中國罕王控股有限公司

CHINA HANKING HOLDINGS LIMITED

罕王
HANKING

(Incorporated in the Cayman Islands with limited liability)

Stock Code: 03788

2022 ANNUAL REPORT

CORE VALUE

People-first and
Business Integrity

PRINCIPLE

Safety,
Harmony and Green

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CHAIRMAN'S STATEMENT

Dear Shareholders,

The more serious nationwide outbreak of COVID-19 epidemic in early 2022 led to escalating preventive and control measures, which greatly affected the movement of people and logistics, and had a great negative impact on the operation of enterprises in various industries. Specifically for the wind power industry, affected by the epidemic and other factors, the PRC's wind power grid-connected installed capacity in 2022 was 37.63GW, representing a year-on-year decrease of 21.0%. This meant that the demand for wind power ductile casting iron was also declining, which in turn led to a continuous decline in the price of wind power ductile casting iron products from March 2022, and the decline did not stabilize until the fourth quarter of 2022. In addition, due to the influence of factors such as power restriction in Liaoning Province, one of the Company's major high-purity iron plants ceased production from the end of September 2021 to late March 2022, coupled with the fact that the price of coke, a major raw material, remained at a high level in 2022, resulting in a significant increase in the production cost of the Company's high-purity iron compared with the same period last year. As a result of the above factors, the Company's high-purity iron business incurred a loss for the first time, and caused the Company as a whole to turn a profit into a loss. In 2022, the Company's revenue was RMB2,602 million, representing a year-on-year decrease of 16.79%. Net loss attributable to shareholders of the parent company was RMB51 million.

Despite the difficult external environment in 2022, we still made every effort to ensure the normal running of our operations. At the same time, we have also been overcoming various difficulties and continuously pushing forward the major tasks related to the sustainable development of the Company, one of which is the resource exploration. In 2022, the Company carried out a study on the regularity of ore formation within the scope of the mining rights of Shangma Mine and Maogong Mine, and carried out the deep exploration for concealed ore bodies through the establishment of an innovative regional ore identification model, with 127 holes drilled under construction and all drill holes showing mineralization. Preliminary analysis of the results of these drill holes for exploration has validated the new ore identification theory, and will result in a significant increase in resources at Shangma Mine. Based on the new ore identification theory, the Company will continue to carry out exploration work within the scope of the mining rights of Shangma Mine, and its prospective resources are very promising.

In 2022, the Company continued to promote scientific and technological innovation, and its two core subsidiaries, Aoniu Mining and Hanking D.R.I., completed the re-certification process as national high-tech enterprises. In 2022, Aoniu Mining further improved its smart mine system, and completed sub-projects such as intelligent data analysis, self-service material collection in storage, unattended access control system, data center, and intelligent production management and control platform. In the future, Aoniu Mining will continue to improve this smart mine system, provide information-based auxiliary tools for various business scenarios, and complete the transformation of enterprise employees from "experience-based" to "digital-smart", aiming to form the "data assets" for enterprises through the accumulation of data.

In 2022, Australia also continued to face the impact of the COVID-19 epidemic, resulting in a shortage of manpower in many industries and government departments, which brought a lot of difficulties to the Company's early development of the Rustlers Roost open-pit gold mine, with a number of delays compared to the expected schedule. With regard to the definitive feasibility study of the project, we have completed the tasks such as reserves renewal estimation, mineral processing test, process design for the mineral processing plant, design of tailings pond, and the geological drilling and testing for filed projects. With regard to the environmental assessment (EIA) of the project, we have completed the publication of the EIA report and submitted all the supplementary materials required for approval of the EIA report in accordance with the requirements of the environmental protection authority of Northern Territory; with regard to pre-mining preparations, a bridge with weight-bearing of 110-tonne has been put into operation, and the dewatering of the existing pit at Rustlers Roost gold mine has also been commenced. All of this work has laid a solid foundation for the upcoming construction phase of the Rustlers Roost open-pit mine.

CHAIRMAN'S STATEMENT

Adhering to the principles of "safety, harmony and green", we always attach great importance to safety and environmental protection in its corporate governance. We have achieved zero fatality, casualty, occupational morbidity rate, environmental pollutions, and fires for six consecutive years as of the end of 2022. In 2022, we continued to implement efficient and energy-saving production processes to reduce energy consumption per metric ton of products, and actively sought to increase the proportion of renewable energy for our use, thereby reducing greenhouse gas emissions from our business activities. At the same time, as a supplier of clean energy materials, we are committed to providing more high-quality raw materials for the wind power industry to help achieve the goal of "carbon neutrality".

