百萬元，而2021年同期為人民幣零元，是由於待決訴訟損失撥備產生的匯兌差額。

財務支出

本集團的財務支出較2021年同期的人民幣112.0百萬元減少7.92%至截至2022年6月30日止六個月的人民幣103.1百萬元，主要由於本集團本期借款年利率較上年同期借款年利率有所下調，以及存量貸款償還及借低還高本金置換，降低了借款成本。

稅前利潤

基於上述因素，本集團的稅前利潤較2021年同期的人民幣102.0百萬元增加137.19%至截至2022年6月30日止六個月的人民幣241.9百萬元。

所得稅開支

本集團於截至2022年6月30日止六個月的所得稅開支為人民幣42.0百萬元，較2021年同期的人民幣35.5百萬元增加18.05%。

期內利潤

本集團的報告期內利潤由截至2021年6月30日止六個月的人民幣66.4百萬元增加人民幣133.5百萬元至截至2022年6月30日止六個月的人民幣199.9百萬元。截至2022年6月30日止六個月，本集團的報告期內利潤佔其總收入的比例上升至8.6%，2021年同期為3.0%。

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

Profit attributable to owners of the parent

The profit attributable to owners of the parent increased by RMB110.4 million to RMB197.0 million for the six months ended 30 June 2022 as compared with RMB86.6 million for the same period in 2021.

Profit attributable to non-controlling interests

The profit attributable to non-controlling interests increased by 114.2% to RMB2.87 million for the six months ended 30 June 2022 as compared with RMB-20.2 million for the same period in 2021.

3. Results on Business Segments

The following table sets forth a breakdown of the Group's revenue by segment/sub-segment and each segment/sub-segment as a percentage of total revenue for the six months ended 30 June 2022 and 30 June 2021, respectively, as well as the percentage of change:

歸屬於母公司擁有人的利潤

歸屬於母公司擁有人的利潤較2021年同期的人民幣86.6百萬元增加人民幣110.4百萬元至截至2022年6月30日止六個月的人民幣197.0百萬元。

歸屬於非控股權益的利潤

歸屬於非控股權益的利潤較2021年同期的人民幣-20.2百萬元增加114.2%至截至2022年6月30日止六個月的人民幣2.87百萬元。

3. 業務分部業績

下表載列本集團於截至2022年6月30日及2021年6月30日止六個月各分部／子分部收入明細、各自佔總收入的百分比以及變化百分比：

		For the six months ended 30 June 截至6月30日止六個月				
		2022 2022年		2021 2021年		
		Percentage of total revenue before elimination ⁽¹⁾ 估抵銷前總 收入比例 ⁽¹⁾		Percentage of total revenue before elimination ⁽¹⁾ 估抵銷前總 收入比例 ⁽¹⁾		Change 變化
		Revenue 收入 RMB'000 人民幣千元	%	Revenue 收入 RMB'000 人民幣千元	%	%
Environmental Protection and Energy Conservation Solutions:	環保節能解決方案：					
Total revenue of environmental protection and energy conservation solutions before elimination	環保節能解決方案抵銷前總收入	2,233,752	94.9	2,162,153	96.5	3.3
Intra-segment elimination ⁽²⁾	分部內抵銷 ⁽²⁾	(36,669)		(42,776)		
Total revenue of environmental protection and energy conservation solutions after intra-segment elimination	環保節能解決方案分部內抵銷後總收入	2,197,083		2,119,377		3.7
Inter-segment elimination	分部間抵銷	-		-		

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)



		For the six months ended 30 June 截至6月30日止六個月				
		2022 2022年		2021 2021年		
		Percentage of total revenue before elimination ⁽¹⁾ 佔抵銷前總 收入比例 ⁽¹⁾		Percentage of total revenue before elimination ⁽¹⁾ 佔抵銷前總 收入比例 ⁽¹⁾		Change 變化
		Revenue 收入 RMB'000 人民幣千元	%	Revenue 收入 RMB'000 人民幣千元	%	%
External revenue of environmental protection and energy conservation solutions	環保節能解決方案對外部收入	2,197,083		2,119,377		3.7
Renewable Energy Engineering:	可再生能源工程：					
Total revenue of renewable energy engineering	可再生能源工程總收入	99,793	4.2	43,206	2.0	131.0
Inter-segment elimination	分部間抵銷	-		-		
External revenue of renewable energy engineering	可再生能源工程對外部收入	99,793		43,206		131.0
Thermal Power Engineering:	火電工程：					
Total revenue of thermal power engineering	火電工程總收入	0	-	927	-	(100.0)
Inter-segment elimination	分部間抵銷	-		-		
External revenue of thermal power engineering	火電工程對外部收入	0		927		(100.0)
Other Businesses:	其他業務：					
Total revenue of other businesses	其他業務總收入	21,915	0.9	33,441	1.5	(34.5)
Inter-segment elimination ⁽³⁾	分部間抵銷 ⁽³⁾	-		(354)		
External revenue of other businesses	其他業務對外部收入	21,915		33,087		(33.8)
Total revenue before intra- and inter-segment elimination ⁽⁴⁾	分部內和分部間抵銷前收入總額 ⁽⁴⁾	2,355,460	100.0	2,239,727	100.0	5.2
Total intra- and inter-segment elimination ⁽⁵⁾	分部內和分部間抵銷總額 ⁽⁵⁾	(36,669)		(43,130)		
Total revenue	收入總額	2,318,791		2,196,597		5.6



MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

Notes:

- (1) Represents the revenue of each business segment or sub-segment (before any intra- or inter-segment elimination) as a percentage of the total revenue before any intra- or inter-segment elimination.
- (2) Intra-segment elimination of revenue from sub-segments under environmental protection and energy conservation solutions segment mainly arises from the intra-segment sales between denitrification catalysts sub-segment to denitrification facilities engineering sub-segment and environmental protection facility concession operation, respectively.
- (3) Inter-segment elimination of revenue from other businesses segment mainly arises from the inter-segment sales between other businesses segment and environmental protection and energy conservation solutions segment, respectively.
- (4) Represents the aggregate amount of the revenue of all segments/sub-segments before any intra- or inter-segment elimination.
- (5) Represents the aggregate amount of all intra- and inter-segment elimination.

附註：

- (1) 指各業務分部或子分部的收入(任何分部內或分部間抵銷前)佔任何分部內或分部間抵銷前的收入總額的比例。
- (2) 環保節能解決方案分部下子分部收入的分部內抵銷主要來自於脫硝催化劑子分部向脫硝設施工程子分部與環保設施特許經營子分部提供分部內銷售。
- (3) 其他業務分部收入的分部間抵銷主要來自於其他業務與環保節能解決方案分部間的銷售。
- (4) 指所有分部／子分部在任何分部內或分部間抵銷前的收入總和。
- (5) 指所有分部內及分部間抵銷額的總和。

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

The following table sets forth a breakdown of the Group's gross profit by segment/sub-segment and gross profit margin of each business segment/sub-segment for the six months ended 30 June 2022 and 30 June 2021, respectively, as well as the percentage of change in gross profit:

下表載列本集團於截至2022年6月30日及2021年6月30日止六個月各業務分部／子分部的毛利、毛利率明細以及毛利變化百分比：

		For the six months ended 30 June 截至6月30日止六個月				
		2022 2022年		2021 2021年		
		Gross profit margin ⁽¹⁾ 毛利 ⁽¹⁾ RMB'000 人民幣千元	Gross profit margin ⁽²⁾ 毛利率 ⁽²⁾ %	Gross profit ⁽¹⁾ 毛利 ⁽¹⁾ RMB'000 人民幣千元	Gross profit margin ⁽²⁾ 毛利率 ⁽²⁾ %	Change of gross profit 毛利之變化 %
Environmental Protection and Energy Conservation Solutions:	環保節能解決方案：					
Total gross profit of environmental protection and energy conservation solutions	環保節能解決方案總毛利	470,266	21.4	371,615	17.2	26.5
Total gross profit of renewable energy engineering	可再生能源工程總毛利	13,860	13.9	366	0.8	3,686.9
Total gross profit of thermal power engineering	火電工程總毛利	-	-	(5)	(0.5)	-
Total gross profit of other businesses	其他業務總毛利	42	0.2	18,144	54.3	(99.8)
Total gross profit and gross profit margin⁽³⁾	總毛利及毛利率⁽³⁾	484,168	20.9	398,278	18.1	21.6

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

Notes:

- (1) Calculated based on the revenue of each segment or sub-segment (before any intra- or inter-segment elimination) minus the cost of sales of such segment or sub-segment (before any intra- or inter-segment elimination).
- (2) Calculated based on the gross profit of each segment or sub-segment calculated according to note (1) divided by the revenue of such segment or sub-segment (before any intra- or inter-segment elimination).
- (3) Total gross profit equals total revenue (being the revenue reflected on our consolidated statement of profit or loss and other comprehensive income) minus total cost of sales (being the cost of sales reflected on our consolidated statement of profit or loss and other comprehensive income). Overall gross profit margin equals total gross profit divided by total revenue.

4. Cash Flows

As at 30 June 2022, the Group's cash and cash equivalents decreased by 21.90% to RMB972.3 million as compared with RMB1,244.9 million as at 31 December 2021. Such decrease was mainly attributable to the increase in the cash flow used in financing activities of the Group.

5. Working Capital

As at 30 June 2022, the Group's net current assets decreased by 13.16% to RMB948.7 million as compared with RMB1,092.5 million as at 31 December 2021, primarily due to the increase of receivables, and the decrease of interest-bearing bank borrowings and other loans.

6. Indebtedness

As at 30 June 2022, the Group's borrowings decreased by 4.74% to RMB5,670.7 million as compared with RMB5,952.8 million as at 31 December 2021.

附註：

- (1) 根據各分部或子分部的收入(任何分部內或分部間抵銷前)減去該分部或子分部的銷售成本(任何分部內或分部間抵銷前)計算得出。
- (2) 根據各分部或子分部根據上述附註(1)計算得出的毛利金額除以該分部或子分部的收入(任何分部內或分部間抵銷前)計算得出。
- (3) 總毛利等於總收入(即反映在我們的合併損益及其他綜合收益表上的收入)減去總銷售成本(即反映在我們的合併損益及其他綜合收益表上的銷售成本)。總毛利率乃以前述總毛利除以總收入計算得出。

4. 現金流量

本集團的現金及現金等價物較於2021年12月31日的人民幣1,244.9百萬元減少21.90%至於2022年6月30日的人民幣972.3百萬元。該減少主要由於本集團用於融資活動使用現金流量增加。

5. 營運資本

本集團的流動資產淨額較於2021年12月31日的人民幣1,092.5百萬元減少13.16%至於2022年6月30日的人民幣948.7百萬元，主要由於應收賬款增加、計息銀行借款和其他貸款減少。

6. 債務

本集團的借款較於2021年12月31日的人民幣5,952.8百萬元減少4.74%至於2022年6月30日的人民幣5,670.7百萬元。

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

7. Capital Expenditure

The Group's capital expenditure decreased by 35.71% to RMB102.7 million for the six months ended 30 June 2022 as compared with RMB159.7 million for the six months ended 30 June 2021.

8. Net Gearing Ratio

As at 30 June 2022, the Group's net gearing ratio (net debt (total borrowings minus cash and cash equivalents) divided by the sum of net debt and total equity) was 40.62%, representing a decrease of 0.45 percentage point as compared with 41.07% as at 31 December 2021.

7. 資本開支

本集團的資本開支較截至2021年6月30日止六個月的人民幣159.7百萬元減少35.71%至截至2022年6月30日止六個月的人民幣102.7百萬元。

8. 淨債務資本率

於2022年6月30日，本集團的淨債務資本率(淨債務(即借款總額減現金及現金等價物)除以淨債務與權益總額之和)為40.62%，而於2021年12月31日的淨債務資本率為41.07%，減少0.45個百分點。

IV. RISK FACTORS AND RISK MANAGEMENT

Risks on environmental protection and energy conservation policies

The Group provides substantially all of its products and services in the PRC, and the development of its business is greatly dependent on the environmental protection policies of the PRC. Environmental protection industry is one of the major industries that benefit from the constant support of the PRC government. The market demand for the Group's environmental protection and energy conservation products and services and the revenue generated therefrom are directly affected by the environmental protection policies of the PRC. However, if there is any adverse change in energy conservation policies, it may result in a material and adverse effect on the business prospects, results of operations and financial condition of the Group. The management of the Group is of the view that it is unlikely for the PRC government to revise such environmental protection policies to result in an adverse effect or to withdraw any resources invested in the environmental protection industry. Moreover, the Group, as a trendsetter and leader of the environmental protection and energy conservation for the PRC's electric power industry, has participated in the formulation of various industrial policies and standards, which allows it to catch the latest industry trends and respond in a timely fashion.

四、風險因素及風險管理

環保節能政策風險

本集團在中國境內提供絕大部份的產品及服務，因此本集團的業務發展主要依賴於中國的環保政策。環保行業是受惠於中國政府持續支持的主要行業之一。本集團的環保節能產品及服務的市場需求以及本集團於該業務分部產生的收入與中國的環保節能政策直接相關。然而，倘若環保節能政策有任何不利改變，則可能對本集團的業務前景、經營業績及財務狀況造成重大不利影響。本集團的管理層認為中國政府不大可能修訂該等環保政策以造成不利影響，或減少投入環保行業。此外，本集團作為中國電力行業環保節能領域的主導者和領先者，多次參與多個行業政策標準的制訂，能夠了解前沿的行業變化趨勢，及時採取應對策略。

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

Risks on connected transactions with China Datang Group

The Group has been conducting various transactions with China Datang Group and its associates, and will continue to enter into such transactions in the future. For the six months ended 30 June 2022, the total value of goods sold and services provided by the Group to China Datang Group and its associates was approximately RMB2,102.1 million, representing approximately 90.7% of the total revenue of the Group. For the six months ended 30 June 2022, the total value of goods purchased and services received by the Group from China Datang Group and its associates was approximately RMB680.5 million, representing approximately 37.1% of the total cost of the Group. The Group has been actively expanding its client base. For example, as at 30 June 2022, the Group entered into contracts in the amount of RMB255 million with clients other than China Datang Group and its associates, representing approximately 53% of the total contract amount of the Group.

Cash flow risks

The Group had positive operating cash flows for the six months ended 30 June 2022. The Group cannot assure that its operating cash flows for any future period will be positive. The Group's ability to generate cash inflows from operating activities in the future will depend in large part on project schedule and billing arrangement, its ability to collect receivables from its customers in a timely manner and the credit terms it can obtain. If the Group is not able to generate sufficient cash flows from its operations or obtain sufficient financing to support its business operation, the Group's growth prospects may be materially and adversely affected. The Group plans to implement diversified measures to collect receivables in order to significantly improve operating cash flow. In addition, the Group has been proactively seeking finance to support the development and expansion of its business. As at 30 June 2022, the Group had available bank facilities of RMB17.054 billion.

與中國大唐集團關連交易的風險

本集團過往一直與中國大唐集團及其聯繫人進行各類交易，且本集團日後亦將繼續與其訂立交易。截至2022年6月30日止六個月，本集團向中國大唐集團及其聯繫人銷售貨物及提供服務總價值約為人民幣2,102.1百萬元，佔本集團總收入約90.7%。截至2022年6月30日止六個月，本集團向中國大唐集團及其聯繫人購買貨物及接受服務總價值約為人民幣680.5百萬元，佔本集團總成本約37.1%。本集團一直在積極拓展其客戶群，例如於2022年6月30日，本集團與中國大唐集團及其聯繫人以外客戶訂立合同價值人民幣2.55億元，佔本集團總合同金額約53%。

現金流量風險

本集團截至2022年6月30日止六個月的經營現金流量為正數，本集團無法保證於任何未來期間的經營現金流量將為正數。本集團未來錄得經營活動所得現金流入的能力將大部份取決於項目時間表及開賬單的安排、本集團及時向客戶收回應收款項的能力及本集團能取得的信貸條款。倘本集團未能從營運中產生充足的現金流量或取得充足的融資以支持業務經營，本集團的增長前景可能受到重大不利影響。本集團計劃採取多種措施開展應收賬款清收工作，著力改善經營現金流。另外，本集團一直積極為業務發展以及擴張尋求融資，於2022年6月30日，本集團尚有人民幣170.54億元的可用銀行授信額度。

Industry risks

The Group's business primarily focuses on the environmental protection and energy conservation for coal-fired power plants, and therefore the market demand for the Group's environmental protection and energy conservation business relies heavily on the growth rate of the coal-fired power generation output in the PRC. In particular, the revenue generated from concession operations will be directly affected by the power generation output of coal-fired power plants. As pollution has become an increasingly severe environmental issue in the PRC, the PRC government has shown considerable concern for the adjustment to the national energy structure and development. Therefore, there can be no assurance that coal-fired power generation output in the PRC will continue to grow at the current pace. If the increase of coal-fired power generation output in the PRC slows down, it may result in a decrease of utilization hours of coal-fired power generation units, or a lower demand for the Group's products and services, which will materially and adversely affect our business prospects, results of operations and financial position. The management of the Group is of the view that, in terms of the power generation portfolio in the PRC, coal-fired power generation still dominates the market. In addition, the vast majority of the Group's concession operations locate in coastal areas or economically developed areas, where the utilization hours of coal-fired power generation are higher than the average level nationwide. The Group plans to actively explore clients in the iron and steel, cement and petro-chemical industries.

Risks on overseas business

The Group is aggressively developing its overseas business, especially in the Belt and Road Initiative countries. The Group's global business expansion may be hindered by risks such as: lack of availability of overseas financing, possible difficulties in the management of personnel and business operations, lack of understanding of the local business environment, financial and management system or legal system, volatility in currency exchange rates, cultural differences, changes in political, regulatory or economic environments in the foreign countries or other regions, as well as the risk of barriers. If the Group fails to manage the above risks effectively, its overseas expansion may be hindered, which may in turn result in a material and adverse effect on its business prospects, results of operations and financial condition. The management of the Group is of the view that, the PRC government has been actively establishing friendly diplomatic relations with the Belt and Road Initiative countries and improving the overseas investment atmosphere. The Group has extensive project experience in some countries, for instance India and Thailand, which can serve as examples for its future overseas development, and the Group has established rather mature risk management and internal control systems to mitigate risks on overseas business to the greatest extent possible.

行業風險

本集團的大部分業務集中於燃煤電廠的環保節能，因此本集團環保節能業務的市場需求很大程度上依賴於中國燃煤發電量的增長率，特別是特許經營業務的收入與燃煤電廠發電量直接相關。由於污染成為中國日趨嚴重的環境問題，中國政府已表示非常重視調整國家能源結構及發展。因此，本集團不能保證中國燃煤發電量會繼續按現有速度增長。如果中國燃煤發電量的增長放緩，則其可能會導致燃煤發電機組利用小時下降或對本集團的產品和服務需求下降，對我們的業務前景、經營業績和財務狀況造成重大不利影響。本集團的管理層認為，就中國的發電結構而言，燃煤發電仍是市場上的主流能源。此外，本集團大多數的特許經營業務主要集中於沿海或經濟發達地區，燃煤發電利用小時高於全國平均水平。本集團計劃積極拓展如鋼鐵、水泥及石化行業的客戶。

海外業務風險

本集團正積極開發其海外業務，尤其是積極拓展「一帶一路」沿線國家市場。本集團的全球業務拓展可能受下列風險所阻礙，例如：缺乏海外融資、人員及業務經營的管理上可能遇到困難，缺乏對當地業務環境、財務和管理體系或法律制度的了解，貨幣匯率的波動，文化差異，外國或其他地區的政治、監管或經濟環境的變化，以及壁壘風險。如果本集團無法有效管理上述風險，本集團的海外拓展將會受阻礙，從而對本集團的業務前景、經營業績及財務狀況造成重大不利影響。本集團的管理層認為中國政府也一直在積極與「一帶一路」沿線國家建立良好外交關係，改善海外投資環境。本集團在一些國家例如印度、泰國，具有豐富的項目經驗，可以供其未來海外發展參考，而本集團建立了相對完善風險管理及內部控制體系，旨在最大可能程度規避海外業務風險。

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

V. EMPLOYEES AND REMUNERATION POLICY 五、員工及薪酬政策

As at 30 June 2022, we had 1,020 employees, substantially all of whom were based in the PRC. The Group has individually established labor union branches. Currently, the Group has entered into employment agreements with all employees, in which the position, duties, remuneration, employment benefits, training, confidentiality obligations relating to trade secrets and grounds for termination are specified pursuant to the Labor Law of the PRC and other relevant regulations.

The table below sets forth the number of employees as at 30 June 2022 by their functions:

於2022年6月30日，我們共聘用1,020名僱員，其中絕大多數僱員常駐中國。本集團均設有獨立工會分支。目前，本集團已與全部員工訂立了勞動合同，按照中國勞動法及其他相關法規的規定，明確約定了僱員的職位、職責、薪酬、員工福利、培訓、有關商業秘密的保密責任及終止理由等事項。

下表列示於2022年6月30日按職能劃分的員工人數：

Function		Number of employees	Percentage of the total number of employees
職能		僱員人數	佔總僱員人數百分比
Concession operation management personnel	特許經營管理人員	316	30.98%
Engineering and technical personnel	工程技術人員	201	19.71%
Sales personnel	銷售人員	72	7.06%
Research and development personnel	研發人員	311	30.49%
Administrative and management personnel	行政管理人員	84	8.24%
Manufacture personnel	生產人員	23	2.25%
Others	其他	13	1.27%
Total	合計	1,020	100.00%

According to the development requirements, the Company further established and improved the overall responsibility management system and the whole staff performance evaluation system on the basis of clear position objectives. In order to inspire the potential and work enthusiasm of employees, to fully embody the incentive and constraint behavior, and to lay a solid foundation for the orderly career development of all the employees, the Company divides the specific task in development planning into each department and position, objectively and accurately evaluates the job targets completing performance of employees by building position performance targets and performance standard, and realizes awards and punishments according to the score that is formed by evaluation results quantification.

根據發展要求，本公司基於明確的狀況目標，進一步建立及改善整體責任管理制度及全員績效評估制度。為了激勵僱員的潛能及工作熱誠，完全體現鼓勵及限制行為，以及為所有僱員有序的事業發展奠下穩固基礎，本公司分配發展計劃的特定工作至各個部門及職位，透過建立職位績效目標及績效水平，客觀及確實評估僱員完成績效的工作目標，並根據量化評估結果所得出的分數實現獎懲。

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED) 管理層討論與分析(續)

The remuneration package of our employees includes salaries, bonuses and allowances. Our employees also receive welfare benefits, including medical care, housing subsidies, retirement and other benefits. We carry out employee performance appraisals, establish diversified and dynamic appraisal mechanisms. The department heads' salaries and remunerations will be adjusted corresponding to the results of their performance appraisals.

In order to attract and retain high-quality employees and further improve their knowledge, skill level and professional attainments, we place a strong emphasis on the training of our employees. We offer in-service education, training and other opportunities to our managers and employees to improve their professional skills and knowledge.

During the Reporting Period, the Group provided 21 training programs on business management, professional techniques and production skills, with 100% employees attending the trainings.

The Group complies with the Labor Law of the PRC and the Labor Contract Law of the PRC in all material respects and makes contributions to social insurance and housing provident fund for our employees according to the above laws, among which the social insurance includes basic pension insurance, medical insurance, work-related injury insurance, unemployment insurance and maternity insurance.

我們員工的薪酬組合包括薪金、獎金及津貼。我們的僱員亦享有福利，包括醫療、房屋資助、退休及其他福利。我們推行僱員業績考核，建立了不同形式、靈活的考評機制，同時建立了崗位績效與部門負責人的工資薪酬相匹配的機制。

為吸納及挽留高素質的僱員及進一步提高僱員的知識、技能水平及職業素養，我們十分注重對僱員的培訓。我們向管理人員及僱員提供在職教育、培訓及其他機會，提高彼等的專業技能及知識。

於報告期內，本集團進行21個經營管理類、專業技術類及生產技能類的培訓計劃，僱員培訓率達到100%。

本集團於所有重大方面遵守中國勞動法及中國勞動合同法，依法為我們的僱員繳納社會保險及住房公積金，其中社會保險包括基本養老保險、醫療保險、工傷保險、失業保險及生育保險。

VI. OUTLOOK ON THE GROUP'S FUTURE DEVELOPMENT

Encountering complexity of and constant changes in the industry and development environment, the Group will focus on four aspects as follows:

Firstly, improve operation management level and profitability. For concession operation business, the Group will establish the "one policy for one plant" indicator system to continuously reduce energy consumption and material consumption levels, accelerate the transformation of 14 gypsum disposal projects into gypsum comprehensive utilization projects, take measures to improve the quality of gypsum, and improve the efficiency of asset operation. For catalysts business, the Group will reduce manufacturing costs in terms of production and bulk raw material procurement, vigorously promote the research and development of new catalysts, and increase the added value of products in terms of technological innovation, so as to continuously improve profitability. For engineering business, the Group will enhance the competitiveness of technical routes and design plans, make every effort to increase the bid-winning rate, and increase the number of contracts in hand, so as to create conditions for a full turnaround.

