



CHINA

ALUMINUM CORPORATION OF CHINA LIMITED

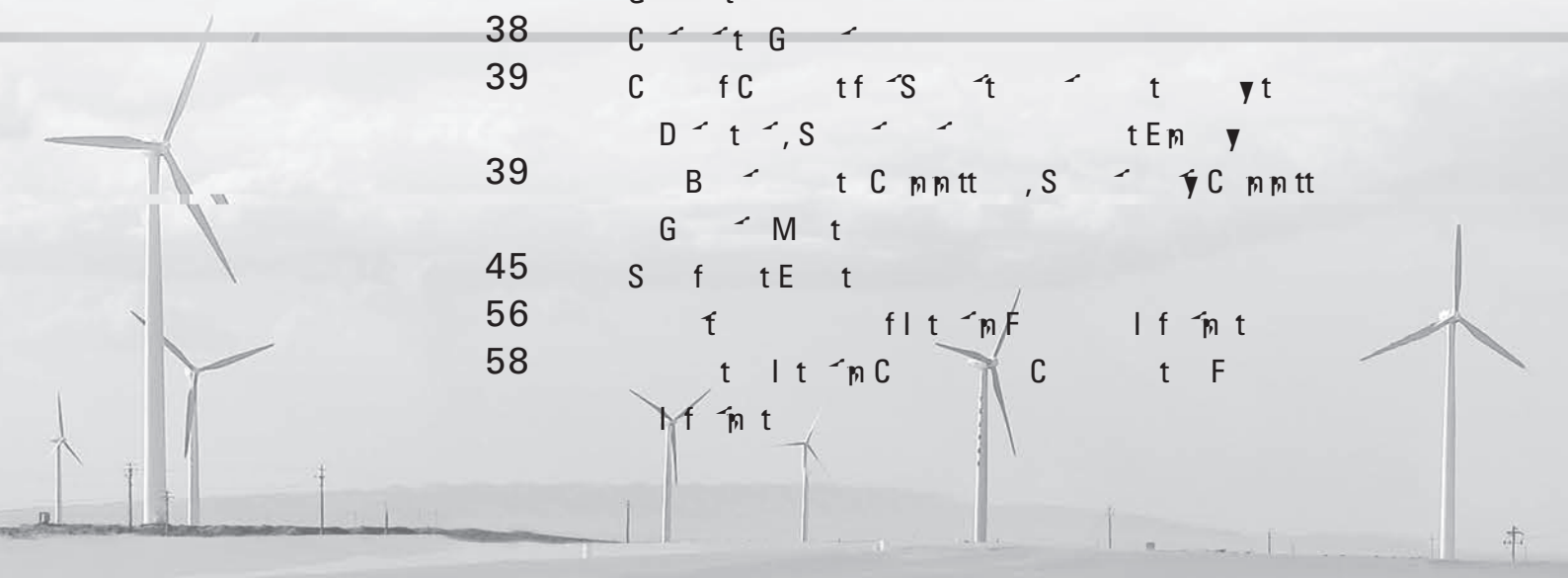


2022 Interim Report



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CORPORATE INFORMATION

1. Registered name : 中國鋁業股份有限公司
Abbreviation of Chinese registered name : 中國鋁業
English name : ALUMINUM CORPORATION OF CHINA LIMITED
Abbreviation of English registered name : CHALCO
2. First registration date : 10 September 2001
Registered address : No. 62 North Xizhimen Street, Haidian District, Beijing, the PRC (Postal Code: 100082)
Place of business : No. 62 North Xizhimen Street, Haidian District, Beijing, the PRC (Postal Code: 100082)
Principal place of business in Hong Kong : Room 4501, Far East Finance Centre, No. 16 Harcourt Road, Admiralty, Hong Kong
Internet website of the Company : www.chalco.com.cn
E-mail of the Company : IR@chalco.com.cn
3. Legal representative of the Company : Mr. Liu Jianping
Joint company secretaries : Mr. Ge Xiaolei and Ms. Ng Ka Man *(Note)*
Telephone : (8610) 8229 8322
Fax : (8610) 8229 8158
E-mail : IR@chalco.com.cn
Address : No. 62 North Xizhimen Street, Haidian District, Beijing, the PRC (Postal Code: 100082)
Representative for Company's securities related affairs : Mr. Gao Lidong
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Address : No. 62 North Xizhimen Street, Haidian District, Beijing, the PRC (Postal Code: 100082)
Department for corporate information and inquiry : Office of the Board
Telephone for corporate information and inquiry : (8610) 8229 8322



4. Share registrar
A shares : China Securities Depository and Clearing Corporation Limited, Shanghai Branch
188 South Yanggao Road, Pudong New Area, Shanghai, the PRC (Postal Code: 200127)
- H shares : Hong Kong Registrars Limited
17M Floor, Hopewell Centre, 183 Queen's Road East, Wanchai, Hong Kong
5. Places of listing : Shanghai Stock Exchange ("**SSE**")
The Stock Exchange of Hong Kong Limited ("**Hong Kong Stock Exchange**")
- Stock name : 中國鋁業(CHALCO)
- Stock code : 601600 (SSE)
2600 (Hong Kong Stock Exchange)
6. Principal bankers : Industrial and Commercial Bank of China,
China Construction Bank
7. Unified social credit code : 911100007109288314
for corporate legal person
8. Independent auditors : PricewaterhouseCoopers
Certified Public Accountants
Registered Public Interest Entity Auditor
22/F, Prince's Building, Central, Hong Kong SAR
- PricewaterhouseCoopers Zhong Tian LLP
11/F, PricewaterhouseCoopers Center 2
Corporate Avenue 202 Hu Bin Road,
Huangpu District, Shanghai, the PRC
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9. Legal advisers : *as to PRC laws:*
 Jincheng Tongda & Neal Law Firm
 10/F, China World Trade Tower A,
 1 Jianguomenwai Avenue, Chaoyang District,
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 (Postal code: 100004)
- as to Hong Kong laws:*
 Baker & McKenzie
 14/F, One Taikoo Place, 979 King's Road, Quarry Bay,
 Hong Kong
- as to United States laws:*
 Sullivan & Cromwell (Hong Kong) LLP
 20th Floor, Alexandra House, 18 Chater Road, Central,
 Hong Kong
10. Place for inspection of corporate information : Office of the Board of the Company

Note: The former company secretary of the Company, Mr. Wang Jun, has resigned from the Company for personal reasons. At the second meeting of the 8th session of the Board of Directors of the Company held on 24 July 2022, the "Resolution on the Appointment of Joint Company Secretaries" was considered and approved to terminate the appointment of Mr. Wang Jun as company secretary and to appoint Mr. Ge Xiaolei and Ms. Ng Ka Man as joint company secretaries of the Company. The Hong Kong Stock Exchange has granted a waiver to the Company in respect of the appointment of Mr. Ge Xiaolei and Ms. Ng Ka Man as the joint company secretaries of the Company for a period from 24 July 2022 to 23 July 2025. For details of the foregoing, please refer to the announcement on change of company secretary of the Company dated 24 July 2022.



The board of directors (the “**Board**”) of Aluminum Corporation of China Limited* (the “**Company**”) announces the unaudited interim results of the Company and its subsidiaries (together, the “**Group**”) for the six months ended 30 June 2022. On behalf of the Board and all employees of the Company, the Board would like to express its gratitude to all shareholders for their attention and support to the Company.

PRODUCT MARKET REVIEW

ALUMINA MARKET

In the first half of 2022, the price of alumina rose and then fell before returning to a stable trend.

In the international market, Ukraine closed its Nikolayev alumina plant with a capacity of 1.70 million tonnes under the influence of the Russia-Ukraine conflict which raised market concerns about supply and the spot price of alumina skyrocketed. With supply concerns resolved, alumina prices began to fall back. At the end of March, Australia prohibited the export of alumina to Russia, resulting in the long-term delivery of alumina entering into the spot market in the second quarter of 2022, and leading to an increasing market supply. In the first half of the year, the average FOB price of overseas alumina was USD398 per tonne, representing a year-on-year increase of 38% with the lowest and highest prices being USD345 per tonne and USD533 per tonne, respectively.

In the domestic market, under the influence of the production restriction of the Winter Olympics and the pandemic in the main production area of alumina, the domestic spot price of alumina increased at the beginning of the year, reaching RMB3,305 per tonne in mid-February, representing an increase of approximately 18% over the beginning of the year. Along with environmental control and the gradually subsided impact of the pandemic, the supply of alumina increased with a drop of the price. In late March, with the resumption of production of electrolytic aluminum capacity in Southwest China, the rectification of Guizhou mines and the tight supply of bauxite, the reduction in the production of alumina enterprises resulted in an unbalanced regional supply and demand, which led to a rapid increase in alumina prices. In mid-May, with the resumption of alumina production and new production, the price of alumina continued to decline, while the sudden increase in alumina exports provided support for the gradual stability of alumina prices. In the first half of the year, the price of alumina fluctuated between RMB2,800–3,300 per tonne, and the volatility narrowed in the second quarter. The average spot-price of domestic alumina was RMB3,008 per tonne, representing a year-on-year increase of 26.1%.

According to the statistics, the global output and consumption of alumina for the first half of 2022 were approximately 66.79 million tonnes and approximately 67.19 million tonnes, respectively, representing a year-on-year decrease of 1.0% and increase of 3.3%, respectively. The domestic output and consumption of alumina were approximately 37.97 million tonnes and approximately 39.46 million tonnes, respectively, representing a year-on-year increase of 0.6% and 5.4%, respectively.

PRIMARY ALUMINUM MARKET

In the first half of 2022, under the influence of events such as the Russia-Ukraine conflict, the energy crisis in Europe, the Fed's interest rate hike and the pandemic in China, the price of aluminum fell after rising, trending upward.

In the international market, the outbreak of the Russia-Ukraine conflict triggered the energy crisis in Europe. The skyrocketed price of natural gas in Europe forcibly reduced the production of electrolytic aluminum plants and significantly slowed down the efficiency of global cargo circulation. With a prominent shortage of overseas aluminum supply, the prices of electrolytic aluminum in Europe, North America and other regions recorded the highest in history. Since mid-to-late March, major economies, in particular the United States, have been raising interest rates rapidly to curb inflation, triggering financial market concerns about the global economic recession. The pessimism has continued to spread with a serious blow to market confidence. Meanwhile, the flare-up of the pandemic severely hinged China's economy and demand. Against this backdrop, metal prices fell from high and continued to decline, showing an "inverted-V" trend overall with an upward shift. In the first half of 2022, the average prices of current month aluminum futures and three-month aluminum futures at LME were USD3,079 per tonne and USD3,076 per tonne, respectively, representing a year-on-year increase of 37.1% and 36.3%, respectively.

In the domestic market, the domestic aluminum price performed similarly as the international aluminum price, falling after rising. In the first quarter, driven by the aluminum price on the LME, the price of electrolytic aluminum increased significantly to RMB24,255 per tonne. Subsequent to the concerns about the global economic recession caused by the Fed's aggressive interest rate hike policy, suspension of work and production and depressed consumption caused by China's pandemic prevention and control and other factors, aluminum consumption remained stagnant. In addition, China's GDP in the first quarter was far below expectations with insufficient market confidence, and aluminum price fell from a high level. In the first half of 2022, the average prices of current month aluminum futures and three-month aluminum futures at SHFE were RMB21,461 per tonne and RMB21,406 per tonne, representing a year-on-year increase of 23.3% and 23.5%, respectively.



According to the statistics, the global output and consumption of primary aluminum in the first half of 2022 were approximately 34.04 million tonnes and approximately 34.51 million tonnes, respectively, representing a year-on-year increase of 0.4% and decrease of 2.9%, respectively. The domestic output and consumption of primary aluminum were approximately 19.70 million tonnes and approximately 19.65 million tonnes, respectively, representing a year-on-year increase of 0.3% and decrease of 2.5%, respectively.

BUSINESS REVIEW

In the first half of 2022, under the development goal of building itself into a world-class aluminum company with global competitiveness, the Company further implemented new development philosophy, enhanced the capability to create value, deepened all-factor benchmarking, strengthened quality and efficiency improvement by accelerating transformation and upgrading and seizing market opportunities, and achieved new results in high-quality development.

1. Operating results increased significantly, with further improvement of operational quality and brand image. In the first half of the year, the Company gave priority to promoting the resumption of work and production coupled with stability and efficiency, and realized the increase in profits of major products of alumina, carbon, refined alumina and energy. The return on assets has increased significantly. Operating revenue amounted to RMB145,403 million, representing a year-on-year increase of 20.35%. Profit before income tax amounted to RMB6,957 million, representing a year-on-year increase of 14.82%. Net operating cash flow was RMB14,983 million, representing a year-on-year increase of 57.98%; Interest-bearing liabilities decreased by RMB6,776 million as compared with the beginning of the year. Standard & Poor's upgraded the Company's credit rating from "BBB-" to "BBB", while Fitch and CCT maintained their ratings of the Company at the highest level in the industry. The Company expanded green financing channels and successfully issued low-interest carbon neutral green bonds and the first batch of low-carbon transformation bonds totaling RMB1,500 million, leading green development in the industry.

2. The Company deepened benchmarking management and continuously enhanced value creation capability. Chalco Guinea overcame difficulties such as the pandemic and strikes, and the volume of ore transported increased by 750,000 tonnes year-on-year; Baotou Aluminum, Shanxi Zhongrun and Shanxi New Materials achieved full production and operation. Liancheng Branch accelerated the resumption of work and production. The cumulative production of electrolytic aluminum was 450,000 tonnes, and the capacity utilization rate increased by 2.7 percentage points as compared to the corresponding period of last year; Alumina and carbon remained stable with capacity utilization rates increasing 2.8 and 2.1 percentage points, respectively, as compared to the corresponding period of last year; Coal production of Ningxia Energy increased by 3.28 million tonnes year-on-year. The Company deepened the professional benchmarking of alumina, electrolytic aluminum, carbon and energy, and started the process benchmarking. According to the “six-step method”, the Company studied and determined 65 full-factor benchmarking programs within 7 types of professions. The Company consolidated the management model of “five standards and one control” for electrolytic aluminum, and promoted the management model of “three improvements and one upgrade” for alumina. The first-grade alumina product rate was 93%, the first-grade aluminum liquid 99.85 tank accounted for 76.7%, and the first-grade carbon product rate was 74.3%, all of which were the best in history; The comprehensive energy consumption of alumina and the comprehensive AC power consumption of aluminum liquid decreased by 11.8 kg of standard coal/tonne and 121 kWh/tonne, respectively, as compared with the same period of last year. The profit per unit product of 8 carbon production lines entered top one-third of the industry. The business outsourcing expenses and the number of external contractors decreased by 20% and 45% year-on-year, respectively.

3. The Company steadily promoted sustainable development and continuously exerted synergy effect. The Company focused on acquiring bauxite and obtained 2 new bauxite exploration rights. The bauxite of Guangxi Jiaomei with an annual output of 2,000,000 tonnes was put into operation in advance; By accelerating the implementation of green industry, the 250MW photovoltaic project in Ningdong was steadily advancing, and the utilization of red mud by enterprises such as Guangxi Branch and Guangxi Huasheng continued to increase. The comprehensive utilization rate of red mud increased to 7.9%. Shanxi New Materials Aluminum Ash Project obtained the operation qualification. The Company accelerated the development of recycled aluminum and acquired and consumed a total of 107,000 tonnes of aluminum waste. By strengthening market forecast and expanding the sources of imported mines, the Company actively responded to the reduction of bauxite exports from Indonesia and Australia, and sign an underwriting agreement of TT coal mine in Mongolia for 10.00 million tonnes coking coal per year. The Company also continued to promote lean procurement and digital operation to effectively reduce the procurement costs of bulk raw materials and fuels such as coal, alkali and coke. The Company reduced the logistics cost by carrying out network freight operation.



4. The Company continued to optimize scientific research system with remarkable achievements in technological research. The Company strengthened mechanism innovation, gathered resources of 9 professional field technology centres, gradually enhanced the synergy of research and development for breakthrough, applied for 5 national level platforms and carried out 35 scientific and technological projects; implemented science and technology development support fund plan, and implemented incentive models such as performance bonus, project dividend and investment follow-up; accelerated the layout of energy-saving and carbon-reducing science and technology research and development in aluminium smelting, carried out integrated industrial trials of complete sets of technologies and accelerated industrialization demonstration and industrial tests of high-purity alumina and high-purity aluminum; Zunyi Aluminium's wet oxidation, desulfurization and decarburization technology has achieved remarkable results, opening up a new path for high-sulphur and high-carbon ore utilization; Nine national and group standards were drafted and issued, and 129 patents were granted.
5. The Company promoted professional and regional integration in an orderly manner and iterated and upgraded digital transformation. The Company implemented refined professional management of alumina and carbon and integrated management and integration of enterprises, and expanded the implementation of professional managers system. The Company formulated a digital "1234" action plan, built a unified data standard system, and the production management and control platform of the excellent technology center was put into trial operation; Guangxi Huasheng Smart Factory has formed 12 replicable modules, increased the labor productivity by 7.8%, and accelerated the replication of smart factories by batches.
6. The Company further deepened the management reform and continuously improved the market-oriented operation mechanism. The Company further refined and improved the contractual management of tenure system and the performance contracts of professional

7. The Company continued to strengthen the guidance of Party building and achieved remarkable results in integration and improvement. The Company gave full play to the leading role of the Party Committee in “provide direction, manage the overall situation and promote implementation”, by improving the rules of procedure of Party Committee, strictly implementing the “Three Importance and One Greatness” decision-making system and list of major operation and management matters for the Party Committee’s research and discussion. Corporate governance has been further improved. By solidly carrying out the themed practice activity of “playing role as front-runners, building a strong army, and serving as a good leader to welcome the 20th National Congress”, the Company gave priority to solving the difficulties in production and operation and strengthened the mission and responsibility for the main objectives of activities. In the key links such as pandemic prevention and control, stable production and secure supply, and emergency repair and rescue, the grass-roots Party organizations played the role of stronghold of combat and the party members played a pioneering and exemplary role to provide strong guarantee to ensure the smooth development of the Company’s work.