OUTLOOK

According to the statistics from Wind Power Voice, as of the end of 2022, the PRC's total scale of bidding for wind power projects in 2022 reached 109.3GW (including framework bidding), and at the same time, while 30% of the 54.15GW bid in 2021 were still not connected to the grid. It is expected that 2023 will be a year for certainty in wind power delivery. According to the forecast of China Electricity Council, in 2023, the PRC will newly add 65GW of wind power grid-connected installed capacity, representing a year-on-year increase of 72.73%.

Onshore wind power has now made a smooth transition from subsidies to parity and owners are more motivated to invest. The first batch of projects of wind and photoelectric power bases with a total installed capacity of 97.05GW will be put into operation in 2023. The second batch of projects are planned to build a total installed capacity of about 200GW and 255GW respectively during the 14th Five-Year Plan and the 15th Five-Year Plan at the wind and photoelectric power bases, and are being commenced in succession. Under the influence of the combination of technological progress and supply, in 2022, the price decline in offshore wind turbines and the speed-up process of large-scale wind turbines in the PRC were beyond our expectations. The maximum wind turbine capacity and the rotor diameter of the new off-line models have reached 18MW and 260m, and the continuous decrease in offshore wind power construction cost is expected to stimulate the further release of demand. In addition, the wind power manufacturers in the PRC have begun to accelerate their expansions at overseas wind power markets, and the increase in orders contributed by exports has significantly expanded.

The continuing growth in the scale of domestic and international wind power installed capacity, as well as the trend of large-scale wind power generation units and rapid development of offshore wind power in the wind power industry, are conducive to the market expansion of the Company's high-purity iron products. The Company will continue to leverage its advantages in resource, technology, production capacity and market in the high-purity iron sector to expand its production and sales of high-purity iron and consolidate its position as the "No. 1 supplier of wind power ductile casting iron in the PRC market".

In the first half of 2023, the EIA reports of Rustlers Roost open-pit gold mine will also be formally approved by the Australian government department. The Company will also speed up the completion of the definitive feasibility study of the project, and commence the mine construction as soon as possible to achieve early operation.

APPRECIATION

In 2022, all staff members overcame numerous difficulties and made every effort to ensure the smooth running of all operations on the premise of properly preventing and controlling the COVID-19 epidemic. On behalf of the Board, I would like to express my sincere gratitude to the management team and all staff of the Group for their efforts and dedication, as well as to the Shareholders and partners of the Company for their continuous support to the Company.

In order to thank the Shareholders for their support to the Company, the Company has paid an interim dividend of HKD0.02 per Share for 2022, and the Board did not recommend the payment of a final dividend as the net profit of the Company for the year 2022 recorded a loss.

After experiencing the most severe impact of COVID-19 infection from December 2022 to January 2023, the PRC government announced that it would adjust the COVID-19 infection from "Category A Infectious Disease" to "Category B Infectious Disease" with effect from 8 January 2023, which marked the gradual return to normalcy in all aspects of our society. So far, there are clear signs of recovery in all sectors. Warm spring brings blooming flowers and hopes. We believe that in 2023, the Company will return to its normal development path and deliver satisfactory results to all parties.