六、本集團未來發展的展望

面對複雜多變的行業形勢和發展環境，本集團將重點做好以下四個方面的工作：

一是提升經營管理水平和盈利能力。特許經營業務建立「一廠一策」指標體系，持續降低能耗、物耗水平，加快推進14個石膏處置項目轉化為石膏綜合利用項目，做好石膏品質提升措施，提升資產運營效益。催化劑業務從生產環節和大宗原材料採購方面降低製造成本，大力推進新型催化劑的研發工作，從技術創新方面提升產品附加值，不斷提高盈利水平。工程業務增強技術路線和設計方案競爭能力，全力提升中標率，增加在手合同，為全面扭虧創造條件。



MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)

Secondly, strengthen in-depth planning of new energy business. The Group will further implement systematic decision-making, realize the fundamental transformation from “load driving power supply” to “interaction of power supply and load” by means of integrated energy services such as smart power grid, micro-grid, multi-energy complementation, “electricity sales +” virtual power plant, etc. The Group will make every effort to optimize the design to reduce investment costs, implement cost control of the whole process and all elements, and improve the project income level. The Group will speed up to find the entry point of energy storage projects, take the opportunity of participating in the construction of Ningxia Zhongning compressed air energy storage project to fully summarize construction experience, and deeply explore potential businesses. The Group will strengthen its involvement in the integration of electrochemical energy storage system, actively participate in the construction of shared energy storage projects, and realize technology introduction, assimilation and re-innovation, so as to lay a foundation for subsequent business development.

Thirdly, promote in-depth environmental governance. The Group will further plan to form mature development ideas for disposal and recycling of retired wind turbine blades and photovoltaic modules, noise control and other businesses, deeply explore market demand for sewage treatment, actively promote the implementation of carbon capture demonstration projects, and further acquire core technologies for carbon capture, storage and utilization. The Group will mainly promote the ecology-oriented development model of “ecological environment governance + industrial introduction”, and systematically plan the industrial layout and business model in the two directions of “governance” and “introduction”. The Group will comprehensively and systematically evaluate the profitability and management model of the Sanmenxia gypsum production line, effectively establish mature product operation and sales channels, and expand production capacity of building gypsum by relying on concession operation resources.

二是加強新能源業務深度謀劃。進一步系統施策，利用智能電網、微網、多能互補、「售電+」虛擬電廠等綜合能源服務的方式，實現「源隨荷動」向「源荷互動」的根本轉變。全力加強優化設計降低投資造價，做好全過程全要素的成本管控，提升項目收益水平。加快找到儲能項目切入點，利用參與寧夏中寧壓縮空氣儲能項目建設契機，充分總結建設經驗，深度挖掘潛在業務。加強對電化學儲能系統集成的介入，積極參與共享儲能項目建設，實現技術引進和消化吸收再創新，為後續業務開拓奠定基礎。

三是推進環境深度治理走深走實。進一步謀劃退役風機葉片、光伏組件處置及循環利用、噪音治理等業務形成成熟的發展思路，深入挖掘污水治理方面的市場需求，積極推進碳捕集示範項目落地，進一步獲取碳捕集、封存和利用核心技術。主推「生態環境治理+產業導入」的生態環境導向的開發模式，系統謀劃「治理」和「導入」兩個方向的產業布局和商業模式。全面系統評價三門峽石膏生產線的盈利能力和管理模式，切實建立成熟的產品運行及銷售渠道，依託特許經營業務資源擴大建築石膏產能。

MANAGEMENT DISCUSSION AND ANALYSIS (CONTINUED)

管理層討論與分析(續)



Fourthly, strengthen the upgrading of traditional technologies and development of new technologies. The Group will strengthen the improvement of design optimization capabilities and technological upgrading of engineering businesses such as traditional desulfurization, denitrification and dust removal, urea hydrolysis, coal yard closure and renewable energy, strengthen the promotion and application of technologies such as low-flash, rotary atomization drying zero emission and treatment of heavy metal wastewater by ferric oxide microcrystal method, and further reduce costs and improve technical reliability. The Group will strengthen the research on green and low-carbon technologies, focus on the near-zero emission multi-pollutant deep removal technology as well as the exploration and research and development of new environmentally friendly products, study derivative technologies related to integrated energy services, and strengthen technical research on wastewater and solid waste treatment and utilization, so as to effectively drive transformation and upgrading of the Company through technological changes.

四是加強傳統技術升級和新技術拓展。加強傳統脫硫脫硝除塵、尿素水解、煤場封閉、可再生能源等工程業務的設計優化能力提升和技術升級換代，加強低溫閃蒸、旋轉霧化乾燥零排放、鐵氧微晶體法處理重金屬廢水等技術的推廣應用，進一步降低成本提高技術可靠性。加強綠色低碳技術攻關，聚焦近零排放的多污染物深度脫除技術和新型環保產品的探索及研發工作，研究與綜合能源服務相關聯的衍生技術，加強廢水、固廢處理和利用方面的技術研究，切實以技術變革帶動企業轉型升級。

CHANGES IN SHARE CAPITAL AND SHAREHOLDINGS OF SUBSTANTIAL SHAREHOLDERS

股本變動及主要股東持股情況

I. CHANGES IN SHARE CAPITAL OF THE COMPANY 一. 本公司股本變動情況

		Number of Shares as at 30 June 2022 於2022年 6月30日的 股份數目	Number of Shares as at 31 December 2021 於2021年 12月31日的 股份數目	Increase/ decrease (+, -) during the Reporting Period 報告期內增/減 (+, -)
Domestic Shares	內資股	2,343,245,800	2,343,245,800	0
H Shares	H股	624,296,200	624,296,200	0
Total	合計	2,967,542,000	2,967,542,000	0

II. INTERESTS AND SHORT POSITIONS OF THE DIRECTORS, SUPERVISORS AND CHIEF EXECUTIVE IN THE SHARES, UNDERLYING SHARES AND DEBENTURES OF THE COMPANY AND ITS ASSOCIATED CORPORATIONS 二. 董事、監事及主要行政人員於本公司及其相聯法團的股份、相關股份及債券的權益及淡倉

As at 30 June 2022, none of the Directors, Supervisors or chief executive of the Company had any interest or short position in the Shares, underlying Shares or debentures of the Company or any of its associated corporations (within the meaning of Part XV of the SFO) which would have to be notified to the Company and the Stock Exchange pursuant to Divisions 7 and 8 of Part XV of the SFO (including interests or short positions which they were taken or deemed to have under such provisions of the SFO), or which were required, pursuant to Section 352 of the SFO, to be recorded in the register referred to therein, or which were required to be notified to the Company and the Stock Exchange pursuant to the Model Code.

於2022年6月30日，各董事、監事或本公司主要行政人員概無在本公司或其任何相聯法團(定義見證券及期貨條例第XV部)的股份、相關股份或債券中擁有任何根據證券及期貨條例第XV部第7和第8分部須知會本公司及聯交所的權益或淡倉(包括根據證券及期貨條例的該等條文被當作或視為擁有的權益或淡倉)，或根據證券及期貨條例第352條須登記於該條所指登記冊的權益或淡倉，或根據標準守則須知會本公司及聯交所的權益或淡倉。

CHANGES IN SHARE CAPITAL AND SHAREHOLDINGS OF SUBSTANTIAL SHAREHOLDERS (CONTINUED) 股本變動及主要股東持股情況(續)

III. INTERESTS AND SHORT POSITIONS OF SUBSTANTIAL SHAREHOLDERS AND OTHER PERSONS IN SHARES AND UNDERLYING SHARES

As at 30 June 2022, to the best of the Directors' knowledge, having made all reasonable enquiries, the following persons (other than the Directors, Supervisors or chief executive of the Company) had interests or short positions in the Shares or underlying Shares which would fall to be disclosed to the Company pursuant to the provisions of Divisions 2 and 3 of Part XV of the SFO and, which were entered in the register required to be kept by the Company pursuant to Section 336 of the SFO:

三. 主要股東及其他人士於股份及相關股份中的權益及淡倉

於2022年6月30日，據董事作出一切合理查詢後所盡知，下列人士（各董事、監事或本公司主要行政人員除外）於股份或相關股份中擁有須根據證券及期貨條例第XV部第2及第3分部向本公司披露並已記錄於本公司根據證券及期貨條例第336條須存置的登記冊內的權益或淡倉：

			As at 30 June 2022 於2022年6月30日		
Name of Substantial Shareholder 主要股東名稱	Class of Shares 股份類別	Capacity 身份	Number of Shares/ underlying Shares held or deemed to be held 持有或被視為持 有的股份/ 相關股份數目 (Share) (股)	Approximate percentage of Shares/ underlying Shares ⁽¹⁾ 佔股份/ 相關股份的 概約百分比 ⁽¹⁾ (%) (%)	Percentage in the total Shares ⁽²⁾ 佔股份總數的 百分比 ⁽²⁾ (%) (%)
China Datang 中國大唐	Domestic Shares 內資股	Beneficial owner 實益擁有人	2,343,245,800 (Long position) (好倉)	100	78.96
Anbang Investment Holdings Co., Limited ⁽³⁾ 安邦投資控股有限公司 ⁽³⁾	H Shares H股	Beneficial owner 實益擁有人	120,540,000 (Long position) (好倉)	19.31	4.06
Anbang Group Holdings Co. Limited ⁽³⁾ 安邦集團控股有限公司 ⁽³⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	120,540,000 (Long position) (好倉)	19.31	4.06
Dajia Life Insurance Co., Ltd. ⁽³⁾ 大家人壽保險股份有限公司 ⁽³⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	120,540,000 (Long position) (好倉)	19.31	4.06
Dajia Insurance Group Co., Ltd. ⁽³⁾ 大家保險集團有限責任公司 ⁽³⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	120,540,000 (Long position) (好倉)	19.31	4.06

CHANGES IN SHARE CAPITAL AND SHAREHOLDINGS OF SUBSTANTIAL SHAREHOLDERS (CONTINUED)

股本變動及主要股東持股情況(續)

As at 30 June 2022 於2022年6月30日					
Name of Substantial Shareholder 主要股東名稱	Class of Shares 股份類別	Capacity 身份	Number of Shares/ underlying Shares held or deemed to be held 持有或被視為持 有的股份/ 相關股份數目 (Share) (股)	Approximate percentage of Shares/ underlying Shares ⁽¹⁾ 佔股份/ 相關股份的 概約百分比 ⁽¹⁾ (%) (%)	Percentage in the total Shares ⁽²⁾ 佔股份總數的 百分比 ⁽²⁾ (%) (%)
China Chengtong Hong Kong Company Limited ⁽⁴⁾ 中國誠通香港有限公司 ⁽⁴⁾	H Shares H股	Beneficial owner 實益擁有人	61,557,000 (Long position) (好倉)	9.86	2.07
China Chengtong Holdings Group Ltd. ⁽⁴⁾ 中國誠通控股集團有限公司 ⁽⁴⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	61,557,000 (Long position) (好倉)	9.86	2.07
China Energy Engineering Corporation Limited 中國能源建設集團有限公司	H Shares H股	Beneficial owner 實益擁有人	61,557,000 (Long position) (好倉)	9.86	2.07
State Grid Yingda International Holdings Group Ltd. ⁽⁵⁾ 國網英大國際控股集團有限公司 ⁽⁵⁾	H Shares H股	Beneficial owner 實益擁有人	61,467,000 (Long position) (好倉)	9.85	2.07
State Grid Corporation of China ⁽⁵⁾ 國家電網公司 ⁽⁵⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	61,467,000 (Long position) (好倉)	9.85	2.07
Three Gorges Capital Holdings Co., Ltd. ⁽⁶⁾ 三峽資本控股有限責任公司 ⁽⁶⁾	H Shares H股	Beneficial owner 實益擁有人	59,506,000 (Long position) (好倉)	9.53	2.01
China Three Gorges Corporation ⁽⁶⁾ 中國長江三峽集團公司 ⁽⁶⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	59,506,000 (Long position) (好倉)	9.53	2.01

CHANGES IN SHARE CAPITAL AND SHAREHOLDINGS OF SUBSTANTIAL SHAREHOLDERS (CONTINUED)

股本變動及主要股東持股情況(續)



As at 30 June 2022 於2022年6月30日					
Name of Substantial Shareholder 主要股東名稱	Class of Shares 股份類別	Capacity 身份	Number of Shares/ underlying Shares held or deemed to be held 持有或被視為持 有的股份/ 相關股份數目 (Share) (股)	Approximate percentage of Shares/ underlying Shares ⁽¹⁾ 佔股份/ 相關股份的 概約百分比 ⁽¹⁾ (%) (%)	Percentage in the total Shares ⁽²⁾ 佔股份總數的 百分比 ⁽²⁾ (%) (%)
China Huaneng Group Hong Kong Limited ⁽⁷⁾ 中國華能集團香港有限公司 ⁽⁷⁾	H Shares H股	Beneficial owner 實益擁有人	49,002,000 (Long position) (好倉)	7.85	1.65
China Huaneng Group ⁽⁷⁾ 中國華能集團公司 ⁽⁷⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	49,002,000 (Long position) (好倉)	7.85	1.65
China Huadian Hong Kong Company Limited ⁽⁸⁾ 中國華電香港有限公司 ⁽⁸⁾	H Shares H股	Beneficial owner 實益擁有人	48,628,000 (Long position) (好倉)	7.79	1.64
China Huadian Corporation ⁽⁸⁾ 中國華電集團公司 ⁽⁸⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	48,628,000 (Long position) (好倉)	7.79	1.64
Taiping General Insurance Co., Ltd. ⁽⁹⁾ 太平財產保險有限公司 ⁽⁹⁾	H Shares H股	Beneficial owner 實益擁有人	41,038,000 (Long position) (好倉)	6.57	1.38
China Taiping Insurance Holdings Company Limited ⁽⁹⁾ 中國太平保險控股有限公司 ⁽⁹⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	41,038,000 (Long position) (好倉)	6.57	1.38
China Taiping Insurance (HK) Company Limited ⁽⁹⁾ 中國太平保險集團(香港)有限公司 ⁽⁹⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	41,038,000 (Long position) (好倉)	6.57	1.38

CHANGES IN SHARE CAPITAL AND SHAREHOLDINGS OF SUBSTANTIAL SHAREHOLDERS (CONTINUED)

股本變動及主要股東持股情況(續)

			As at 30 June 2022 於2022年6月30日		
Name of Substantial Shareholder 主要股東名稱	Class of Shares 股份類別	Capacity 身份	Number of Shares/ underlying Shares held or deemed to be held 持有或被視為持 有的股份/ 相關股份數目 (Share) (股)	Approximate percentage of Shares/ underlying Shares ⁽¹⁾ 佔股份/ 相關股份的 概約百分比 ⁽¹⁾ (%) (%)	Percentage in the total Shares ⁽²⁾ 佔股份總數的 百分比 ⁽²⁾ (%) (%)
China Taiping Insurance Group Ltd. ⁽⁹⁾ 中國太平保險集團有限責任公司 ⁽⁹⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	41,038,000 (Long position) (好倉)	6.57	1.38
China Life Franklin Asset Management Co., Limited ⁽¹⁰⁾ 中國人壽富蘭克林資產管理有限公司 ⁽¹⁰⁾	H Shares H股	Beneficial owner 實益擁有人	41,038,000 (Long position) (好倉)	6.57	1.38
China Life Asset Management Company Limited ⁽¹⁰⁾ 中國人壽資產管理有限公司 ⁽¹⁰⁾	H Shares H股	Interest in controlled corporation 受控制法團權益	41,038,000 (Long position) (好倉)	6.57	1.38
China Life Insurance Company Limited ⁽¹⁰⁾ 中國人壽保險股份有限公司 ⁽¹⁰⁾	H Shares H股	Beneficial owner 實益擁有人	20,519,000 (Long position) (好倉)	3.29	0.69
		Interest in controlled corporation 受控制法團權益	41,038,000 (Long position) (好倉)	6.57	1.38

CHANGES IN SHARE CAPITAL AND SHAREHOLDINGS OF SUBSTANTIAL SHAREHOLDERS (CONTINUED)

股本變動及主要股東持股情況(續)



As at 30 June 2022 於2022年6月30日					
Name of Substantial Shareholder	Class of Shares	Capacity	Number of Shares/ underlying Shares held or deemed to be held	Approximate percentage of Shares/ underlying Shares ⁽¹⁾	Percentage in the total Shares ⁽²⁾
主要股東名稱	股份類別	身份	持有或被視為持 有的股份/ 相關股份數目 (Share) (股)	佔股份/ 相關股份的 概約百分比 ⁽¹⁾ (%) (%)	佔股份總數的 百分比 ⁽²⁾ (%) (%)
China Life Insurance (Group) Company ⁽¹⁰⁾ 中國人壽保險(集團)公司 ⁽¹⁰⁾	H Shares H股	Beneficial owner 實益擁有人	41,038,000 (Long position) (好倉)	6.57	1.38
		Interest in controlled corporation 受控制法團權益	20,519,000 (Long position) (好倉)	3.29	0.69
		Interest in controlled corporation 受控制法團權益	41,038,000 (Long position) (好倉)	6.57	1.38

Notes:

- (1) The calculation is based on the percentage of shareholding in a total of 2,343,245,800 Domestic Shares and a total of 624,296,200 H Shares respectively as at 30 June 2022.
- (2) The calculation is based on the percentage of shareholding in a total of 2,967,542,000 Shares as at 30 June 2022.
- (3) Anbang Investment Holdings Co., Limited is a wholly-owned subsidiary of Anbang Group Holdings Co. Limited. Anbang Group Holdings Co. Limited is a wholly-owned subsidiary of Dajia Life Insurance Co., Ltd., which is wholly-owned by Dajia Insurance Group Co., Ltd..

附註：

- (1) 以於2022年6月30日分別合共2,343,245,800股內資股及合共624,296,200股H股的股權百分比為基準計算。
- (2) 以於2022年6月30日合共2,967,542,000股股份的股權百分比為基準計算。
- (3) 安邦投資控股有限公司為安邦集團控股有限公司的全資附屬公司。安邦集團控股有限公司為大家人壽保險股份有限公司的全資附屬公司，而大家人壽保險股份有限公司由大家保險集團有限責任公司全資擁有。

CHANGES IN SHARE CAPITAL AND SHAREHOLDINGS OF SUBSTANTIAL SHAREHOLDERS (CONTINUED)

股本變動及主要股東持股情況(續)

- | | | | |
|------|--|------|--|
| (4) | China Chengtong Hong Kong Company Limited is a wholly-owned subsidiary of China Chengtong Holdings Group Ltd.. | (4) | 中國誠通香港有限公司為中國誠通控股集團有限公司的全資附屬公司。 |
| (5) | State Grid Yingda International Holdings Group Ltd. is a wholly-owned subsidiary of State Grid Corporation of China. | (5) | 國網英大國際控股集團有限公司為國家電網公司的全資附屬公司。 |
| (6) | Three Gorges Capital Holdings Co., Ltd. is the wholly-owned subsidiary of China Three Gorges Corporation. | (6) | 三峽資本控股有限責任公司為中國長江三峽集團公司的全資附屬公司。 |
| (7) | China Huaneng Group Hong Kong Limited is a wholly-owned subsidiary of China Huaneng Group. | (7) | 中國華能集團香港有限公司為中國華能集團公司的全資附屬公司。 |
| (8) | China Huadian Hong Kong Company Limited is a wholly-owned subsidiary of China Huadian Corporation. | (8) | 中國華電香港有限公司為中國華電集團公司的全資附屬公司。 |
| (9) | Taiping General Insurance Co., Ltd. is a subsidiary of China Taiping Insurance Holdings Company Limited. China Taiping Insurance Holdings Company Limited is a subsidiary of China Taiping Insurance (HK) Company Limited, which is a wholly-owned subsidiary of China Taiping Insurance Group Ltd.. | (9) | 太平財產保險有限公司為中國太平保險控股有限公司的附屬公司。中國太平保險控股有限公司為中國太平保險集團(香港)有限公司的附屬公司，而中國太平保險集團(香港)有限公司為中國太平保險集團有限責任公司的全資附屬公司。 |
| (10) | China Life Asset Management Company Limited is a controlling shareholder of China Life Franklin Asset Management Co., Limited. China Life Asset Management Company Limited is a subsidiary of China Life Insurance Company Limited, which is controlled by China Life Insurance (Group) Company. | (10) | 中國人壽資產管理有限公司為中國人壽富蘭克林資產管理有限公司的控股股東。中國人壽資產管理有限公司為中國人壽保險股份有限公司的附屬公司，而中國人壽保險股份有限公司由中國人壽保險(集團)公司控股。 |

Save as disclosed above, as at 30 June 2022, to the best knowledge of the Directors, the Directors were not aware of any persons who had interests and/or short positions in the Shares or underlying Shares which would be required to be disclosed to the Company under the provisions of Divisions 2 and 3 of Part XV of the SFO and which were entered in the register required to be kept by the Company pursuant to section 336 of the SFO.

除上文所披露者外，於2022年6月30日，盡董事所知，董事並不知悉任何人士在股份或相關股份中擁有須根據證券及期貨條例第XV部第2及第3分部的條文向本公司披露並記入本公司根據證券及期貨條例第336條須存置的登記冊內的權益及／或淡倉。



I. COMPLIANCE WITH THE CORPORATE GOVERNANCE CODE

During the Reporting Period, except for deviation from the code provision C.2.1 under the Corporate Governance Code (the “**Corporate Governance Code**”) as set out in Appendix 14 to the Listing Rules as described below, the Company has complied with the code provisions of the Corporate Governance Code.

According to code provision C.2.1 of the Corporate Governance Code, the roles of chairman of the Board and the general manager should be distinguished and assumed by different persons. However, due to work re-arrangement, Mr. Wang Yanwen has resigned as the chairman of the Board since June 2022, and the executive Director and general manager, Mr. Shen Zhen, took up the responsibilities of the chairman of the Board until the election of a new chairman of the Board by the Company. The Company will complete the election of the new chairman of the Board as soon as possible in accordance with legal procedures. For details, please refer to the announcement of the Company dated 30 June 2022.

A single gender board will not be considered to have achieved diversity from 1 January 2022. As the Company has a single gender Board, we will review the structure and composition of the Board, and appoint a Director of a different gender on or before 31 December 2024.

II. COMPLIANCE WITH THE MODEL CODE FOR DEALING IN THE SECURITIES OF THE COMPANY BY ITS DIRECTORS, SUPERVISORS AND RELEVANT EMPLOYEES

The Group has adopted the Model Code set out in Appendix 10 to the Listing Rules as the code of conduct for dealing in the securities of the Company by the Directors, Supervisors and relevant employees of the Company (as defined in the Model Code). According to the specific enquiries of the Directors and Supervisors, each Director and Supervisor confirmed that he/she had strictly complied with the standard set out in the Model Code during the Reporting Period.

III. DIVIDEND DISTRIBUTION PLAN FOR THE SIX MONTHS ENDED 30 JUNE 2022

According to the resolution of the Board passed on 31 August 2022, the Board did not recommend to distribute any interim dividend to Shareholders for the six months ended 30 June 2022.

一. 遵守企業管治守則

於報告期內，除下文所述有關上市規則附錄十四所載的企業管治守則（「**企業管治守則**」）之守則條文C.2.1的偏離外，本公司已遵守企業管治守則的守則條文。

根據企業管治守則之守則條文C.2.1，董事長及總經理角色應予以區分及由不同人士擔任。惟由於工作調動，王彥文先生自2022年6月起辭任董事長職務，並由執行董事兼總經理申鎮先生代為履行董事長職責，直至本公司選舉產生新任董事長為止。本公司將按照法定程序，盡快完成新任董事長的選舉工作。詳情請參閱本公司日期為2022年6月30日的公告。

自2022年1月1日起，倘董事會性別單一則不被視為多元化。因本公司董事會性別單一，我們將審查董事會的結構及組成，並在2024年12月31日或之前委任一名不同性別的董事。

二. 董事、監事及有關僱員遵守進行本公司證券交易之標準守則

本集團已採納上市規則附錄十所載的標準守則作為董事、監事及本公司有關僱員（定義見標準守則）進行本公司證券交易的行為守則。根據對董事及監事的專門查詢後，各董事及監事均確認：於報告期內，各董事及監事均已嚴格遵守標準守則所訂的標準。

三. 截至2022年6月30日止六個月的股息派發方案

根據董事會於2022年8月31日通過的決議案，董事會不建議向股東派發截至2022年6月30日止六個月的中期股息。



SIGNIFICANT EVENTS (CONTINUED)

重大事項(續)

IV. MATERIAL LITIGATION OR ARBITRATION EVENTS

As at 30 June 2022, the Group was not involved in any material litigation or arbitration event. So far as the Directors are aware, no such litigation or claims are pending or threatened against the Group.

V. CHANGES IN ACCOUNTING POLICIES

There was no change in accounting policies of the Group during the Reporting Period, except for the adoption of the revised accounting standards effective as of 1 January 2022. For details, please refer to Note 2.2 to the interim condensed consolidated financial information in this interim report.

VI. PUBLIC FLOAT

Based on information publicly available to the Company and so far as the Directors are aware, 21.04% of the issued Shares of the Company was held by the public as at the date of this interim report, which was in compliance with the requirements and public float waiver approved by the Stock Exchange under the Listing Rules. For details of the public float waiver, please refer to the section headed "Waivers from Strict Compliance with the Listing Rules" in the Prospectus.

VII. MATERIAL CONTRACTS

During the Reporting Period, none of the Company or any of its subsidiaries entered into material contracts with the Controlling Shareholder or any of its subsidiaries other than the Group, nor was there any material contract between the Group and the Controlling Shareholder or any of its subsidiaries other than the Group in relation to provision of services.

VIII. REPURCHASE, SALE OR REDEMPTION OF LISTED SECURITIES OF THE COMPANY

For the six months ended 30 June 2022, neither the Company nor any of its subsidiaries has repurchased, sold or redeemed any of the Company's listed securities.

IX. RESERVES

Details of the changes in reserves of the Group during the Reporting Period are set out in the interim condensed consolidated statement of changes in equity.