OUTLOOK AND PROSPECT

In the second half of 2022, the Company will continue to follow through the new development concept by adhering to the direction of green, low-carbon and high-quality development, firmly implementing the “Coastal and Overseas” strategy, and continue to optimize the layout structure, promote the industrial cluster development, actively build a new pattern of 3×5 industrial development, accelerate the establishment of a technological innovation system that effectively connects the R&D chain and the industrial chain, and focus on the key areas, key products and key technologies to integrate the industrial chain. The Company will also promote the optimization and upgrading of the industrial chain, firmly become the “chain leader” of the modern aluminum industry chain, thus to give a way to better play its leading role in the industry. The key tasks to be carried out by the Company include:



1. Strengthening value management and promoting quality and efficiency enhancement. The Company will continue to improve the benchmarking system by solidly carrying out professional benchmarking, continuing to deepen process benchmarking, strengthening the replication and promotion of the management model of “three improvements and one upgrade” of alumina and “five standards and one control” of electrolytic aluminum, and establishing a long-term mechanism for management improvement. The Company will improve the market-oriented cost offsetting mechanism, strengthen the management of all staff, all business chains and all cost factors, focus on the key links affecting the efficiency and effectiveness of the Company, increase penetration analysis, promote the three-year cost reduction action in depth, continue to improve cost competitiveness and enhance risk resistance capacity; By strengthening production command and dispatch, the Company will pay close attention to equipment operation management, reduce abnormal suspension of equipment, and achieve long-term, safe and efficient operation; By strengthening its research and judgement, the Company will strive to improve its domestic bauxite supply capacity to reduce mining costs. By optimizing the mining plan in Guinea and expanding the procurement of imported mines, the Company will improve the supply capacity. Therefore, the Company will strengthen the organization of alumina production under complex ore conditions through impurity removal and consumption cost reduction to improve product quality. Through the communication with local enterprises, the Company will strive to ensure power supply and price reduction by improving hierarchical management and control, aiming to achieve full, stable and excellent production. The Company will also carry out the whole process benchmarking for carbon by strengthening the refinement management of each process and improving product quality and increase profitability. In order to achieve safe and stable production, the Company will optimize coal production organization and improve production conditions.

2. Accelerating structural adjustment and optimizing industrial layout. The Company will actively promote the replacement of production capacity in existing mining areas, improving its endeavors in the transfer of exploration rights to mining rights and expansion of relevant mines, and effectively improving the resource supply capacity; By strengthening the research of overseas industrial layout and creating conditions for the construction of overseas alumina production bases, the Company will seize the policy window and implement the 2,000,000 tonnes alumina project of Guangxi Huasheng Phase II. By coordinating the local area network construction and new energy acquisition and accelerating the construction of the Huayun Phase III electrolytic aluminum project, the Company will actively develop new energy industry and accelerate the construction of photovoltaic projects; By advancing strategic cooperation with central energy enterprises and exploring a safer and more efficient energy structure adjustment plan, the Group will accelerate the establishment of smart factory construction specifications, focus on promoting the construction of the second phase of the smart factory of Guangxi Huasheng, and promote and replicate the “one enterprise, one policy” to achieve iterative upgrade.
3. Improving the innovation mechanism to empower high-quality development. By promoting the application and construction of national platform with high quality as well as accelerating the research of key common technologies, Zhengzhou Research Institute will be built into a reform model of the scientific reform demonstration action to deepen the application of the production management and control system of the excellent technology center. By improving the scientific and technological resource coordination capability of the green research institute, the Company will strive to achieve new breakthroughs in scientific and technological research featuring on energy conservation and carbon reduction, and the comprehensive utilization of “three wastes” of red mud and electrolytic aluminum. The field technology center will accelerate industrial testing and industrial demonstration to improve the Company’s market competitiveness. Production enterprises will focus on cost reduction and quality improvement by vigorously carrying out various technological breakthroughs and minor reforms to actively promote the transformation and application of relevant achievements, and continuously enhance value creation capabilities. The Company will improve management mechanisms such as “selecting the best candidates to undertake key research projects” and give scientific research leaders and project teams greater voice right. The Company will make good use of incentive policies such as risk mortgage, project dividends and profit sharing from achievement transformation to improve the enthusiasm and initiative of scientific researchers. The Company will also accelerate the construction of a career development system for scientific and technological talents led by chief scientists, so as to facilitate the career development channels for scientific and technological talents, and build a high-level scientific and technological talent team.



4. Accelerating technological breakthroughs and vigorously developing green industries. By implementing its dual-carbon plan, the Company will accelerate the development of energy-saving and carbon-reducing technologies, and continue to promote the innovation and application of energy-saving technologies. The Company will also pick up pace to utilize residual heat of the fluidized bed in the aluminum oxide roasting furnace and promote the industrialization of the application of graphite cathode technology and accelerate the research and development of high-end products. The Company will deepen the action plan for comprehensive utilization of red mud, strengthen communication with local governments, promote cooperation with steel, cement, building materials, transportation and other industries, expand the red mud consumption field, and improve the comprehensive utilization rate of red mud. The Company will accelerate the industrialization demonstrations of technological achievements such as disposal of aluminum electrolytic hazardous waste. The Company will improve the incentive mechanism for secondary aluminum and establish a market-oriented business model for secondary aluminum.

5. Deepening management reform and stimulating vitality. By accelerating the integration of carbon and refined alumina, improving the professional operation level and market competitiveness, the Company will build a “specialized, refined and unique” enterprise. The Company will strictly implement the end-to-end adjustment and incompetence exit system for leaders, extend the contractual management of tenure system to the heads of corporate functional departments and branches, strengthen the management of “one person, one order”, and achieve rigid assessment and rigid fulfilment. The Company will improve the “double-link” mechanism between total salary, economic efficiency and labor productivity, implement “monthly assessment and monthly payment”, improve the “double-benchmark” incentive mechanism between performance, salary and market, promote differentiated incentives, and established a “multi-level” positive incentive system. By implementing the second batch of equity incentives, the Company will increase the full-cycle incentives for scientific and technological talents. By strengthening the dynamic management of the chief control personnel, the Company will form a good mutual pattern of labor productivity improvement and employee income growth.

6. Continuously improving the corporate governance system. By benchmarking world-class listed companies and carrying out special work to improve the quality of corporate governance, the Company will improve the governance system and standard operation. By strengthening vertical consistency and centralized management, and clarifying the boundary of powers and responsibilities of the Company's headquarters, professional companies, business platforms, scientific research units and entities, the Company will clarify the decision-making authority, and achieve clear boundaries, equal rights and responsibilities featuring efficient management. The Company will promote the standardized operation of the Board and the law-based performance of duties by the management, advance the coordinated operation of each governance body, and comprehensively improve the governance capability and level.



INTERIM RESULTS

The operating revenue of the Group for the six months ended 30 June 2022 was RMB145,403 million, representing an increase of 20.35% from the same period of the previous year. The net profit attributable to the owners of the Company and earnings per share attributable to the owners of the ordinary shares of the Company for the six months ended 30 June 2022 were RMB3,989 million and RMB0.231, respectively.

INTERIM DIVIDEND

The Company will not distribute interim dividend for the six months ended 30 June 2022.

MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITIONS AND RESULTS OF OPERATIONS

The following discussion should be read in conjunction with the financial data of the Group and the notes thereto contained in this interim results report and other chapters.

BUSINESS SEGMENTS

The Company principally engages in exploration and mining of bauxite and coal resources; production, sales, and technical development of alumina, primary aluminum, aluminum alloy and carbon; international trading, logistics industry, thermal and new energy power generation, etc. The Company's business segments comprise:

Alumina segment consists of mining and purchasing bauxite and other raw materials, refining bauxite into alumina, and selling alumina both internally to the Group's electrolytic aluminum enterprises and trading enterprises and externally to customers outside the Group. This segment also includes the production and sales of chemical alumina and gallium metal.

Primary aluminum segment consists of procuring alumina, raw and auxiliary materials and electricity power, smelting alumina to produce primary aluminum, which is sold internally to the Group's trading enterprises and externally to customers outside the Group. This segment also includes the production and sales of carbon products, aluminum alloy products and other electrolytic aluminum products.

Trading segment is mainly engaged in the trading and logistics of alumina, primary aluminum, other nonferrous metal products, and crude fuels such as coal products, as well as raw and auxiliary materials to internal manufacturing enterprises and external customers.

Energy segment consists of coal, electricity generation from coal, wind power and photovoltaic power, and new energy equipment production, etc. Among its major products, coals are sold to internal manufacturing enterprises of the Group and external customers outside the Group; and electricity power generated by public power plants, wind power and photovoltaic power stations is sold to local grid companies.

Corporate and other operating segments include corporate and other aluminum-related research and development and other activities.

RESULTS OF OPERATIONS

The Group's net profit attributable to the shareholders of the Company for the first half of 2022 was RMB3,989 million, representing an increase of RMB895 million from RMB3,094 million for the corresponding period of the previous year, primarily due to the effect of the year-on-year increase in the profits of alumina and coal produced by the Company and of imported coking coal trading business.

REVENUE

The Group's revenue for the first half of 2022 was RMB145,403 million, representing an increase of RMB24,586 million from RMB120,817 million for the corresponding period of the previous year, primarily due to the increase in trading business income and the increase in market prices of major products.

COST OF SALES

The Group's cost of sales for the first half of 2022 was RMB131,109 million, representing an increase of RMB22,556 million from RMB108,553 million for the same period of the previous year, primarily due to the increase in trading business cost and the increase in the prices of crude fuel materials required for producing major products.

EXPENSES FOR THE PERIOD

Selling expenses: The Group's selling expenses for the first half of 2022 amounted to RMB142 million, representing generally the same level with RMB135 million for the same period of the previous year.



Administrative expenses: The Group's administrative expenses for the first half of 2022 amounted to RMB2,406 million, representing generally the same level with RMB2,359 million for the same period of the previous year.

Finance expenses: The Group's finance expenses for the first half of 2022 amounted to RMB1,669 million, representing a decrease of RMB248 million from RMB1,917 million for the same period of the previous year, mainly due to the year-on-year decrease in finance expenses through the Company's reduction in the size of interest-bearing debts and optimization of financing expenses.

RESEARCH AND DEVELOPMENT EXPENSES

The Group's research and development expenses for the first half of 2022 amounted to RMB1,626 million, representing an increase of RMB967 million from RMB659 million for the same period of the previous year. This was mainly due to the fact that the Company actively responded to the national "Dual Carbon" policy by optimizing its own business development and increasing supports in research and investment of energy conservation and emission reduction, high-end products, improvement of production process and comprehensive utilization of red mud and others.

IMPAIRMENT LOSSES ON PROPERTY, PLANT AND EQUIPMENT

INCOME TAX EXPENSES

The Group's income tax expenses for the first half of 2022 amounted to RMB1,010 million, representing a decrease of RMB237 million from RMB1,247 million for the same period of the previous year, mainly due to the effect of the relatively higher deferred income tax assets to be recognized for deductible temporary differences based on the future earnings of its subsidiaries.

ALUMINA SEGMENT

Revenue

In the first half of 2022, the operating revenue of the alumina segment of the Group amounted to RMB27,958 million, representing an increase of RMB3,715 million from RMB24,243 million in the same period of previous year, which was mainly due to the year-on-year increase of sales price of alumina.

Segment Results

The Group's total profit in the alumina segment for the first half of 2022 was RMB1,171 million, representing a decrease of RMB233 million from RMB1,404 million for the same period of the previous year, which was mainly due to the year-on-year increase of operating profit from alumina products of the Company as well as the decrease in profit incurred from the provision on asset impairment for certain production lines based on the changes from external environment during the year.

PRIMARY ALUMINUM SEGMENT

Revenue

In the first half of 2022, the operating revenue of the primary aluminum segment of the Group amounted to RMB41,928 million, representing an increase of RMB9,364 million from RMB32,564 million in the same period of previous year, which was mainly due to the year-on-year increase of sales price of electrolytic aluminum.



Segment Results

The Group's profit before income tax in the primary aluminum segment for the first half of 2022 was RMB3,911 million, representing a decrease of RMB1,881 million from RMB5,792 million for the same period of the previous year, which was mainly due to the effect of the year-on-year decrease of gross profit from electrolytic aluminum products for the year as well as the decrease in profit incurred from the expenses from resumption of work and production in Liancheng Branch for the year.

TRADING SEGMENT

Revenue

The Group's revenue from the trading segment for the first half of 2022 was RMB120,508 million, representing an increase of RMB22,571 million from RMB97,937 million for the same period of the previous year, mainly due to the effect of the year-on-year increase both in sale and price from imported coking coal, coupled with the year-on-year increase in sale and price from trading-type products, in the first half of the year.

Segment Results

The Group's profit before income tax in the trading segment for the first half of 2022 was RMB1,243 million, representing an increase in profit of RMB548 million from RMB695 million for the same period of the previous year, mainly due to the effect of the increase in profit from imported coking coal, coupled with the increase in profit from other trading-type products.

ENERGY SEGMENT

Revenue

The Group's revenue from the energy segment for the first half of 2022 was RMB4,819 million, representing an increase of RMB1,666 million from RMB3,153 million for the same period of the previous year, which was mainly due to the effect of year-on-year increase in production and sales volume of coal of the Company.

Segment Results

The Group's profit before income tax in the energy segment for the first half of 2022 was RMB1,091 million, representing an increase in profit of RMB1,524 million from RMB-433 million for the same period of the previous year, which was mainly due to the year-on-year increase in profit as a result of the year-on-year increase in production and sales volume of coal of the Company.



Non-Current Assets and Liabilities

As at 30 June 2022, the Group's non-current assets amounted to RMB137,226 million, representing a decrease of RMB6,494 million from RMB143,720 million as at the end of the previous year. This was mainly due to the impact of depreciation and amortization of long-term assets.

As at 30 June 2022, the Group's non-current liabilities amounted to RMB63,006 million, representing a decrease of RMB4,407 million from RMB67,413 million as at the end of the previous year. This was mainly due to the decrease in medium and long-term interest-bearing debts.

As at 30 June 2022, the gearing ratio of the Group was 60.01% (which was computed by dividing the total liabilities by the total assets of the Group as at 30 June 2022), representing a decrease of 2.14 percentage points from 62.15% as of the end of the previous year, which was mainly due to the decrease in interest-bearing debts of the Company.

CAPITAL EXPENDITURES, CAPITAL COMMITMENTS AND INVESTMENT UNDERTAKINGS

As of 30 June 2022, the Group's project investment expenditures (excluding equity investment) amounted to RMB2,094 million, of which: infrastructure and technological transformation investment accounted for 83.09%; resource development investment accounted for 13.66%; scientific research investment accounted for 3.25%.

As of 30 June 2022, the Group's contracted but not provided capital commitment to fixed assets investment amounted to RMB1,001 million.

As of 30 June 2022, the Group's investment undertakings to joint ventures and associates amounted to RMB442 million, comprising RMB400 million to Chinalco Overseas Development Co., Ltd.* (中鋁海外發展有限公司), RMB8 million to Loudi Zhongyu New Materials Co., Ltd.* (婁底中禹新材料有限公司), RMB28 million to Shanxi Qinlv Taiyue New Materials Co., Ltd.* (山西沁鋁太岳新材料有限公司) and RMB6 million to Chinalco Tendering Company Limited* (中鋁招標有限公司), respectively.

CASH AND CASH EQUIVALENTS

As of 30 June 2022, the Group's cash and cash equivalents amounted to RMB18,873 million.

CASH FLOWS FROM OPERATING ACTIVITIES

In the first half of 2022, the Group's cash flows generated from operating activities were net cash inflows amounting to RMB14,983 million, representing an increase of RMB5,499 million in cash inflows from RMB9,484 million of net cash inflows for the same period of the previous year. This was mainly due to the impact of the improvement in working capacity of the capital of the Company and year-on-year increase in profit.

CASH FLOWS FROM INVESTING ACTIVITIES

In the first half of 2022, the Group's cash flows generated from investing activities were net cash outflows amounting to RMB5,929 million, representing an increase of RMB292 million in cash outflows from RMB5,637 million of net cash outflows for the same period of the previous year. This was mainly due to the effect of the year-on-year increase in capital expenditures during the year, and the higher collection of external foreign investment amount in the corresponding period of last year.