Mr. Yang Jiye
Chairman of the Board

FINANCIAL HIGHLIGHTS

RMB'000	**2022**	2021	2020	2019	2018 (Restated)	2018 (Unrestated)
Continuing operations:						
Revenue	**2,601,833**	3,126,648	2,675,912	2,251,882	2,828,272	1,165,491
Distribution and selling expenses	**77,003**	105,893	134,041	95,092	119,368	38,082
Administrative expenses	**201,730**	206,776	193,385	198,882	215,635	182,461
Finance costs	**68,485**	78,419	86,105	98,687	123,714	90,582
(Loss) profit for the year from continuing operations	**(53,010)**	659,403	377,772	332,161	403,796	184,922
Discontinued operation:						
Loss for the year from discontinued operation	**–**	–	–	(35,218)	(10,882)	(10,882)
(Loss) profit for the year	**(53,010)**	659,403	377,772	296,943	392,914	174,040
Net profit margin from continuing operations	**-2.04%**	21.09%	14.12%	14.75%	14.28%	15.87%
EBITDA from continuing operations	**240,812**	1,117,318	787,609	809,045	760,052	458,128
EBITDA margin from continuing operations	**9.26%**	35.74%	29.43%	35.93%	26.87%	39.31%
Earnings per share (RMB)	**(0.03)**	0.34	0.21	0.16	0.22	0.1
Assets	**3,362,804**	3,810,909	3,259,423	2,335,869	4,950,083	3,683,601
Liabilities	**2,081,468**	2,242,637	2,095,468	1,520,208	3,405,184	2,142,751
Return on net assets from continuing operations[1]	**-3.72%**	48.27%	38.17%	28.14%	25.12%	12.57%
Return on net assets[2]	**-3.72%**	48.27%	38.17%	25.16%	24.45%	11.83%
Return on total assets[3]	**-1.48%**	18.65%	13.50%	8.15%	7.64%	4.57%
Gearing ratio	**61.90%**	58.85%	64.29%	65.08%	68.79%	58.17%
Net gearing ratio[4]	**39.85%**	26.46%	54.99%	98.20%	58.37%	28.66%
Capital expenditure	**124,157**	352,027	332,438	355,016	470,490	457,432
(Loss) profit before tax from continuing operations	**(7,603)**	812,843	475,084	484,606	384,678	132,130
Profit before interest and tax from continuing operations	**60,882**	891,262	561,189	583,293	508,392	222,712
Interest coverage ratio[5]	**0.89**	11.37	6.52	5.91	4.11	2.46

1 Return on net assets from continuing operations is calculated as the profit (loss) for the year from continuing operations divided by average net assets.

2 Return on net assets is calculated as the profit (loss) for the year divided by average net assets.

3 Return on total assets is calculated as the profit (loss) for the year divided by average total assets.

4 Net gearing ratio is calculated by dividing net borrowings and bills payables net of borrowings and bills deposits as well as bank balance and cash by total equity.

5 Interest coverage ratio is calculated as the profit (loss) before interest and tax from continuing operations divided by finance costs.

Note 1: Due to the suspension of production for almost six months in 2019 for technological improvement of capacity expansion of high-purity iron business, the consolidated revenue and profit for the year from continuing operations of the Group for the year of 2019 decreased as compared with the restated data for 2018.

Note 2: In 2019, the Group has successfully acquired the high-purity iron business. As the acquisition represented a business combination involving entities under common control, the consolidated statement of profit or loss and other comprehensive income, the consolidated statement of changes in equity as well as the consolidated statement of cash flow for 2018 and the previous years and the consolidated statement of financial position as at 31 December 2018 and the previous years have all been restated so as to include the profit, assets and liabilities since the date when the combined entities first came under common control.

SUMMARY OF THE COMPANY'S BUSINESS

China Hanking Holdings Limited was incorporated in the Cayman Islands on 2 August 2010, and was listed on the Hong Kong Stock Exchange on 30 September 2011 (stock code: 03788).

The Group upholds the core value of "people-first and business integrity", adheres to the principles of "safety, harmony and green", and strives to perform the enterprises' social responsibilities.