四. 重大法律訴訟或仲裁事項

於2022年6月30日，本集團不存在涉及任何重大法律訴訟或仲裁事項。就董事目前所知，亦不存在任何尚未了結或可能面臨的重大法律訴訟或索賠。

五. 會計政策的變化

於報告期內，除採用於2022年1月1日起生效的經修訂會計準則外，本集團的會計政策並無變動。詳情請見本中期報告的中期簡明合併財務資料附註2.2。

六. 公眾持股量

根據本公司可公開獲得的資料，就董事目前所知，於本中期報告日期，公眾人士持有本公司已發行股份21.04%，符合聯交所上市規則規定及其批准的公眾持股量豁免。有關公眾持股量豁免的詳情，請參閱招股章程「豁免嚴格遵守上市規則」一節。

七. 重大合約

於報告期內，本公司或其任何附屬公司概無與控股股東或其任何附屬公司(本集團除外)訂立重大合約，且本集團與控股股東或其任何附屬公司(本集團除外)亦無訂立任何有關提供服務的重大合約。

八. 購回、出售或贖回本公司的上市證券

截至2022年6月30日止六個月，本公司或其任何附屬公司均無購回、出售或贖回本公司任何上市證券。

九. 儲備

本集團於報告期內儲備的變動詳情載列於中期簡明合併權益變動表。

SIGNIFICANT EVENTS (CONTINUED) 重大事項(續)

X. USE OF NET PROCEEDS FROM INITIAL PUBLIC OFFERING

The Company has been listed on the Main Board of the Stock Exchange since 15 November 2016. The net proceeds from the initial public offering and partial exercise of the overallotment option, after deducting the underwriting fees and relevant expenses, amounted to approximately HK\$2,032.3 million, which will be used in the ways stated in the section headed "Future Plans and Use of Proceeds" of the Prospectus and the announcement of the Company dated 30 December 2021 (the "Announcement") in relation to the change in use of net proceeds.

The use of net proceeds from the initial public offering for the six months ended 30 June 2022 is set out as follows:

十. 首次公開發售所得款項淨額的使用情況

本公司自2016年11月15日起在聯交所主板上市。首次公開發售及部分行使超額配股權的所得款項淨額(扣除承銷費及相關費用後)約為2,032.3百萬港元，將用作招股章程「未來計劃及所得款項用途」一節及本公司日期為2021年12月30日變更募集資金淨額用途的公告(「該公告」)所載的用途。

下表載列截至2022年6月30日止六個月首次公開發售所得款項淨額的使用情況：

	Use of net proceeds as disclosed in the Prospectus (HK\$ million) (百萬港元)	Revised use of net proceeds as at the date of the Announcement (HK\$ million) (百萬港元)	Actual use of net proceeds as at 30 June 2022 截至2022年6月30日所得款項淨額的實際使用情況 (HK\$ million) (百萬港元)	Unutilised net proceeds as at 30 June 2022 截至2022年6月30日未使用所得款項淨額 (HK\$ million) (百萬港元)	Expected time of full utilization of remaining balance 充分使用餘額的預期時間
To finance the capital expenditures for expanding the desulfurization and denitrification concession operations	擴充脫硫及脫硝特許經營業務規模所需的資本開支	1,219.50	1,219.50	0.00	-
To develop new sources of growth in the revenue and profit, including but not limited to EMC business for coal-fired power plants, water treatment business, and providing customers with overall solution plans of ultra-low emissions	培育收入和利潤的新增長點，包括但不限於燃煤發電廠合約能源管理業務、水務業務和為客戶提供超低排放整體解決方案	304.80	304.80	0.00	-
To repay some of the existing bank loans in order to lower the finance costs and improve the financial leverage ratio	償還部分現有銀行貸款，以降低財務成本及改善財務槓桿比率	203.20	203.20	0.00	-
For working capital and other general corporate purposes	營運資金及其他一般公司用途	203.20	203.20	0.00	-
For research and development expenditures	研發開支	101.60	93.60	38.08	December 2025 2025年12月
Investment in renewable energy projects	可再生能源項目投資	-	8.00	8.00	December 2022 2022年12月
Total	總計	2,032.30	1,986.22	46.08	

XI. ASSET TRANSACTIONS

During the Reporting Period, the Group had no significant assets transactions other than those in the ordinary and usual course of business.

十一. 資產交易事項

於報告期內，本集團並無非於日常及一般業務過程中進行的重大資產交易事項。



SIGNIFICANT EVENTS (CONTINUED)

重大事項(續)

XII. INSOLVENCY AND RESTRUCTURING

During the Reporting Period, the Group was not involved in any insolvency or restructuring matters.

XIII. SIGNIFICANT TRUSTEESHIP, CONTRACTING AND LEASE

During the Reporting Period, the Group was not involved in significant trusteeship, contracting or lease of any other company's assets, nor placing its assets to or under any other companies' trusteeship, contracting or lease which would require disclosure.

XIV. MATERIAL ACQUISITIONS AND DISPOSALS

For the six months ended 30 June 2022, the Group had no material acquisition or disposal.

XV. SIGNIFICANT INVESTMENT AND FUTURE PLANS FOR MAJOR INVESTMENTS

For the six months ended 30 June 2022, the Group did not hold any significant investment and has not executed any agreement in respect of material acquisitions, investments or capital asset and did not have any other future plans relating to material acquisitions, investments or capital asset as at the Latest Practicable Date. Nonetheless, if any potential investment opportunity arises in the coming future, the Group will perform feasibility studies and prepare implementation plans to consider whether it is beneficial to the Group and the Shareholders as a whole.

XVI. FINANCIAL INSTRUMENTS FOR HEDGING PURPOSES

During the Reporting Period, the Group had not used any financial instruments for hedging purposes.

XVII. CHARGED AND PLEDGED ASSETS

The details of charged and pledged assets of the Group as at 30 June 2022 are set out in Note 17 to the interim condensed consolidated financial information in this interim report.

XVIII. BANK BORROWINGS AND OTHER LOANS

The details of bank borrowings and other loans of the Group as at 30 June 2022 are set out in Note 17 to the interim condensed consolidated financial information in this interim report.

十二. 破產及重組事項

於報告期內，本集團並無任何破產或重組事項。

十三. 重大託管、承包及租賃事項

於報告期內，本集團並無應予披露的重大託管、承包或租賃任何其他公司資產，或任何其他公司託管、承包或租賃本集團資產的事項。

十四. 重大收購及出售事項

截至2022年6月30日止六個月，本集團並無重大收購或出售事項。

十五. 重大投資及未來重大投資計劃

截至2022年6月30日止六個月，本集團並無持有任何重大投資，並無就重大收購、投資或資本資產執行任何協議，亦無關於最後可行日期的重大收購、投資或資本資產的任何其他未來計劃。儘管如此，倘日後有任何潛在投資機遇，本集團將進行可行性研究並制定實施計劃，以考慮其是否符合本集團及股東的整體利益。

十六. 對沖用途的金融工具

於報告期內，本集團並無使用任何對沖用途的金融工具。

十七. 資產抵押及質押

本集團於2022年6月30日有關資產抵押及質押的詳情載列於本中期報告的中期簡明合併財務資料附註17。

十八. 銀行借款及其他貸款

本集團於2022年6月30日有關銀行借款及其他貸款的詳情載列於本中期報告的中期簡明合併財務資料附註17。

XIX. CONTINGENT LIABILITIES

(a) India Gujarat Project

On 16 March 2019, the Group's subsidiaries, China Datang Technologies & Engineering Co., Ltd. (中國大唐集團科技工程有限公司) ("**Technologies & Engineering Company**") and Datang Technologies & Engineering India Private Limited (大唐科技工程印度有限公司) signed construction contracts for desulfurization and wet chimney with Gujarat State Electricity Corporation Limited ("**GSECL**"). Due to the impact of COVID-19, the construction progress was delayed and GSECL issued a formal notice which accused the Company of default and stated that it might take measures such as terminating the contract, redeeming the performance guarantee letter, and entrusting the work to others to complete. The Group fully accrued provisions of RMB75,848,000 for the redemption of the performance guarantee letter, and also considers that the corresponding advance receipts of RMB25,835,000 will no longer be obligated to be returned after the redemption of the performance guarantee letter, and incurred other expenses of RMB50,013,000 for the year ended 31 December 2021 accordingly. During the period, the performance guarantee letter of RMB75,848,000 has been fully redeemed. The likelihood of occurrence of other compensations about these contract disputes cannot be estimated reliably up to the Latest Practicable Date.

(b) India NLC Project

On 6 March 2020, Technologies & Engineering Company signed a construction contract with NLC India Limited ("**NLC India**"). Due to the impact of COVID-19, the construction progress was delayed, and NLC India issued a formal notice to request to terminate the contract and redeem the performance guarantee letter amounting to RMB47,303,000. In addition, the claims brought by NLC India also include the costs incurred in re-tendering and the arbitration progress. The Group fully accrued a provision of RMB47,303,000 for the request of redeeming the performance guarantee letter, and incurred other expenses of RMB47,303,000 for the year ended 31 December 2021 accordingly, but the likelihood of occurrence of other compensations about these contract disputes cannot be estimated reliably up to the Latest Practicable Date.

十九. 或有負債

(a) 印度古吉拉特邦項目

於2019年3月16日，本集團之附屬公司中國大唐集團科技工程有限公司(「**科技工程公司**」)和大唐科技工程印度有限公司與Gujarat State Electricity Corporation Limited(「**GSECL**」)訂立脫硫、濕煙囪總承包合同，因受新冠疫情影响，目前工期延誤，GSECL發來正式通知，指責本公司違約，並提出可能會採取終止合同、兌付履約保函、將工程委託予他人完成等舉措。本集團針對兌付履約保函事項全額計提撥備人民幣75,848,000元，亦認為相應的預收款人民幣25,835,000元在兌付履約保函後不再有義務歸還，並於截至2021年12月31日止年度相應產生其他開支人民幣50,013,000元。期內，人民幣75,848,000元的履約保函已悉數兌付。截至最後可行日期，該合同糾紛導致其他賠償的可能性無法可靠計量。

(b) 印度NLC項目

於2020年3月6日，科技工程公司與NLC India Limited(「**NLC India**」)訂立總承包合同。後因新冠疫情影响，建造工程被延誤，故NLC India發出正式通知，要求終止合同並兌付履約保函人民幣47,303,000元。此外，NLC India提出的訴訟主張還包括重新招標產生的費用、仲裁程序產生的費用等。本集團針對兌付履約保函事項全額計提撥備人民幣47,303,000元，並於截至2021年12月31日止年度相應產生其他開支人民幣47,303,000元，但截至最後可行日期，該合同糾紛導致其他賠償的可能性無法可靠計量。



SIGNIFICANT EVENTS (CONTINUED)

重大事項(續)

XX. CHANGES TO BIOGRAPHICAL DETAILS OF DIRECTORS, SUPERVISORS AND CHIEF EXECUTIVES UNDER RULE 13.51B(1) OF THE LISTING RULES

Mr. Tian Dan resigned as the general manager of the Company and was re-designated as a non-executive Director from executive Director since May 2022. Mr. Shen Zhen served as the general manager of the Company since May 2022.

Mr. Tian Dan resigned as a non-executive Director and Mr. Shen Zhen served as an executive Director since June 2022.

Mr. Wang Yanwen resigned as the chairman of the Board and was re-designated as a non-executive Director from an executive Director since June 2022. Mr. Shen Zhen temporarily performed the duties of chairman of the Board.

Save as disclosed above, there are no other changes to the biographical details of the Directors, Supervisors and chief executives of the Company which is required to be disclosed pursuant to Rule 13.51B(1) of the Listing Rules.

XXI. REVIEW OF INTERIM REPORT

The audit committee of the Company (the “**Audit Committee**”) has reviewed the unaudited interim condensed consolidated financial statements and the interim report of the Group for the six months ended 30 June 2022.

XXII. IMPORTANT SUBSEQUENT EVENTS AFTER THE REPORTING PERIOD

On 31 August 2022, the Board approved the resolution in relation to the proposed new establishment of a wholly-owned subsidiary by the Company in Huai’an city, Jiangsu Province, the PRC, with its proposed registered share capital of approximately RMB38 million. The proposed new establishment is a part of the Group’s development strategy to further improve the industrial chain of denitrification catalysts, to optimize the industrial layout and product system, to increase the manufacturing capacity of honeycomb catalyst and to expand the scale of catalyst disposal and regeneration.

Save as disclosed in this interim report, no other important events affecting the Group occurred since 30 June 2022 and up to the Latest Practicable Date.

XXIII. OTHER IMPORTANT MATTERS

During the Reporting Period, none of the Company, the Directors or the Supervisors was punished by administrative means or criticized through circular by the SFC or publicly condemned by the Stock Exchange.

二十. 根據上市規則第13.51B(1)條之董事、監事及主要行政人員的履歷資料變動情況

自2022年5月起，田丹先生辭任本公司總經理職務，並由執行董事調任為非執行董事。而申鎮先生於2022年5月起擔任本公司總經理。

自2022年6月起，田丹先生辭任非執行董事，而申鎮先生擔任執行董事。

自2022年6月起，王彥文先生辭任董事長職務，並由執行董事調任為非執行董事。而申鎮先生暫時履行董事長職責。

除上文所披露者外，概無其他須根據上市規則第13.51B(1)條予以披露的董事、監事及本公司主要行政人員的履歷資料變動情況。

二十一. 審閱中期報告

本公司審計委員會(「**審計委員會**」)已審閱本集團截至2022年6月30日止六個月的未經審計中期簡明合併財務報表及中期報告。

二十二. 報告期後的重大的期後事項

於2022年8月31日，董事會批准有關本公司建議於中國江蘇省淮安市新成立全資附屬公司(其建議註冊股本約為人民幣38百萬元)的決議案。該項建議新成立乃本集團發展策略的一部分，旨在進一步健全脫硝催化劑產業鏈、優化產業佈局和產品體系、提高蜂窩催化劑的生產能力及擴大催化劑出售及再生的規模。

除本中期報告所披露外，自2022年6月30日起直至最後可行日期，概無發生任何影響本集團的重大事項。

二十三. 其他重大事項

於報告期內，本公司、董事或監事均未受證監會的行政處罰、通報批評或聯交所的公開譴責。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT

董事、監事及高級管理層簡介



I. EXECUTIVE DIRECTOR

Mr. Shen Zhen

born in April 1972, is an executive Director, the general manager and deputy secretary of the Party Committee of the Company. He holds a master's degree in business administration, and is a member of the Communist Party of China and a principal senior engineer. Mr. Shen successively served as a boiler engineer of Beijing Electric Power Construction Company* (北京電力建設公司); manager of engineering management department of Guohua Ebara Environmental Engineering Co., Ltd.* (國華荏原環境工程有限責任公司); deputy general manager (in charge) of engineering and project management department (customer service department), deputy general manager of desulfurization business department, deputy general manager of cooling technology business department and deputy director (in charge) of general manager work department of Datang Environmental Technology Engineering Co., Ltd.* (大唐環境科技工程有限公司); director of engineering management department, deputy general manager of environmental protection branch and general manager of desulfurization division of Technologies & Engineering Company; general manager of environmental protection branch of China Datang Corporation Environmental Technology Co., Ltd.* (中國大唐集團環境技術有限公司); deputy general manager and member of the Party group of Datang Technology Industry Group Co., Ltd.* (大唐科技產業集團有限公司); deputy general manager and member of the Party committee, and deputy secretary of the Party committee and deputy general manager of the Company; deputy secretary of the Party committee and deputy general manager of China Datang Corporation Solar Energy Industry Co., Ltd.* (中國大唐集團太陽能產業有限公司); deputy secretary of the Party committee and deputy general manager, and general manager and deputy secretary of the Party committee of Datang Hainan Energy Development Co., Ltd.* (大唐海南能源開發有限公司).

一. 執行董事

申鎮先生

生於1972年4月，為本公司執行董事、總經理、黨委副書記。工商管理碩士，中共黨員，正高級工程師。歷任北京電力建設公司鍋爐工程師；國華荏原環境工程有限責任公司工程管理部經理；大唐環境科技工程有限公司工程項目管理部(客服部)副總經理(主持工作)、脫硫事業部副總經理、冷卻技術事業部副總經理及總經理工作部副主任(主持工作)；科技工程公司工程管理部主任、環保分公司副總經理及脫硫部總經理；中國大唐集團環境技術有限公司環保分公司總經理；大唐科技產業集團有限公司副總經理及黨組成員；本公司副總經理及黨委委員，以及黨委副書記及副總經理；中國大唐集團太陽能產業有限公司黨委副書記及副總經理；大唐海南能源開發有限公司黨委副書記及副總經理，以及總經理及黨委副書記。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

II. NON-EXECUTIVE DIRECTORS

Mr. Wang Yanwen

born in November 1964, is a non-executive Director and the authorized representative of the Company. He holds a bachelor's degree, and is a member of the Communist Party of China and a senior engineer. Mr. Wang successively served as an electrical technician of the engineering department, the head of the microwave office, specialized engineer and deputy director of the communication branch, as well as director of the communication engineering office of the repair and maintenance engineering division, the Party branch secretary of the heating ventilation department and head of the fuel management department of Shuangyashan Power Plant* (雙鴨山發電廠); head of the general office of Heilongjiang Power Fuel Corporation* (黑龍江省電力燃料總公司); head of the Heilongjiang transportation office of Datang Power Fuel Co., Ltd.* (大唐電力燃料有限公司); deputy director of the fuel management center of Datang Heilongjiang Power Generation Co., Ltd.* (大唐黑龍江發電有限公司) and deputy general manager of Datang Heilongjiang Power Fuel Co., Ltd.* (大唐黑龍江電力燃料有限公司); director of the fuel management center of Datang Heilongjiang Power Generation Co., Ltd.* and general manager of Datang Heilongjiang Power Fuel Co., Ltd.*; vice chief economist and director of the fuel management center of Datang Heilongjiang Power Generation Co., Ltd.*, and general manager of Datang Heilongjiang Power Fuel Co., Ltd.*; vice chief economist, and director of the ideological and political department as well as deputy secretary of the Party Committee directly administered and director of the labor union office of Datang Heilongjiang Power Generation Co., Ltd.*; a member of Party Committee, head of the discipline inspection committee and the chairman of the labor union of Datang Jilin Power Generation Co., Ltd.* (大唐吉林發電有限公司); deputy director of the fuel management department of China Datang; secretary of the Party Committee, deputy general manager, chairman and secretary of the Party Committee of Datang Power Fuel Co., Ltd.*; the secretary of the Party Committee and deputy general manager of the Company; the general manager and deputy secretary of the Party Committee of the Company; the chairman of the Board, executive Director and secretary of the Party Committee of the Company; director of the operation management department of China Datang.

二. 非執行董事

王彥文先生

生於1964年11月，為本公司非執行董事及授權代表。大學學歷，中共黨員，高級工程師。歷任雙鴨山發電廠工程科電氣技術員、通訊分場微波班班長、通訊分場專責工程師、通訊分場副主任、檢修工程處通訊工區主任兼熱通黨支部書記、燃料管理部部長；黑龍江省電力燃料總公司綜合處處長；大唐電力燃料有限公司黑龍江調運處負責人；大唐黑龍江發電有限公司燃料管理中心副主任兼大唐黑龍江電力燃料有限公司副總經理；大唐黑龍江發電有限公司燃料管理中心主任兼大唐黑龍江電力燃料有限公司總經理；大唐黑龍江發電有限公司副總經理兼燃料管理中心主任、大唐黑龍江電力燃料有限公司總經理；大唐黑龍江發電有限公司副總經理兼思想政治工作部主任、機關直屬黨委副書記兼工會辦公室主任；大唐吉林發電有限公司黨組成員、紀檢組長、工會主席；中國大唐燃料管理部副主任；大唐電力燃料有限公司黨委書記兼副總經理、董事長兼黨委書記；本公司黨委書記、副總經理；本公司總經理、黨委副書記；本公司董事長、執行董事、黨委書記；中國大唐經營管理部主任。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

Mr. Wang Junqi

born in September 1968, is a non-executive Director. He holds a bachelor's degree, and is a principal senior engineer and a member of the Communist Party of China. Mr. Wang successively served as a technician of the ontology team of the steam turbine maintenance branch of Pingdingshan Yaomeng Power Plant; a technician in the maintenance department, and steam turbine engineer in the production department of Sanmenxia Thermal Power Plant; deputy director, deputy chief engineer and deputy director of production department, deputy chief engineer, chief engineer, deputy general manager and chief engineer, and a member of Party Committee of Sanmenxia Huayang Power Generation Co., Ltd.; deputy general manager and chief engineer of Datang Sanmenxia Power Generation Co., Ltd.; the secretary of the Party Committee of Datang Luoyang Thermal Power Plant; a Party member, deputy general manager, discipline inspection team leader and chairman of the trade union of Datang Xinjiang Power Generation Co., Ltd.; general manager of Datang Hutubi Energy Development Co., Ltd.; secretary of the Party Committee and deputy general manager of Datang Xinjiang Power Generation Co., Ltd.; the general manager and deputy secretary of the Party Committee of Shanxi Branch of China Datang; the general manager and deputy secretary of the Party Committee of Datang Shanxi Power Generation Co., Ltd.; chairman and secretary of the Party Committee of Datang Henan Power Generation Co., Ltd.; a full-time director of China Datang. He concurrently serves as a director of China Datang Group Energy Investment Co., Ltd., and director of Datang Huayin (a company listed on the Shanghai Stock Exchange, stock code: 600744).

王俊啟先生

生於1968年9月，為非執行董事。大學學歷，正高級工程師，中共黨員。歷任平頂山姚孟電廠汽機檢修分場本體班技術員；三門峽火電廠檢修部技術員、生產部汽機工程師；三門峽華陽發電有限責任公司生產部副主任、副總工程師兼生產部副主任、副總工程師、總工程師、副總經理兼總工程師、黨委委員；大唐三門峽發電有限責任公司副總經理、總工程師；大唐洛陽熱電廠黨委書記；大唐新疆發電有限公司黨組成員、副總經理、紀檢組長、工會主席；大唐呼圖壁能源開發有限公司總經理；大唐新疆發電有限公司黨委書記、副總經理；中國大唐山西分公司總經理、黨委副書記；大唐山西發電有限公司總經理、黨委副書記；大唐河南發電有限公司董事長、黨委書記；中國大唐專職董事。現兼任中國大唐集團能源投資有限責任公司董事、大唐華銀(上海證券交易所上市公司，股份代號：600744)董事。



PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

Mr. Wu Daqing

born in June 1964, is a non-executive Director. He holds a bachelor's degree, and is a principal senior economist and a member of the Communist Party of China. Mr. Wu successively served as a reporter editor, deputy director member, and director member of the Editorial Department of China Electric Power Newspaper Office; manager of Beijing Zhongdianxing Art Development Company; manager and director of Exhibition Office of Beijing Zhongdianxing Art Development Company; deputy director of Ideological and Political Work Department of China Datang Corporation; secretary of the Party Leadership Group and dean of China Datang Corporation Institute of Technology and Economics; dean and secretary of the Party Leadership Group of the Cadre Training Institute of China Datang Corporation; director of the School Affairs Department of the Party School of the CPC China Datang Corporation; director of the Party School of the CPC China Datang Corporation; deputy secretary of the Direct Committee of the CPC China Datang Corporation; director of the Political Work Department and director of the News Center of China Datang Corporation; general manager, deputy secretary of the Party Leadership Group, chairman and secretary of the Party Committee of Datang Hebei Power Generation Co., Ltd.; leader of the Party Group Inspection Team of China Datang; a full-time director of China Datang. He concurrently serves as a director of China Datang Corporation Energy Investment Co., Ltd..

吳大慶先生

生於1964年6月，為非執行董事。大學學歷，正高級經濟師，中共黨員。歷任中國電力報社編輯部新聞記者編輯、副主任科員、主任科員；北京中電興藝術發展公司經理；北京中電興藝術發展公司經理兼展覽辦主任；中國大唐集團公司思想政治工作部副主任；中國大唐集團技術經濟研究院黨組書記、院長；中國大唐集團幹部培訓學院院長、黨組書記；中共中國大唐集團公司黨校校務部主任；中共中國大唐集團公司黨校教務主任；中共中國大唐集團公司直屬委員會副書記；中國大唐集團公司政工部主任兼新聞中心主任；大唐河北發電有限公司總經理、黨組副書記，董事長、黨委書記；中國大唐黨組巡視組組長；中國大唐專職董事。現兼任中國大唐集團能源投資有限責任公司董事。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

Mr. Chen Kan

born in December 1964, is a non-executive Director. He holds a post-graduate degree, and is a principal senior economist and a member of the Communist Party of China. Mr. Chen successively served as an assistant teacher in Water Resources Teaching and Research Office of Wuhan College of Water Resources and Hydroelectric Engineering; economist, section chief, deputy director and director of the Operation Management Office of Guangxi Yantan Hydropower Project Construction Company; director, deputy general manager of Planning Contract Department of Longtan Hydropower Development Co., Ltd.; a member of Party Leadership Group and deputy general manager of Longtan Hydropower Development Co., Ltd.; director and deputy general manager (shareholding) of Jinsha River Midstream Hydropower Development Co., Ltd.; director of Guanyinyan Hydropower Project Preparation Office of China Datang Corporation; general manager of Datang Guanyinyan Hydropower Development Co., Ltd.; deputy secretary of the Party Leadership Group and deputy general manager of Yunnan Branch of China Datang Corporation; general manager and secretary of the Party Committee of Datang Guanyinyan Hydropower Development Co., Ltd.; secretary of the Party Leadership Group and general manager of Yunnan Branch of China Datang Corporation; general manager and deputy secretary of the Party Leadership Group of Yunnan Branch of China Datang Corporation; deputy chief engineer of Datang International Power Generation Co., Ltd. and general manager and deputy secretary of the Party Committee of Inner Mongolia Branch of Datang International Power Generation Co., Ltd.; chairman and secretary of the Party Committee of Inner Mongolia Branch of China Datang; deputy chief engineer of Datang International Power Generation Co., Ltd.; director of Inner Mongolia Planning and Development Center of China Datang Group; deputy director of Southern Business Department of China Datang; a full-time director of China Datang. He concurrently serves as a director of China Datang Corporation Energy Investment Co., Ltd..