CASH FLOWS FROM FINANCING ACTIVITIES

In the first half of 2022, the Group's cash flows generated from financing activities were net cash outflows amounting to RMB8,079 million, representing an increase of RMB1,761 million in cash outflows from RMB6,318 million of net cash outflows for the same period of the previous year. This was mainly attributable to the increase in repayment of borrowings.

OVERALL ANALYSIS OF EXTERNAL EQUITY INVESTMENTS

As of 30 June 2022, the Group's long-term equity investments amounted to RMB13,130 million, representing an increase of RMB142 million from RMB12,988 million as at the end of 2021, which was primarily due to the increase in the investment income recognised for share-holding enterprises.



EXCHANGE RATE FLUCTUATION RISK AND HEDGING

Certain subsidiaries of the Company have been operating import and export business for long and are exposed to the risk of exchange rate fluctuations. In order to mitigate the impact of exchange rate fluctuations on the profits of such enterprises, as considered and approved at the twenty-sixth meeting of the seventh session of the Board of the Company held on 22 March 2022, such subsidiaries were approved to carry out monetary financial derivatives business, the types of which included but were not limited to derivative businesses such as forward settlement and sale of US dollars, with a term from 1 April 2022 to 31 March 2023, and during the aforesaid term, the hedging quota of US dollar exchange rate for such subsidiaries shall not exceed US\$1,517 million.

Please refer to the relevant announcement of the Company dated 22 March 2022 for details of the above matter.

INVESTMENT OF THE COMPANY

USE OF PROCEEDS

At the 24th meeting of the seventh session of the Board of the Company held on 21 December 2021, the Company considered and approved the relevant proposals on the Company's 2021 Restricted Shares Incentive Scheme (the "**Incentive Scheme**"). The Company proposed to issue no more than 141,000,000 restricted A shares to the participants under the Incentive Scheme. Specifically, 131,000,000 shares are proposed to be granted under the First Grant, and 10,000,000 shares are reserved to be granted. On 26 April 2022, the Company considered and approved the relevant proposals on the Company's 2021 Restricted Shares Incentive Scheme at the 2022 first extraordinary general meeting, 2022 first class meeting for A shareholders and 2022 first class meeting for H shareholders.

Given that the conditions of the grant specified in the Incentive Scheme have been fulfilled, and as authorised by the 2022 first extraordinary general meeting, the 2022 first class meeting for A shareholders and the 2022 first class meeting for H shareholders, on 24 May and 25 May 2022, the 16th meeting of the seventh session of the Supervisory Committee and the 29th meeting of the seventh session of the Board of the Company were held respectively, at which the Resolution on the Relevant Matters on the Adjustment to the 2021 Restricted Shares Incentive Scheme and the Resolution on First Grant of Restricted Shares to Participants were considered and passed, pursuant to which, 25 May 2022 was approved as the grant date, and 113,438,200 Restricted A Shares were to be granted to 943 Participants at the Grant Price of RMB3.08 per share.

On 14 June 2022, the Company received the Securities Transfer Registration Certificate issued by Shanghai Branch of China Securities Depository and Clearing Corporation Limited (“**CSDC Shanghai Branch**”). The registration of the Restricted Shares under the First Grant of the Incentive Scheme of the Company has been completed as follows: 25 May 2022 was the grant date, and 112,270,300 Restricted A Shares were granted to 930 Participants at the Grant Price of RMB3.08 per share (with a par value of RMB1 per share). According to the Capital Verification Report of Aluminium Corporation of China Limited (Jonten [2022] Yan Zi No. 90027) issued by Jonten Certified Public Accountants (Limited Liability Partnership) on 1 June 2022, as of 1 June 2022, the Company has received capital contributions of RMB345,792,524.00 from 930 Participants. All proceeds under the Incentive Scheme will be used to replenish the working capital of the Company.

As of 30 June 2022, the Company has used all the proceeds and the interest received on the bank deposits in relation to the proceeds raised (approximately RMB652,300) to replenish the working capital of the Company.

For details of the above matters, please refer to the announcements of the Company dated 21 December 2021, 22 December 2021, 4 March 2022, 6 April 2022, 21 April 2022, 26 April 2022, 25 May 2022 and 14 June 2022 and the circular of the Company dated 7 March 2022, respectively.

PROJECTS FINANCED BY NON-PUBLICLY-RAISED FUNDS

During the reporting period, the Company had no material non-fund raising project investment.



For details of the above changes in directors, supervisors and senior management of the Company, please refer to the relevant announcements of the Company dated 18 March 2022, 22 March 2022, 26 April 2022, 21 June 2022 and 24 July 2022, respectively.

As at the date of this report, the directors of the eighth session of the Board, the supervisors of the eighth session of the Supervisory Committee and other senior management of the Company are as follows.

DIRECTORS

Executive Directors

Mr. Liu Jianping (Chairman, re-appointed on 21 June 2022)

Mr. Zhu Runzhou (Re-appointed on 21 June 2022)

Mr. Ou Xiaowu (Re-appointed on 21 June 2022)

Mr. Jiang Tao (Re-appointed on 21 June 2022)

Non-executive Directors

Mr. Zhang Jilong (Re-appointed on 21 June 2022)

Mr. Chen Pengjun (Appointed on 21 June 2022)

Independent Non-executive Directors

Mr. Qiu Guanzhou (Re-appointed on 21 June 2022)

Mr. Yu Jinsong (Re-appointed on 21 June 2022)

Ms. Chan Yuen Sau Kelly (Re-appointed on 21 June 2022)

SUPERVISORS

Shareholder Representative Supervisors

Mr. Ye Guohua (Chairman of the Supervisory Committee, re-appointed on 21 June 2022)

Ms. Shan Shulan (Re-appointed on 21 June 2022)

Ms. Lin Ni (Re-appointed on 21 June 2022)

Employee Representative Supervisors

Mr. Yue Xuguang (Re-appointed on 21 June 2022)

Ms. Xu Shuxiang (Appointed on 18 March 2022 and re-appointed on 21 June 2022)

OTHER SENIOR MANAGEMENT

Mr. Wu Maosen (Vice President, appointed on 21 March 2019)

Mr. Ge Xiaolei (Chief Financial Officer and Secretary to the Board, appointed on 22 March 2022;
Joint Company Secretary, appointed on 24 July 2022)

CHANGES OF POSITIONS HELD IN OTHER ENTITIES BY DIRECTORS, SUPERVISORS AND CHIEF EXECUTIVE OF THE COMPANY

During the reporting period, changes of positions held by the directors, supervisors and chief executive of the Company in other entities are as follows.

Name	Name of other entity	Position	Date of appointment	Date of termination
Ou Xiaowu	China Aluminum International Engineering Corporation Limited*	Supervisor	30 June 2011	8 April 2022
Yu Jinsong	Zhongshan Broad-Ocean Motor Co., Ltd.	Independent director	11 August 2015	28 June 2022
Lin Ni	China Aluminum International Engineering Corporation Limited*	Supervisor	8 April 2022	–

Notes:

1. On 8 April 2022, the first extraordinary general meeting of China Aluminum International Engineering Corporation Limited* ("**China Aluminum International**") for 2022 was held, at which the supervisors of the fourth session of the supervisory committee were elected. Mr. Ou Xiaowu retired as a supervisor of China Aluminum International due to the expiry of his term of office; Ms. Lin Ni was elected as a supervisor of the fourth session of the supervisory committee of China Aluminum International.
2. On 28 June 2022, the 2021 annual general meeting of Zhongshan Broad-Ocean Motor Co., Ltd. ("**Broad-Ocean Motor**") was held, at which the directors of sixth session of the board of directors were elected and Mr. Yu Jinsong retired as an independent director of Broad-Ocean Motor due to the expiry of his term of office.

EMPLOYEES, PENSION PLANS AND WELFARE FUND

As of 30 June 2022, the Group had 57,654 employees. In the first half of 2022, the Group had paid remunerations of approximately RMB4,170 million in total to its employees. The remuneration package of the employees includes salaries, bonuses, allowances, subsidies and welfare benefits including medical care, housing subsidies, childbirth, unemployment, work-related injury, pension and other miscellaneous items.

In accordance with the applicable regulations of the PRC, the Company has participated in various pension plans organized by relevant provincial and municipal governments, under which the Company and its subsidiaries are required to contribute an amount equivalent to a specified percentage of the sum of its employees' salaries, bonuses and various allowances to the pension fund. The percentage of such contributions in the employee payroll is around 16%.

The Company works closely with its employees to provide them with a fair working environment. The Company attaches great importance to the development of its employees and provides them with various training opportunities including internal trainings and courses offered by professional organizations, so as to keep them abreast of the latest development in the market, industry and various businesses.

In order to further improve the corporate governance structure, establish a sustainable and stable incentive and restraint mechanism, bring sustainable returns to shareholders, build a community of shared interests among shareholders, the Company and employees, fully mobilize the enthusiasm of core employees, support the Company's strategy and long-term steady development, attract, retain and motivate excellent talents, and advocate the concept of common sustainable development of the Company and employees, the Company adopted the 2021 Restricted Share Incentive Scheme and completed the registration for the First Grant of 112,270,300 restricted A shares to 930 Participants, including directors, senior management, middle-level management and core technological (business) backbone of the Company in June 2022. For details, please refer to the section headed "Investment of the Company".

STRUCTURE AND CHANGE OF SHARE CAPITAL AND PARTICULARS OF SHAREHOLDERS

SHARE CAPITAL STRUCTURE

Aluminum Corporation of China (“**Chinalco**”) is the single largest shareholder of the Company, which directly held 5,050,376,970 A shares of the Company as of 30 June 2022, representing approximately 29.47% of total issued share capital of the Company, and together with its subsidiaries held an aggregate of 5,295,895,019 A shares and 178,590,000 H shares of the Company, representing approximately 31.95% of total issued share capital of the Company.

As of 30 June 2022, the share capital structure of the Company was as follows:

	As of 30 June 2022	
	Number of shares held (In million)	Percentage of issued share capital (%)
A shares	13,190.98	76.98
Including: Tradable shares not subject to trading moratorium	13,078.71	76.33
Shares subject to trading moratorium	112.27	0.65
H shares	3,943.97	23.02
Total	17,134.94	100.00

According to the publicly available information and to the best knowledge of the Company’s directors, as of 30 June 2022, the share capital structure of the Company can maintain a sufficient public float and is in compliance with the requirement of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited (the “**Hong Kong Listing Rules**”).

SUBSTANTIAL SHAREHOLDERS WITH SHAREHOLDING OF 5% OR MORE

So far as the directors of the Company are aware, as of 30 June 2022, the following persons (other than the directors, supervisors and president (chief executive) of the Company) had interests or short positions in the shares or underlying shares of the Company which would fall to be disclosed under the provisions of Divisions 2 and 3 of Part XV of the Securities and Futures Ordinance of Hong Kong or which were recorded in the register required to be kept by the Company pursuant to Section 336 of the Securities and Futures Ordinance of Hong Kong, or as otherwise notified to the Company and the Hong Kong Stock Exchange.

Name of substantial shareholder	Class of shares	Number of shares held	Capacity	Percentage in the relevant class of issued share capital	Percentage in total issued share capital
Chinalco	A shares	5,295,895,019(L) ^{Note1}	Beneficial owner/interests of controlled corporations	40.15%(L)	30.91%(L)
	H shares	178,590,000(L) ^{Note1}	Interests of controlled corporations	4.53%(L)	1.04%(L)
UBS Group AG	H shares	381,136,481(L) ^{Note2}	Interests of controlled corporations	9.66%(L)	2.22%(L)
		194,607,259(S) ^{Note2}	Interests of controlled corporations	4.93%(S)	1.14%(S)
BlackRock, Inc.	H shares	265,795,130(L) ^{Note3}	Interests of controlled corporations	6.74%(L)	1.55%(L)
		11,028,000(S) ^{Note3}	Interests of controlled corporations	0.28%(S)	0.06%(S)
Atlas OCM Holdings LLC	H shares	202,144,996(L) ^{Note4}	Interests of controlled corporations	5.13%(L)	1.18%(L)
Karsh Bruce Allen	H shares	202,144,996(L) ^{Note4}	Interests of controlled corporations	5.13%(L)	1.18%(L)
Marks Howard Stanley	H shares	202,144,996(L) ^{Note4}	Interests of controlled corporations	5.13%(L)	1.18%(L)
Oaktree Capital Group Holdings GP, LLC	H shares	202,144,996(L) ^{Note4}	Interests of controlled corporations	5.13%(L)	1.18%(L)
Oaktree Capital Group Holdings, L.P.	H shares	202,144,996(L) ^{Note4}	Interests of controlled corporations	5.13%(L)	1.18%(L)



Name of substantial shareholder	Class of shares	Number of shares held	Capacity	Percentage in the relevant class of issued share capital	Percentage in total issued share capital
Oaktree Capital Management GP LLC	H shares	202,144,996(L) ^{Note 4}	Interests of controlled corporations	5.13%(L)	1.18%(L)
Oaktree Capital Management, L.P.	H shares	202,144,996(L) ^{Note 4}	Investment manager	5.13%(L)	1.18%(L)
Brown Brothers Harriman & Co.	H shares	198,430,947(L)	Approved lending agent	5.03%(L)	1.16%(L)
		198,430,947(P)	Approved lending agent	5.03%(P)	1.16%(P)

(L) The letter “L” denotes a long position. (S) The letter “S” denotes a short position. (P) The letter “P” denotes a lending pool.

The information of H shareholders is based on the disclosure of interests system of the Hong Kong Stock Exchange.

Notes:

- These interests included 5,050,376,970 A shares directly held by Chinalco, and an aggregate interest of 245,518,049 A shares and 178,590,000 H shares held by various controlled subsidiaries of Chinalco, comprising 238,377,795 A shares held by Baotou Aluminum (Group) Co., Ltd.* (包頭鋁業(集團)有限責任公司) (“**Baotou Aluminum Group**”), 7,140,254 A shares held by Chinalco Asset Operation and Management Co., Ltd* (中鋁資產經營管理有限公司) (“**Chinalco Asset**”, the A shares of the Company held by Chinalco Asset were previously held by Chinalco Shanxi Aluminum Co., Ltd.* (中鋁山西鋁業有限公司) (“**Shanxi Aluminum**”), which transferred such shares to Chinalco Asset in March 2022) and 178,590,000 H shares held by Aluminum Corporation of China Overseas Holdings Limited* (中鋁海外控股有限公司) (“**Chinalco Overseas Holdings**”).
- These interests were held by various corporations controlled by UBS Group AG. Among the aggregate interests in the long position in H shares, 261,229,616 H shares were held as derivatives; among the aggregate interests in the short position in H shares, 132,434,766 H shares were held as derivatives.
- These interests were held by various corporations controlled by BlackRock, Inc.. Among the aggregate interests in the long position in H shares, 122,000 H shares were held as derivatives; among the aggregate interests in the short position in H shares, 11,028,000 H shares were held as derivatives.
- These holders of the interests were in a controlling relationship and were interested in the same group of H shares.

Save as disclosed above and so far as the directors of the Company are aware, as of 30 June 2022, no other person (other than the directors, supervisors and president (chief executive) of the Company) had any interest or short position in the shares or underlying shares of the Company (as the case may be) which would fall to be disclosed to the Company and the Hong Kong Stock Exchange under the provisions of Divisions 2 and 3 of Part XV of the Securities and Futures Ordinance of Hong Kong and as recorded in the register required to be kept under Section 336 of the Securities and Futures Ordinance of Hong Kong, or was otherwise a substantial shareholder of the Company.

CHANGES IN SHARES

On 13 June 2022, the registration procedures for the First Grant of shares under the 2021 Restricted Share Incentive Scheme were completed. The Certificate of Registration of Change in Securities was issued by the CSDC Shanghai Branch, and the number of shares under the First Grant was 112,270,300 shares. Upon completion of the grant, the total share capital of the Company was changed from 17,022,672,951 shares to 17,134,943,251 shares. For details of the matters, please refer to the announcement of the results of the First Grant of the 2021 Restricted Share Incentive Scheme of the Company dated 14 June 2022.

Before and after the change, the share capital of the Company was as follows:

	Before the change		Changes Issuance of new shares	After the change	
	Number	Proportion (%)		Number	Proportion (%)
I. Shares subject to trading moratorium	–	–	112,270,300	112,270,300	0.65
II. Tradable shares not subject to trading moratorium					
1. RMB denominated ordinary shares	13,078,706,983	76.83	–	13,078,706,983	76.33
2. Overseas listed foreign invested shares	3,943,965,968	23.17	–	3,943,965,968	23.02
III. Total shares	17,022,672,951	100.00	112,270,300	17,134,943,251	100.00

APPROVAL OF CHANGES IN SHARES

On 20 April 2022, the Company received the “Approval on the Implementation of the Restricted Share Incentive Scheme by Aluminum Corporation of China Limited*” (Guo Zi Kao Fen [2022] No. 157) from the State-owned Assets Supervision and Administration Commission of the State Council (the “SASAC”). The SASAC approved the implementation of the restricted share incentive scheme by the Company in principle. On 26 April 2022, the Company considered and approved the relevant proposals on the 2021 Restricted Share Incentive Scheme at the 2022 first extraordinary general meeting, the 2022 first class meeting for A shareholders and the 2022 first class meeting for H shareholders. On 13 June 2022, the registration procedures for the First Grant of shares under the 2021 Restricted Share Incentive Scheme were completed, and the Certificate of Registration of Change in Securities was issued by the CSDC Shanghai Branch.