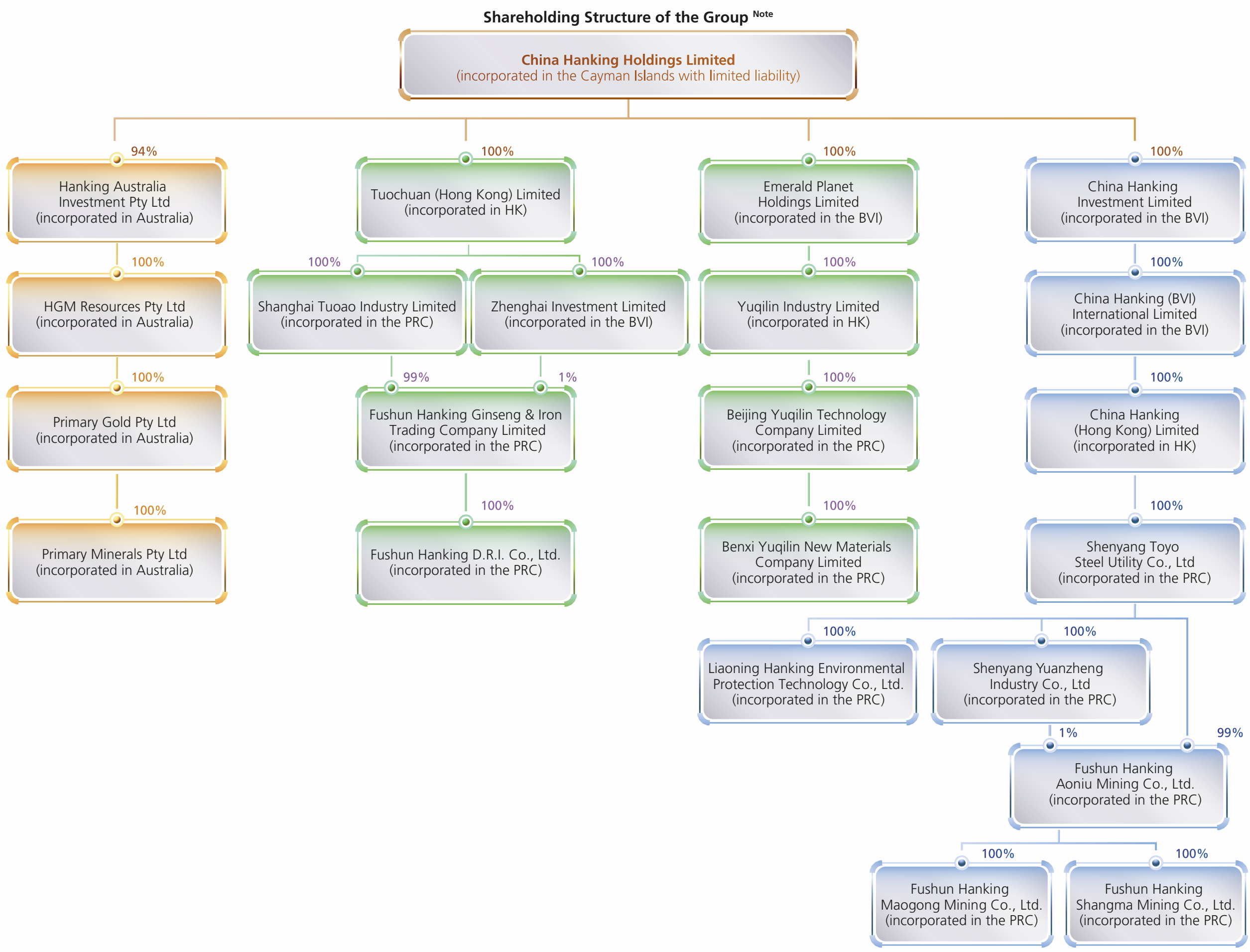
• IRON ORE AND HIGH-PURITY IRON BUSINESS IN CHINA

Thanks to the advantages of its own high-quality iron ore resources and unique technical process, the average grade of iron ore concentrate produced by Hanking is over 68%. Due to the minimal impurity contents of sulfur, phosphorus and titanium, together with the technical advantages accumulated over the years, high-purity iron products smelted by Hanking enjoy strong corrosion resistance and high tensile strength, thereby well meeting the casting requirements of major equipment in wind power, marine engineering and other sectors. Therefore, the Company's iron ore and high-purity iron business in China provide high-quality raw materials for clean energy wind power component casting enterprises. As at the end of the reporting period, Hanking had an annual production capacity of high-purity iron of 930 thousand metric tons, making it the largest supplier of wind power ductile casting iron in China's market.