陳侃先生

生於1964年12月，為非執行董事。研究生學歷，正高級經濟師，中共黨員。歷任武漢水利電力學院水資源教研室助教；廣西巖灘水電站工程建設公司經營管理處經濟師、科長、副處長、處長；龍灘水電開發有限公司計劃合同部主任、副總經理；龍灘水電開發有限公司黨組成員、副總經理；金沙江中游水電開發有限公司(參股)董事、副總經理；中國大唐集團公司觀音巖水電工程籌建處主任；大唐觀音巖水電開發有限公司總經理；中國大唐集團公司雲南分公司黨組副書記、副總經理；大唐觀音巖水電開發有限公司總經理、黨委書記；中國大唐集團公司雲南分公司黨組書記、總經理；中國大唐集團公司雲南分公司總經理、黨組副書記；大唐國際發電股份有限公司副總工程師兼大唐國際發電股份有限公司內蒙古分公司總經理、黨委副書記；中國大唐內蒙古分公司董事長、黨委書記；大唐國際發電股份有限公司副總工程師；中國大唐集團內蒙古規劃發展中心主任；中國大唐南方事業部副主任；中國大唐專職董事。現兼任中國大唐集團能源投資有限責任公司董事。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

Mr. Song Yunpeng

born in April 1967, is a non-executive Director (employee representative Director). He holds a post-graduate degree, and is a member of the Communist Party of China and a principal senior engineer. Mr. Song successively served as designer, main designer, deputy chief, chief and deputy director of First Section of the Thermal Automation Department of Northeast Electric Power Design Institute (東北電力設計院); project manager and head of the Integrated Management Department of Shenzhen Branch of Beijing Guodian (北京國電深圳分公司); assistant to the dean and associate dean of Jiangsu Nanjing Thermal Power Engineering Design Institute of Datang Environmental Technology Engineering Co., Ltd. (大唐環境科技工程有限公司); deputy general manager of Design Center of Technologies & Engineering Company; deputy general manager of the Environmental Protection Branch of China Datang Corporation Environment Technology Co., Ltd. (中國大唐環境技術有限公司); deputy general manager and member of the Party Committee of the Environmental Protection Branch of Datang Technology Industry Group Co., Ltd. (大唐科技產業集團有限公司); deputy general manager, member of the Party Committee, deputy secretary of the Party Committee (in-charge) and deputy general manager of the Environmental Protection Branch of the Company, and concurrently served as deputy general manager and member of the Party Committee of Beijing Datang Hengtong Mechanical Transport Technology Co., Ltd. (北京大唐恆通機械輸送技術有限公司); deputy general manager (in-charge) and deputy secretary of the Party Committee of the Environmental Protection Branch of the Company (Beijing Datang Hengtong Science & Technology Co., Ltd. (北京大唐恆通科技有限公司)). He concurrently serves as the deputy head (in-charge) of the Party and Mass Work Department, head of the Party and Mass Work Department and head of the Party Construction Work Department (Disciplinary Committee Office and Inspection Office) of the Company.

宋雲鵬先生

生於1967年4月，為非執行董事(職工代表董事)。研究生學歷，中共黨員，正高級工程師。歷任東北電力設計院熱工自動化室設計員、主要設計人、一科副科長、科長、副主任；北京國電深圳分公司項目經理、綜合管理部主任；大唐環境科技工程有限公司江蘇南京熱電工程設計院院長助理、副院長；科技工程公司設計中心副總經理；中國大唐環境技術有限公司環保分公司副總經理；大唐科技產業集團有限公司環保分公司副總經理、黨委委員；本公司環保分公司副總經理、黨委委員、黨委副書記(主持工作)、副總經理兼北京大唐恆通機械輸送技術有限公司副總經理、黨委委員；本公司環保分公司(北京大唐恆通科技有限公司)副總經理(主持工作)、黨委副書記。現兼任本公司黨群工作部副主任(主持工作)、黨群工作部主任、黨建工作部(紀委辦公室、巡察辦公室)主任。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)



III. INDEPENDENT NON-EXECUTIVE DIRECTORS 三. 獨立非執行董事

Mr. Ye Xiang

born in January 1964, is an independent non-executive Director. He holds a Doctor's degree and is a chartered financial analyst. Mr. Ye has successively served as an economist of the People's Bank of China, a senior analyst at the Hong Kong Monetary Authority (香港金融管理局), the executive director of Bank of China International Holdings Limited (中銀國際控股有限公司), the director of China Affairs of the SFC, an independent director of UBS Securities LLC (瑞銀證券有限責任公司), a member of the Public Shareholders Group of the SFC and the managing director of Vision Gain Capital Limited (匯信資本有限公司). He concurrently serves as an independent non-executive director of Wuling Motors Holdings Limited (五菱汽車集團控股有限公司) (a company listed on the Stock Exchange, stock code: 0305), an independent director of Digital China Group Co., Ltd. (神州數碼集團股份有限公司) (a company listed on the Shenzhen Stock Exchange, stock code: 000034), an independent non-executive director of 51 Credit Card Inc. (51信用卡有限公司) (a company listed on the Stock Exchange, stock code: 2051), and an independent non-executive director of Jinshang Bank Co., Ltd. (晉商銀行股份有限公司) (a company listed on the Stock Exchange, stock code: 2558).

叶翔先生

生於1964年1月，為獨立非執行董事。博士研究生學歷，特許金融分析師。歷任中國人民銀行經濟師、香港金融管理局高級分析師、中銀國際控股有限公司執行董事、證監會中國事務總監、瑞銀證券有限責任公司獨立董事、證監會公眾股東權益小組委員、匯信資本有限公司董事總經理。現兼任五菱汽車集團控股有限公司(聯交所上市公司，股份代號：0305)獨立非執行董事，神州數碼集團股份有限公司(深圳證券交易所上市公司，股份代號：000034)獨立董事，51信用卡有限公司(聯交所上市公司，股份代號：2051)獨立非執行董事，晉商銀行股份有限公司(聯交所上市公司，股份代號：2558)獨立非執行董事。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

Mr. Mao Zhuanjian

born in June 1953, is an independent non-executive Director. He has a bachelor's degree, and is a professor-level senior engineer, a core professional of China Electricity Council ("CEC"), and expert of environmental protection and energy conservation professionals for the power industry (電力行業環保節能專家庫專家), and a member of the Communist Party of China. Mr. Mao successively served as the engineer and director member head of the environmental protection office of the planning department of the Ministry of Water and Power Industry (國家水電部); the deputy head and senior engineer of the Environmental Protection and Management Division (環境保護管理處) under the environmental protection center for CEC (中電聯環境保護中心); deputy director of the Ministry of Electric Power, State Grid Corporation of China and the CEC General Office, director and consulting engineer of the technical consulting office; the manager of environmental protection division and the manager of climate change response division of the industry development and the environment and resources department under the CEC; the vice secretary for the National Collaborative Network for Desulfurization and Denitrification Technologies for the Power Industry (全國電力行業脫硫脫硝技術協作網); the deputy secretary and deputy secretary general for the energy conservation and environmental protection sub-division under the CEC; an senior expert of the energy conservation and environmental protection sub-division under the CEC; a member of the energy and environment professional committee of China Energy Research Association; a member of the electric power environmental protection committee of the Chinese Society of Electrical Engineering; a member of the low-carbon economy working committee of the China Association of Plant Engineering Consultants (中國設備監理協會).

毛專建先生

生於1953年6月，為獨立非執行董事。大學學歷，教授級高級工程師，中國電力企業聯合會(「中電聯」)核心專家，電力行業環保節能專家庫專家，中共黨員。歷任國家水電部計劃司環保辦公室工程師及主任科員；中電聯環境保護中心環境保護管理處副處長、高級工程師；電力部、國家電力公司、中電聯綜合處副處長、技術諮詢處處長、諮詢工程師；中電聯行業發展與環境資源部環保處處長、電力應對氣候變化處處長；全國電力行業脫硫脫硝技術協作網副秘書長；中電聯節能環保分會副秘書長、常務副秘書長；中電聯節能環保分會高級專家；中國能源研究會能源與環境專業委員會委員；中國電機工程學會電力環保專業委員會委員；中國設備監理協會低碳經濟工作委員會委員。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

Mr. Gao Jiaxiang

born in January 1974, is an independent non-executive Director. He holds a post-graduate degree. He is a certified public accountant and certified tax agent. Mr. Gao successively served as an audit manager at Xinxiang Juzhongyuan Certified Public Accountants (新鄉巨中元會計師事務所有限責任公司); the manager of audit department at the Beijing branch of Nanfang Minhe Certified Public Accountants (南方民和會計師事務所); the department manager at Beijing Zhonghe Dingxin Certified Public Accountants (北京中和鼎信會計師事務所); the department manager at Beijing Tianyuanquan Certified Public Accountants (北京天圓全會計師事務所); the chief financial officer of Beijing Guanshi Foundation International Investment Management Company Limited (北京管氏基業國際投資管理有限公司); the chief accountant of Risun Chemical Co., Ltd. (旭陽化工有限公司); an executive director and the general manager of Beijing Huamai Huizhong Technology Co., Ltd. (北京華麥惠眾科技有限公司).

高家祥先生

生於1974年1月，為獨立非執行董事。研究生學歷，註冊會計師，註冊稅務師。歷任新鄉巨中元會計師事務所有限責任公司審計經理；南方民和會計師事務所北京分所審計部門經理；北京中和鼎信會計師事務所部門經理；北京天圓全會計師事務所部門經理；北京管氏基業國際投資管理有限公司財務總監；旭陽化工有限公司總會計師；北京華麥惠眾科技有限公司執行董事、總經理。

IV. SUPERVISORS

Mr. Huang Yuan

born in June 1972, is the chairman of the Supervisory Committee, deputy secretary of the Party Committee and chairman of the labor union. He holds a post-graduate degree, and is a member of the Communist Party of China and a senior political engineer. Mr. Huang successively served as assistant editor and reporter of News Department, editor and reporter of Special Edition Department, editor and reporter of the Agriculture and Electricity Department, editor, reporter and vice chairman of the labour union, secretary to the president, and vice chairman of the labour union of China Electric Power Newspaper Office; second-level staff, deputy director and director of Publicity Division of Ideological and Political Work Department, director of Publicity Division of the Political Work Department, deputy director of News Center, deputy director of News Center of China Datang Corporation, and director of Preparation Group for Datang Culture Media Co., Ltd.; general manager, deputy secretary of the Party Committee of China Datang Group Culture Media Co., Ltd. and deputy director of the News Center of China Datang; deputy director of the News Center of China Datang; the deputy secretary of the Party Committee of the Company, the deputy secretary of the Party Committee and chairman of the labor union of the Company.

四. 監事

黃源先生

生於1972年6月，為監事會主席、黨委副書記兼工會主席。研究生學歷，中共黨員，高級政工師。歷任中國電力報社新聞部助理編輯、記者，專刊部編輯、記者，農電部編輯、記者，編輯、記者兼工會副主席，社長秘書、工會副主席；中國大唐集團公司思想政治工作部宣傳處二級職員、宣傳處副處長、宣傳處處長，政工部宣傳處處長，新聞中心副主任，新聞中心副主任兼大唐文化傳媒有限公司籌備組組長；中國大唐集團文化傳媒有限公司總經理、黨委副書記兼中國大唐新聞中心副主任；中國大唐新聞中心副主任；本公司黨委副書記，黨委副書記兼工會主席。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

Mr. Zhang Xuefeng

born in September 1968, is a Supervisor. He holds a bachelor's degree, and is a principal senior accountant and a member of the Communist Party of China. He successively served as an intern in the Education Division and other divisions of Chifeng Thermal Power Plant; an accountant in the Finance Division, a cashier of Finance Division, general ledger statements and cost accountant, and chief accountant of Hongshan Power Plant; deputy director of Finance Division of related parent company of Chifeng Thermal Power Plant; director of Finance Division of Donglong Industrial Co., Ltd.; manager of Finance Division of Auxiliary Industry Company; director of Finance Division of Datang Chifeng Saihanba Wind Power Co., Ltd.; deputy chief accountant and director of Finance Division of Datang Chifeng Saihanba Wind Power Co., Ltd.; chief accountant, chief accountant and director of Finance and Property Management Department, deputy chief accountant and director of Finance and Property Management Department of China Datang Corporation Renewable Power Co., Ltd.; chief accountant, member of the Party Leadership Group, chief accountant and member of the Party Committee of Datang Guizhou Power Generation Co., Ltd.; chief accountant and member of the Party Committee of China Datang Corporation Energy Investment Co., Ltd.; a full-time supervisor of China Datang. He concurrently serves as a supervisor of Zhongxin Energy and Chemical Technology Company Limited.

張學峰先生

生於1968年9月，為監事。大學學歷，正高級會計師，中共黨員。歷任赤峰熱電廠教育處及各分場見習，紅山電廠財務處會計員，財務處出納、總賬報表、成本會計、主管會計；赤峰熱電廠關聯總公司財務處副處長；東龍實業有限公司財務處處長；輔業公司財務部經理；大唐赤峰塞罕壩風力發電有限責任公司財務部部長；大唐赤峰塞罕壩風力發電有限公司副總會計師兼財務部部長；中國大唐集團新能源有限責任公司總會計師、總會計師兼財務與產權管理部主任、副總會計師兼財務與產權管理部主任；大唐貴州發電有限公司總會計師、黨組成員，總會計師、黨委委員；中國大唐集團能源投資有限責任公司總會計師、黨委委員；中國大唐專職監事。現兼任中新能化科技有限公司監事。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

Ms. Luo Li

born in August 1971, is an employee representative Supervisor. She holds a bachelor's degree, and is a member of the Communist Party of China and a senior political engineer. Ms. Luo successively served as the publicity officer of the Party Office of China Hydropower Second Bureau Construction Branch (中國水電二局建築分局); officer of the Party Office, deputy secretary and secretary of Communist Youth League of China Water Resources and Hydropower Second Engineering Bureau (中國水利水電第二工程局); assistant director, deputy director (in charge of work), and director of the Supervision and Audit Department (Department of Ideological and Political Work) of Datang Environmental Technology Engineering Co., Ltd. (大唐環境科技工程有限公司); director of the Supervision and Audit Department (Department of Ideological and Political Work) of China Datang Group Environmental Technology Co., Ltd. (中國大唐集團環境技術有限公司); director of the Supervision and Audit Department (Ideological and Political Work Department) and secretary of the Party Committee of the Environmental Protection Branch of Datang Technology Industry Group Co., Ltd. (大唐科技產業集團有限公司); secretary of the Party Committee of the Environmental Protection Branch of the Company and secretary of the Party Branch of Datang Electric Power Design and Research Institute (大唐電力設計研究院), secretary of the Party Committee of Environmental Protection Branch, party secretary and vice president of Datang Electric Power Design and Research Institute (大唐電力設計研究院); and principal of the Discipline Inspection Commission Office of the Company.

羅莉女士

生於1971年8月，為職工代表監事。大學本科學歷，中共黨員，高級政工師。歷任中國水電二局建築分局黨辦宣傳幹事；中國水利水電第二工程局黨辦幹事、團委副書記、團委書記；大唐環境科技工程有限公司監察審計部(思想政治工作部)主任助理、副主任(主持工作)、主任；中國大唐集團環境技術有限公司監察審計部(思想政治工作部)主任；大唐科技產業集團有限公司監察審計部(思想政治工作部)主任、環保分公司黨委書記；本公司環保分公司黨委書記兼任大唐電力設計研究院黨總支書記、環保分公司黨委書記、大唐電力設計研究院黨委書記、副院長；本公司紀委辦公室負責人。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

V. SENIOR MANAGEMENT

Mr. Chen Song

born in May 1968, has been serving as the chief accountant and a member of the Party Committee of the Company since July 2019. Mr. Chen has nearly 30 years of experience in power industry. Prior to joining the Company, Mr. Chen consecutively served as an accountant of financial department of North China Power Institute (華北電力設計院) from July 1991 to January 1993; an accountant of financial department of North China Power Group Co., Ltd. (華北電力集團公司) from January 1993 to January 1998, senior head of financial department, vice director of the funds division and director of property funds division of the financial department of Beijing Datang Power Generation Company Limited (北京大唐發電股份有限公司) from January 1998 to December 2004; plant manager assistant, deputy plant manager and concurrently chief accountant of Beijing Gao Jing Thermal Power Plant (北京高井熱電廠) from December 2004 to December 2006; vice manager, vice general manager and vice director of the financial department of Datang International Power Co., Ltd. (大唐國際發電股份有限公司) from December 2006 to November 2009; general manager and director of phase II construction preparation department of Yunnan Datang International Honghe Power Generation Company Limited (雲南大唐國際紅河發電有限責任公司) from November 2009 to December 2012; director of the financial department of Datang International Power Co., Ltd. from December 2012 to December 2013; and chief accountant and a Party Committee member of Datang Renewable from December 2013 to July 2019. Mr. Chen graduated from Xiamen University (廈門大學) with a bachelor's degree of economics in accounting in July 1991. He obtained the qualification as a senior accountant in December 2002.

五. 高級管理層

陳崧先生

生於1968年5月，自2019年7月起擔任本公司總會計師、黨委委員。陳先生於電力行業擁有近三十年的豐富經驗。在加入本公司前，陳先生於1991年7月至1993年1月任華北電力設計院財務處會計；1993年1月至1998年1月任華北電力集團公司財務部會計；1998年1月至2004年12月任北京大唐發電股份有限公司財務部高級主管、財務部資金處副處長、財務部產權資金處處長；2004年12月至2006年12月任北京高井熱電廠廠長助理、副廠長兼總會計師；2006年12月至2009年11月任大唐國際發電股份有限公司財務部副經理、副總經理、財務部副主任；2009年11月至2012年12月任雲南大唐國際紅河發電有限責任公司總經理、二期工程籌建處主任；2012年12月至2013年12月任大唐國際發電股份有限公司財務部主任；2013年12月至2019年7月任大唐新能源總會計師、黨組成員。陳先生於1991年7月畢業於廈門大學會計系，獲得經濟學學士學位，於2002年12月取得高級會計師資格。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

Mr. Liu Chundong

born in February 1970, a member of the Communist Party of China and a senior engineer. Mr. Liu has been serving as the deputy general manager of the Company since July 2020. Mr. Liu has nearly 30 years of extensive experience in the power industry. Prior to joining the Company, Mr. Liu served successively as a watch of operation, chief watch of operation, deputy shift leader, specialist engineer in operation, specialist engineer in electric operation and maintenance of the Production Technology Department, shift supervisor of the Production Technology Department, the director (maintenance) of the Electrical Branch of Tongliao Power Generation Plant (通遼發電總廠發電分廠) from July 1991 to January 2005. He served as a senior engineering supervisor of the Power Generation Management Department of CPI Hologol Coal (中電霍煤發電管理部) from January 2005 to May 2008. He served as deputy director of the Safety Division and Engineering Department of the Power Generation Department of CPI East Inner Mongolia Energy (中電投蒙東能源發電事業部安全生產與工程部) and the deputy director of the Tender and Bid Management Center of CPI East Inner Mongolia Energy Co., Ltd. (中電投蒙東能源集團公司招標管理中心) from May 2008 to February 2011. He served as the deputy president of Datang Renewable Power Maintenance Co., Ltd. (大唐新能源電力檢修有限公司) as well as the deputy general manager of Beijing Tanghao Electricity Engineering Technology Research Co., Ltd. (北京唐浩電力工程技術研究有限公司) from February 2011 to January 2012. He served successively as the deputy director (in charge) of the Science and Information Department and the director of President Office Department (International Cooperation Department, Policy and Law Department) of Datang Renewable from January 2012 to October 2015. He served as the dean of Datang Renewable Energy Test and Research Institute (大唐新能源試驗研究院) from October 2015 to December 2016, and the chief engineer of Datang Renewable from December 2016 to December 2017. He served as the deputy general manager and member of the Party Committee of China Datang Group Overseas Investment Co., Ltd. (中國大唐集團海外投資有限公司) from December 2017 to May 2018. He served as the deputy general manager and member of the Party Committee of China Datang Group Overseas Investment Co., Ltd. as well as the director of the Preparatory Office of China Datang Group Africa Co., Ltd. (中國大唐集團非洲公司) from May 2018 to March 2019. He served as the associate dean and member of the Party Committee of China Datang Corporation Renewable Power Science and Technology Research Institute Co., Ltd. (中國大唐集團新能源科學技術研究院有限公司) from March 2019 to June 2020. Mr. Liu studied in Harbin Institute of Technology from July 1987 to July 1991 and obtained his bachelor's degree majoring in electric power system and automation.

劉春東先生

生於1970年2月，中共黨員，高級工程師，自2020年7月起擔任本公司副總經理。劉先生於電力行業有近三十年的豐富經驗。在加入本公司前，劉先生於1991年7月至2005年1月分別任通遼發電總廠發電分廠運行值班員、運行主值班員、運行副班長、運行專工、生產技術部電氣運行及檢修專工、生產技術部部長、電氣分廠主任(檢修)；2005年1月至2008年5月任中電霍煤發電管理部工程高級主管；2008年5月至2011年2月分別任中電投蒙東能源發電事業部安全生產與工程部副主任、中電投蒙東能源集團公司招標管理中心副主任；2011年2月至2012年1月任大唐新能源電力檢修有限公司副總經理兼任北京唐浩電力工程技術研究有限公司副總經理；2012年1月至2015年10月分別任大唐新能源科技資訊部副主任(主持工作)、總經理工作部(國際合作部、政策與法律部)主任；2015年10月至2016年12月任大唐新能源試驗研究院院長；2016年12月至2017年12月任大唐新能源總工程師；2017年12月至2018年5月任中國大唐集團海外投資有限公司副總經理、黨委委員；2018年5月至2019年3月任中國大唐集團海外投資有限公司副總經理、黨委委員兼中國大唐集團非洲公司籌備處主任；2019年3月至2020年6月任中國大唐集團新能源科學技術研究院有限公司副院長、黨委委員。劉先生於1987年7月至1991年7月在哈爾濱工業大學電力系統及其自動化專業本科學習，獲得學士學位。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

Mr. Zhou Ce

born in September 1969, has been serving as a member of the Party Committee, the secretary of the Discipline Inspection Committee and chairman of the labor union of the Company since March 2020. Mr. Zhou possessed approximately 20 years of work experience in the power industry. Before joining the Company, Mr. Zhou worked as an intern, technician and assistant engineer in the power workshop of Shandong Heze Second Woolen Textile Factory (山東荷澤第二毛紡織廠) from July 1991 to March 1993. He served as the deputy manager of Shandong Heze Modern Office Equipment Company (山東荷澤現代辦公設備公司) from March 1993 to June 1995. Mr. Zhou served as the secretary, judge of the fourth rank, judge of the third rank and chief judge of Shandong Heze Intermediate People's Court (山東荷澤中級人民法院) from June 1995 to September 2000. He studied for master of law (international economic law) in China University of Political Science and Law (中國政法大學) from September 2000 to August 2003. He served as the fourth-class employee of economy and law department of State Grid Corporation of China (國家電網公司) from August 2003 to December 2006. Mr. Zhou served as the deputy director and director of economy and law department of State Grid Corporation of China from December 2006 to June 2013. He served as the head of integrated administrative team, head of Party Committee working group, director of office and director of legal office of State Grid Integrated Energy Service Group Co., Ltd. (國網節能服務有限公司) from June 2013 to August 2017. Mr. Zhou served as the deputy director of corporate management and legal affairs department, the deputy director of monitoring division (the office of disciplinary team of the Communist Party Committee and inspection office) and the deputy director of inspection office of the Communist Party Committee of China Datang Corporation from August 2017 to March 2020. Mr. Zhou studied in Shandong University (山東大學) with the major of Law from December 1997 to June 2002 and obtained a bachelor's degree. Mr. Zhou obtained master's degree in law of China University of Political Science and Law in August 2003.

周策先生

生於1969年9月，自2020年3月起擔任本公司黨委委員、紀律檢查委員會書記、工會主席。周先生於電力行業擁有約20年經驗。加入本公司前，周先生於1991年7月至1993年3月在山東荷澤第二毛紡織廠動力車間工作，歷任實習生、技術員、助理工程師。1993年3月至1995年6月在山東荷澤現代辦公設備公司擔任副經理。1995年6月至2000年9月在山東荷澤中級人民法院歷任書記員、四級法官、三級法官、審判長。2000年9月至2003年8月在中國政法大學攻讀法律碩士(國際經濟法)專業。2003年8月至2006年12月在國家電網公司經濟法律部擔任四級職員。2006年12月至2013年6月在國家電網公司歷任經濟法律部副處長、處長。2013年6月至2017年8月在國網節能服務有限公司行政綜合組負責人、黨群工作組負責人、辦公室主任、法律辦公室主任。2017年8月至2020年3月在中國大唐集團公司歷任企業管理與法律事務部副主任、監察部(黨組紀檢組辦公室、巡視工作辦公室)副主任、黨組巡視工作辦公室副主任。周先生於1997年12月至2002年6月在山東大學法學專業學習，獲得大學學歷，於2003年8月取得中國政法大學法律碩士學位。

PROFILE OF DIRECTORS, SUPERVISORS AND SENIOR MANAGEMENT (CONTINUED)

董事、監事及高級管理層簡介(續)

Mr. Liang Xiuguang

born in January 1979, has been serving as secretary of the Board, joint company secretary and authorized representative of the Company since November 2020 and deputy general manager of the Company since March 2018. He is responsible for materials management and market development of the Company. He has nearly 20 years of experience in power industry. Before joining the Company, Mr. Liang worked for Shandong Huangdao Electric Power Plant (山東黃島發電廠) from July 2000 to September 2009, served successively as boiler operator, secretary of the general office, deputy director of the general office and director of the politics department. When serving for Datang Shandong Renewable Energy Co., Ltd. (大唐山東新能源有限公司) from September 2009 to March 2012, Mr. Liang acted successively as head of the general economics department, deputy chief economist, deputy general manager and member of Party Committee. He served concurrently as deputy general manager of Datang Shandong Clean Energy Development Co., Ltd. (大唐山東清潔能源開發有限公司) from November 2010 to March 2012, and acted as deputy general manager and member of Party Committee of Datang Shandong Clean Energy Development Co., Ltd. from March 2012 to March 2013. From March 2013 to November 2013, Mr. Liang worked for Shenyang Huachuang Wind Power Co., Ltd. (瀋陽華創風能有限公司) as member of Party Committee and deputy general manager. He served successively as deputy general manager of the automation department, deputy director of materials management department (in charge of overall operation) and director of materials management department of the Company from November 2013 to January 2017. From January 2017 to March 2018, Mr. Liang acted as general manager and member of Party Committee of Technology & Engineering Company. Mr. Liang graduated from the Power Faculty of Shandong Electric Power College (山東省電力高等專科學校) in July 2000, with major in thermal power, and took undergraduate courses on thermal energy and power engineering from the School of Continuing Education of Harbin Institute of Technology (哈爾濱工業大學) from March 2010 to July 2012. Subsequently, he obtained a master's degree in engineering from Xi'an University (西安電子科技大學) in June 2017. Mr. Liang was granted the qualification of senior administration engineer by China Datang in December 2016.