For details of the above matters, please refer to the relevant announcements of the Company dated 21 April 2022, 26 April 2022 and 14 June 2022, respectively.

TOTAL NUMBER OF SHAREHOLDERS AT THE END OF THE REPORTING PERIOD

As of 30 June 2022, the Company had 603,855 holders of A shares and H shares in total.

SHAREHOLDINGS OF TOP TEN SHAREHOLDERS

Unit: shares

Name of shareholders (in full)	Number of shares held at the end of the reporting period	Class of shares	Percentage of shareholding (%)	Changes in shares during the reporting period
Aluminum Corporation of China ^{Note 1}	5,050,376,970	A shares	29.47	0
Hong Kong Securities Clearing Company Limited (H shares) ^{Note 2}	3,934,583,479	H shares	22.96	101,052
Huarong Ruitong Equity Investment Management Co., Ltd.* (華融瑞通股權投資管理有限公司)	660,019,327	A shares	3.85	0
China Life Insurance Company Limited* (中國人壽保險股份有限公司)	558,793,900	A shares	3.26	0

Name of shareholders (in full)	Number of shares held at the end of the reporting period	Class of shares	Percentage of shareholding (%)	Changes in shares during the reporting period
China Securities Finance Corporation Limited* (中國證券金融股份有限公司)	448,284,993	A shares	2.62	0
Baotou Aluminum (Group) Co., Ltd.* (包頭鋁業(集團)有限責任公司)	238,377,795	A shares	1.39	0
Hong Kong Securities Clearing Company Limited (A shares)	208,495,932	A shares	1.22	-215,141,381
Shenzhen Zhaoping Chalco Investment Center LLP* (深圳市招平中鋁投資中心(有限合夥))	86,024,384	A shares	0.50	0
ICBC Credit Suisse Fund – Agricultural Bank – ICBC Credit Suisse China Securities and Financial Assets Management Program*	47,256,150	A shares	0.27	0
China Southern Fund – Agricultural Bank – China Southern China Securities and Financial Assets Management Program*	826,310,224,384	A shares	0.27	0

INTERESTS IN SHARES HELD BY DIRECTORS, CHIEF EXECUTIVE AND SUPERVISORS

As of 30 June 2022, the interests held by the directors and president (chief executive) of the Company were as follows:

1. Mr. Zhu Runzhou, an executive director and president of the Company, directly held 270,000 A shares of the Company.
2. Mr. Ou Xiaowu, an executive director of the Company, directly held 250,000 A shares of the Company.
3. Mr. Jiang Tao, an executive director and vice president of the Company, directly held 230,000 A shares of the Company; his spouse, Ms. Shi Biqiong, directly held 4,000 A shares of the Company. Pursuant to the Securities and Futures Ordinance of Hong Kong, Mr. Jiang Tao is deemed to be interested in the 4,000 A shares of the Company held by Ms. Shi Biqiong.

Name	Position in the Company	Nature of interests	A Shares held in the Company	Percentage in total issued share capital of the Company
Zhu Runzhou	Executive Director, President	Beneficial owner	270,000 shares	0.0020%
Ou Xiaowu	Executive Director	Beneficial owner	250,000 shares	0.0019%
Jiang Tao	Executive Director, Vice President	Beneficial owner Spouse's interests	230,000 shares 4,000 shares	0.0017% 0.000030%
Total	/	/	754,000 shares	0.0057%

The above interests beneficially owned by Mr. Zhu Runzhou, Mr. Ou Xiaowu and Mr. Jiang Tao are all interests granted to them under the 2021 Restricted Share Incentive Scheme of the Company.

Save as disclosed above, as at 30 June 2022, none of the directors, supervisors or their respective associates had any interests or short positions in the shares, underlying shares or debentures of the Company or its associated corporations (within the meaning of the Securities and Futures Ordinance of Hong Kong), which were (a) required to be notified to the Company and the Hong Kong Stock Exchange pursuant to Divisions 7 and 8 of Part XV of the Securities and Futures Ordinance of Hong Kong; or (b) required to be recorded in the register kept by the Company pursuant to Section 352 of the Securities and Futures Ordinance of Hong Kong; or (c) required to be notified to the Company and the Hong Kong Stock Exchange pursuant to the Model Code for Securities Transactions by Directors of Listed Issuers.

Save as disclosed above, Mr. Wu Maoshen, a vice president of the Company, was granted 260,000 A shares of the Company under the 2021 Restricted Share Incentive Scheme of the Company. Otherwise, for the six months ended 30 June 2022, none of the directors, supervisors, president (chief executive), senior management of the Company or their spouses or children under the age of 18 was granted the right to acquire any shares, underlying shares or debentures of the Company or any of its associated corporations (within the meaning of the Securities and Futures Ordinance of Hong Kong).

REPURCHASE, SALE AND REDEMPTION OF THE COMPANY'S SHARES

Neither the Company nor its subsidiaries purchased or sold any shares of the Company during the six months ended 30 June 2022. The Company did not redeem any of its shares during the reporting period.

CHARGE AND PLEDGES ON GROUP ASSETS

As of 30 June 2022, the Group's assets charged and pledged for bank borrowings included property, plant and equipment, land use right, intangible assets and investment in associates, accounts receivable and notes receivable. The aggregate amount of the charged assets was RMB7,309 million. In the meantime, the Group also obtained certain bank borrowings by pledging its contractual rights to charge users for electricity generated and investment in subsidiaries. For details, please refer to Note 11 to the financial statements.



GUARANTEES

As of 30 June 2022, the Company had no external guarantees (excluding guarantees provided to subsidiaries), and the balance of guarantees provided to subsidiaries amounted to approximately RMB13,091 million, details of which are as follows:

1. As of 30 June 2022, the balance of the guarantee mutually provided between Chalco Ningxia Energy Group Co., Ltd., a controlled subsidiary of the Company, and its subsidiaries amounted to RMB1,344.34 million.
2. In July 2021, the Company provided guarantee for three-year senior bonds of USD500 million and five-year senior bonds of USD500 million issued by Chalco Hong Kong Investment Company Limited (“**Chalco Hong Kong Investment**”), respectively. As of 30 June 2022, the balance of the guarantee provided by the Company to Chalco Hong Kong Investment amounted to USD1,000 million (equivalent to approximately RMB6,711.4 million).
3. In March 2017, Baotou Aluminum Co., Ltd. (“**Baotou Aluminum**”) entered into a maximum financial guarantee agreement (《最高額保證合同》) with Baotou Branch of Shanghai Pudong Development Bank, pursuant to which Baotou Aluminum would provide guarantee in respect of financing up to RMB2,000 million in total for its controlled subsidiary, Inner Mongolia Huayun New Materials Co., Ltd.* (內蒙古華雲新材料有限公司) (“**Inner Mongolia Huayun**”). The guarantee period was two years from the date of expiry of the term for repayment of each loan under the principal contract. As of 30 June 2022, the balance of the guarantee provided by Baotou Aluminum to Inner Mongolia Huayun amounted to RMB568.75 million.
4. In August 2018, China Aluminum International Trading Co., Ltd. (“**Chalco Trading**”) entered into a guarantee contract with Dalian Commodity Exchange, pursuant to which Chalco Trading

6. In December 2021, China Aluminum Logistics Group Corporation Co., Ltd (“**Chalco Logistics**”) entered into a guarantee contract with Shanghai Futures Exchange, pursuant to which Chalco Logistics would provide guarantee for its controlled subsidiary Chalco Logistics Group Central International Port Co., Ltd.* (中鋁物流集團中部國際陸港有限公司) (“**Central Port**”) by its net assets. As of 30 June 2022, the balance of the guarantee provided by Chalco Logistics to Central Port amounted to RMB1,100 million.
7. In August 2020, the Company provided guarantee for the bank loans of Boffa Port Investment Co., Ltd. (博法港口投資有限公司) (“**Boffa Port**”), a subsidiary of the Company. As of 30 June 2022, the balance of the guarantee provided by the Company to Boffa Port amounted to RMB224.4 million.
8. In May 2021, Chalco International Trading Group Co., Ltd. (“**Chalco International Trading Group**”) entered into a guarantee contract with Zhengzhou Commodity Exchange, pursuant to which Chalco Trading Group would provide guarantee for its controlled subsidiary Inner Mongolian Trading by its net assets. As of 30 June 2022, the balance of the guarantee provided by Chalco Trading Group to Inner Mongolian Trading amounted to RMB2,265.25 million.

CORPORATE GOVERNANCE

The Articles of Association, the Rules of Procedures for the Shareholders’ Meetings of Aluminum Corporation of China Limited (the “**Rules of Procedures for the Shareholders’ Meetings**”), the Rules of Procedures for the Board Meetings of Aluminum Corporation of China Limited (the “**Rules of Procedures for the Board Meetings**”), the Rules of Procedures for the Meetings of the Supervisory Committee of Aluminum Corporation of China Limited (the “**Rules of Procedures for the Meetings of the Supervisory Committee**”), the detailed implementation rules for the special committees under the Board, the Code of Conduct for Securities Dealings by Directors, Supervisors and Specific Employees and other relevant systems of the Company constitute the framework for the codes on corporate governance of the Company. The Board has reviewed its corporate governance documents, and is of the view that such documents have incorporated the principles and code provisions in the Code on Corporate Governance Practices (the “**CG Code**”) as set out in Appendix 14 to the Hong Kong Listing Rules and the requirements under the Guidelines of the Shanghai Stock Exchange for Internal Control of Listed Companies (the “**Internal Control Guidelines**”). During the reporting period, the Board is of the view that the Company has complied with the code provisions of the CG Code and the requirements under the Internal Control Guidelines.



CODE OF CONDUCT FOR SECURITIES TRANSACTIONS BY THE DIRECTORS, SUPERVISORS AND RELEVANT EMPLOYEES

The Board of the Company has formulated written guidelines on securities transactions by the directors, supervisors and relevant employees of the Company, the terms of which are more stringent than the required standards set out in the Model Code under Appendix 10 of the Hong Kong Listing Rules and the Rules Governing the Listing of Stocks on the Shanghai Stock Exchange. After a specific enquiry made by the Company, all directors, supervisors and relevant employees have confirmed their compliance with the required standards set out in the written guidelines.

THE BOARD AND ITS COMMITTEES, SUPERVISORY COMMITTEE AND GENERAL MEETING

THE BOARD

During the reporting period, the seventh session of the Board of the Company comprised four executive directors, namely Mr. Liu Jianping, Mr. Zhu Runzhou, Mr. Ou Xiaowu and Mr. Jiang Tao; two non-executive directors, namely Mr. Zhang Jilong and Mr. Wang Jun; and three independent non-executive directors, namely Mr. Qiu Guanzhou, Mr. Yu Jinsong and Ms. Chan Yuen Sau Kelly.

In view of the expiry of the term of office of the seventh session of the Board of the Company in June 2022, as considered and approved at the 28th meeting of the seventh session of the Board of the Company held on 26 April 2022 and the 2021 annual general meeting held on 21 June 2022, the members of the eighth session of the Board of the Company were elected, in particular, Mr. Wang Jun, a former non-executive director of the Company, retired due to the expiry of his term of office, Mr. Chen Pengjun was elected as a non-executive director of the eighth session of the Board of the Company, and other directors were all re-elected.

On 21 June 2022, the 1st meeting of the eighth session of the Board of the Company was held, at which Mr. Liu Jianping was elected as the chairman of the eighth session of the Board of the Company; at the same time, the composition of the special committees under the eighth session of the Board was considered and approved, as follows:

1. Nomination Committee: comprising Mr. Liu Jianping, Mr. Zhu Runzhou, Mr. Qiu Guanzhou, Mr. Yu Jinsong and Ms. Chan Yuen Sau Kelly, with Mr. Yu Jinsong serving as the chairman of the committee.
2. Remuneration Committee: comprising Mr. Zhang Jilong, Mr. Qiu Guanzhou and Mr. Yu Jinsong, with Mr. Qiu Guanzhou serving as the chairman of the committee.
3. Audit Committee: comprising Mr. Qiu Guanzhou, Mr. Yu Jinsong and Ms. Chan Yuen Sau Kelly, with Ms. Chan Yuen Sau Kelly serving as the chairman of the committee.
4. Development and Planning Committee: comprising Mr. Liu Jianping, Mr. Zhu Runzhou, Mr. Zhang Jilong, Mr. Chen Pengjun and Mr. Qiu Guanzhou, with Mr. Liu Jianping serving as the chairman of the committee.
5. Occupational Health & Safety and Environment Committee: comprising Mr. Zhu Runzhou, Mr. Ou Xiaowu and Mr. Jiang Tao, with Mr. Zhu Runzhou serving as the chairman of the committee.

In the first half of 2022, six meetings were held by the Board of the Company, of which 4 were physical meetings, and 2 were telecommunication meetings:

Time of Meeting	Meeting	Type of Meeting
2022.01.27	The 25th meeting of the seventh session of the Board	Telecommunication meeting
2022.03.22	The 26th meeting of the seventh session of the Board	Physical meeting
2022.04.06	The 27th meeting of the seventh session of the Board	Telecommunication meeting
2022.04.26	The 28th meeting of the seventh session of the Board	Physical meeting
2022.05.25	The 29th meeting of the seventh session of the Board	Physical meeting
2022.06.21	The 1st meeting of the eighth session of the Board	Physical meeting

A total of 41 resolutions were considered and approved at the above six meetings and the resolutions cover regular reports of the Company, annual social responsibility report, annual assessment report on internal control, audit report on internal control, annual profit distribution proposal, annual operating and investment plans, annual financing and bond issuance plans, provision of guarantees for subsidiaries, annual remuneration standards for the Company's directors, supervisors and senior management, re-appointment of auditors, restricted share incentive scheme, nomination of candidates for directors of the Company, election of the chairman of the Board of the Company and appointment of members of the respective special committees under the Board, etc.



AUDIT COMMITTEE

During the reporting period, the Audit Committee under the Board of the Company consisted of three independent non-executive directors, namely Mr. Qiu Guanzhou, Mr. Yu Jinsong and Ms. Chan Yuen Sau Kelly. Ms. Chan Yuen Sau Kelly served as the chairman of the committee.

The Audit Committee of the Board and the management of the Company have reviewed the accounting standards and norms adopted by the Group and discussed the matters related to auditing, internal control, risk management and financial statements, including review of the unaudited condensed consolidated interim financial report for the six months ended 30 June 2022.

In the first half of 2022, four meetings were held by the Audit Committee with 21 resolutions being considered and approved, including the audit report and the audited financial report for the year 2021, the work report on internal control for the year 2021, the internal control eR.5 aluans b2 ()0.5 (report)3
AUDNOMINATIONMMITTEE

In the first half of 2022, two meetings were held by the Remuneration Committee of the Board, at which the resolutions in relation to the formulation of remuneration standards for directors, supervisors and senior management of the Company for the year 2022 and the formulation of Administrative Measures for Performance Appraisal and Remuneration Distribution for Senior



SIGNIFICANT EVENTS

1. CORPORATE GOVERNANCE

The Company has strictly complied with the requirements of the Company Law of the People's Republic of China, the Securities Law of the People's Republic of China, relevant provisions of the China Securities Regulatory Commission (the "**CSRC**"), the Rules Governing the Listing of Stocks on Shanghai Stock Exchange and the Hong Kong Listing Rules, and seriously performed its governance obligations in line with the relevant requirements of the CSRC. The Company has also strictly complied with the requirements of the Hong Kong Listing Rules in relation to corporate governance.

The Company will stay in strict compliance with the requirements of the regulatory bodies including the CSRC, Beijing Securities Regulatory Bureau, the SSE and the Hong Kong Stock Exchange. Through regulatory compliance and strict self-regulation, the Company will continuously improve its various corporate governance systems to further enhance its corporate governance level and internal control system, aiming at protecting the interest of its shareholders, as well as bring returns to the shareholders through high-quality development results of the Company. The Company will also continue to comply with the requirements on corporate governance under the Hong Kong Listing Rules.

Since its incorporation, the Company has been completely separated from its controlling shareholder in terms of business, personnel, assets and finance. The Company has independent and comprehensive business and has the ability to operate on its own.

2. DISTRIBUTION OF FINAL DIVIDEND FOR THE YEAR 2021

As audited, the net profit of the financial statements of the parent company for the year 2021 was approximately RMB2,546 million. As considered and approved at the 26th meeting of the seventh session of the Board of the Company held on 22 March 2022, the Company proposed to pay cash dividends to the shareholders at RMB0.032 per share (tax inclusive), with a total dividend payout of approximately RMB545 million. On 13 June 2022, the registration of the First Grant of shares under the 2021 Restricted Share Incentive Scheme of the Company was completed and the total share capital of the Company changed. The Company adjusted the dividend payout amount per share from RMB0.032 (tax inclusive) to RMB0.0318 (tax inclusive) based on the total share capital after the change and made an announcement in this regard on 14 June 2022. On 21 June 2022, the aforesaid dividend payment plan was considered and approved at the 2021 annual general meeting of the Company.

The Company has completed the payment of the final dividend for 2021 on 19 August 2022.

3. MATERIAL LITIGATION AND ARBITRATION AND CONTINGENT LIABILITIES

During the reporting period, the Company had no material litigation, arbitration, or material contingent liabilities. For details, please refer to the section headed “Contingent Liabilities in Note 22 to Unaudited Interim Condensed Consolidated Financial Statements” in this report.

4. CONNECTED TRANSACTIONS

Non-Exempted Continuing Connected Transactions

Set out below are the annual caps for the non-exempted continuing connected transactions of the Group and the actual transaction amounts incurred by the Group as of 30 June 2022:

	Aggregated consideration (as of 30 June 2022) <i>(in RMB million)</i>	Annual cap for the year 2022 <i>(in RMB million)</i>
Purchases of goods or services:		
(A) Comprehensive Social and Logistics Services Agreement (Counterparty: Chinalco)	160.63	500
(B) General Agreement on Mutual Provision of Production Supplies and Ancillary Services (Counterparty: Chinalco)	5,587.46	15,400
(C) Mineral Supply Agreement (Counterparty: Chinalco)	222.27	400
(D) Provision of Engineering, Construction and Supervisory Services Agreement (Counterparty: Chinalco)	204.41	6,000
(E) Land Use Rights Leasing Agreement (Counterparty: Chinalco)	737.28	1,500
(F) Fixed Assets Leases Framework Contract (Counterparty: Chinalco)	39.35	320

	Aggregated consideration (as of 30 June 2022) <i>(in RMB million)</i>	Annual cap for the year 2022 <i>(in RMB million)</i>
(G) Financial Services Agreement (Counterparty: Chinalco Finance Co., Ltd.* (中鋁財務有限責任 公司))		
Daily cap of deposit balance (including accrued interest)	11,992.61	Daily cap of maximum deposit balance of 12,000
Daily cap of loan balance (including accrued interest)	2,973.00	Daily cap of maximum loan balance of 15,000
Other financial services	0.05	40
(H) Finance Lease Agreement (Counterparty: Chinalco Finance Lease Co., Ltd.* (中鋁融資租 賃有限公司))		
Direct leasing	–	1,500
Leaseback	391.00	1,000
(I) Factoring Cooperation Agreement (Counterparty: Chinalco Commercial Factoring (Tianjin) Co., Ltd.* (中鋁商業保理(天津)有限公司))	–	1,000
Sales of goods or services:		
(B) General Agreement on Mutual Provision of Production Supplies and Ancillary Services (Counterparty: Chinalco)	16,852.05	37,100
(F) Fixed Assets Leases Framework Agreement (Counterparty: Chinalco)	12.07	300

During the reporting period, the aforesaid continuing connected transactions have been performed in accordance with relevant agreements as announced. The continuing connected transactions of the Group are mainly the transactions between the Group and Chinalco.



Non-Exempted One-off Connected Transactions

(1) The adoption of the 2021 Restricted Share Incentive Scheme of the Company and grant of restricted A shares to connected persons under the Incentive Scheme

On 21 December 2021, the 24th meeting of the seventh session of the Board of the Company considered and approved the relevant proposals on the Company's 2021 Restricted Share Incentive Scheme. The Company proposed to issue no more than 141,000,000 restricted A shares to the participants. Specifically, 131,000,000 shares are proposed to be granted under the first grant, and 10,000,000 shares are reserved to be granted. On 26 April 2022, at the 2022 first extraordinary general meeting, the 2022 first class meeting for A shareholders and the 2022 first class meeting for H shareholders, the resolutions in relation to the 2021 Restricted Share Incentive Scheme of the Company were considered and passed.

In view of the fulfillment of the conditions for grant under the Incentive Scheme, as authorised by the 2022 first extraordinary general meeting, the 2022 first class meeting for A shareholders and the 2022 first class meeting for H shareholders, the Company convened the 16th meeting of the seventh session of the Supervisory Committee and the 29th meeting of the seventh session of the Board on 24 May and 25 May 2022 respectively, at which the Resolution in relation to Relevant Matters on the Adjustment to the 2021 Restricted Share Incentive Scheme of the Company and the Resolution in relation to First Grant of Restricted Shares to Participants were considered and passed, which approved the grant of 113,438,200 restricted A shares to 943 participants at a grant price of RMB3.08 per share with 25 May 2022 as the grant date.

On 14 June 2022, the Company received the Securities Transfer Registration Certificate issued by the CSDC Shanghai Branch, and the registration of the restricted shares first granted under the incentive scheme of the Company was completed. The First Grant was registered as follows: 25 May 2022 is the grant date and 112,270,300 restricted A shares were granted to 930 participants at a grant price of RMB3.08 per share.

The Incentive Scheme does not constitute a share option scheme under Chapter 17 of the Hong Kong Listing Rules. Certain participants under the First Grant are connected participants and are connected persons of the Company. The grant of restricted A shares to the connected participants under the Incentive Scheme will constitute a connected transaction of the Company under Chapter 14A of the Hong Kong Listing Rules and is subject to the reporting, announcement and independent shareholders' approval requirements under the Hong Kong Listing Rules. Under the First Grant, the Company granted a total of 6,126,500 restricted A shares to 30 connected persons.

For details of the above matters, please refer to the announcements of the Company dated 21 December 2021, 22 December 2021, 4 March 2022, 6 April 2022, 21 April 2022, 26 April 2022, 25 May 2022 and 14 June 2022 and the circular dated 7 March 2022, respectively.


(2) *Non-exercise of the option in respect of the transfer of the 50% equity interest in Inner Mongolia Huayun*

On 25 May 2022, at the 29th meeting of the seventh session of the Board of the Company, the Resolution in relation to the Transaction of 50% Equity Interest in Inner Mongolia Huayun New Materials Co., Ltd. was considered and passed, pursuant to which, it was agreed that Baotou Aluminum, a wholly-owned subsidiary of the Company, would not exercise the option in respect of 50% equity interest in Inner Mongolia Huayun to be transferred by Baotou Communications Investment Group Limited Company ("**Baotou Communications Group**") to Chinalco.

As Inner Mongolia Huayun is a significant subsidiary of the Company and Baotou Communications Group directly holds 50% equity interest in Inner Mongolia Huayun. Therefore, Baotou Communications Group is a connected person of the Company at the subsidiary level under Chapter 14A of the Hong Kong Listing Rules and the non-exercise of option constitutes a connected transaction under Chapter 14A of the Hong Kong Listing Rules.

As the highest applicable percentage ratio in respect of the transaction exceeds 1% but is less than 5%, it is subject to the relevant reporting and announcement requirements under Chapter 14A of the Hong Kong Listing Rules but exempt from the independent shareholders' approval requirement.

Please refer to the announcement of the Company dated 25 May 2022 for details of the above matter.



So far as the Company understood, Baotou Communications Group and Chinalco formally entered into an equity transfer agreement on 2 August 2022 in respect of the transfer of 50% equity interest in Inner Mongolia Huayun.

5. PERFORMANCE OF UNDERTAKINGS

There were no outstanding undertakings during the reporting period.

6. OTHER SIGNIFICANT EVENTS

(1) Change of accounting policy

- (i) At the 26th meeting of the seventh session of the Board of the Company held on 22 March 2022, the Resolution in relation to the Proposed Change of Accounting Policy by the Company was considered and approved, pursuant to which, the Board approved to carry forward the transportation costs related to the transportation activities for the purpose of fulfilling the revenue contract into the item of “cost of sales” in the income statement by the Company since 2021, when the revenue of goods and services is recognized, instead of “selling expenses” onwards. Retrospective adjustments will be made to previous years’ data in accordance with the requirements related to change of accounting policy under the accounting standards.

The change of accounting policy of the Company will affect the reclassification between items in the income statement, which will not have material impact on the Company’s financial position, operating results and cash flow.

Please refer to the announcement of the Company dated 22 March 2022 for details of the above matter.

- (ii) At the fourth meeting of the eighth session of the Board the Company held on 23 August 2022, the Resolution on the Proposed Change in Accounting Policy of the Company was considered and passed, pursuant to which, the Company was approved to, from 2022 onwards, account for the revenue and costs realised from the external sales of products or by-products produced before the fixed assets reach their intended useable state in the profit or loss for the current period respectively, and the value of fixed assets shall no longer be written down. Retrospective adjustment to the data for the prior years shall be made in accordance with the relevant requirements of the accounting standards.

The change in accounting policy will have no material impact on the Company's financial indicators including assets, liabilities, equity and profit.

Please refer to the Company's announcement dated 23 August 2022 for details of the above matter.



(2) Amendments to the Articles of Association, the Rules of Procedures for Shareholders' Meeting and the Rules of Procedures for the Board Meeting

In accordance with the latest revised Guidelines on the Articles of Association of Listed Companies (Revised 2022), the Rules Governing the Listing of Stocks on the Shanghai Stock Exchange (Revised January 2022), the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited as amended from time to time and other relevant laws, regulations and normative documents, taking into account the actual situation of the Company, the Board proposed to make amendments to the Articles of Association, the Rules of Procedures for Shareholders' Meeting and the Rules of Procedures for the Board Meeting.

At the first meeting of the eighth session of the Board of the Company held on 21 June 2022, the Resolution in relation to the Amendments to the Articles of Association of the Aluminum Corporation of China Limited, the Resolution in relation to the Amendments to the Rules of Procedures for Shareholders' Meeting of Aluminum Corporation of China Limited and the Resolution in relation to the Amendments to the Rules of Procedures for the Board Meeting of Aluminum Corporation of China Limited were considered and passed.

For details of the amendments to the Articles of Association, the Rules of Procedures for Shareholders' Meeting and the Rules of Procedures for the Board Meeting, please refer to the announcement of the Company dated 21 June 2022 and the circular of the Company dated 12 August 2022.

The proposed amendments to the Articles of Association, the Rules of Procedures for Shareholders' Meeting and the Rules of Procedures for the Board Meeting shall be subject to the consideration and approval at the general meeting of the Company.

(3) Major and connected transaction in respect of acquisition of 19% equity interests in Yunnan Aluminum Co., Ltd. (雲南鋁業股份有限公司) (“**Yunnan Aluminum**”)

At the second meeting of the eighth session of the Board of the Company held on 24 July 2022, the Resolution in relation to the Proposed Acquisition of 19% Equity Interests in Yunnan Aluminum Co., Ltd. by the Company was considered and passed, which approved the entering into of the shares transfer agreement between the Company and Yunnan Metallurgical Group Co., Ltd. (雲南冶金集團股份有限公司) (“**Yunnan Metallurgical**”), pursuant to which, the Company has agreed to acquire and Yunnan Metallurgical has agreed to dispose of 658,911,907 shares in Yunnan Aluminum, representing approximately 19% of the total issued share capital of Yunnan Aluminum, at a transaction consideration of approximately RMB6,661 million. Upon the completion of aforesaid shares transfer, the financial results of Yunnan Aluminum will be consolidated into the financial statements of the Company, and Yunnan Aluminum will become a subsidiary of the Company.

Chinalco is the controlling shareholder of the Company, and Yunnan Metallurgical is a subsidiary of Chinalco. Therefore, Yunnan Metallurgical is a connected person of the Company under the Hong Kong Listing Rules. As the highest applicable percentage ratio (as defined under the Hong Kong Listing Rules) in respect of the transaction contemplated under the shares transfer agreement exceeds 25% but is less than 100%, the transaction constitutes a major transaction under Chapter 14 of the Hong Kong Listing Rules and a connected transaction under Chapter 14A of the Hong Kong Listing Rules.

On 24 July 2022, the Company and Yunnan Metallurgical signed a shares transfer agreement accompanied with operative clauses. The acquisition of shares is subject to the general meeting of the Company for consideration and approval.

Please refer to the announcement of the Company dated 24 July 2022 and the circular of the Company dated 12 August 2022 for details of the above matter.



(4) Application for delisting of the American depositary shares of the Company (the “**ADSs**”) from the New York Stock Exchange (“**NYSE**”) and deregistration of such ADSs and the underlying H shares under the U.S. Securities Exchange Act

At the third meeting of the eighth session of the Board of the Company held on 12 August 2022, the Resolution in relation to the Delisting of the American Depositary Shares of the Company from the New York Stock Exchange and Deregistration under the U.S. Securities Exchange Act was considered and passed. Due to a number of considerations, including the limited trading volume of the ADSs of the Company as compared to the worldwide trading volume of H shares of the Company, and the considerable administrative burden and costs associated with maintaining the listing of the ADSs on the NYSE and the registration of the ADSs and the underlying H shares with the U.S. Securities and Exchange Commission and complying with the periodic reporting and related obligations under the Securities Exchange Act, the Board of the Company approved the delisting of the ADSs from the NYSE and the deregistration of the ADSs and underlying H shares under the Securities Exchange Act.

The Company has notified the NYSE on 12 August 2022 (EDT) of its application for voluntary delisting of its ADSs from the NYSE. The last trading day of ADSs of the Company on the NYSE will be on or around 1 September 2022. On and after such date, the ADSs of the Company will no longer be listed on the NYSE. After the delisting becomes effective, once the Company satisfies the conditions for deregistration as required under the Securities Exchange Act, the Company will apply to the U.S. Securities and Exchange Commission for the deregistration of the ADSs and underlying H shares.

Please refer to the announcement of the Company dated 12 August 2022 for details of the above-mentioned matter.

REPORT ON REVIEW OF INTERIM FINANCIAL INFORMATION



REPORT ON REVIEW OF INTERIM FINANCIAL INFORMATION TO THE BOARD OF DIRECTORS OF ALUMINUM CORPORATION OF CHINA LIMITED

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

INTRODUCTION

We have reviewed the interim financial information set out on pages 58 to 112, which comprises the interim condensed consolidated statement of financial position of Aluminum Corporation of China Limited (the "**Company**") and its subsidiaries (together, the "**Group**") as at 30 June 2022 and the interim condensed consolidated statement of profit or loss and other comprehensive income, the interim condensed consolidated statement of changes in equity and the interim condensed consolidated statement of cash flows for the six-month period then ended, and notes, comprising significant accounting policies and other explanatory information. 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". The directors of the Company are responsible for the preparation and presentation of this interim financial information in accordance with International Accounting Standard 34 "Interim Financial Reporting". 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.

REPORT ON REVIEW OF INTERIM FINANCIAL INFORMATION (CONTINUED)



REPORT ON REVIEW OF INTERIM FINANCIAL INFORMATION TO THE BOARD OF DIRECTORS OF ALUMINUM CORPORATION OF CHINA LIMITED (Continued)

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

SCOPE OF REVIEW

We conducted our review in accordance with International Standard on Review Engagements 2410, "Review of Interim Financial Information Performed by the Independent Auditor of the Entity". 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 International 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.

CONCLUSION

Based on our review, nothing has come to our attention that causes us to believe that the interim financial information of the Group is not prepared, in all material respects, in accordance with International Accounting Standard 34 "Interim Financial Reporting".

PricewaterhouseCoopers

Certified Public Accountants

Hong Kong, 23 August 2022

UNAUDITED INTERIM CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL POSITION

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

	<i>Notes</i>	30 June 2022 (Unaudited)	31 December 2021 (Audited and Restated)
ASSETS			
Non-current assets			
Property, plant and equipment	5	88,269,562	93,484,471
Right-of-use assets		16,961,777	18,346,136
Investment properties		1,897,473	1,814,589
Intangible assets	6	12,790,425	12,986,876
Investments in joint ventures	7	3,364,587	3,350,959
Investments in associates	7	9,765,673	9,636,634
Other financial assets measured at fair value		237,698	239,538
Deferred tax assets		1,646,756	1,386,147
Other non-current assets		2,291,784	2,474,946
Total non-current assets		137,225,735	143,720,296
Current assets			
Inventories		18,720,210	18,677,875
Trade and notes receivables	8	6,401,950	6,904,850
Other current assets		6,806,537	3,953,326
Other financial assets measured at fair value		5,019,348	–
Restricted cash		1,760,290	1,324,748
Cash and cash equivalents (excluding bank overdrafts)		18,872,517	17,853,244
Total current assets		57,580,852	48,714,043
Total assets		194,806,587	192,434,339

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

UNAUDITED INTERIM CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL POSITION (CONTINUED)

	<i>Notes</i>	30 June 2022	31 December 2021 (Audited and Restated)
		(Unaudited)	
EQUITY			
Share capital	9	17,134,943	17,022,673
Shares held for employee share scheme	10	(345,793)	–
Other equity instruments		2,498,429	2,498,429
Other reserves		30,901,018	30,919,358
Retained earnings		10,326,147	6,881,669
Total equity attributable to owners of the Company		60,514,744	57,322,129
Non-controlling interests		17,386,623	15,518,810
Total equity		77,901,367	72,840,939
LIABILITIES			
Non-current liabilities			
Interest-bearing loans and borrowings	11	59,824,054	64,095,849
Deferred tax liabilities		1,356,646	1,378,519
Other non-current liabilities		1,825,690	1,938,240
Total non-current liabilities		63,006,390	67,412,608

**UNAUDITED INTERIM CONDENSED
CONSOLIDATED STATEMENT
OF FINANCIAL POSITION (CONTINUED)**

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

	<i>Notes</i>	30 June 2022	31 December 2021 (Audited and Restated)
		(Unaudited)	
Current liabilities			
Trade and notes payables	12	20,131,311	15,505,443
Other payables and accrued liabilities		9,313,954	9,353,693
Contract liabilities		1,859,968	2,177,072
Financial liabilities at fair value through profit or loss		8,780	68,871
Income tax payable		582,738	569,591
Interest-bearing loans and borrowings	11	22,002,079	24,506,122
Total current liabilities		53,898,830	52,180,792
Total liabilities		116,905,220	119,593,400
Total equity and liabilities		194,806,587	192,434,339

The above unaudited interim condensed consolidated statement of financial position should be read in conjunction with the accompanying notes.