梁秀廣先生

生於1979年1月，自2020年11月起擔任董事會秘書、聯席公司秘書及本公司授權代表，自2018年3月起擔任本公司副總經理，負責本公司物資管理和市場開發工作。他於電力行業擁有近二十年經驗。加入本公司前，梁先生於2000年7月至2009年9月在山東黃島發電廠工作，歷任鍋爐運行值班員、辦公室文牘秘書、辦公室副主任、思政部主任，2009年9月至2012年3月在大唐山東新能源有限公司工作，歷任總經理部部長、副總經理、副總經理、黨委委員，2010年11月至2012年3月兼任大唐山東清潔能源開發有限公司副總經理，2012年3月至2013年3月任大唐山東清潔能源開發有限公司副總經理、黨委委員，2013年3月至2013年11月任瀋陽華創風能有限公司黨委委員、副總經理，2013年11月至2017年1月在本公司工作，歷任自動化事業部副總經理、物資管理部副主任(主持工作)、物資管理部主任，2017年1月至2018年3月任科技工程公司總經理、黨委委員。梁先生於2000年7月畢業於山東省電力高等專科學校動力系熱能動力專業，於2010年3月至2012年7月在哈爾濱工業大學繼續教育學院熱能與動力工程專業函授本科學習，其後於2017年6月在西安電子科技大學取得工程碩士學位。梁先生於2016年12月獲中國大唐授予高級政工師資格。

INDEPENDENT AUDITOR'S REPORT

獨立核數師報告



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致大唐環境產業集團股份有限公司董事會之獨立
審閱報告

(於中華人民共和國註冊成立的股份有限公司)

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Independent Review Report to the Board of Directors of Datang
Environment Industry Group Co., Ltd.

大唐環境產業集團股份有限公司

(Established in the People's Republic of China with limited liability)

Introduction

We have reviewed the interim financial information set out on pages 56 to 97, which comprises the condensed consolidated statement of financial position of Datang Environment Industry Group Co., Ltd. (the "Company") and its subsidiaries (the "Group") as at 30 June 2022 and the related condensed consolidated statements of profit or loss and other comprehensive income, changes in equity and cash flows for the six-month period then ended, and explanatory notes. The Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited require the preparation of a report on interim financial information to be in compliance with the relevant provisions thereof and International Accounting Standard 34 *Interim Financial Reporting* ("IAS 34") issued by the International Accounting Standards Board. The directors of the Company are responsible for the preparation and presentation of this interim financial information in accordance with IAS 34. Our responsibility is to express a conclusion on this interim financial information based on our review and to report our conclusion solely to you, as a body, in accordance with our agreed terms of engagement and for no other purpose. We do not assume responsibility towards or accept liability to any other person for the contents of this report.

Scope of Review

We conducted our review in accordance with Hong Kong Standard on Review Engagements 2410 *Review of Interim Financial Information Performed by the Independent Auditor of the Entity* issued by the Hong Kong Institute of Certified Public Accountants. A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Hong Kong Standards on Auditing and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

引言

我們已審閱列載於第56頁至第97頁大唐環境產業集團股份有限公司(以下統稱「貴公司」)及其附屬公司(以下統稱「貴集團」)的中期財務資料，包括於二零二二年六月三十日之簡明合併財務狀況表，及截至該日止六個月期間的相關簡明合併損益及其他綜合收益表、權益變動表和現金流量表，及附註解釋。香港聯合交易所有限公司證券上市規則要求應按照相關條例及由國際會計準則委員會頒佈的國際會計準則第34號「中期財務報告」(「國際會計準則第34號」)編製中期財務資料報告。貴公司董事負責根據國際會計準則第34號編製並且列報本中期財務資料。我們的責任是基於我們的審閱對本中期財務資料做出結論且我們就協議約定條款僅向全體董事報告我們的結論，並不能做除此以外的其他用途。我們概不就本報告的內容對任何其他人士負責或承擔任何責任。

審閱範圍

我們按照香港會計師公會頒佈的香港審閱工作準則第2410號「實體獨立核數師對中期財務資料的審閱」的規定執行了審閱業務。審閱中期財務資料包括主要對負責財務會計事項的人員進行查詢，及實施分析性覆核及其他審閱程序。該審閱工作範圍與根據香港審計準則為發表審計意見而進行的審計工作相比較少，從而不能保證我們會注意到在審計工作中可能會被發現的所有重大事項。因此，我們不發表審計意見。

INDEPENDENT AUDITOR'S REPORT (CONTINUED)

獨立核數師報告(續)



Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the interim financial information is not prepared, in all material respects, in accordance with IAS 34.

Other Matter

The comparative condensed consolidated statements of profit or loss and other comprehensive income, changes in equity and cash flows for the six-month period ended 30 June 2021 and the relevant explanatory notes included in this interim financial information were extracted from the interim financial information of the Group for the six-month period ended 30 June 2021 reviewed by another auditor who expressed an unmodified conclusion on the interim financial information on 20 August 2021. The comparative condensed consolidated statement of financial position as at 31 December 2021 was extracted from the consolidated financial statements of the Group for the year ended 31 December 2021 audited by the same auditor who expressed an unmodified opinion on those statements on 31 March 2022.

Moore Stephens CPA Limited
Certified Public Accountants
Registered Public Interest Entity Auditors

Hong Kong, 31 August 2022

結論

根據我們的審閱，我們沒有注意到任何事項使我們相信中期財務資料未能在所有重大方面按照國際會計準則第34號編製。

其他事項

截至二零二一年六月三十日止六個月期間之比較簡明合併損益及其他綜合收益表、權益變動表及現金流量表及本中期財務資料所載相關解釋附註乃摘錄自貴集團截至二零二一年六月三十日止六個月期間之中期財務資料(由另一核數師於二零二一年八月二十日審閱並就中期財務資料發表無修訂結論)。截至二零二一年十二月三十一日之比較簡明合併財務狀況表乃摘錄自貴集團截至二零二一年十二月三十一日止年度之合併財務報表(由相同的核數師於二零二二年三月三十一日審閱並就該等報表發表無修訂結論)。

大華馬施雲會計師事務所有限公司
執業會計師
註冊公眾利益實體核數師

香港，二零二二年八月三十一日

INTERIM CONDENSED CONSOLIDATED STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME

中期簡明合併損益及其他綜合收益表

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月（除特別註明外，所有金額均以人民幣千元為單位）

			2022 二零二二年 Unaudited 未經審計 RMB'000 人民幣千元	2021 二零二一年 Unaudited 未經審計 RMB'000 人民幣千元
		Notes 附註		
Revenue	收入	4	2,318,791	2,196,597
Cost of sales	銷售成本		(1,834,623)	(1,798,319)
Gross profit	毛利		484,168	398,278
Selling and distribution expenses	銷售和分銷開支		(6,300)	(10,023)
Administrative expenses	行政開支		(159,294)	(220,839)
Other income and losses	其他收益及損失	5	35,466	56,019
Other expenses, net	其他開支淨額	6	(4,275)	-
Finance costs	財務支出	7	(103,090)	(111,960)
Impairment losses on financial assets and contract assets, net	金融資產和合同資產減值損失，淨值		(4,801)	(9,502)
Profit before tax	稅前利潤		241,874	101,973
Income tax expense	所得稅開支	8	(41,964)	(35,548)
PROFIT FOR THE PERIOD	期內利潤		199,910	66,425
OTHER COMPREHENSIVE INCOME	其他綜合收益			
Other comprehensive income that may be reclassified to profit or loss in subsequent periods:	於往後期間將予重新分類至損益的其他綜合收益：			
Exchange differences on translation of foreign operations	於海外運營有關的匯兌差額		1,335	2,029
Other comprehensive income that may be reclassified to profit or loss in subsequent periods, net	於往後期間將予重新分類至損益的其他綜合收益淨額		1,335	2,029
Other comprehensive income that will not be reclassified to profit or loss in subsequent periods:	於往後期間不能重新分類至損益的其他綜合收益：			
Equity investments designated at fair value through other comprehensive income:	指定以公允價值計量且變動計入其他綜合收益的權益投資：			
Changes in fair value	公允價值變動		-	(4,748)
Income tax	所得稅		208	712

INTERIM CONDENSED CONSOLIDATED STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME (CONTINUED)

中期簡明合併損益及其他綜合收益表（續）

For the six months ended 30 June 2022 (*Amounts expressed in thousands of RMB unless otherwise stated*)
截至二零二二年六月三十日止六個月（除特別註明外，所有金額均以人民幣千元為單位）

		2022 二零二二年 Unaudited 未經審計 RMB'000 人民幣千元	2021 二零二一年 Unaudited 未經審計 RMB'000 人民幣千元
	Notes 附註		
Other comprehensive income/(losses) that will not be reclassified to profit or loss in subsequent periods, net	於往後期間不能重新分類至損益的其他綜合收益／（損失）淨額	208	(4,036)
OTHER COMPREHENSIVE INCOME/(LOSSES) FOR THE PERIOD, NET OF TAX	期內其他綜合收益／（損失）（扣除稅項）	1,543	(2,007)
TOTAL COMPREHENSIVE INCOME FOR THE PERIOD	期內綜合收益總額	201,453	64,418
Profit attributable to:	利潤歸屬於：		
Owners of the parent	母公司擁有人	197,038	86,645
Non-controlling interests	非控股權益	2,872	(20,220)
		199,910	66,425
Total comprehensive income attributable to:	綜合收益總額歸屬於：		
Owners of the parent	母公司擁有人	197,994	83,745
Non-controlling interests	非控股權益	3,459	(19,327)
		201,453	64,418
EARNINGS PER SHARE ATTRIBUTABLE TO ORDINARY EQUITY HOLDERS OF THE PARENT	歸屬於母公司普通股持有人的每股盈利		
Basic and diluted (RMB)	基本和攤薄（人民幣元）	10	0.03

INTERIM CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL POSITION

中期簡明合併財務狀況表

As at 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

於二零二二年六月三十日 (除特別註明外，所有金額均以人民幣千元為單位)

			30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元
		Notes 附註		
NON-CURRENT ASSETS	非流動資產			
Property, plant and equipment	物業、廠房和設備	11	6,625,462	6,828,008
Right-of-use assets	使用權資產		299,205	312,776
Intangible assets	無形資產		239,685	252,900
Equity investments designated at fair value through other comprehensive income	以公允價值計量且其變動計入其他綜合收益的權益投資		-	26,389
Deferred tax assets	遞延稅項資產		51,685	51,840
Other non-current assets	其他非流動資產		292,693	385,752
Total non-current assets	非流動資產總額		7,508,730	7,857,665
CURRENT ASSETS	流動資產			
Inventories	存貨		218,663	204,931
Trade, bills receivables and contract assets	貿易應收款項、應收票據和合同資產	12	8,723,824	8,433,698
Prepayments, other receivables and other assets	預付款項、其他應收款項及其他資產	13	560,377	565,606
Restricted cash	受限制現金	14	90,343	121,604
Cash and cash equivalents	現金和現金等價物	14	972,286	1,244,882
Total current assets	流動資產總額		10,565,493	10,570,721
CURRENT LIABILITIES	流動負債			
Trade and bills payables	貿易應付款項和應付票據	15	4,497,906	4,579,064
Other payables and accruals	其他應付款項和應計費用		945,396	982,683
Provisions	撥備	16	48,082	123,931
Interest-bearing bank borrowings and other loans	計息銀行借款和其他貸款	17	4,110,751	3,789,805
Income tax payable	應付所得稅		14,615	2,716
Total current liabilities	流動負債總額		9,616,750	9,478,199
NET CURRENT ASSETS	流動資產淨額		948,743	1,092,522
TOTAL ASSETS LESS CURRENT LIABILITIES	資產總額減流動負債		8,457,473	8,950,187

INTERIM CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL POSITION (CONTINUED)

中期簡明合併財務狀況表 (續)

As at 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
於二零二二年六月三十日 (除特別註明外，所有金額均以人民幣千元為單位)

			30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元
		Notes 附註		
NON-CURRENT LIABILITIES	非流動負債			
Provisions	撥備	16	303	480
Interest-bearing bank borrowings and other loans	計息銀行借款和其他貸款	17	1,559,902	2,162,981
Other non-current liabilities	其他非流動負債		28,672	31,150
Total non-current liabilities	非流動負債總額		1,588,877	2,194,611
Net assets	資產淨額		6,868,596	6,755,576
EQUITY	權益			
Equity attributable to owners of the parent	母公司擁有人應佔權益			
Share capital	股本		2,967,542	2,967,542
Reserves	儲備		4,017,445	3,907,884
Retained profits	未分配利潤		6,984,987	6,875,426
Non-controlling interests	非控股權益		(116,391)	(119,850)
Total equity	權益總額		6,868,596	6,755,576

Shen Zhen
申鎮
Executive Director and General Manager
執行董事兼總經理

INTERIM CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

中期簡明合併權益變動表

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

		Attributable to owners of the parent 母公司擁有人應佔							Non-controlling interests	Total equity
		Share capital	Capital reserve*	Statutory surplus reserve*	Fair value reserve of financial assets at fair value through other comprehensive income* 以公允價值計量且變動計入其他綜合收益的金融資產的公允價值儲備*	Exchange fluctuation reserve*	Retained profits*	Total		
		股本 RMB'000 人民幣千元	資本儲備* RMB'000 人民幣千元	法定盈餘儲備* RMB'000 人民幣千元	公允價值儲備* RMB'000 人民幣千元	外匯波動儲備* RMB'000 人民幣千元	未分配利潤* RMB'000 人民幣千元	總額 RMB'000 人民幣千元	非控股權益 RMB'000 人民幣千元	權益總額 RMB'000 人民幣千元
At 1 January 2022 (audited)	於二零二二年一月一日(經審計)	2,967,542	1,315,483	417,396	1,181	(30)	2,173,854	6,875,426	(119,850)	6,755,576
Profit for the period	期內利潤	-	-	-	-	-	197,038	197,038	2,872	199,910
Other comprehensive income for the period:	期內其他綜合收益:									
Income tax relating to equity investments designated at fair value through other comprehensive income being disposed of	出售指定以公允價值計量且其變動計入其他綜合收益的權益投資相關的所得稅	-	-	-	208	-	-	208	-	208
Exchange difference on translation of foreign operations	與海外運營有關的匯兌差額	-	-	-	-	748	-	748	587	1,335
Total comprehensive income for the period	期內綜合收益總額	-	-	-	208	748	197,038	197,994	3,459	201,453
Disposal of equity investments designated at fair value through other comprehensive income	出售指定以公允價值計量且其變動計入其他綜合收益的權益投資	-	-	-	(1,389)	-	1,389	-	-	-
Final 2021 dividends declared (Note 9)	宣派二零二一年度末期股息(附註9)	-	-	-	-	-	(88,433)	(88,433)	-	(88,433)
At 30 June 2022 (unaudited)	於二零二二年六月三十日(未經審計)	2,967,542	1,315,483	417,396	-	718	2,283,848	6,984,987	(116,391)	6,868,596
At 1 January 2021 (audited)	於二零二一年一月一日(經審計)	2,967,542	1,315,483	406,481	3,327	(627)	2,525,453	7,217,659	121,619	7,339,278
Profit for the period	期內利潤	-	-	-	-	-	86,645	86,645	(20,220)	66,425
Other comprehensive income for the period:	期內其他綜合收益:									
Change in fair value of equity investments designated at fair value through other comprehensive income, net of tax	指定以公允價值計量且其變動計入其他綜合收益的權益投資的公允價值變動(扣除稅項)	-	-	-	(4,036)	-	-	(4,036)	-	(4,036)
Exchange difference on translation of foreign operations	與海外運營有關的匯兌差額	-	-	-	-	1,136	-	1,136	893	2,029
Total comprehensive income for the period	期內綜合收益總額	-	-	-	(4,036)	1,136	86,645	83,745	(19,327)	64,418
Final 2020 dividends declared (Note 9)	宣派二零二零年度末期股息(附註9)	-	-	-	-	-	(132,352)	(132,352)	-	(132,352)
Dividends paid by a subsidiary to its non-controlling interests	附屬公司支付予非控股權益持有人的股息	-	-	-	-	-	-	-	(7,000)	(7,000)
At 30 June 2021 (unaudited)	於二零二一年六月三十日(未經審計)	2,967,542	1,315,483	406,481	(709)	509	2,479,746	7,169,052	95,292	7,264,344

* These reserves accounts comprise the consolidated reserves of RMB4,017,445,000 and RMB4,201,510,000 as at 30 June 2022 and 2021, respectively, in the interim condensed consolidated statement of financial position.

* 該等儲備賬戶包含中期簡明合併財務狀況表中的於二零二二年及二零二一年六月三十日之合併儲備分別為人民幣4,017,445,000元及人民幣4,201,510,000元。

INTERIM CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS

中期簡明合併現金流量表

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月（除特別註明外，所有金額均以人民幣千元為單位）

		2022 二零二二年 Unaudited 未經審計 RMB'000 人民幣千元	2021 二零二一年 Unaudited 未經審計 RMB'000 人民幣千元
NET CASH FLOWS GENERATED FROM OPERATING ACTIVITIES	經營活動所得現金流量淨額	276,587	327,008
CASH FLOWS FROM INVESTING ACTIVITIES	投資活動產生的現金流量		
Interest received	已收利息	4,760	3,763
Purchase of items of property, plant and equipment, intangible assets and other non-current assets	購買物業、廠房和設備、無形資產及其他非流動資產項目	(102,680)	(159,714)
Proceeds from disposal of items of property, plant and equipment	處置物業、廠房和設備項目所得款項	40	-
Net cash flows used in investing activities	投資活動使用現金流量淨額	(97,880)	(155,951)
CASH FLOWS FROM FINANCING ACTIVITIES	融資活動產生的現金流量		
Proceeds from bank borrowings and other loans	銀行借款及其他貸款所得款項	3,804,075	1,776,495
Repayments of bank borrowings and other loans	償還銀行借款及其他貸款款項	(4,163,632)	(2,635,832)
Principal portion of lease payments	支付租賃本金部分	-	(1,777)
Dividends paid to shareholders	派付予股東的股息	-	(51,433)
Dividends paid to non-controlling interests	派付予非控股權益的股息	(2,693)	(12,400)
Interest paid	已付利息	(89,362)	(106,249)
Net cash flows used in financing activities	融資活動使用現金流量淨額	(451,612)	(1,031,196)
NET DECREASE IN CASH AND CASH EQUIVALENTS	現金和現金等價物減少淨額	(272,905)	(860,139)
Cash and cash equivalents at the beginning of the period	期初現金和現金等價物	1,244,882	1,531,739
Effect of foreign exchange rate changes, net	匯率變動的影響淨額	309	(320)
CASH AND CASH EQUIVALENTS AT THE END OF THE PERIOD	期末現金和現金等價物	972,286	671,280

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION

中期簡明合併財務資料附註

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月（除特別註明外，所有金額均以人民幣千元為單位）

1. CORPORATE AND GROUP INFORMATION

Datang Environment Industry Group Co., Ltd. (大唐環境產業集團股份有限公司) (the “**Company**”) was established on 25 July 2011 in the People’s Republic of China (the “**PRC**”) with limited liability. On 26 June 2015, the Company converted into a joint stock company with limited liability from a limited liability company. The shares of the Company have been listed on the Main board of The Stock Exchange of Hong Kong Limited on 15 November 2016. The address of its registered office is No. 120 Zizhuyuan Road, Haidian District, Beijing, the PRC.

The Company and its subsidiaries (together the “**Group**”) are involved in the following principal activities: environmental protection facility concession operation, the manufacture and sale of denitrification catalysts, environmental protection facilities engineering, water treatment business, energy conservation business and renewable energy engineering business.

In the opinion of the directors of the Company (“**Directors**”), the immediate holding company and ultimate holding company of the Company is China Datang Corporation Ltd. (“**China Datang**”), a company established and domiciled in the PRC and wholly-owned by the State-owned Assets Supervision and Administration Commission of the State Council.

The interim condensed consolidated financial information is presented in thousands of Renminbi (“**RMB**”), unless otherwise stated.

The interim condensed consolidated financial information has not been audited.

1. 公司和集團資料

大唐環境產業集團股份有限公司(「**本公司**」)為於二零一一年七月二十五日在中華人民共和國(「**中國**」)成立的有限公司。本公司於二零一五年六月二十六日從有限責任公司轉換為股份有限公司。本公司股份已於二零一六年十一月十五日在香港聯合交易所有限公司主板上市。本公司註冊辦公地址為中國北京市海澱區紫竹院路120號。

本公司及其附屬公司(統稱「**本集團**」)涉及以下主要活動：環保設施特許經營，脫硝催化劑的生產和銷售，環保設施工程，水處理業務，節能工程業務及可再生能源工程業務。

本公司董事(「**董事**」)認為，本公司的直接控股公司和最終控股公司為中國大唐集團有限公司(「**中國大唐**」)，中國大唐為一家在中國註冊成立和住所在中國以及由國務院國有資產監督管理委員會全資擁有的公司。

除特別註明外，本中期簡明合併財務資料所有金額均以人民幣(「**人民幣**」)千元為單位。

本中期簡明合併財務資料未經審計。

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED) 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

2. BASIS OF PREPARATION AND CHANGES IN THE GROUP'S ACCOUNTING POLICIES AND DISCLOSURES

2.1 Basis of preparation

The interim condensed consolidated financial information of the Group for the six months ended 30 June 2022 has been prepared in accordance with International Accounting Standard ("IAS") 34 *Interim Financial Reporting*.

The interim condensed consolidated financial information does not include all the information and disclosures required in the annual financial statements of the Group, and should be read in conjunction with the Group's annual consolidated financial statements for the year ended 31 December 2021.

2.2 Changes in accounting policies and disclosures

The accounting policies adopted in the preparation of the interim condensed consolidated financial information are consistent with those applied in the preparation of the Group's annual consolidated financial statements for the year ended 31 December 2021, except for the adoption of the following revised International Financial Reporting Standards ("IFRSs") for the first time for the current period's financial information.

Amendments to IFRS 3	<i>Reference to the Conceptual Framework</i>
Amendments to IAS 16	<i>Property, Plant and Equipment: Proceeds before Intended Use</i>
Amendments to IAS 37	<i>Onerous Contracts – Cost of Fulfilling a Contract</i>
Annual Improvements to IFRSs 2018-2020	<i>Amendments to IFRS 1, IFRS 9, Illustrative Examples accompanying IFRS 16, and IAS 41</i>

2. 編製基準及本集團會計政策和披露變動

2.1 編製基準

本集團截至二零二二年六月三十日止六個月之中期簡明合併財務資料乃按照國際會計準則(「國際會計準則」)第34號「中期財務報告」編製。

本中期簡明合併財務資料不包括本集團年度財務報表所載的所有資訊和披露，且應與截至二零二一年十二月三十一日止年度的本集團年度合併財務報表一併閱讀。

2.2 會計政策及披露變動

除本期財務資訊首次採用以下修訂後的國際財務報告準則(「國際財務報告準則」)外，本中期簡明合併財務資料的會計政策編製基礎與本集團截至二零二一年十二月三十一日止年度的年度合併財務報表的會計政策編製基礎一致。

國際財務報告準則第3號之修訂	參考概念框架
國際會計準則第16號之修訂	物業、廠房及設備：作擬定用途前之所得款項
國際會計準則第37號之修訂	虧損性合同 — 履行合同的成本
國際財務報告準則2018年至2020年週期之年度改進	國際財務報告準則第1號之修訂、國際財務報告準則第9號之修訂、國際財務報告準則第16號說明性案例及國際會計準則第41號之修訂

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

2. BASIS OF PREPARATION AND CHANGES IN THE GROUP'S ACCOUNTING POLICIES AND DISCLOSURES (CONTINUED)

2.2 Changes in accounting policies and disclosures (Continued)

The adoption of the new and revised IFRSs has had no significant effect on these unaudited condensed consolidated financial statements for the six months ended 30 June 2022 and there have been no significant changes to the accounting policies applied in these unaudited condensed consolidated financial statements for the six months ended 30 June 2022.