Liu Jianping
Director

Ge Xiaolei
Chief Financial Officer

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

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

	Notes	For the six months ended 30 June	
		2022 (Unaudited)	2021 (Unaudited and Restated)
Revenue	4	145,402,989	120,816,623
Cost of sales	13	(131,108,914)	(108,552,572)
Gross profit		14,294,075	12,264,051
Selling and distribution expenses	13	(141,955)	(135,255)
General and administrative expenses	13	(2,406,071)	(2,358,686)
Research and development expenses	13	(1,625,840)	(658,807)
Impairment losses on property, plant and equipment	5	(2,100,549)	–
Net impairment losses on financial assets		(50,081)	(477,963)
Other income	14(a)	119,960	89,164
Other gains/(losses) – net	14(b)	249,754	(1,176,408)
Operating profit		8,339,293	7,546,096
Finance income	15	189,586	109,547
Finance costs	15	(1,858,593)	(2,026,456)
Finance costs – net		(1,669,007)	(1,916,909)
Share of net profits of investments accounted for using the equity method			
Joint ventures		82,917	74,224
Associates	7	203,607	355,682
		286,524	429,906

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

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

	<i>Notes</i>	For the six months ended 30 June 2022 (Unaudited)	2021 (Unaudited and Restated)
Profit before income tax		6,956,810	6,059,093
Income tax expense	16	(1,009,974)	(1,246,956)
Profit for the period		5,946,836	4,812,137
Profit attributable to:			
Owners of the Company		3,989,370	3,094,161
Non-controlling interests		1,957,466	1,717,976
		5,946,836	4,812,137
Basic earnings per share attributable to ordinary equity holders of the Company <i>(expressed in RMB per share)</i>	17	0.231	0.176
Diluted earnings per share attributable to ordinary equity holders of the Company <i>(expressed in RMB per share)</i>	17	0.231	0.176

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

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

Notes	For the six months ended 30 June	
	2022 (Unaudited)	2021 (Unaudited and Restated)
Profit for the period	5,946,836	4,812,137
Other comprehensive income		
<i>Items that may be reclassified to profit or loss</i>		
Exchange differences on translation of foreign operations	(309,257)	15,527
<i>Items that will not be reclassified to profit or loss</i>		
Changes in the fair value of financial assets measured at fair value through other comprehensive income	(1,840)	(31,707)
Income tax effect	300	7,925
Other comprehensive loss for the period, net of tax	(310,797)	(8,255)
Total comprehensive income for the period	5,636,039	4,803,882
Total comprehensive income for the period attributable to:		
Owners of the Company	3,676,947	3,086,138
Non-controlling interests	1,959,092	1,717,744
	5,636,039	4,803,882

The above unaudited interim condensed consolidated statement of profit or loss and other comprehensive income should be read in conjunction with the accompanying notes.

UNAUDITED INTERIM CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

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

	Attributable to owners of the Company													Total equity
	Notes	Capital reserve			Shares held for employee share scheme	Statutory surplus reserve	Special reserve	Fair value reserve	Other equity instruments	Foreign currency translation reserve	Retained earnings	Total	Non-controlling interests	
		Share capital	Share premium	Other capital reserves										
As at 31 December 2021		17,022,673	26,958,144	1,159,190	-	1,892,286	287,983	20,760	2,498,429	600,995	6,824,227	57,264,687	15,518,810	72,783,497
Changes in accounting policies (Note 2.2)		-	-	-	-	-	-	-	-	-	57,442	57,442	-	57,442
As at 1 January 2022 (Audited and Restated)		17,022,673	26,958,144	1,159,190	-	1,892,286	287,983	20,760	2,498,429	600,995	6,881,669	57,322,129	15,518,810	72,840,939
Profit for the period		-	-	-	-	-	-	-	-	-	3,989,370	3,989,370	1,957,466	5,946,836
Changes in fair value of financial assets measured at fair value through other comprehensive incomes, net of tax		-	-	-	-	-	(1,540)	-	-	-	-	(1,540)	-	(1,540)
Exchange differences on translation of foreign operations		-	-	-	-	-	-	-	-	(310,883)	-	(310,883)	1,626	(309,257)
Total comprehensive income for the period		-	-	-	-	-	(1,540)	-	(310,883)	3,989,370	3,676,947	1,959,092	5,636,039	
Issuance of shares for employee share scheme		112,270	233,523	-	(345,793)	-	-	-	-	-	-	-	-	-
Employee share schemes-value of employee services		-	-	6,630	-	-	-	-	-	-	-	6,630	-	6,630
Dividends distribution by subsidiaries to non-controlling shareholders		-	-	-	-	-	-	-	-	-	-	-	(125,734)	(125,734)
Other appropriations		-	-	-	-	-	44,912	-	-	-	-	44,912	34,455	79,367
Share of reserves of joint ventures and Associates		-	-	327	-	-	8,691	-	-	-	-	9,018	-	9,018
Distribution of dividends		-	-	-	-	-	-	-	-	-	(544,892)	(544,892)	-	(544,892)
As at 30 June 2022 (Unaudited)		17,134,943	27,191,667	1,166,147	(345,793)	1,892,286	341,586	19,220	2,498,429	290,112	10,326,147	60,514,744	17,386,623	77,901,367

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

UNAUDITED INTERIM CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY (CONTINUED)

	Attributable to owners of the Company											Non-controlling interests	Total equity
	Notes	Capital reserve			Statutory surplus reserve	Special reserve	Fair value reserve	Other equity instruments	Foreign currency translation reserve	Foreign (Accumulated losses)/ Retained earnings	Total		
		Share capital	Share premium	Other capital reserves									
As at 31 December 2020 (Audited)	17,022,673	27,003,477	1,161,392	5,867,557	179,255	7,618	4,486,429	345,205	(1,741,596)	54,332,010	16,839,706	71,171,716	
Changes in accounting policies (Note 2.2)	-	-	-	-	-	-	-	-	63,068	63,068	-	63,068	
Adjustment due to a business combination under common control (Note 20)	-	350,291	-	-	1,173	-	-	-	(234,157)	117,307	16,141	133,448	
As at 1 January 2021 (Audited and Restated)	17,022,673	27,353,768	1,161,392	5,867,557	180,428	7,618	4,486,429	345,205	(1,912,685)	54,512,385	16,855,847	71,368,232	
Profit for the period	-	-	-	-	-	-	-	-	3,094,161	3,094,161	1,717,976	4,812,137	
Changes in fair value of financial assets measured at fair value through other comprehensive incomes, net of tax	-	-	-	-	-	(23,782)	-	-	-	(23,782)	-	(23,782)	
Exchange differences on translation of foreign operations	-	-	-	-	-	-	-	15,759	-	15,759	(232)	15,527	
Total comprehensive income for the period	-	-	-	-	-	(23,782)	-	15,759	3,094,161	3,086,138	1,717,744	4,803,882	
Disposal of subsidiaries	-	-	-	-	-	-	-	-	-	-	(3,886)	(3,886)	
Dividends distribution by subsidiaries to non-controlling shareholders	-	-	-	-	-	-	-	-	-	-	(10,942)	(10,942)	
Capital reduction from non-controlling shareholders	-	-	-	-	-	-	-	-	-	-	(24,500)	(24,500)	
Offset of statutory surplus reserves against accumulated losses of statutory surplus reserve	-	-	-	(4,229,913)	-	-	-	-	4,229,913	-	-	-	
Distribution of other equity instruments	-	-	-	-	-	-	-	-	-	-	(68,906)	(68,906)	
Share of reserves of joint ventures and associates	-	-	-	-	17,170	-	-	-	-	17,170	-	17,170	
Other appropriations	-	-	-	-	64,517	-	-	-	-	64,517	23,289	87,806	
As at 30 June 2021 (Unaudited and Restated)	17,022,673	27,353,768	1,161,392	1,637,644	262,115	(16,164)	4,486,429	360,964	5,411,389	57,680,210	18,488,646	76,168,856	

The above unaudited interim condensed consolidated statement of changes in equity should be read in conjunction with the accompanying notes.

UNAUDITED INTERIM CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS

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

	For the six months ended 30 June	
	2022 (Unaudited)	2021 (Unaudited)
Net cash inflow from operating activities	14,982,565	9,483,577
Cash flows from investing activities		
Purchases of property, plant and equipment	(1,478,377)	(788,975)
Purchases of intangible assets	(338)	(582)
Proceeds from disposal of property, plant and equipment	100,846	68,734
Proceeds from disposal of intangible assets	–	9,316
Purchase of financial assets measured at fair value		

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

UNAUDITED INTERIM CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS (CONTINUED)

	For the six months ended 30 June	
	2022 (Unaudited)	2021 (Unaudited)
Cash flows from financing activities		
Repayments of short-term notes and mid-term bonds	(5,450,347)	(12,448,184)
Repayments of short-term and long-term bank and other loans	(17,014,025)	(22,568,432)
Proceeds from issuance of short-term bonds and medium-term notes, net of issuance costs	7,491,281	12,396,962
Drawdown of short-term and long-term bank and other loans	8,798,041	18,728,942
Senior perpetual securities' distribution paid	–	(68,906)
Issuance of shares for employee share scheme	345,793	–
Principal portion of lease payments	(775,272)	(560,477)
Dividends paid by subsidiaries to non-controlling shareholders	(18,708)	(6,066)
Interest paid	(1,456,218)	(1,791,844)
Net cash outflow from financing activities	(8,079,455)	(6,318,005)
Net increase/(decrease) in cash and cash equivalents	974,564	(2,471,228)
Cash and cash equivalents at the beginning of the period	17,853,244	8,771,522
Net foreign exchange difference	44,709	37,332
Cash and cash equivalents as at 30 June	18,872,517	6,337,626

The above unaudited interim condensed consolidated statement of cash flows should be read in conjunction with the accompanying notes.

NOTES TO UNAUDITED INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION

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

1 GENERAL INFORMATION

Aluminum Corporation of China Limited (the “**Company**”) (中國鋁業股份有限公司) and its subsidiaries (together the “**Group**”) are principally engaged in exploration and mining of bauxite resources; production, sales, related technical development and technical services of alumina, primary aluminum, aluminum alloy and carbon; power generation business; exploration, mining and operation of coal resources; trading and logistics.

The Company is a joint stock company which was established on 10 September 2001 and is domiciled in the People’s Republic of China (the “**PRC**”) with limited liability. The address of its registered office is No. 62 North Xizhimen Street, Haidian District, Beijing, the PRC.

The Company’s shares have been listed on the Main Board of the Hong Kong Stock Exchange and the New York Stock Exchange since 2001. The Company also listed its A shares on the Shanghai Stock Exchange in 2007.

In the opinion of the directors, the ultimate holding company and parent of the Company is Aluminum Corporation of China (“**Chinalco**”) (中國鋁業集團有限公司), a company incorporated and domiciled in the PRC and wholly owned by the State-owned Assets Supervision and Administration Commission of the State Council (“**SASAC**”).

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

The unaudited interim condensed consolidated financial information was approved for issuance on 22 August 2022.

The interim condensed consolidated financial information has not been audited.



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

**NOTES TO UNAUDITED INTERIM
CONDENSED CONSOLIDATED
FINANCIAL INFORMATION (CONTINUED)**

**2 BASIS OF PREPARATION AND SIGNIFICANT
ACCOUNTING POLICIES**

2 BASIS OF PREPARATION AND SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

2.2 Significant accounting policies (CONTINUED)

The Group recognised the cumulative effect of initially applying the amendment as an adjustment to the opening balance of retained earnings at the beginning of that earliest period presented. This change in accounting policy has been accounted for retrospectively and comparative information has been restated.

The change in accounting policy	Items	<i>RMB</i> 1 January 2021
According to IAS 16 Property, Plant and Equipment and IFRS 15 Revenue from Contracts with Customers, an entity recognises the proceeds from selling items produced while bringing that asset to be capable of operating in the manner intended by management, and the cost of producing those items, in profit or loss.	Property, plant and equipment	63,068
	Retained earnings	(63,068)
		<u>For the six months ended 30 June 2021</u>
	Cost of sales	2,813
	Property, plant and equipment	(2,813)

The above change in accounting policy did not have impact on revenue for the current and comparative period because there is no trial production revenue for the relevant periods. All adjustments is related to the revenue during trial production phase for the periods before 1 January 2021 which was previously offset against property plant and equipment, and related impact of depreciation.



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

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

**NOTES TO UNAUDITED INTERIM
 CONDENSED CONSOLIDATED
 FINANCIAL INFORMATION (CONTINUED)**

**4 REVENUE AND SEGMENT INFORMATION
 (CONTINUED)**

(a) Revenue (Continued)

Note a: Revenue from contracts with customers

	For the six months ended 30 June 2022						Total
	Alumina segment	Primary aluminum segment	Trading segment	Energy segment	Corporate and other operating segments	Inter segment elimination	
Type of goods or services							
Sale of goods	27,852,905	41,918,320	117,436,598	4,818,902	288,133	(47,966,787)	144,348,071
Rendering of services	-	-	3,048,958	-	-	(2,131,993)	916,965

**NOTES TO UNAUDITED INTERIM
CONDENSED CONSOLIDATED
FINANCIAL INFORMATION (CONTINUED)**

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

**4 REVENUE AND SEGMENT INFORMATION
(CONTINUED)**

(a) Revenue (Continued)

Note a: Revenue from contracts with customers (continued)

For the six months ended 30 June 2021 (Restated)

	Primary			Corporate	Inter	
Alumina	aluminum	Trading	Energy	and other	segment	
segment	segment	segment	segment	operating	elimination	Total
				segments		

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

NOTES TO UNAUDITED INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

4 REVENUE AND SEGMENT INFORMATION (CONTINUED)

(b) Segment information

The executive presidents committee of the Company have been identified as the chief operating decision makers. The committee is responsible for the review of the internal reports in order to allocate resources to operating segments and assess their performance.

The committee considers the business from a product perspective comprising alumina, primary aluminum and energy for the Group's manufacturing business, which are identified as separate reportable operating segments. In addition, the Group's trading business is identified as a separate reportable operating segment. The Group's reportable operating segments also include corporate and other operating segments.

The committee assesses the performance of operating segments based on profit or loss before income tax in related periods. The manner of assessment used by the committee is consistent with that applied to the consolidated financial information for the year ended 31 December 2021. Management has determined the reportable operating segments based on the reports reviewed by the committee that are used to make strategic decisions.

The Group's five reportable operating segments are summarised as follows:

- The alumina segment, which consists of mining and purchase of bauxite and other raw materials, refining bauxite into alumina, and selling alumina both internally to the Group's aluminum enterprises and trading enterprises and externally to customers outside the Group. This segment also includes the production and sale of multi-form alumina bauxite.
- The primary aluminum segment, which consists of procuring alumina and other raw materials, supplemental materials and electricity power, smelting alumina to produce primary aluminum which is sold to the Group's trading enterprises and external customers, including Chinalco and its subsidiaries. This segment also includes the production and sale of carbon products and aluminum alloy and other aluminum products.

**NOTES TO UNAUDITED INTERIM
CONDENSED CONSOLIDATED
FINANCIAL INFORMATION (CONTINUED)**

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

4 REVENUE AND SEGMENT INFORMATION (CONTINUED)

(b) Segment information (continued)

- The trading segment, which consists of the trading of alumina, primary aluminum, aluminum fabrication products, other non-ferrous metal products, coal products and raw materials and supplemental materials and logistics and transport services to internal manufacturing plants and external customers. The products are sourced from fellow subsidiaries and international and domestic suppliers of the Group. Sales of products manufactured by the Group's manufacturing business are included in the total revenue of the trading segment and are eliminated with the segment revenue of the respective segments which supplied the products to the trading segment.
- The energy segment mainly includes coal mining, electricity generation by thermal power, wind power and solar power, new energy related equipment manufacturing business. Sales of coals are mainly to the Group's internal and external coal consuming customers; electricity is sold to regional power grid corporations.
- Corporate and other operating segments, which mainly include management of corporate, research and development activities and others.

Prepaid current income tax and deferred tax assets are excluded from segment assets, and income tax payable and deferred tax liabilities are excluded from segment liabilities. All sales among the reportable operating segments were conducted on terms mutually agreed among group companies, and have been eliminated upon consolidation.

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

**NOTES TO UNAUDITED INTERIM
 CONDENSED CONSOLIDATED
 FINANCIAL INFORMATION (CONTINUED)**

**4 REVENUE AND SEGMENT INFORMATION
 (CONTINUED)**

(b) Segment information (continued)

	For the six months ended 30 June 2022						Total
	Alumina segment	Primary aluminum segment	Trading segment	Energy segment	Corporate and other operating segments	Inter segment elimination	
Total revenue	27,958,268	41,927,667	120,508,341	4,818,902	288,591	(50,098,780)	145,402,989
Intersegment revenue	(19,979,577)	(4,953,768)	(24,934,448)	(164,646)	(66,341)	50,098,780	-
Sales of self-produced products			13,808,994				
Sales of products sourced from external suppliers and rental income			81,764,899				
Revenue from external customers	7,978,691	36,973,899	95,573,893	4,654,256	222,250	-	145,402,989
Segment profit/(loss) before income tax	1,170,731	3,911,340	1,242,896	1,091,469	(171,104)	(288,522)	6,956,810
Income tax expense							(1,009,974)
Profit for the period							5,946,836

**NOTES TO UNAUDITED INTERIM
CONDENSED CONSOLIDATED
FINANCIAL INFORMATION (CONTINUED)**

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

	For the six months ended 30 June 2022						Total
	Alumina segment	Primary aluminum segment	Trading segment	Energy segment	Corporate and other operating segments	Inter segment elimination	
Other items:							
Finance income	50,504	45,395	6,057	87,290	340	-	189,586
Finance costs	(469,473)	(456,858)	(28,456)	(363,085)	(540,721)	-	(1,858,593)
Share of profits and losses of joint v/T6ses of joint							

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

**NOTES TO UNAUDITED INTERIM
CONDENSED CONSOLIDATED
FINANCIAL INFORMATION (CONTINUED)**

**4 REVENUE AND SEGMENT INFORMATION
(CONTINUED)**

(b) Segment information (continued)

	For the six months ended 30 June 2021 (restated)						Total
	Alumina segment	Primary aluminum segment	Trading segment	Energy segment	Corporate and other operating segments	Inter segment elimination	
Total revenue	24,242,961	32,564,424	97,936,595	3,153,358	243,988	(37,324,703)	120,816,623
Intersegment revenue	(16,206,888)	(5,018,501)	(15,943,548)	(84,598)	(71,168)	37,324,703	-
Sales of self-produced products			12,695,008				
Sales of products sourced from external suppliers and rental income			69,298,039				
Revenue from external customers	8,036,073	27,545,923	81,993,047	3,068,760	172,820	-	120,816,623
Segment profit/(loss) before income tax	1,403,778	5,791,842	694,724	(433,481)	(904,888)	(492,882)	6,059,093
Income tax expense							(1,246,956)
Profit for the period							4,812,137

**NOTES TO UNAUDITED INTERIM
CONDENSED CONSOLIDATED
FINANCIAL INFORMATION (CONTINUED)**

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

**4 REVENUE AND SEGMENT INFORMATION
(CONTINUED)**

(b) Segment information (continued)

	For the six months ended 30 June 2021 (restated)						Total
	Alumina segment	Primary aluminum segment	Trading segment	Energy segment	Corporate and other operating segments	Inter segment elimination	
Other items:							
Finance income	11,376	19,114	23,266	43,285	12,506	-	109,547
Finance costs	(493,978)	(496,484)	(79,169)	(498,666)	(458,159)	-	(2,026,456)
Share of profits and losses of joint ventures	37,703	-	2,089	9,388	25,044	-	74,224
Share of profits and losses of associates	150,405	(9,425)	36,039	(118,871)	297,534	-	355,682
Depreciation of right-of-use assets	(150,928)	(95,501)	(48,851)	(53,865)	(25,234)	-	(374,379)
Depreciation and amortisation excluding the amortisation of right-of-use assets	(1,618,074)	(1,412,695)	(56,094)	(841,209)	(38,801)	-	(3,966,873)
Losses on disposal of property, plant and equipment, and intangible assets net	(490,510)	18,388	1,783	177	-	-	(470,162)
Unrealised losses on futures contract, net	-	-	(15,338)	-	(38,317)	-	(53,655)
Change for impairment of inventories	348,300	92,779	51,285	(249)	-	-	492,115
Provision for impairment of receivables, net of bad debts recovered	(8,717)	(1,768)	(40,284)	(83,634)	(343,560)	-	(477,963)
Dividend of equity investments measured at fair value through other comprehensive income	-	-	-	-	7,579	-	7,579
Loss on disposal of subsidiaries	-	-	-	(27,317)	-	-	(27,317)
Realised loss on futures, net	-	-	(227,186)	-	(214,099)	-	(441,285)
Investments in associates	81,784	526,831	371,499	759,194	7,897,326	-	9,636,634
Investments in joint ventures	1,076,120	-	55,712	353,177	1,865,950	-	3,350,959

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

NOTES TO UNAUDITED INTERIM
CONDENSED CONSOLIDATED
FINANCIAL INFORMATION (CONTINUED)

4 REVENUE AND SEGMENT INFORMATION (CONTINUED)

(b) Segment information (continued)

	For the six months ended 30 June 2022						Total
	Alumina segment	Primary aluminum segment	Trading segment	Energy segment	Corporate and other operating segments	Inter segment elimination	
Additions during the period							
Intangible assets	10	-	-	312	16	-	338
Right-of-use assets	11,568	241,798	1,421	51,551	-	-	306,338
Investment properties	-	2,694	-	-	-	-	2,694
Property, plant and equipment	393,436	112,410	50,445	200,943	8,914	-	766,148

	For the six months ended 30 June 2021						Total
	Alumina segment	Primary aluminum segment	Trading segment	Energy segment	Corporate and other operating segments	Inter segment elimination	
Additions during the period							
Intangible assets	-	-	-	-	582	-	582
Right-of-use assets	11,177	-	31,617	-	-	-	42,794
Investment properties	-	2,541	-	-	-	-	2,541
Property, plant and equipment	483,428	203,255	774	93,134	5,559	-	786,150

**NOTES TO UNAUDITED INTERIM
CONDENSED CONSOLIDATED
FINANCIAL INFORMATION (CONTINUED)**

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

**4 REVENUE AND SEGMENT INFORMATION
(CONTINUED)**

(b) Segment information (continued)

	Alumina segment	Primary aluminum segment	Trading segment	Energy segment	Corporate and other operating segments	Total
As at 30 June 2022						
Segment assets	91,597,138	63,358,408	24,519,258	35,160,609	49,348,406	263,983,819
<i>Reconciliation :</i>						
Elimination of inter-segment receivables						(70,097,480)
Other eliminations						(768,825)
Corporate and other unallocated assets:						
Deferred tax assets						1,646,756
Prepaid income tax						42,317
Total assets						194,806,587
Segment liabilities	48,463,570	35,288,400	15,205,949	19,963,824	66,141,573	185,063,316
Elimination of inter-segment payables						(70,097,480)
Corporate and other unallocated liabilities:						
Deferred tax liabilities						1,356,646
Income tax payable						582,738
Total liabilities						116,905,220

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

**NOTES TO UNAUDITED INTERIM
CONDENSED CONSOLIDATED
FINANCIAL INFORMATION (CONTINUED)**

**4 REVENUE AND SEGMENT INFORMATION
(CONTINUED)**

(b) Segment information (continued)

	Alumina segment	Primary aluminum segment	Trading segment	Energy segment	Corporate and other operating segments	Total
As at 31 December 2021(Restated)						
Segment assets	90,404,964	63,578,662	20,961,774	35,259,571	49,644,646	259,849,617
<i>Reconciliation :</i>						
Elimination of inter-segment receivables						(67,940,192)
Other eliminations						(920,811)
Corporate and other unallocated assets:						
Deferred tax assets						1,386,147
Prepaid income tax						59,578
Total assets						192,434,339
Segment liabilities	48,065,682	33,688,693	13,511,644	25,419,575	64,899,888	185,585,482
Elimination of inter-segment payables						(67,940,192)
Corporate and other unallocated liabilities:						
Deferred tax liabilities						1,378,519
Income tax payable						569,591
Total liabilities						119,593,400

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

NOTES TO UNAUDITED INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

5 PROPERTY, PLANT AND EQUIPMENT

	Buildings and infrastructure	Machinery	Transportation Facilities	Office and other equipment	Construction in progress	Total
Six months ended 30 June 2022						
Net carrying amount as at 31 December 2021	40,676,815	48,940,413	1,080,588	390,087	2,339,126	93,427,029
Change in accounting policy (Note 2.2)	-	57,442	-	-	-	57,442
Opening net carrying amount (restated)	40,676,815	48,997,855	1,080,588	390,087	2,339,126	93,484,471
Additions	66	129,997	2,643	485	632,957	766,148
Disposals	(23,394)	(1,698)	(5,499)	(203)	(884)	(31,678)
Government grants	-	(14,310)	-	-	-	(14,310)
Reclassifications and internal transfers	18,038	370,436	2,680	16,226	(407,380)	-
Transfer from right-of-use assets	-	69,673	-	-	-	69,673
Transfer from investment properties	15,627	-	-	-	-	15,627
Transfer to investment properties	(18,374)	-	-	-	-	(18,374)
Transfer to intangible assets	-	(27,169)	-	-	(1,712)	(28,881)
Currency translation differences	18,699	4,337	90	8	-	23,134
Disposal of subsidiaries	-	-	-	(12)	(58,434)	(58,446)
Depreciation	(1,111,976)	(2,617,151)	(84,876)	(23,250)	-	(3,837,253)
Impairment loss	(603,873)	(1,472,262)	(23,340)	(1,074)	-	(2,100,549)
Closing net carrying amount	38,971,628	45,439,708	972,286	382,267	2,503,673	88,269,562
As at 30 June 2022						
Cost	64,232,977	111,811,936	2,692,761	910,546	2,681,131	182,329,351
Accumulated depreciation and impairment	(25,261,349)	(66,372,228)	(1,720,475)	(528,279)	(177,458)	(94,059,789)
Net carrying amount	38,971,628	45,439,708	972,286	382,267	2,503,673	88,269,562

As at 30 June 2022, the Group pledged property, plant and equipment with a net carrying value amounting to RMB5,056 million (31 December 2021: RMB5,111 million) for interest-bearing loans and borrowings as set out in Note 11.

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5 PROPERTY, PLANT AND EQUIPMENT (CONTINUED)

In the prior years, the Group terminated an alumina production line and the related facilities as a result of the needs of local urban development. Based on the relevant rules and regulations, the Group would be entitled to a compensation by the local government out of the commercial development of the land on which the production line is located.

During the period, the Group was informed by the local government that, because of the financial constrain, the real estate market outlook and the urban planning needs, it is no longer feasible to commercially develop this piece of land or to compensate the Group in any form. The change of government decision constitutes an impairment indicator. An impairment test was performed by management based on fair value less cost of disposal and an impairment loss of RMB2,101 million was recognised as at 30 June 2022.

The land occupied by the terminated alumina production line is leased from the Chinalco group. The Group reassessed the leasing period, and accordingly, land use right assets of RMB893 million and lease liabilities of RMB927 million were written off and a disposal gain of RMB35 million was recognised during the period.

6 INTANGIBLE ASSETS

	Goodwill	Mining Rights	Mineral exploration rights	Computer Software, production quota and others	Total
[Redacted content]					

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NOTES TO UNAUDITED INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

7 INVESTMENTS IN JOINT VENTURES AND ASSOCIATES

Movements in investments in joint ventures and associates are as follows:

	Joint ventures	Associates
As at 1 January 2022	3,350,959	9,636,634
Share of profits for the period	82,917	186,087
Share of changes in reserves	7,733	1,285
Cash dividends declared	(77,022)	(58,333)
As at 30 June 2022	3,364,587	9,765,673

8 TRADE RECEIVABLES AND NOTES RECEIVABLE

	30 June 2022	31 December 2021
Trade receivables	4,823,656	4,025,441
Less: impairment	(949,211)	(958,787)
	3,874,445	3,066,654
Notes receivable	2,527,505	3,838,196
	6,401,950	6,904,850

Trade receivables are non-interest-bearing and are generally on terms of 3 to 12 months. Certain of the Group's sales were on advance payments or documents against payments. In some cases, these terms are extended for qualifying long-term customers that have met specific credit requirements. As at 30 June 2022, the ageing analysis of trade and notes receivables based on invoice date was as follows:

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**8 TRADE RECEIVABLES AND NOTES RECEIVABLE
(CONTINUED)**

	30 June 2022	31 December 2021
Within 1 year	2,831,125	2,367,787
Between 1 and 2 years	454,242	153,161
Between 2 and 3 years	184,120	225,796
Over 3 years	1,354,169	1,278,697
	4,823,656	4,025,441
Less: provision for impairment of receivables	(949,211)	(958,787)
	3,874,445	3,066,654

As at 30 June 2022, the Group pledged trade and notes receivable amounting to RMB671 million (31 December 2021: RMB1,983 million) for issuing notes payable and for interest-bearing loans and borrowings.

9 SHARE CAPITAL

As at 31 December 2021 and 30 June 2022, all issued shares were registered and fully paid. Both A shares and H shares rank pari passu with each other.

The number of the Company's authorised ordinary shares was 17,134,943,251 at par value of RMB1.00 per share, including 112,270,300 restricted shares (Note 10).

	30 June 2022	31 December 2021
Listed A shares	13,190,977	13,078,707
Listed H shares	3,943,966	3,943,966
	17,134,943	17,022,673



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11 INTEREST-BEARING LOANS AND BORROWINGS

	30 June 2022	31 December 2021
Long-term loans and borrowings		
Lease liabilities	11,497,180	12,594,455
Medium-term notes and bonds (<i>Note (b)</i>)		
– Guaranteed	6,682,350	6,343,589
– Unsecured	13,777,957	12,878,997
	20,460,307	19,222,586
Long-term bank and other loans		
– Secured (<i>Note (a)</i>)	9,747,757	11,008,215
– Guaranteed	2,706,901	3,132,529
– Unsecured	26,321,264	27,984,442
	38,775,922	42,125,186
Total long-term loans and borrowings	70,733,409	73,942,227
Current portion of lease liabilities	(829,983)	(987,664)
Current portion of medium-term notes and bonds	(2,899,072)	(2,999,599)
Current portion of long-term bank and other loans	(7,180,300)	(5,859,115)
	(10,909,355)	(9,846,378)
Non-current portion of long-term loans and borrowings	59,824,054	64,095,849

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NOTES TO UNAUDITED INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

	30 June 2022	31 December 2021
Short-term loans and borrowings		
Bank and other loans		
– Secured (Note (a))	569,200	513,100
– Unsecured	3,859,818	8,706,230
	4,429,018	9,219,330
Short-term bonds, unsecured (Note (c))	6,663,706	5,440,414
Current portion of lease liabilities	829,983	987,664
Current portion of medium-term notes and bonds	2,899,072	2,999,599
Current portion of long-term bank and other loans	7,180,300	5,859,115
	17,573,061	15,286,792
Total short-term bonds, unsecured and current portion of long-term bank and other loans		

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**11 INTEREST-BEARING LOANS AND BORROWINGS
(CONTINUED)**

(b) Medium-term notes and bonds

Outstanding medium-term bonds of the Group as at 30 June 2022 are summarised as follows:

	Face value (RMB)/maturity	Effective interest rate	30 June 2022	31 December 2021
2019 Medium-term notes	2,000,000RMB/2024	4.31%	1,991,116	1,989,090
2020 Medium-term notes	900,000RMB/2023	3.04%	899,323	898,866
2021 Medium-term notes	1,000,000RMB/2024	3.21%	997,495	997,028
2022 Medium-term notes	2,000,000RMB/2025	3.08%	1,995,831	–
2022 Medium-term notes	400,000RMB/2025	2.73%	399,464	–
2022 Medium-term notes	500,000RMB/2024	2.50%	499,505	–
2018 Medium-term bonds	900,000RMB/2023	5.06%	899,592	899,323
2018 Medium-term bonds	1,600,000RMB/2023	4.57%	1,598,463	1,597,988
2019 Medium-term bonds	2,000,000RMB/2022	3.84%	–	1,999,809
2019 Medium-term bonds	2,000,000RMB/2029	4.57%	1,997,531	1,997,440
2019 Medium-term bonds	1,000,000RMB/2022	3.52%	999,876	999,790
2020 Medium-term bonds	500,000RMB/2025	3.31%	499,887	499,876
2020 Medium-term bonds	1,000,000RMB/2023	3.07%	999,874	999,787
2021 Hong Kong Medium-term bonds	500,000USD/2024	1.74%	3,343,145	3,173,180
2021 Hong Kong Medium-term bonds	500,000USD/2026	2.24%	3,339,205	3,170,409
			20,460,307	19,222,586

Medium-term notes and bonds were issued for capital expenditure and operating cash flows purposes, as well as for the purpose of re-financing of bank loans.