The Group has not applied new and revised standards, amendments or interpretations that have been issued but are not yet effective. The Group is currently assessing the impact of the adoption of such new and revised standards, amendments or interpretations to the Group but is yet to be in a position to state whether they would have any material financial impact on the Group's results of operations and financial position.

2.3 Accounting judgments and estimates

The preparation of the interim condensed consolidated financial information requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets and liabilities, income and expense. Actual results may differ from these estimates.

In preparing the interim condensed consolidated financial information, the significant judgments made by management in applying the Group's accounting policies and the key sources of estimation uncertainty were the same as those that are applied to the consolidated financial statements for the year ended 31 December 2021.

2. 編製基準及本集團會計政策和披露變動(續)

2.2 會計政策及披露變動(續)

採納新訂及經修訂國際財務報告準則對截至二零二二年六月三十日止六個月的該等未經審計簡明合併財務報表並無任何重大影響，而截至二零二二年六月三十日止六個月的該等未經審計簡明合併財務報表所應用的會計政策概無任何重大變動。

本集團並無應用已頒佈但尚未生效的新訂及經修訂準則、修訂本或詮釋。本集團現時正在評估採納該等新訂及經修訂準則、修訂本或詮釋對本集團造成的影響，惟尚未能指出本集團的經營業績及財務狀況會否因此受到任何重大財務影響。

2.3 會計判斷和估計

中期簡明合併財務資料的編製，需要管理層作出影響會計政策應用以及資產、負債、收入及費用列報金額的判斷、估計和假設。實際結果可能與這些估計不同。

編製本中期簡明合併財務資料時，管理層作出的關於本集團會計政策的應用及估計不確定性的主要來源方面的重大判斷，與截至二零二一年十二月三十一日止年度的合併財務報表所採用的重大判斷保持一致。

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

3. OPERATING SEGMENT INFORMATION

For management purposes, the Group's operating businesses are structured and managed separately according to their nature. Each of the Group's operating segment represents a strategic business unit that provides services which are subject to risks and returns that are different from those of the other operating segments. Summary details of the operating segments are as follows:

(a) Environmental protection and energy conservation solutions

The environmental protection and energy conservation solutions business mainly includes flue gas desulfurization and denitrification facilities concession operation for coal-fired power plants; the manufacture and sale of denitrification catalysts; engineering for coal-fired power plants, including the engineering of denitrification, desulfurization, dust removal, ash and slag handling and other environmental protection facilities and industrial site dust management related engineering; water treatment; and energy conservation including energy conservation facilities engineering and energy management contracting ("EMC").

(b) Renewable energy engineering

The renewable energy engineering business mainly includes the engineering general contracting for newly built wind power plants, biomass power plants and photovoltaic power plants.

(c) Thermal power engineering

The thermal power engineering business mainly includes the engineering procurement construction ("EPC") services for thermal power plants.

(d) Other businesses

Other businesses currently mainly include various businesses such as fiberglass chimney anti-corrosion and air cooling system engineering general contracting.

3. 經營分部資料

為方便管理，本集團經營業務按其性質分開安排和管理。本集團各經營分部代表一個策略性業務單位，提供的服務涉及的風險和回報與其他經營分部不同。經營分部的詳情概述如下：

(a) 環保節能解決方案

環保節能解決方案業務主要包括運營燃煤發電廠煙氣脫硫、脫硝設施的特許經營業務、脫硝催化劑的生產和銷售業務、燃煤發電廠的脫硝、脫硫、除塵、除灰渣等環保設施的工程業務以及工業廠區粉塵治理相關的工程業務、水務以及包括節能工程及合同能源管理(「合同能源管理」)的節能業務。

(b) 可再生能源工程

可再生能源工程業務主要包括新建風電、生物質及光伏電廠的工程總承包業務。

(c) 火電工程

火電工程業務主要包括火電廠設計、採購及施工(「EPC」)服務。

(d) 其他業務

其他業務主要包括玻璃鋼煙囪防腐、空冷系統工程總承包等業務。

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED) 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

3. OPERATING SEGMENT INFORMATION (CONTINUED) 3. 經營分部資料(續)

Management monitors the results of the Group's operating segments separately for the purpose of making decisions about resources allocation and performance assessment. Segment performance is evaluated based on reportable segment results, which is a measure of adjusted profit before tax. The adjusted profit before tax is measured consistently with the Group's profit before tax except that other income and losses, other expenses, non-lease-related finance costs as well as corporate and other unallocated expenses are excluded from such measurement.

Segment assets and liabilities mainly comprise operating assets and liabilities that are directly attributable to the segment or can be allocated to the segment on a reasonable basis.

Segment assets exclude unallocated intangible assets, unallocated deferred tax assets, unallocated prepayments, other receivables and other assets, restricted cash, cash and cash equivalents and other unallocated head office and corporate assets as these assets are managed on a group basis.

Segment liabilities exclude interest-bearing bank borrowings and other loans (other than lease liabilities) for daily operation purpose, deferred tax liability and other unallocated head office and corporate liabilities as these liabilities are managed on a group basis.

管理人員分開監察本集團各經營分部的業績，以作出資源分配和績效評估決定。分部表現按可呈報分部業績評估，其為經調整除稅前利潤。經調整除稅前利潤的計量與本集團除稅前利潤一致，但該計量不計及其他收益及損失、其他開支、與租賃無關的財務支出以及企業和其他未分配開支。

分部資產和負債主要由該分部直接應佔或可合理分配至該分部的經營資產和負債構成。

分部資產不包括未分配無形資產、未分配遞延稅項資產、未分配預付款項、其他應收款項及其他資產、受限制現金、現金和現金等價物以及其他未分配總部和企業資產，原因為該等資產是以組合形式管理。

分部負債不包括就日常經營目的而言的計息銀行借款和其他貸款(不包括租賃負債)、遞延稅項負債以及其他未分配總部和企業負債，原因為該等負債是以組合形式管理。

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

3. OPERATING SEGMENT INFORMATION 3. 經營分部資料(續)

		Environmental protection and energy conservation solutions 環保節能解決方案 RMB'000 人民幣千元	Renewable energy engineering 可再生能源工程 RMB'000 人民幣千元	Thermal power engineering 火電工程 RMB'000 人民幣千元	Other businesses 其他業務 RMB'000 人民幣千元	Total 合計 RMB'000 人民幣千元
Six months ended 30 June 2022 (unaudited)						
截至二零二二年六月三十日止六個月(未經審計)						
Segment revenue (note 4)	分部收入(附註4)					
Sales to external customers	向外部客戶銷售	2,197,083	99,793	–	21,915	2,318,791
		2,197,083	99,793	–	21,915	2,318,791
Revenue	收入					2,318,791
Segment results	分部業績	349,389	12,966	–	41	362,396
<i>Reconciliation:</i>						
<i>對賬:</i>						
Other income and losses	其他收益及損失					35,466
Other expenses, net	其他開支淨額					(4,275)
Finance costs (other than interest on lease liabilities which is included in corporate and other unallocated expenses)	財務支出(不包括計入公司和其他未分配開支的租賃負債的利息費用)					(97,029)
Corporate and other unallocated expenses	公司和其他未分配開支					(54,684)
Profit before tax	除稅前利潤					241,874
As at 30 June 2022 (unaudited)						
於二零二二年六月三十日(未經審計)						
Segment assets	分部資產	17,322,683	1,096,303	81,979	47,588	18,548,553
<i>Reconciliation:</i>						
<i>對賬:</i>						
Elimination of intersegment receivables	各分部間的應收款項抵銷					(2,178,633)
Corporate and other unallocated assets	公司和其他未分配資產					1,704,303
Total assets	總資產					18,074,223
Segment liabilities	分部負債	7,794,536	1,163,295	129,383	188,470	9,275,684
<i>Reconciliation:</i>						
<i>對賬:</i>						
Elimination of intersegment payables	各分部間的應付款項抵銷					(2,178,633)
Corporate and other unallocated liabilities	公司和其他未分配負債					4,108,576
Total liabilities	總負債					11,205,627

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月(除特別註明外,所有金額均以人民幣千元為單位)

3. OPERATING SEGMENT INFORMATION (CONTINUED)

3. 經營分部資料(續)

		Environmental protection and energy conservation solutions 環保節能解決方案 RMB'000 人民幣千元	Renewable energy engineering 可再生能源工程 RMB'000 人民幣千元	Thermal power engineering 火電工程 RMB'000 人民幣千元	Other businesses 其他業務 RMB'000 人民幣千元	Total 合計 RMB'000 人民幣千元
Six months ended 30 June 2021 (unaudited)						
截至二零二一年六月三十日止六個月(未經審計)						
Segment revenue (note 4)	分部收入(附註4)					
Sales to external customers	向外部客戶銷售	2,119,377	43,206	927	33,087	2,196,597
Intersegment sales	分部間銷售	-	-	-	354	354
		2,119,377	43,206	927	33,441	2,196,951
<i>Reconciliation:</i>	<i>對賬:</i>					
Elimination of intersegment sales	分部間銷售抵銷					(354)
Revenue	收入					2,196,597
Segment results	分部業績	187,076	366	(5)	17,317	204,754
<i>Reconciliation:</i>	<i>對賬:</i>					
Other income and losses	其他收益及損失					56,019
Finance costs (other than interest on lease liabilities which is included in corporate and other unallocated expenses)	財務支出(不包括計入公司和其他未分配開支的租賃負債的利息費用)					(105,533)
Corporate and other unallocated expenses	公司和其他未分配開支					(53,267)
Profit before tax	除稅前利潤					101,973
As at 31 December 2021 (audited)	於二零二一年十二月三十一日(經審計)					
Segment assets	分部資產	15,940,093	1,488,684	36,432	90,167	17,555,376
<i>Reconciliation:</i>	<i>對賬:</i>					
Elimination of intersegment receivables	各分部間的應收款項抵銷					(1,974,394)
Corporate and other unallocated assets	公司和其他未分配資產					2,847,404
Total assets	總資產					18,428,386
Segment liabilities	分部負債	9,662,489	1,338,619	59,941	138,630	11,199,679
<i>Reconciliation:</i>	<i>對賬:</i>					
Elimination of intersegment payables	各分部間的應付款項抵銷					(1,974,394)
Corporate and other unallocated liabilities	公司和其他未分配負債					2,447,525
Total liabilities	總負債					11,672,810

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

3. OPERATING SEGMENT INFORMATION (CONTINUED)

Geographical information

The majority of the non-current assets of the Group are located in the PRC, and the majority of revenues are generated from the PRC. Therefore, no geographical information is presented.

Information about major customers

Revenue of approximately RMB1,977 million was derived from sales of goods and the rendering of services to China Datang and its subsidiaries (excluding the Group) ("China Datang Group") (for the six months ended 30 June 2021: RMB1,934 million).

Seasonal operations

The Group's business operations are not significantly affected by any seasonal or cyclical factors.

4. REVENUE

An analysis of revenue is as follows:

		Six months ended 30 June	
		截至六月三十日止六個月	
		2022	2021
		二零二二年	二零二一年
		Unaudited	Unaudited
		未經審計	未經審計
		RMB'000	RMB'000
		人民幣千元	人民幣千元
Revenue from contracts with customers	與客戶之間合同產生的收入	2,318,791	2,196,313
Revenue from other sources	其他來源收入		
– Gross rental income	– 租賃的總收入	–	284
		2,318,791	2,196,597

地區資訊

本集團主要的非流動資產位於中國，主要的收入來自於中國，因此並無呈列地區分部資訊。

與主要客戶有關的資訊

來自中國大唐及其附屬公司(除本集團外) (「中國大唐集團」)銷售貨品和提供服務的收入約為人民幣1,977百萬元(截至二零二一年六月三十日止六個月：人民幣1,934百萬元)。

季節性運營

本集團業務運營不受任何季節性或週期性因素的重大影響。

4. 收入

收入分析如下：

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月(除特別註明外,所有金額均以人民幣千元為單位)

4. REVENUE (CONTINUED)

Disaggregated revenue information for revenue from contracts with customers:

4. 收入(續)

與客戶之間合同產生的收入資訊分解:

		Six months ended 30 June 2022 (unaudited) 截至二零二二年六月三十日止六個月(未經審計)				
Operating segments		Environmental protection and energy conservation solutions	Renewable energy engineering	Thermal power engineering	Other businesses	Total
經營分部		環保節能解決方案	可再生能源工程	火電工程	其他業務	合計
		RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
		人民幣千元	人民幣千元	人民幣千元	人民幣千元	人民幣千元
Types of goods or service	商品或服務類型					
Sale of industrial products	銷售工業產品	171,285	-	-	16,475	187,760
Construction services	建造服務	133,447	99,793	-	5,440	238,680
Desulfurization and denitrification services	脫硫脫硝服務	1,892,351	-	-	-	1,892,351
Total revenue from contracts with customers	與客戶之間合同產生的收入 總計	2,197,083	99,793	-	21,915	2,318,791
Timing of revenue recognition	收入確認時點					
Goods transferred at a point in time	在某一時點轉移的商品	171,285	-	-	16,475	187,760
Services transferred over time	在一段時間內轉移的服務	2,025,798	99,793	-	5,440	2,313,031
Total revenue from contracts with customers	與客戶之間合同產生的收入 總計	2,197,083	99,793	-	21,915	2,318,791

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

4. REVENUE (CONTINUED)

4. 收入(續)

		Six months ended 30 June 2021 (unaudited) 截至二零二一年六月三十日止六個月(未經審計)				
		Environmental protection and energy conservation solutions 環保節能解決方案	Renewable energy engineering 可再生能源工程	Thermal power engineering 火電工程	Other businesses 其他業務	Total 合計
		RMB'000 人民幣千元	RMB'000 人民幣千元	RMB'000 人民幣千元	RMB'000 人民幣千元	RMB'000 人民幣千元
Types of goods or service	商品或服務類型					
Sale of industrial products	銷售工業產品	152,204	-	-	25,783	177,987
Construction services	建造服務	195,489	43,206	927	7,020	246,642
Desulfurization and denitrification services	脫硫脫硝服務	1,771,684	-	-	-	1,771,684
Total revenue from contracts with customers	與客戶之間合同產生的收入 總計	2,119,377	43,206	927	32,803	2,196,313
Timing of revenue recognition	收入確認時點					
Goods transferred at a point in time	在某一時點轉移的商品	152,204	-	-	25,783	177,987
Services transferred over time	在一段時間內轉移的服務	1,967,173	43,206	927	7,020	2,018,326
Total revenue from contracts with customers	與客戶之間合同產生的收入 總計	2,119,377	43,206	927	32,803	2,196,313

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月(除特別註明外,所有金額均以人民幣千元為單位)

4. REVENUE (CONTINUED)

Set out below is the reconciliation of the revenue from contracts with customers to the amounts disclosed in the segment information:

4. 收入(續)

下表載列與客戶之間合同產生的收入與分部資訊所披露金額的對賬:

		Six months ended 30 June 2022 (unaudited) 截至二零二二年六月三十日止六個月(未經審計)				
Operating segments		Environmental protection and energy conservation solutions 環保節能解決方案	Renewable energy engineering 可再生能源工程	Thermal power engineering 火電工程	Other businesses 其他業務	Total 合計
經營分部		RMB'000 人民幣千元	RMB'000 人民幣千元	RMB'000 人民幣千元	RMB'000 人民幣千元	RMB'000 人民幣千元
Revenue from contracts with customers	與客戶之間合同產生的收入					
External customers	向外部客戶銷售	2,197,083	99,793	-	21,915	2,318,791
		2,197,083	99,793	-	21,915	2,318,791
Total revenue from contracts with customers	與客戶之間合同產生的收入合計	2,197,083	99,793	-	21,915	2,318,791

		Six months ended 30 June 2021 (unaudited) 截至二零二一年六月三十日止六個月(未經審計)				
Operating segments		Environmental protection and energy conservation solutions 環保節能解決方案	Renewable energy engineering 可再生能源工程	Thermal power engineering 火電工程	Other businesses 其他業務	Total 合計
經營分部		RMB'000 人民幣千元	RMB'000 人民幣千元	RMB'000 人民幣千元	RMB'000 人民幣千元	RMB'000 人民幣千元
Revenue from contracts with customers	與客戶之間合同產生的收入					
External customers	向外部客戶銷售	2,119,377	43,206	927	32,803	2,196,313
Intersegment sales	分部間銷售	-	-	-	354	354
		2,119,377	43,206	927	33,157	2,196,667
Intersegment adjustments and eliminations	分部間銷售調整和抵銷	-	-	-	(354)	(354)
Total revenue from contracts with customers	與客戶之間合同產生的收入合計	2,119,377	43,206	927	32,803	2,196,313

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

5. OTHER INCOME AND LOSSES

5. 其他收益及損失

		Six months ended 30 June 截至六月三十日止六個月	
		2022 二零二二年 Unaudited 未經審計 RMB'000 人民幣千元	2021 二零二一年 Unaudited 未經審計 RMB'000 人民幣千元
Other income	其他收益		
Interest income	利息收入	4,760	4,910
Government grants	政府補助	24,866	52,830
Exchange gains	匯兌收益	5,999	–
		35,625	57,740
Other losses, net	其他損失, 淨額		
Loss on disposal of items of property, plant and equipment	處置物業、廠房和設備項目的損失	(159)	–
Exchange losses	匯兌損失	–	(1,721)
		(159)	(1,721)
		35,466	56,019

6. OTHER EXPENSES, NET

6. 其他開支淨額

		Six months ended 30 June 截至六月三十日止六個月	
		2022 二零二二年 Unaudited 未經審計 RMB'000 人民幣千元	2021 二零二一年 Unaudited 未經審計 RMB'000 人民幣千元
Exchange differences arising from provision for pending litigation losses	未決訴訟損失撥備產生的匯兌差額	4,275	–

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED) 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

7. FINANCE COSTS

An analysis of finance costs is as follows:

		Six months ended 30 June 截至六月三十日止六個月	
		2022 二零二二年 Unaudited 未經審計 RMB'000 人民幣千元	2021 二零二一年 Unaudited 未經審計 RMB'000 人民幣千元
Interest on lease liabilities	租賃負債的利息費用	6,061	6,427
Interest expenses on bank borrowings and other loans	銀行借款和其他貸款利息支出	97,029	108,846
Less: interest capitalised	減: 資本化利息	-	(3,313)
		103,090	111,960

7. 財務支出

財務支出分析如下:

8. INCOME TAX EXPENSE

The Group calculates the period income tax expense using the tax rate that would be applicable to the expected total annual earnings. The major components of income tax expense in the statement of profit or loss are as follows:

		Six months ended 30 June 截至六月三十日止六個月	
		2022 二零二二年 Unaudited 未經審計 RMB'000 人民幣千元	2021 二零二一年 Unaudited 未經審計 RMB'000 人民幣千元
Current income tax	即期所得稅	41,600	36,268
Deferred income tax	遞延所得稅	364	(720)
		41,964	35,548

8. 所得稅開支

本集團以適用於預期年度盈利總額的稅率計算該期間的所得稅開支。損益表所得稅開支主要組成部分如下:



NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED) 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

9. DIVIDENDS

On 31 March 2022, the board of Directors of the Company (the “Board”) proposed to distribute the final dividend for the year ended 31 December 2021 of RMB0.0298 per share (before tax) amounted to RMB88,433,000 in cash to the shareholders, which was approved by the shareholders of the Company at the 2021 annual general meeting on 30 June 2022. As at 30 June 2022, the final dividend has not been paid to the shareholders of the Company.

The Board did not recommend any interim dividend for the six months ended 30 June 2022.

On 26 March 2021, the Board proposed to distribute the final dividend for the year ended 31 December 2020 of RMB0.0446 per share (before tax) amounted to RMB132,352,000 in cash to the shareholders, which was approved by the shareholders of the Company at the 2020 annual general meeting on 30 June 2021. As at 30 June 2021, the final dividend had not been paid to the shareholders of the Company.

The Board did not recommend any interim dividend for the six months ended 30 June 2021.

9. 股息

於二零二二年三月三十一日，本公司董事會(「董事會」)建議派發截至二零二一年十二月三十一日止年度的末期股息，以現金向股東每股股份派發人民幣0.0298元(稅前)，總額為人民幣88,433,000元。該建議已經本公司股東於二零二二年六月三十日召開的二零二一年度股東週年大會上批准。於二零二二年六月三十日，該末期股息尚未支付至本公司股東。

董事會未建議分派截至二零二二年六月三十日止六個月的中期股息。

於二零二一年三月二十六日，董事會建議派發截至二零二零年十二月三十一日止年度的末期股息，以現金向股東每股股份派發人民幣0.0446元(稅前)，總額為人民幣132,352,000元。該建議已經本公司股東於二零二一年六月三十日召開的二零二零年度股東週年大會上批准。於二零二一年六月三十日，該末期股息尚未支付至本公司股東。

董事會未建議分派截至二零二一年六月三十日止六個月的中期股息。

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED) 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

10. EARNINGS PER SHARE ATTRIBUTABLE TO ORDINARY EQUITY HOLDERS OF THE PARENT

The calculation of the basic earnings per share amounts is based on the profit attributable to ordinary equity holders of the parent, and the weighted average number of ordinary shares in issue for the six months ended 30 June 2022 and 2021, respectively.

The Company did not have any potential dilutive shares in issue during the six months ended 30 June 2022 and 2021. Accordingly, the diluted earnings per share amounts are the same as the basic earnings per share amounts.

The calculations of basic and diluted earnings per share are based on:

10. 母公司普通股持有人應佔每股盈利

截至二零二二年及二零二一年六月三十日止六個月，每股基本盈利金額乃基於母公司普通股持有人應佔利潤除以當期已發行的普通股加權平均數計算。

截至二零二二年及二零二一年六月三十日止六個月，本公司並無任何潛在攤薄股份，故每股攤薄盈利金額與每股基本盈利金額相同。

每股基本和攤薄盈利是根據下列各項計算：

	Six months ended 30 June	
	2022	2021
Earnings	二零二二年	二零二一年
盈利	Unaudited	Unaudited
	未經審計	未經審計
	RMB'000	RMB'000
	人民幣千元	人民幣千元
Profit attributable to ordinary equity holders of the parent, used in the basic/diluted earnings per share calculations (RMB)	197,038,000	86,645,000
Shares		
Weighted average number of ordinary shares in issue during the period, used in the basic/diluted earnings per share calculations (share)	2,967,542,000	2,967,542,000
Earnings per share		
Basic/diluted earnings per share (RMB)	0.07	0.03

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

11. PROPERTY, PLANT AND EQUIPMENT

Acquisitions and disposals

During the six months ended 30 June 2022, the Group acquired items of property, plant and equipment with a cost of RMB44,047,000 (for the six months ended 30 June 2021: RMB35,861,000).

Items of property, plant and equipment with a book value of RMB199,000 were disposed of by the Group during the six months ended 30 June 2022, resulting in a loss of RMB159,000, which is included in "other income and losses" in the interim condensed consolidated statement of profit or loss and other comprehensive income (for the six months ended 30 June 2021: nil).

11. 物業、廠房和設備

購買及處置

截至二零二二年六月三十日止六個月，本集團以成本人民幣44,047,000元購買物業、廠房和設備項目(截至二零二一年六月三十日止六個月：人民幣35,861,000元)。

截至二零二二年六月三十日止六個月，本集團處置物業、廠房和設備項目人民幣199,000元，產生處置損失人民幣159,000元(截至二零二一年六月三十日止六個月：零)，並已載列於中期簡明合併損益及其他綜合收益表的「其他收益及損失」中。

12. TRADE, BILLS RECEIVABLES AND CONTRACT ASSETS

12. 貿易應收款項、應收票據和合同資產

		30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元
Trade receivables	貿易應收款項	8,258,136	7,838,390
Less: provision for impairment	減：減值撥備	(297,766)	(292,965)
		7,960,370	7,545,425
Bills receivable	應收票據	455,115	624,508
Contract assets arising from:	下列各項產生的合同資產：		
Construction services	建造服務	267,460	240,005
Sale of industrial products	銷售工業產品	44,305	27,186
		311,765	267,191
Less: provision for impairment	減：減值撥備	(3,426)	(3,426)
		308,339	263,765
		8,723,824	8,433,698

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED) 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

12. TRADE, BILLS RECEIVABLES AND CONTRACT ASSETS (CONTINUED)

The Group's trading terms with its customers are mainly on credit, except for new customers, where payment in advance is normally required. The credit period is generally within one year. The Group seeks to maintain strict control over the outstanding receivables to minimise credit risk. Overdue balances are reviewed regularly by senior management. Trade receivables are non-interest-bearing.

An ageing analysis of the trade and bills receivables of the Group, based on the invoice date, at the end of the reporting period is as follows:

		30 June 2022	31 December 2021
		二零二二年 六月三十日	二零二一年 十二月三十一日
		Unaudited	Audited
		未經審計	經審計
		RMB'000	RMB'000
		人民幣千元	人民幣千元
Within 1 year	一年內	4,896,517	4,630,198
Between 1 and 2 years	一至兩年	1,290,164	1,260,312
Between 2 and 3 years	兩至三年	543,429	435,405
Over 3 years	超過三年	1,983,141	2,136,983
		8,713,251	8,462,898
Less: provision for impairment	減：減值撥備	(297,766)	(292,965)
		8,415,485	8,169,933

Contract assets are initially recognised for revenue earned from construction services as the receipt of consideration is conditional on successful completion of construction. Upon completion of construction and acceptance by the customer, the amounts recognised as contract assets are reclassified to trade receivables.