(c) Short-term bonds

Outstanding short-term bonds of the Group as at 30 June 2022 are summarised as follows:

	Face Value/ maturity	Effective interest rate	30 June 2022	31 December 2021
Short-term bonds	400,000RMB/2022	2.70%	–	406,036
Short-term bonds	2,000,000RMB/2022	2.59%	–	2,022,571
Short-term bonds	1,000,000RMB/2022	2.55%	–	1,006,240
Short-term bonds	2,000,000RMB/2022	2.80%	2,033,355	2,005,567
Short-term bonds	2,000,000RMB/2022	2.58%	2,021,563	–
Short-term bonds	1,000,000RMB/2022	2.30%	1,007,386	–
Short-term bonds	600,000RMB/2023	2.05%	601,902	–
Short-term bonds	1,000,000RMB/2023	1.93%	999,500	–
			6,663,706	5,440,414

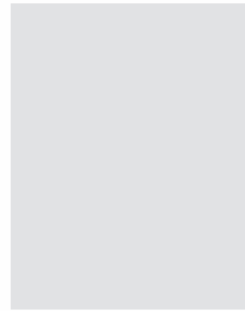
All the above short-term bonds were issued for working capital needs.



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12 TRADE AND NOTES PAYABLES



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13 EXPENSE BY NATURE

	For the six months ended 30 June	
	2022	2021 <i>(Restated)</i>
Purchase of inventories in relation to trading activities	79,306,376	67,908,087
Raw materials and consumables used, and changes in work-in-progress and finished goods	21,987,795	17,822,142
Power and utilities	13,778,645	8,515,086
Depreciation of right-of-use assets	646,103	374,379
Depreciation and amortisation (Other than depreciation of right-of-use assets) expenses	4,174,523	3,966,873
Employee benefit expenses	4,156,403	4,094,159
Repairs and maintenance	1,008,296	853,555
Transportation expenses and logistic cost	3,409,864	2,673,800
Taxes other than income tax expense	1,384,860	1,017,645
Inventory impairment loss	905,243	537,274
Research and development expenses (other than employee benefit expenses)	1,249,275	615,353
Others	3,275,397	3,326,967
	135,282,780	111,705,320

Note: During the period, the Group changed its overall alumina production plan, which reduced the alumina production level of certain subsidiaries considering overall layout of alumina capacity, cost efficiency of production and the supply of bauxite in different regions. Accordingly, a certain amount of bauxite originally intended for the production of alumina now becomes excessive. The Group has decided to dispose of this excessive bauxite directly.

Given the change in the intended use of the bauxite inventories, the Group has re-assessed the provision of this excessive bauxite based on the direct selling price of bauxite ores. As a result, an inventory impairment loss of RMB535 million was recognised as at 30 June 2022.

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NOTES TO UNAUDITED INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION

14 OTHER INCOME AND GAINS, NET

(a) Other income

For the six months ended 30 June 2022, government grants amounting to RMB120 million (for the six months ended 30 June 2021: RMB89 million) were recognised as income for the period to facilitate the Group's developments. There are no unfulfilled conditions or contingencies attached to the grants.

(b) Other gains/(losses), net

	For the six months ended 30 June	
	2022	2021 <i>(Restated)</i>
Gain/(loss) on disposal of subsidiaries	25,296	(27,317)
Realised and unrealised gains/(losses) on futures, net <i>(Note)</i>	221,304	(494,940)
Gain/(loss) on disposal of property, plant and equipment and intangible assets, net	104,667	(470,162)
Others	(101,513)	(183,989)
	249,754	(1,176,408)

Note: The Group does not apply hedge accounting for these futures.

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NOTES TO UNAUDITED INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

17 EARNINGS PER SHARE ATTRIBUTABLE TO ORDINARY EQUITY HOLDERS OF THE COMPANY

Basic

Basic earnings per share was calculated by dividing the adjusted profit attributable to ordinary equity holders of the Company by the weighted average number of shares in issue during the period.

For the purpose of calculating basic earnings per share, the Group adjusted the profit attributable to owners of the Company by deducting the after-tax amounts of cumulative distribution reserved for the period for other equity instruments, which were issued by the Group and classified as equity instrument.

	For the six months ended 30 June	
	2022	2021 <i>(Restated)</i>
Profit attributable to owners of the Company <i>(in thousands of RMB)</i>	3,989,370	3,094,161
Other equity instruments' distribution reserved <i>(in thousands of RMB)</i>	(53,750)	(104,750)
Profit attributable to ordinary shares holders of the Company	3,935,620	2,989,411
Shares		
Number of ordinary shares in issue <i>(thousands)</i> as at 1 January	17,022,673	17,022,673
Issuance of share capital <i>(thousands)</i>	18,712	–
Weighted average number of ordinary shares in issuance	17,041,385	17,022,673
Basic earnings per share <i>(RMB)</i>	0.231	0.176

The Group had no potentially dilutive ordinary shares in issuance during the six months ended 30 June 2022 and 2021, thus the diluted earnings per share were the same as basic earnings per share.

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18 DIVIDEND

On 21 June 2022, the general meeting of shareholders approved a final dividend of RMB545 million for the year ended 31 December 2021, which had not been paid as of 30 June 2022.

19 COMMITMENTS

(a) Capital commitments

	30 June 2022	31 December 2021
Property, plant and equipment	1,001,457	1,375,405

(b) Other capital commitments

As at 30 June 2022, the commitments to make capital contributions to the Group's joint ventures and associates were as follows:

	30 June 2022	31 December 2021
Associates	31,800	31,800
Joint ventures	410,000	410,000
	441,800	441,800

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20 SIGNIFICANT RELATED PARTY TRANSACTIONS AND BALANCES

(a) Significant related party transactions

	For the six months ended 30 June	
	2022	2021 <i>(Restated)</i>
Sales of goods and services rendered:		
Sales of materials and finished goods to:		
Chinalco and its subsidiaries	16,124,271	9,808,920
Joint ventures	5,321,348	3,464,082
Associates	993,166	12,897
Associates of Chinalco	180,477	530,623
Shareholder of Chalco's subsidiaries	–	253,334
	22,619,262	14,069,856
Provision of utility services to:		
Chinalco and its subsidiaries	537,731	593,512
Joint ventures	85,126	81,171
Associates	1,099	107
Associates of Chinalco	9,575	7,009
	633,531	681,799
Rental revenue of land use rights and building from:		
Chinalco and its subsidiaries	11,801	13,478
Associates of Chinalco	237	589
Associates	507	377
Joint ventures	750	723
	13,295	15,167

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**20 SIGNIFICANT RELATED PARTY TRANSACTIONS AND
BALANCES (CONTINUED)**

(a) Significant related party transactions (continued)

	For the six months ended 30 June	
	2022	2021
Purchases of goods and services:		
Purchases of engineering, construction and supervisory services from:		
Chinalco and its subsidiaries	204,410	356,191
Associates	1,835	12,413
Associates of Chinalco	–	708
Joint ventures	6,712	–
	212,957	369,312
Purchases of primary and auxiliary materials, equipment and finished goods from:		
Chinalco and its subsidiaries	4,625,761	4,332,017
Joint ventures	2,537,703	3,686,625
Associates	678,540	601,686
Associates of Chinalco	622,933	13,311
	8,464,937	8,633,639
Purchases of social services and logistics services by:		
Chinalco and its subsidiaries	160,631	172,320
Joint ventures	1,263	–
	161,894	172,320

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20 SIGNIFICANT RELATED PARTY TRANSACTIONS AND BALANCES (CONTINUED)

(a) Significant related party transactions (continued)

	For the six months ended 30 June	
	2022	2021
Purchases of utility services from:		
Chinalco and its subsidiaries	419,618	305,444
Associates of Chinalco	42,284	33,399
Joint ventures	484,594	277,018
	946,496	615,861
Purchases of other services from:		
Chinalco and its subsidiaries	99,134	91,619
Rental expense of buildings and land use rights from:		
Chinalco and its subsidiaries	776,633	249,346
New right-of-use assets in current period Additions		
Chinalco and its subsidiaries	262,089	6,611
Contract modification		
Chinalco and its subsidiaries	(891,529)	–
Interest expense on lease liabilities	384,521	159,266

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20 SIGNIFICANT RELATED PARTY TRANSACTIONS AND BALANCES (CONTINUED)

(b) Key management personnel compensation

	For the six months ended 30 June	
	2022	2021
Fees	285	286
Basic salaries, other allowances and benefits in kind	969	1,177
Pension costs	190	228
	1,444	1,691

(c) Balances with related parties

Other than those disclosed elsewhere in the unaudited interim condensed consolidated financial information, the outstanding balances with related parties as at 30 June 2022 were as follows:

	30 June 2022	31 December 2021
Cash and cash equivalents:		
A subsidiary of Chinalco	10,259,070	7,832,411
Trade and notes receivables:		
Chinalco and its subsidiaries	872,281	1,476,833
Associates of Chinalco	36,743	45,180
Joint ventures	503,563	628,231
Associates	1	1
Non-controlling shareholder of a subsidiary and its subsidiaries	16,624	24,465

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20 SIGNIFICANT RELATED PARTY TRANSACTIONS AND BALANCES (CONTINUED)

(c) Balances with related parties (continued)

	30 June 2022	31 December 2021
Interest-bearing loans and borrowings: (including lease liabilities)		
Subsidiaries of Chinalco	12,295,823	13,028,565
Associates of Chinalco	1,927	2,245
	12,297,750	13,030,810
Trade and notes payables:		
Chinalco and its subsidiaries	494,951	301,386
Associates of Chinalco	161,767	26,288
Joint ventures	556,633	229,994
Associates	23,906	32,668
Non-controlling shareholder of a subsidiary and its subsidiaries	105,883	105,174
	1,343,140	695,510
Other payables and accrued liabilities:		
Chinalco and its subsidiaries	1,070,573	1,054,724
Associates of Chinalco	24,151	42,659
Joint ventures	178,976	49,618
Associates	39,592	19,926
	1,313,292	1,166,927

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**20 SIGNIFICANT RELATED PARTY TRANSACTIONS AND
BALANCES (CONTINUED)**

(c) Balances with related parties (continued)

	30 June 2022	31 December 2021
Contract liabilities:		
Chinalco and its subsidiaries	149,124	150,730
Associates of Chinalco	1,297	27,190
Joint ventures	253	535
Associates	28,469	139
	179,143	178,594

As at 30 June 2022, included in long-term loans and borrowings and short-term loans and borrowings were from other state-owned enterprises amounting to RMB24,960 million (31 December 2021: RMB37,287 million) and RMB2,432 million (31 December 2021: RMB4,906 million), respectively.

The terms of all the balances were unsecured.

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21 FINANCIAL RISK MANAGEMENT

21.1 Financial risk management

(a) Financial risk factors

The Group's activities expose it to a variety of financial risks, including market risk (including foreign currency risk, interest rate risk and commodity price risk), credit risk and liquidity risk. The Group's overall risk management program focuses on the unpredictability of financial markets and seeks to minimise the potential adverse effects on the Group's financial performance.

Risk management is carried out by the treasury management department (the "**Group Treasury**") under policies approved by the Board of Directors of the Company. The Group Treasury identifies, evaluates and hedges financial risks through close cooperation with the Group's operating units.

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

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21 FINANCIAL RISK MANAGEMENT (CONTINUED)

21.1 Financial risk management (continued)

(b) Liquidity risk

The table below analyses the maturity profile of the Group's financial liabilities as at the end of the reporting period. The amounts disclosed in the table are the contractual undiscounted cash flows.

	Within 1 year	1 to 2 years	2 to 5 years	Over 5 years	Total
As at 30 June 2022					
Lease liabilities, including current portion	1,488,484	1,359,055	3,615,173	15,310,296	21,773,008
Long-term bank and other loans, including current portion	7,180,300	10,314,249	21,209,073	72,300	38,775,922
Medium-term notes and bonds, including current portion	2,900,000	5,000,000	10,611,400	2,000,000	20,511,400
Short-term bonds	6,600,000	-	-	-	6,600,000
Short-term bank and other loans	4,429,018	-	-	-	4,429,018
Interest payables for bank borrowings and notes	2,562,116	1,775,871	3,289,401	1,251,257	8,878,645
Financial liabilities at fair value through profit or loss	8,780	-	-	-	8,780
Financial liabilities included in other payables and accrued liabilities, excluding accrued interest	7,045,162	-	-	-	7,045,162
Financial liabilities included in other non-current liabilities	203,001	49,771	149,314	888,397	1,290,483
Trade and notes payables	20,131,311	-	-	-	20,131,311
	52,548,172	18,498,946	38,874,361	19,522,250	129,443,729

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

NOTES TO UNAUDITED INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

21 FINANCIAL RISK MANAGEMENT (CONTINUED)

21.2 Financial instruments

The differences between the carrying amounts and fair values of the Group's financial instruments, other than those with carrying amounts that reasonably approximate to fair values, are insignificant.

Fair value hierarchy

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

Assets measured at fair value

As at 30 June 2022	Fair value measurement using			Total
	Quoted prices in active markets (Level 1)	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)	
Financial assets measured at fair value through other comprehensive income:				
Notes receivable	-	-	2,036,260	2,036,260
Other financial assets measured at fair value:				
Futures contracts	19,348	-	-	19,348
short-term structured deposits	-	5,000,000	-	5,000,000
Listed investments	5,834	-	-	5,834
Other unlisted investments	-	-	231,864	231,864
	25,182	5,000,000	2,268,124	7,293,306

**NOTES TO UNAUDITED INTERIM
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*For the six months ended 30 June 2022
(Amounts expressed in thousands of RMB
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21 FINANCIAL RISK MANAGEMENT(CONTINUED)

21.2 Financial instruments (continued)

Fair value hierarchy (continued)

Liabilities measured at fair value

As at 30 June 2022	Fair value measurement using			Total
	Quoted prices in active markets (Level 1)	Significant observable inputs (Level 2)	Significant unobservable inputs (Level 3)	
Financial liabilities at fair value through profit or loss:				
Futures contracts	8,780	-	-	8,780
	8,780	-	-	8,780

During the six-month period ended 30 June 2022, there were no transfers between Level 1 and Level 2 fair value measurements, and no transfers into or out of Level 3 fair value measurements.

Below is a summary of significant unobservable inputs to the valuation of financial instruments as at 30 June 2022:

	Valuation Technique	Significant unobservable inputs
Notes receivable 30 June 2022	Discounted Cashflow Model	Discount rate
Other equity investments 30 June 2022	Discounted Cashflow Model	Discount rate

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

NOTES TO UNAUDITED INTERIM CONDENSED CONSOLIDATED FINANCIAL INFORMATION (CONTINUED)

22 CONTINGENT LIABILITIES

As at 30 June 2022 and the date of this report, the Group is in process of application with related government departments for re-verifying carbon emission data for certain coal-fired power plants to avoid unnecessary obligations of excessive emission, the conclusion of which will not result in material additional liabilities to be recognised by the Group.

The Group is a defendant in a number of lawsuits arising in the ordinary course of business. While the outcomes of such lawsuits cannot be determined at present, management believes that any resulting liabilities will not have a material adverse effect on the financial position or operating results the Group.

23 EVENTS AFTER THE REPORTING PERIOD

- (a) On 24 July 2022, the Group entered into the Shares Transfer Agreement with Yunnan Metallurgical Group Co., Ltd. ("Yunnan Metallurgical"), pursuant to which, the Group has agreed to acquire and Yunnan Metallurgical has agreed to dispose of 658,911,907 shares in Yunnan Aluminum Co., Ltd. ("Yunnan Aluminum"), representing approximately 19% of the total issued share capital of Yunnan Aluminum. The transfer price of the share is RMB10.11 per share and the total transfer price is RMB6,662 million. Upon the completion of the transfer of the aforesaid share, the Company will hold 1,009,202,685 shares in Yunnan Aluminum, representing approximately 29.10% of the total issued share capital of Yunnan Aluminum. The transaction is subject to reporting, announcement and independent shareholders' approval requirements under the Hong Kong Listing Rules.
- (b) The Company has notified the New York Stock Exchange ("NYSE") on 12 August 2022 (EDT) of its application for voluntary delisting of its ADSs from the NYSE. The last trading day of ADSs of the Company on the NYSE will be on or around 1 September 2022. On and after such date, the ADSs of the Company will no longer be listed on the NYSE. After the delisting becomes effective, once the Company satisfies the conditions for deregistration as required under the Securities Exchange Act, the Company will apply to the U.S. Securities and Exchange Commission for the deregistration of the ADSs and underlying H Shares.

**NOTES TO UNAUDITED INTERIM
CONDENSED CONSOLIDATED
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*For the six months ended 30 June 2022
(Amounts expressed in thousands of RMB
unless otherwise stated)*

23 EVENTS AFTER THE REPORTING PERIOD (Continued)

- (c) On 16 August 2022, the Company issued at par the fourth tranche of ultra-short-term bills of 2022 with a total face value of RMB1 billion (with a par value of RMB100 each), maturing in February 2023, for meeting the working capital demand and replacing maturing borrowings. The bonds carry a fixed coupon rate of 1.58% per annum.

- (d) On 17 August 2022, the Group completed an issuance of Perpetual Medium-term Notes with a total face value of RMB1 billion. The notes have no fixed maturity date and are callable only at the Group's option on 19 August 2025 or any coupon distribution date after 19 August 2025 at their principal amounts together with any accrued, unpaid or deferred coupon distribution payments. The coupon distribution rate will be reset to a percentage per annum equal to the sum of (a) the initial spread, (b) the China Treasury Rate, and (c) a margin of 300 basis points. While any coupon distribution payments are unpaid or deferred, the Company cannot declare or pay dividends to shareholders or decrease the share capital.