12. 貿易應收款項、應收票據和合同資產(續)

除新客戶需支出預付款外，本集團與客戶的貿易條款主要是信用條款。信用期間一般為一年以內。本集團對於未收回的應收款項採取嚴格的控制以盡量減低信用風險，逾期未收款項由高級管理層定期覆核。貿易應收款不計息。

於各報告期末，本集團的貿易應收賬款和應收票據按發票日期的賬齡分析如下：

合同資產的確認源自於建造服務產生的收入，確認條件是工程施工完畢。在施工完成並經客戶驗收後，確認合同資產的金額將重新分類為貿易應收款項。

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)
 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
 截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

13. PREPAYMENTS, OTHER RECEIVABLES AND OTHER ASSETS **13. 預付款項、其他應收款項及其他資產**

		30 June	31 December
		2022	2021
		二零二二年	二零二一年
		六月三十日	十二月三十一日
		Unaudited	Audited
		未經審計	經審計
		RMB'000	RMB'000
		人民幣千元	人民幣千元
Prepayments	預付款項	106,439	100,769
Deposits	保證金	47,044	52,441
Other receivables	其他應收款項	179,321	151,828
Other current assets	其他流動資產	255,833	288,828
		588,637	593,866
Less: provision for impairment	減: 減值撥備	(28,260)	(28,260)
		560,377	565,606

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED) 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

14. CASH AND CASH EQUIVALENTS AND RESTRICTED CASH 14. 現金和現金等價物及受限制現金

		30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元
Cash and bank balances	現金和銀行結餘	1,062,629	1,366,486
Less: restricted cash (Note)	減: 受限制現金(附註)	(90,343)	(121,604)
Cash and cash equivalents	現金和現金等價物	972,286	1,244,882
Cash and bank balances denominated in:	現金和銀行結餘以下列 貨幣計值:		
– RMB	– 人民幣	1,053,856	1,358,014
– US dollars	– 美元	883	842
– Hong Kong dollars	– 港元	6,565	6,283
– Indian rupees	– 印度盧比	1,325	1,347
		1,062,629	1,366,486

Note: Restricted cash mainly represented deposits held for issued bills payable and performance obligations for engineering services, property maintenance and frozen deposits for construction contract disputes.

附註: 受限制現金主要指持有有關工程服務、物業維修等發行的應付票據及履約保函的押金和與建造合同糾紛有關的銀行凍結款項。

15. TRADE AND BILLS PAYABLES

Trade and bills payables are non-interest-bearing and are normally settled within one year.

15. 貿易應付款項和應付票據

貿易應付款項和應付票據不計息並通常於一年內結算。

		30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元
Bills payable	應付票據	78,044	115,091
Trade payables	貿易應付款項	4,419,862	4,463,973
		4,497,906	4,579,064

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

15. TRADE AND BILLS PAYABLES (CONTINUED) 15. 貿易應付款項和應付票據(續)

An ageing analysis of trade and bills payables as at the end of the reporting periods, based on the invoice date, is as follows:

於各報告期末, 基於發票日期確定的貿易應付款項和應付票據的賬齡分析如下:

		30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元
Within 1 year	一年內	2,084,363	2,329,536
1 year to 2 years	一至兩年	666,071	579,393
2 years to 3 years	兩至三年	521,602	354,407
More than 3 years	超過三年	1,225,870	1,315,728
		4,497,906	4,579,064

16. PROVISIONS

16. 撥備

		Warranties 保證 RMB'000 人民幣千元	Other losses 其他損失 RMB'000 人民幣千元	Total 合計 RMB'000 人民幣千元
At 1 January 2021 (Audited)	於二零二一年一月一日 (經審計)	2,820	4,500	7,320
Additional provision	增加撥備	-	123,151	123,151
Amounts utilised during the year	年內動用的款項	(1,560)	(4,500)	(6,060)
At 31 December 2021 (Audited)	於二零二一年十二月三十一日 (經審計)	1,260	123,151	124,411
Amounts utilised during the period	期內動用的款項	(177)	(75,848)	(76,025)
At 30 June 2022 (Unaudited)	於二零二二年六月三十日 (未經審計)	1,083	47,303	48,386
Provision reclassified as current liabilities	重新分類至流動負債的撥備	(780)	(47,303)	(48,083)
Non-current provision	長期撥備	303	-	303

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

17. INTEREST-BEARING BANK BORROWINGS AND OTHER LOANS

17. 計息銀行借款和其他貸款

		Effective interest rate	Maturity	30 June 2022	31 December 2021
		實際利率	到期日	二零二二年六月三十日	二零二一年十二月三十一日
				Unaudited	Audited
				未經審計	經審計
				RMB'000	RMB'000
				人民幣千元	人民幣千元
Current	即期				
Bank borrowings	銀行借款				
- unsecured	- 無抵押	2.80%-3.70%	2022-2023	2,616,495	2,676,495
Other loans	其他貸款				
- unsecured	- 無抵押	3.90%-4.50%	2022-2023	71,270	78,080
- short-term bonds (Note a)	- 短期融資券(附註a)	2.20%	2022	500,000	500,000
				3,187,765	3,254,575
Current portion of long-term bank borrowings and other loans	長期銀行借款和其他貸款的即期部分				
Bank borrowings - unsecured	銀行借款 - 無抵押	3.75%-4.31%	2022-2023	873,080	404,574
Bank borrowings - guaranteed (Note b)	銀行借款 - 有擔保(附註b)	4.30%	2023	9,000	9,000
Other loans - unsecured	其他貸款 - 無抵押	5.15%	2023	5,800	86,550
Other loans - lease liabilities	其他貸款 - 租賃負債	4.41%	2023	35,106	35,106
				922,986	535,230
				4,110,751	3,789,805
Non-current	非即期				
Long term bank borrowings and other loans:	長期銀行借款及其他貸款:				
Bank borrowings - unsecured	銀行借款 - 無抵押	3.75%-4.31%	2023-2027	673,755	1,275,587
Bank borrowings - guaranteed (Note b)	銀行借款 - 有擔保(附註b)	4.30%	2026	1,000	5,500
Other loans - unsecured	其他貸款 - 無抵押	5.15%	2023	6,000	8,900
Other loans - bonds	其他貸款 - 債券	3.65%	2024	600,000	600,000
Other loans - lease liabilities	其他貸款 - 租賃負債	4.41%	2023-2038	279,147	272,994
				1,559,902	2,162,981
				5,670,653	5,952,786
Interest-bearing bank borrowings and other loans denominated in:	計息銀行借款和其他貸款以下列貨幣計值:				
- RMB	- 人民幣			5,670,653	5,952,786

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

17. INTEREST-BEARING BANK BORROWINGS AND OTHER LOANS (CONTINUED)

Note a:

On 20 January 2022 and 30 March 2022, the Company issued two tranches of super short-term bonds with a par value of RMB100 amounting to RMB500 million each. The bonds had an annual effective interest rate of 2.40% and 2.20% respectively. The first tranche of short-term-bond was already matured and returned in April 2022, and the second tranche of short-term bond was matured and returned in July 2022.

Note b:

The above secured bank borrowings were guaranteed by the Company for certain subsidiaries.

The maturity profile of the interest-bearing bank borrowings and other loans at the end of the reporting periods is as follows:

17. 計息銀行借款和其他貸款 (續)

附註a:

本公司分別於二零二二年一月二十日和二零二二年三月三十日發行兩期每期各人民幣500,000,000元的超短期融資券，票面金額均為人民幣100元。該等融資券的實際年利率分別為2.40%及2.20%。第一期短期融資券已經於二零二二年四月到期並歸還，第二期短期融資券已經於二零二二年七月到期並歸還。

附註b:

上述有抵押銀行借款由本公司為若干附屬公司提供擔保。

計息銀行借款和其他貸款於各報告期末的到期情況如下:

		30 June 2022	31 December 2021
		二零二二年 六月三十日	二零二一年 十二月三十一日
		Unaudited	Audited
		未經審計	經審計
		RMB'000	RMB'000
		人民幣千元	人民幣千元
Analysed into:	分析如下:		
Bank borrowings repayable:	應付銀行借款:		
Within one year	一年內	3,498,575	3,090,069
In the second year	第二年	386,108	781,294
In the third to fifth years, inclusive	第三至第五年 (包括首尾兩年)	288,647	494,711
Beyond five years	五年後	-	5,082
		4,173,330	4,371,156
Other loans repayable:	應付其他貸款:		
Within one year	一年內	612,176	699,736
In the second year	第二年	40,477	38,993
In the third to fifth years, inclusive	第三至五年 (包括首尾兩年)	703,432	682,836
Beyond five years	五年後	141,238	160,065
		1,497,323	1,581,630
Total	合計	5,670,653	5,952,786

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED) 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

18. CAPITAL COMMITMENTS

- (a) The Group had the following capital commitments of property, plant and equipment at the end of the reporting period:

		30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元
Contracted, but not provided for	已訂約但尚未撥備		
Buildings	建築物	-	827
Plant and equipment	廠房及設備	77,556	155,018
Equity investment (Note)	權益投資(附註)	15,048	15,048
		92,604	170,893

Note: On 30 December 2021, the Company has entered into the joint venture agreement with Datang Henan Power Generation Co., Ltd (大唐河南發電有限公司), a wholly-owned subsidiary of China Datang, in relation to the proposed formation of the joint venture company with a registered capital of RMB30,096,000. Pursuant to the joint venture agreement, the Company shall make a capital contribution of RMB15,048,000, representing 50% equity interest in the joint venture company. The capital contribution has not been paid as at 30 June 2022.

18. 資本承擔

- (a) 本集團於各報告期末擁有如下物業、廠房及設備資本承擔：

附註：於二零二一年十二月三十日，本公司與中國大唐之全資附屬公司大唐河南發電有限公司就建議成立合資公司訂立合資協議，合資公司的註冊資本為人民幣30,096,000元。根據合資協議，本公司出資人民幣15,048,000元，佔合資公司的50%的股權。截至二零二二年六月三十日，該出資額尚未支付。

19. RELATED PARTY TRANSACTIONS

The Group is part of China Datang and had significant transactions with China Datang Group.

In addition to the related party transactions disclosed elsewhere in the financial information, the following is a summary of the significant related party transactions entered into the ordinary course of business between the Group and its related parties during the six months ended 30 June 2022 and 2021. All transactions with related parties were conducted at prices and terms mutually agreed by the parties involved.

19. 關聯方交易

本集團為中國大唐的成員公司，並與中國大唐集團擁有重大的交易。

除在財務信息其他部分披露的關聯方交易外，下文概述由本集團及其關聯方在截至二零二二年及二零二一年六月三十日止六個月的日常業務過程中的重大關聯方交易。所有關聯方交易經涉及各方按互相同意的價格和條款進行。

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

19. RELATED PARTY TRANSACTIONS 19. 關聯方交易(續)

(CONTINUED)

(a) Significant related party transactions

(a) 重大關聯方交易

		Six months ended 30 June	
		截至六月三十日止六個月	
		2022	2021
		二零二二年	二零二一年
		Unaudited	Unaudited
		未經審計	未經審計
		RMB'000	RMB'000
		人民幣千元	人民幣千元
Sales of goods and rendering of services to China Datang Group	向中國大唐集團銷售貨物及提供服務		
Environmental protection and energy conservation solutions	環保節能解決方案	1,876,735	1,894,199
Renewable energy engineering	可再生能源工程	99,793	39,419
		1,976,528	1,933,618
Sales of goods and rendering of services to the associates and joint ventures of China Datang Group	向中國大唐集團聯營公司及合營企業銷售貨物及提供服務		
Environmental protection and energy conservation solutions	環保節能解決方案	125,565	12,954
Purchases of goods and receiving of services from China Datang Group	自中國大唐集團購買貨物及接受服務		
Water supply and electricity supply	供水及供電	472,977	400,109
Ancillary services under the concession operations	特許經營業務項下的輔助服務	172,773	108,956
Logistics services	後勤服務	—	14,256
Wind power electricity and other products	風能電力及其他產品	—	67,901
		645,750	591,222
Purchases of goods and receiving of services from the associates and joint ventures of China Datang Group	自中國大唐集團聯營公司及合營企業購買貨物及接受服務		
Water supply and electricity supply	供水及供電	34,773	14,560

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

19. RELATED PARTY TRANSACTIONS 19. 關聯方交易(續)

(CONTINUED)

(a) Significant related party transactions (Continued)

(a) 重大關聯方交易(續)

		Six months ended 30 June	
		截至六月三十日止六個月	
		2022	2021
		二零二二年	二零二一年
		Unaudited	Unaudited
		未經審計	未經審計
		RMB'000	RMB'000
		人民幣千元	人民幣千元
Interest expense on loans from subsidiaries of China Datang Group	向中國大唐集團附屬公司借款的利息支出		
China Datang Finance Co., Ltd. ("Datang Finance")	中國大唐財務有限公司 (「大唐財務」)	5,197	526
Datang Financial Lease Co., Ltd. ("Datang Financial Lease")	大唐融資租賃有限公司 (「大唐融資租賃」)	844	10,366
Datang Commercial Factoring Co., Ltd. ("Datang Commercial Factoring")	大唐商業保理有限公司 (「大唐商業保理」)	726	1,584
		6,767	12,476
Interest income from deposits from a subsidiary of China Datang Group	向中國大唐集團附屬公司存款取得的利息收入		
Datang Finance	大唐財務	2,855	3,073

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

19. RELATED PARTY TRANSACTIONS 19. 關聯方交易(續)

(b) Outstanding balances with related parties (b) 關聯方未償還結餘

The outstanding balances with related parties at 30 June 2022 and 31 December 2021 are as follows:

於二零二二年六月三十日及二零二一年十二月三十一日, 關聯方未償還結餘如下:

		30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元
Cash and cash equivalents	現金和現金等價物		
Datang Finance	大唐財務	840,403	1,115,765
Trade, bills receivables and contract assets	貿易應收款項、應收票據和合同資產		
Trade and bills receivables	貿易應收款項和應收票據		
China Datang Group	中國大唐集團	6,457,992	6,632,222
The associates and joint ventures of China Datang Group	中國大唐集團聯營公司及合營企業	892,647	547,274
		7,350,639	7,179,496
Contract assets	合同資產		
China Datang Group	中國大唐集團	78,616	173,777
The associates and joint ventures of China Datang Group	中國大唐集團聯營公司及合營企業	16,581	21,397
		95,197	195,174
		7,445,836	7,374,670

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月(除特別註明外,所有金額均以人民幣千元為單位)

19. RELATED PARTY TRANSACTIONS 19. 關聯方交易(續)

(b) Outstanding balances with related parties (Continued)

		30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元
Prepayments, other receivables and other assets	預付款項、其他應收款項及其他資產		
Prepayments	預付款項		
China Datang Group	中國大唐集團	133,759	17,356
Other receivables	其他應收款項		
China Datang Group	中國大唐集團	50,770	51,116
The associates and joint ventures of China Datang Group	中國大唐集團聯營公司及合營企業	842	866
		51,612	51,982
		185,371	69,338
Other non-current assets	其他非流動資產		
China Datang Group	中國大唐集團	33,983	33,545
Interest-bearing bank borrowings and other loans (other than lease liabilities)	計息銀行借款和其他貸款(除租賃負債外)		
Datang Finance	大唐財務	11,800	22,780
Datang Financial Lease	大唐融資租賃	-	80,750
Datang Commercial Factoring	大唐商業保理	-	70,000
		11,800	173,530

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)
 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
 截至二零二二年六月三十日止六個月 (除特別註明外, 所有金額均以人民幣千元為單位)

19. RELATED PARTY TRANSACTIONS 19. 關聯方交易(續)
 (CONTINUED)

(b) Outstanding balances with related parties
 (Continued)

(b) 關聯方未償還結餘(續)

		30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元
Trade and bills payables	貿易應付款項和應付票據		
China Datang Group	中國大唐集團	1,323,736	1,283,103
The associates and joint ventures of China Datang Group	中國大唐集團聯營公司及 合營企業	101,476	28,449
		1,425,212	1,311,552
Other payables and accruals	其他應付款項和應計費用		
China Datang Group	中國大唐集團	8,883	115,070
The associates and joint ventures of China Datang Group	中國大唐集團聯營公司及 合營企業	162	10,354
		9,045	125,424

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月(除特別註明外,所有金額均以人民幣千元為單位)

19. RELATED PARTY TRANSACTIONS (CONTINUED)

19. 關聯方交易(續)

(c) Transactions with other government-related entities in the PRC

The Group operates in an economic regime currently dominated by entities directly or indirectly controlled, jointly controlled or significantly influenced by the PRC government and numerous government authorities and agencies (collectively referred to as “**government-related entities**”). China Datang, the parent and ultimate holding company of the Company, is a PRC state-owned enterprise and these government-related entities are also considered as related parties of the Group in this respect.

Apart from transactions with China Datang Group mentioned above, the Group also conducts some business activities with other government-related entities in the ordinary course of business. These transactions are carried out on terms similar to those that would be entered into with non-government-related entities.

The Group prices its services and products based on the commercial negotiations. The Group has also established its approval process for sales of goods, provision of services, purchase of products and receiving of services and its financing policy for borrowings. Such approval process and financing policy do not depend on whether the counterparties are government-related entities or not.

Having considered the possibility for transactions to be impacted by related party relationships, the Group’s approval processes and financing policy, and what information would be necessary for an understanding of the potential effect of the relationship on the financial information, the Directors are of the opinion that further information about the following transactions is required for disclosure:

– **Deposits and borrowings**

Except for the cash and cash equivalents deposited in Datang Finance and Wing Lung Bank in Hong Kong, the Group deposits most of its cash in government-related financial institutions, and also obtains short-term and long-term loans from these financial institutions in the ordinary course of business. The interest rates of the bank deposits and loans are regulated by the People’s Bank of China.

(c) 與中國其他政府相關實體的交易

本集團現時在以中國政府和眾多政府機關和機構直接或間接控制、共同控制或對其有重大影響的實體(統稱為「**政府相關實體**」)為主的經濟體制中運營。本公司的母公司和最終控股公司中國大唐是中國國有企業,就此而言,政府相關實體亦被視作本集團的關聯方。

除上文提及的與中國大唐集團的交易外,本集團於日常業務過程中與其他政府相關實體也進行一些業務活動。該等交易按與非政府相關實體所訂立交易的條款相似的條款進行。

本集團基於商業協商對其服務和產品定價。本集團亦已確立有關銷售貨物、提供服務、購買產品和服務的審批程序以及借款的融資政策。該審批程序和融資政策概不基於交易雙方是否為政府相關實體。

經考慮關聯方關係、本集團的審批程序和融資政策擬對交易造成的潛在影響,以及理解該關係對合併財務報表造成的潛在影響的必要性,董事認為須披露有關下列交易的進一步資料:

– **存款和借款**

除存入大唐財務及香港永隆銀行的現金及現金等價物外,本集團將其大部分現金存入政府相關金融機構,並且於日常業務中從該金融機構獲得短期和長期貸款。銀行存款和貸款利率受中國人民銀行規管。

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

19. RELATED PARTY TRANSACTIONS 19. 關聯方交易(續)

(d) Compensation of key management personnel of the Group (d) 本集團主要管理人員的薪酬

		Six months ended 30 June	
		截至六月三十日止六個月	
		2022	2021
		二零二二年	二零二一年
		Unaudited	Unaudited
		未經審計	未經審計
		RMB'000	RMB'000
		人民幣千元	人民幣千元
Short term employee benefits	短期僱員福利	2,298	3,858
Post-employment benefits	離職後福利	—	229
Total compensation paid to key management personnel	支付予主要管理人員的薪酬總額	2,298	4,087

(e) Property leases

As a lessee, the Group leases buildings for desulfurization and denitrification facilities from Datang Financial Lease and some power plants from the China Datang Group, with a general lease term of 20 years. The related party's right-of-use assets and lease liabilities recorded in the interim condensed consolidated statement of financial position, payment of lease liabilities and the related interest expenses recognised during the period are as follows:

(e) 物業租賃

作為承租人，本集團向大唐融資租賃及中國大唐集團下屬發電廠租賃放置脫硫脫硝設備的樓宇，租賃期限通常為20年。中期簡明合併財務狀況表中的關聯方使用權資產和租賃負債，上述期間內償付的租賃負債和相關利息費用如下：

		30 June	31 December
		2022	2021
		二零二二年	二零二一年
		六月三十日	十二月三十一日
		Unaudited	Audited
		未經審計	經審計
		RMB'000	RMB'000
		人民幣千元	人民幣千元
Right-of-use assets	使用權資產	275,579	289,940
Lease liabilities	租賃負債	304,281	304,180

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED) 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月(除特別註明外,所有金額均以人民幣千元為單位)

19. RELATED PARTY TRANSACTIONS 19. 關聯方交易(續) (CONTINUED)

(e) Property leases (Continued)

(e) 物業租賃(續)

		Six months ended 30 June 截至六月三十日止六個月	
		2022 二零二二年 Unaudited 未經審計 RMB'000 人民幣千元	2021 二零二一年 Unaudited 未經審計 RMB'000 人民幣千元
Depreciation charge	折舊撥備	12,013	11,912
Interest expense	利息費用	5,539	6,398
Payments	付款	-	3,060

20. FAIR VALUE AND FAIR VALUE HIERARCHY OF FINANCIAL INSTRUMENTS

20. 金融工具公允價值和公允價值等級

Fair value

公允價值

The carrying amounts and fair values of the Group's financial instruments are as follows:

本集團的金融工具賬面值和公允價值列示如下：

	Carrying amounts 賬面值		Fair values 公允價值	
	30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元	30 June 2022 二零二二年 六月三十日 Unaudited 未經審計 RMB'000 人民幣千元	31 December 2021 二零二一年 十二月三十一日 Audited 經審計 RMB'000 人民幣千元
Financial liabilities	金融負債			
Long term interest-bearing bank borrowings and other loans (other than lease liabilities) (note 17)	長期計息銀行借款和其他貸款(不包括租賃負債)(附註17)			
	1,280,755	1,889,987	1,266,668	1,879,888

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

20. FAIR VALUE AND FAIR VALUE HIERARCHY OF FINANCIAL INSTRUMENTS (CONTINUED)

Fair value (Continued)

Management has assessed that the fair values of cash and cash equivalents, restricted cash, trade and bills receivables, financial assets included in prepayments, other receivables and other assets, trade and bills payables, financial liabilities included in other payables and accruals, and the current portion of interest-bearing bank borrowings and other loans, approximate to their carrying amounts largely due to the short term maturities of these instruments.

The Group's corporate finance team headed by the finance manager is responsible for determining the policies and procedures for the fair value disclosure of financial instruments. The corporate finance team reports directly to management. As at 30 June 2022 and 31 December 2021, the corporate finance team analysed the movements in the values of financial instruments and determined the major inputs applied in the valuation. The valuation was reviewed and approved by management.

The fair values of the financial assets and liabilities are included at the amount at which the instrument could be exchanged in a current transaction between willing parties, other than in a forced or liquidation sale. The following methods and assumptions were used to estimate the fair values:

- The fair values of the non-current portion of long term interest-bearing bank borrowings and other loans (other than lease liabilities) have been calculated by discounting the expected future cash flows using rates currently available for instruments with similar terms, credit risk and remaining maturities. The changes in fair values as a result of the Group's own non-performance risks for interest-bearing bank borrowings and other loans as at 30 June 2022 and 31 December 2021 were assessed to be insignificant.
- The fair values of the bills receivable which are measured at fair value through other comprehensive income have been calculated by discounting the expected future cash flows using the one-year bank loan interest rate published by the People's Bank of China.

20. 金融工具公允價值和公允價值等級(續)

公允價值(續)

管理層已評估，現金和現金等價物、受限制現金、貿易應收款項和應收票據、計入預付款項、其他應收款項和其他資產的金融資產、貿易應付款項和應付票據、計入其他應付款項和應計費用的金融負債、計息銀行借款和其他貸款的流動部分的公允價值均與其賬面值相若，主要是由於該等工具於短期內到期。

由財務經理領導的本集團公司財務團隊負責制定金融工具公允價值披露的政策和程序。公司財務團隊直接向管理層報告。於二零二二年六月三十日及二零二一年十二月三十一日，公司財務團隊分析了金融工具的價值變動，並確定了在估值中應用的主要投入。管理層對評估進行了審查和批准。

金融資產和負債的公允價值按自願方於一項現行交易(強迫或清盤出售除外)中交換有關工具的金額列值。以下為估計公允價值所用的方法和假設：

- 長期計息銀行借款和其他貸款的非即期部分(除租賃負債外)的公允價值乃將預期未來現金流量按具備相若條款、信用風險和剩餘有效期的工具目前適用的折現率貼現而計算。於二零二二年六月三十日及二零二一年十二月三十一日，本集團本身計息銀行借款和其他貸款的不履行風險而導致的公允價值變動被評定為並不重大。
- 以公允價值計量且其變動計入其他綜合收益的應收票據的公允價值，是按照中國人民銀行公佈的一年期銀行貸款利率對預計未來現金流折現計算。

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED) 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)

截至二零二二年六月三十日止六個月(除特別註明外,所有金額均以人民幣千元為單位)

20. FAIR VALUE AND FAIR VALUE HIERARCHY OF FINANCIAL INSTRUMENTS (CONTINUED)

Fair value hierarchy

The following tables illustrate the fair value measurement hierarchy of the Group's financial instruments:

Assets measured at fair value

		Fair value measurement using			Total
		Quoted prices in active markets (Level 1)	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)	
		採用以下公允價值等級計量			
		活躍市場的報價 (第一級)	重要可觀察輸入資料 (第二級)	重要不可觀察輸入資料 (第三級)	合計
		RMB'000	RMB'000	RMB'000	RMB'000
		人民幣千元	人民幣千元	人民幣千元	人民幣千元
As at 30 June 2022 (unaudited)	於二零二二年六月三十日(未經審計)				
Equity investments designated at fair value through other comprehensive income	指定為以公允價值計量且其變動計入其他綜合收益的權益投資				
Trade and bills receivables	貿易應收款項和應收票據	-	92,799	-	92,799
As at 31 December 2021 (audited)	於二零二一年十二月三十一日(經審計)				
Equity investments designated at fair value through other comprehensive income	指定為以公允價值計量且其變動計入其他綜合收益的權益投資	-	26,389	-	26,389*
Trade and bills receivables	貿易應收款項和應收票據	-	180,493	-	180,493

* In January 2022, the Group and China Datang Group Overseas Investment Co., Ltd. ("Datang Overseas Investment") entered into the equity transfer agreement, pursuant to which, the Group has agreed to transfer, and Datang Overseas Investment has agreed to acquire the 10% equity interest in China Datang Overseas Power Operating Co., Ltd. held by the Group with the amount of RMB26,389,000, and the fair value of the unlisted equity investments designated at fair value through other comprehensive income as at 31 December 2021 was measured based on the contract price.

20. 金融工具公允價值和公允價值等級(續)

公允價值等級

下表闡明本集團金融工具公允價值計量等級：

以公允價值計量的資產

		Fair value measurement using			Total
		Quoted prices in active markets (Level 1)	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)	
		採用以下公允價值等級計量			
		活躍市場的報價 (第一級)	重要可觀察輸入資料 (第二級)	重要不可觀察輸入資料 (第三級)	合計
		RMB'000	RMB'000	RMB'000	RMB'000
		人民幣千元	人民幣千元	人民幣千元	人民幣千元
As at 30 June 2022 (unaudited)	於二零二二年六月三十日(未經審計)				
Equity investments designated at fair value through other comprehensive income	指定為以公允價值計量且其變動計入其他綜合收益的權益投資				
Trade and bills receivables	貿易應收款項和應收票據	-	92,799	-	92,799
As at 31 December 2021 (audited)	於二零二一年十二月三十一日(經審計)				
Equity investments designated at fair value through other comprehensive income	指定為以公允價值計量且其變動計入其他綜合收益的權益投資	-	26,389	-	26,389*
Trade and bills receivables	貿易應收款項和應收票據	-	180,493	-	180,493

* 於二零二二年一月,本集團與中國大唐集團海外投資有限公司(「大唐海投」)訂立股權轉讓協議,據此,本集團同意轉讓而大唐海投同意收購本集團持有的中國大唐集團海外電力運營有限公司10%之股權,金額為人民幣26,389,000元。於二零二一年十二月三十一日,指定為以公允價值計量且其變動計入其他綜合收益的非上市權益投資基於合約價格計量。

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

20. FAIR VALUE AND FAIR VALUE HIERARCHY OF FINANCIAL INSTRUMENTS (CONTINUED)

Fair value hierarchy (Continued)

Assets measured at fair value (Continued)

The movements of financial instruments in fair value measurements within Level 3 during the period are as follows:

		2022 二零二二年 Unaudited 未經審計 RMB'000 人民幣千元	2021 二零二一年 Unaudited 未經審計 RMB'000 人民幣千元
Equity investments at fair value through other comprehensive income – unlisted	以公允價值計量且變動計入其他綜合收益的權益投資 – 非上市		
At 1 January	於一月一日	26,389	28,914
Total losses recognised in other comprehensive income	於其他綜合收益中確認的損失總額	–	(4,748)
Disposal	出售	(26,389)	–
At 30 June	於六月三十日	–	24,166

Liabilities measured at fair value

The Group did not have any liabilities measured at fair value as at 30 June 2022 and 31 December 2021.

During the period, the Group has no transfers of fair value measurements between Level 1 and Level 2 and no transfers into or out of Level 3 for both financial assets and financial liabilities (for the six months ended 30 June 2021: nil).

20. 金融工具公允價值和公允價值等級(續)

公允價值等級(續)

以公允價值計量的資產(續)

於期間內，第三級內以公允價值計量的金融工具的變動如下：

以公允價值計量的負債

於二零二二年六月三十日及二零二一年十二月三十一日，本集團未持有任何以公允價值計量的負債。

於期間內，本集團未將任何金融資產或金融負債的公允價值計量等級由第一級變更為第二級，亦未將任何金融資產或金融負債的公允價值計量等級變更為第三級或從第三級轉出(截至二零二一年六月三十日止六個月：零)。

NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

21. CONTINGENT LIABILITIES

(a) India Gujarat Project

On 16 March 2019, the Group's subsidiaries, China Datang Technologies & Engineering Co., Ltd. (中國大唐集團科技工程有限公司) ("**Technologies & Engineering Company**") and Datang Technologies & Engineering India Private Limited (大唐科技工程印度有限公司) signed construction contracts for desulfurization and wet chimney with Gujarat State Electricity Corporation Limited ("**GSECL**"). Due to the impact of COVID-19, the construction progress was delayed and GSECL issued a formal notice which accused the Company of default and stated that it might take measures such as terminating the contract, redeeming the performance guarantee letter, and entrusting the work to others to complete. The Group fully accrued provisions of RMB75,848,000 for the redemption of the performance guarantee letter, and also considers that the corresponding advance receipts of RMB25,835,000 will no longer be obligated to be returned after the redemption of the performance guarantee letter, and incurred other expenses of RMB50,013,000 for the year ended 31 December 2021 accordingly. During the period, the performance guarantee letter of RMB75,848,000 has been fully redeemed. The likelihood of occurrence of other compensations about these contract disputes cannot be estimated reliably up to the date of this interim condensed consolidated financial information is authorised for issue.

(b) India NLC Project

On 6 March 2020, Technologies & Engineering Company signed a construction contract with NLC India Limited ("**NLC India**"). Due to the impact of COVID-19, the construction progress was delayed, and NLC India issued a formal notice to request to terminate the contract and redeem the performance guarantee letter amounting to RMB47,303,000. In addition, the claims brought by NLC India also include the costs incurred in re-tendering and the arbitration progress. The Group fully accrued a provision of RMB47,303,000 for the request of redeeming the performance guarantee letter, and incurred other expenses of RMB47,303,000 for the year ended 31 December 2021 accordingly, but the likelihood of occurrence of other compensations about these contract disputes cannot be estimated reliably up to the date of this interim condensed consolidated financial information is authorised for issue.

21. 或有負債

(a) 印度古吉拉特邦項目

於二零一九年三月十六日，本集團之附屬公司中國大唐集團科技工程有限公司(「**科技工程公司**」)和大唐科技工程印度有限公司與Gujarat State Electricity Corporation Limited(「**GSECL**」)訂立脫硫、濕煙囪總承包合同，因受新冠疫情影响，目前工期延誤，GSECL發來正式通知，指責本公司違約，並提出可能會採取終止合同、兌付履約保函、將工程委託予他人完成等舉措。本集團針對兌付履約保函事項全額計提撥備人民幣75,848,000元，亦認為相應的預收款人民幣25,835,000元在兌付履約保函後不再有義務歸還，並於截至二零二一年十二月三十一日止年度相應產生其他開支人民幣50,013,000元。期內，人民幣75,848,000元的履約保函已悉數兌付。截至本中期簡明合併財務資料授權刊發日期，該合同糾紛導致其他賠償的可能性無法可靠計量。

(b) 印度NLC項目

於二零二零年三月六日，科技工程公司與NLC India Limited(「**NLC India**」)訂立總承包合同。後因新冠疫情影响，建造工程被延誤，故NLC India發出正式通知，要求終止合同並兌付履約保函人民幣47,303,000元。此外，NLC India提出的訴訟主張還包括重新招標產生的費用、仲裁程序產生的費用等。本集團針對兌付履約保函事項全額計提撥備人民幣47,303,000元，並於截至二零二一年十二月三十一日止年度相應產生其他開支人民幣47,303,000元，但截至本中期簡明合併財務資料授權刊發日期，該合同糾紛導致其他賠償的可能性無法可靠計量。



NOTES TO THE INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED) 中期簡明合併財務資料附註(續)

For the six months ended 30 June 2022 (Amounts expressed in thousands of RMB unless otherwise stated)
截至二零二二年六月三十日止六個月 (除特別註明外，所有金額均以人民幣千元為單位)

22. EVENTS AFTER THE REPORTING PERIOD

On 31 August 2022, the Board approved the resolution in relation to the proposed new establishment of a wholly-owned subsidiary by the Company in Huai'an city, Jiangsu Province, the PRC, with its proposed registered share capital of approximately RMB38 million. The proposed new establishment is a part of the Group's development strategy to further improve the industrial chain of denitrification catalysts, to optimize the industrial layout and product system, to increase the manufacturing capacity of honeycomb catalyst and to expand the scale of catalyst disposal and regeneration.

Save as disclosed in this interim report, there were no other significant events affecting the Group occurred since 30 June 2022 and up to this interim condensed consolidated financial information is authorised for issue.

23. APPROVAL OF THE INTERIM CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

The interim condensed consolidated financial statements were approved and authorised for issue by the Board on 31 August 2022.

22. 報告期後事項

於二零二二年八月三十一日，董事會批准有關本公司建議於中國江蘇省淮安市新成立全資附屬公司(其建議註冊股本約為人民幣38百萬元)的決議案。該項建議新成立乃本集團發展策略的一部分，旨在進一步健全脫硝催化劑產業鏈、優化產業佈局和產品體系、提高蜂窩催化劑的生產能力及擴大催化劑出售及再生的規模。

除本中期報告所披露者外，自二零二二年六月三十日起直至本中期簡明合併財務資料授權刊發日期，概無發生其他影響本集團的重大事項。

23. 批准中期簡明合併財務報表

中期簡明合併財務報表已於二零二二年八月三十一日經董事會批准及授權發佈。

DEFINITION AND GLOSSARY OF TERMS

釋義與名詞解釋

“Board” 「董事會」	指	the board of Directors of the Company 本公司董事會
“China Datang” 「中國大唐」	指	China Datang Corporation Ltd. (中國大唐集團有限公司), a state-owned enterprise established on 9 April 2003 in accordance with the PRC laws and the Controlling Shareholder and a promoter of the Company 中國大唐集團有限公司，為一間於2003年4月9日根據中國法律成立的國有企業，並為本公司的控股股東及發起人
“China Datang Group” 「中國大唐集團」	指	China Datang and its subsidiaries (excluding the Group) 中國大唐及其附屬公司(本集團除外)
“Company” 「本公司」	指	Datang Environment Industry Group Co., Ltd.* (大唐環境產業集團股份有限公司) was converted to a joint stock limited company on 26 June 2015, unless otherwise stated, including its predecessor China Datang Group Environment Technology Co., Ltd. (中國大唐集團環境技術有限公司) (a limited liability company established on 25 July 2011 pursuant to the PRC law and was renamed to Datang Technology Industry Co., Ltd. (大唐科技產業有限公司) in September 2013 and further to Datang Technology Industry Group Co., Ltd. (大唐科技產業集團有限公司) in December 2013) 大唐環境產業集團股份有限公司，於2015年6月26日改制成立為股份有限公司，除非文義另有所指，否則包括其前身中國大唐集團環境技術有限公司(於2011年7月25日根據中國法律成立的有限責任公司，於2013年9月更名為大唐科技產業有限公司，並於2013年12月進一步更名為大唐科技產業集團有限公司)
“Controlling Shareholder” 「控股股東」	指	has the meaning ascribed under the Listing Rules, and in this interim report, refers to the controlling shareholder of the Company, China Datang 具上市規則所賦予的涵義，於本中期報告指本公司的控股股東中國大唐
“Datang Huayin” 「大唐華銀」	指	Datang Huayin Electric Power Co., Ltd. (大唐華銀電力股份有限公司), a joint stock limited company established on 22 March 1993 in accordance with the PRC laws and a subsidiary of China Datang, which is listed on the Shanghai Stock Exchange (stock code: 600744) 大唐華銀電力股份有限公司，於1993年3月22日根據中國法律成立的股份有限公司，為中國大唐附屬公司，並於上海證券交易所上市(股份代號：600744)
“Datang Renewable” 「大唐新能源」	指	China Datang Corporation Renewable Power Co., Ltd. (中國大唐集團新能源股份有限公司), a joint stock limited company established on 23 September 2004 in accordance with the PRC laws and a subsidiary of China Datang, which is listed on the Main Board of the Stock Exchange (stock code: 1798) 中國大唐集團新能源股份有限公司，於2004年9月23日根據中國法律成立的股份有限公司，為中國大唐附屬公司，並於聯交所主板上市(股份代號：1798)

DEFINITION AND GLOSSARY OF TERMS (CONTINUED)

釋義與名詞解釋(續)

“Director(s)” 「董事」	指	the director(s) of the Company 本公司董事
“Domestic Share(s)” 「內資股」	指	ordinary shares in the Company’s share capital, with a nominal value of RMB1.00 each, which are subscribed for and paid up in RMB 本公司股本中每股面值人民幣1.00元的普通股，以人民幣認購及支付
“EMC” 「合同能源管理」	指	a business model that the energy conservation companies provide energy-conservation services to customers according to the energy-conservation service contracts entered into with customers, and recover the investment and gain profit from the energy efficiency achieved upon the completion of energy conservation facilities refurbishment 節能服務公司根據與客戶訂立的節能服務合同，為客戶提供節能服務，並從節能設施改造後獲得的節能效益中收回投資和取得利潤的一種商業運作模式
“EPC” 「EPC」或「工程總承包」	指	engineering, procurement and construction, a common form of contracting arrangement whereby the contractor is commissioned by the customer to carry out works, such as design, procurement, construction and trial operations, either through the contractor’s own employees or by subcontracting part or all of the works, and be responsible for the quality, safety, timely delivery and cost of the project 設計、採購及建造，承包安排的一種常見形式，即承包商受客戶委託進行設計、採購、施工及試工等工作(無論是通過承包商本身的僱員或分包部分或所有工作)，並對項目的質量、安全、工期及成本負責
“Group”, “our Group”, “we” or “us” 「本集團」或「我們」	指	the Company and all or any of our subsidiaries (as the context so requires) 本公司及其所有或其中任何一間附屬公司(視文義而定)
“H Share(s)” 「H股」	指	overseas listed foreign shares in ordinary share capital of the Company with a nominal value of RMB1.00 each, subscribed for and traded in Hong Kong dollars and listed and traded on the Stock Exchange 本公司普通股股本中每股面值人民幣1.00元的海外上市外資股，以港元認購及買賣，並於聯交所上市及買賣
“Latest Practicable Date” 「最後可行日期」	指	13 September 2022, being the latest practicable date prior to the printing of this interim report for ascertaining certain information contained in this interim report 2022年9月13日，即於本中期報告付印前確定當中所載若干信息的最後可行日期
“Listing Rules” 「上市規則」	指	Rules Governing the Listing of Securities on the Stock Exchange 聯交所證券上市規則
“Model Code” 「標準守則」	指	Model Code for Securities Transactions by Directors of Listed Issuers as set out in Appendix 10 to the Listing Rules 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

DEFINITION AND GLOSSARY OF TERMS (CONTINUED)

釋義與名詞解釋(續)

“PBOC” or “People’s Bank of China” [中國人民銀行]	指	the People’s Bank of China 中國人民銀行
“PRC” [中國]	指	the People’s Republic of China, unless it has specifically specified, it excludes Hong Kong Special Administrative Region, Macau Special Administrative Region and Taiwan 中華人民共和國，除非特別說明，本文中不包括香港特別行政區、澳門特別行政區及台灣
“Prospectus” [招股章程]	指	the prospectus of the Company dated 3 November 2016 with respect to the listing of the Company on the Main Board of the Stock Exchange 本公司日期為2016年11月3日的招股章程，內容有關本公司於聯交所主板上市
“Reporting Period” [報告期]	指	the six months ended 30 June 2022 截至2022年6月30日止六個月
“RMB” [人民幣]	指	Renminbi, the current lawful currency of the PRC 人民幣，中國法定貨幣
“Senior Management” [高級管理層]	指	senior management of the Company 本公司高級管理層
“SFC” [證監會]	指	the Securities and Futures Commission 證券及期貨事務監察委員會
“SFO” [證券及期貨條例]	指	the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong), as amended, supplemented or otherwise modified from time to time 香港法例第571章證券及期貨條例，經不時修訂、補充或以其他方式修改
“Shareholder(s)” [股東]	指	holder(s) of the Share(s) 股份持有人
“Share(s)” [股份]	指	ordinary share(s) with nominal value of RMB1.00 each in the share capital of the Company, composed of the Domestic Shares and H Shares 本公司股本中每股面值人民幣1.00元的普通股，包括內資股及H股
“Stock Exchange” [聯交所]	指	The Stock Exchange of Hong Kong Limited 香港聯合交易所有限公司
“Supervisor(s)” or “Supervisory Committee” [監事]或[監事會]	指	supervisor(s) or supervisory committee of the Company 本公司監事或監事會
“%” [%]	指	percent 百分比

If there is any inconsistency between the Chinese names of entities or enterprises established in the PRC and their English translations, the Chinese names shall prevail.

於中國成立的實體或企業的中文名稱倘若與英文譯名不符，概以中文名稱為準。



LEGAL NAME OF THE COMPANY

大唐環境產業集團股份有限公司

ENGLISH NAME OF THE COMPANY

Datang Environment Industry Group Co., Ltd.*

DIRECTORS

Executive Director

Mr. Shen Zhen (*temporarily performs the responsibilities of the Chairman of the Board from June 2022*) (*appointed in June 2022*)

Non-executive Directors

Mr. Wang Yanwen (*resigned as the Chairman of the Board with effect from June 2022 and re-designated as a non-executive Director in June 2022*)

Mr. Wang Junqi

Mr. Wu Daqing

Mr. Chen Kan

Mr. Song Yunpeng

Mr. Tian Dan (*resigned as an executive Director with effect from June 2022 and re-designated as a non-executive Director in May 2022 until June 2022*)

Independent non-executive Directors

Mr. Ye Xiang

Mr. Mao Zhuanjian

Mr. Gao Jiexiang

SUPERVISORS

Mr. Huang Yuan (*Chairman*)

Mr. Zhang Xuefeng

Ms. Luo Li

LEGAL REPRESENTATIVE OF THE COMPANY

Mr. Wang Yanwen

AUTHORIZED REPRESENTATIVES

Mr. Wang Yanwen

Mr. Liang Xiuguang

公司法定名稱

大唐環境產業集團股份有限公司

公司英文名稱

Datang Environment Industry Group Co., Ltd.*

董事

執行董事

申鎮先生(於2022年6月起暫時履行董事長職責)
(於2022年6月獲委任)

非執行董事

王彥文先生(辭任董事長於2022年6月生效及於
2022年6月調任為非執行董事)

王俊啟先生

吳大慶先生

陳侃先生

宋雲鵬先生

田丹先生(辭任執行董事於2022年6月生效及於
2022年5月調任為非執行董事直至2022年6月)

獨立非執行董事

叶翔先生

毛專建先生

高家祥先生

監事

黃源先生(主席)

張學峰先生

羅莉女士

本公司法定代表

王彥文先生

授權代表

王彥文先生

梁秀廣先生

CORPORATE INFORMATION (CONTINUED)

公司資料(續)

JOINT COMPANY SECRETARIES

Mr. Liang Xiuguang
Mr. Leung Chi Kit (ACG; HKACG) (appointed in May 2022)
Ms. Wong Sau Ping (resigned in May 2022)

COMMITTEES UNDER THE BOARD

Audit Committee

Mr. Gao Jiaxiang (Chairman)
Mr. Ye Xiang
Mr. Chen Kan

Nomination Committee

Mr. Shen Zhen (Chairman) (temporarily performs the duties from June 2022)
Mr. Mao Zhuanjian
Mr. Gao Jiaxiang
Mr. Wang Yanwen (resigned in June 2022)

REMUNERATION AND EVALUATION COMMITTEE

Mr. Ye Xiang (Chairman)
Mr. Mao Zhuanjian
Mr. Wu Daqing

STRATEGY AND INVESTMENT COMMITTEE

Mr. Shen Zhen (Chairman) (appointed in June 2022)
Mr. Mao Zhuanjian
Mr. Wang Junqi
Mr. Tian Dan (resigned with effect from June 2022)

REGISTERED OFFICE

No. 120 Zizhuyuan Road, Haidian District, Beijing, the PRC

HEAD OFFICE IN THE PRC

No. 120 Zizhuyuan Road, Haidian District, Beijing, the PRC

PRINCIPAL PLACE OF BUSINESS IN HONG KONG

31/F, Tower Two, Times Square, 1 Matheson Street,
Causeway Bay, Hong Kong

聯席公司秘書

梁秀廣先生
梁志傑先生(ACG; HKACG)(於2022年5月獲委任)
黃秀萍女士(於2022年5月辭任)

董事會轄下委員會

審計委員會

高家祥先生(主席)
叶 翔先生
陳 侃先生

提名委員會

申鎮先生(主席)(於2022年6月起暫時履行職責)
毛專建先生
高家祥先生
王彥文先生(於2022年6月辭任)

薪酬與考核委員會

叶 翔先生(主席)
毛專建先生
吳大慶先生

戰略與投資委員會

申 鎮先生(主席)(於2022年6月獲委任)
毛專建先生
王俊啟先生
田丹先生(辭任於2022年6月生效)

註冊辦事處

中國北京市海澱區紫竹院路120號

中國總部

中國北京市海澱區紫竹院路120號

香港主要營業地點

香港銅鑼灣勿地臣街1號
時代廣場二期31樓



AUDITOR

Moore Stephens CPA Limited
801-806 Silvercord, Tower 1,
30 Canton Road,
Tsimshatsui, Kowloon,
Hong Kong
Certified Public Accountants

Da Hua CPAs (Special General Partnership)
Floor 12, Building 7,
Yard 16, West Fourth Ring Road,
Haidian District, Beijing

LEGAL ADVISORS

As to Hong Kong law

Zhong Lun Law Firm LLP
4/F, Jardine House, 1 Connaught Place,
Central, Hong Kong

As to the PRC law

Zhong Lun Law Firm
23-31/F, South Tower of CP Center,
20 Jin He East Avenue, Chaoyang District, Beijing, PRC

PRC PRINCIPAL BANKS

China Development Bank Corporation
China Development Bank 11088
Fortune Resource International Center
No. 16 Taipingqiao Street, Xicheng District, Beijing, the PRC

China Construction Bank Corporation
Beijing Xuanwu Sub-branch
No. 314 Guang'anmennei Street, Xicheng District,
Beijing, the PRC

Industrial and Commercial Bank of China Limited
Beijing Haidian Sub-branch
No. 100 Zhongguancun East Road, Haidian District,
Beijing, the PRC

Agricultural Bank of China
Beijing Xuanwu Sub-branch
No. 1A Xuanwumenwai Avenue,
Xicheng District, Beijing

Bank of Beijing Co., Ltd.
Shangdi Sub-branch
No. 1 Shangdi Xinx Road,
Haidian District, Beijing

核數師

大華馬施雲會計師事務所有限公司
香港
九龍尖沙咀
廣東道30號
新港中心1座801至806室
執業會計師

大華會計師事務所(特殊普通合夥)
北京市海淀區
西四環中路16號
7號樓12層

法律顧問

香港法律

中倫律師事務所有限法律責任合夥
香港中環
康樂廣場一號怡和大廈四樓

中國法律

中倫律師事務所
中國北京市朝陽區金和東路20號院
正大中心南塔23-31層

主要往來銀行

國家開發銀行股份有限公司
中國北京市西城區
太平橋大街16號豐融國際中心
國家開發銀行11088

中國建設銀行股份有限公司
北京宣武支行
中國北京市西城區
廣安門內大街314號

中國工商銀行股份有限公司
北京海澱支行
中國北京市海澱區
中關村東路100號

中國農業銀行股份有限公司
北京宣武支行
北京市西城區
宣武門外大街甲1號

北京銀行股份有限公司
上地支行
北京市海澱區
上地信息路1號

CORPORATE INFORMATION (CONTINUED)

公司資料(續)

Ningbo Bank Corporation
Beijing Zhongguancun Sub-Branch
1st Floor, Dream Laboratory, 1 Haidian Avenue,
Haidian District, Beijing

Agricultural Bank of China Limited
Beijing Luomashi Sub-branch
F1, Block A, Fenghua Haojing,
No. 6-4 Guang'an Men Nei Da Jie, Xicheng District, Beijing

China Minsheng Bank
Wanliu Branch
Block 2, 6 Wanliuzhong Road, Haidian District, Beijing

Postal Savings Bank of China
Dashanzi Branch
13 Jiuxianqiao Road, Chaoyang District, Beijing

China Merchant Bank
Beijing East Third Ring Branch
1 East Third Ring North Road, Chaoyang District, Beijing

Bank of Jiangsu
Beijing Branch
1 Building, Guangxi Homeland, Chaoyang District, Beijing

H SHARE REGISTRAR

Computershare Hong Kong Investor Services Limited
Shops 1712-1716, 17/F, Hopewell Centre,
183 Queen's Road East, Wanchai, Hong Kong

STOCK ABBREVIATION AND STOCK CODE

DATANG ENVIRO (1272)

INVESTOR INQUIRIES

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Fax: +86 10 5838 9860
Website: www.dteg.com.cn
E-mail: ir@dteg.com.cn

* For identification purpose only

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北京市海澱區海澱大街1號
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中國農業銀行股份有限公司
北京驛馬市支行
北京市西城區廣安門內大街6-4號
楓樺豪景A座1層

民生銀行
萬柳支行
北京市海澱區萬柳中路6號院2號樓

中國郵政儲蓄銀行
大山子支行
北京市朝陽區酒仙橋路13號

招商銀行
北京東三環支行
北京市朝陽區東三環北路1號

江蘇銀行
北京分行
北京市朝陽區光熙家園1號樓

H股證券登記處

香港中央證券登記有限公司
香港灣仔皇后大道東183號合和中心17樓
1712-1716室

股份簡稱及股份代號

大唐環境(1272)

投資者查詢

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* 僅供識別



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Datang Environment Industry Group Co., Ltd.*