• GOLD BUSINESS IN AUSTRALIA

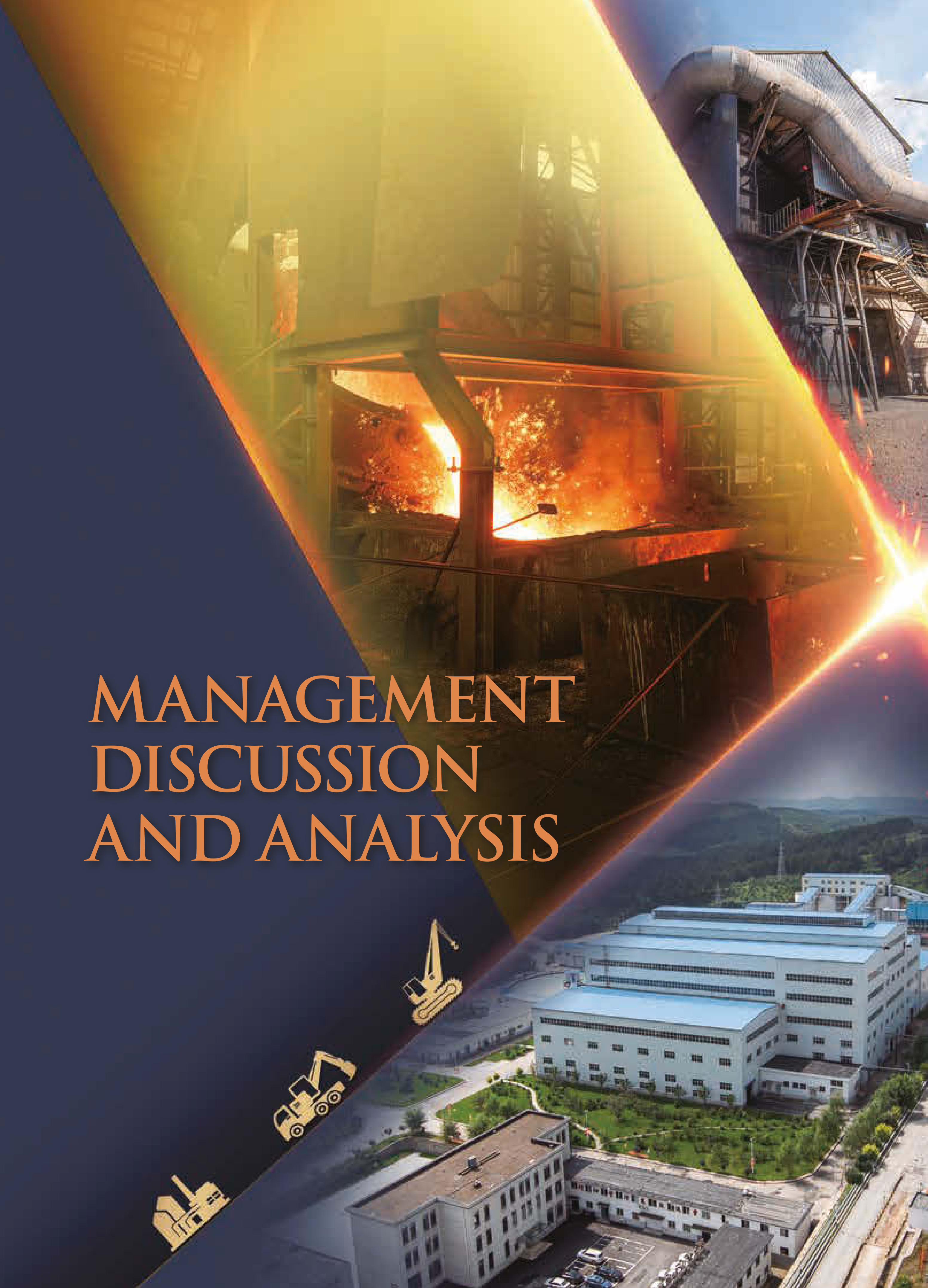
A team has been assembled by the Company in Australia since 2010, and the then subsidiary of the Company in Australia was established in 2011, which is headquartered in Perth, the capital of Western Australia. Over the last 10 years, by completing the complete closed loop of acquisition, resource exploration, relaunched production and operation and capitalization in respect of SXO Gold Project, Hanking Australia has developed a gold mining and operation team with outstanding performance and applied its experience to the existing PGO gold project, in an effort to create maximum value for the Shareholders.

SUMMARY OF THE COMPANY'S BUSINESS



Note This shareholding structure chart only sets out the principal subsidiaries of the Group as at 31 December 2022.

MANAGEMENT DISCUSSION AND ANALYSIS



MANAGEMENT DISCUSSION AND ANALYSIS

I. OPERATION REVIEW

1. The iron ore business has achieved remarkable achievements through scientific and technological innovation

The iron ore business of the Company insists on the development driven by scientific and technological innovation. Since 2019, the Company has taken the lead in building a smart mine system in the same industry in the PRC, with phased results achieved in 2022: the project "Integrated Platform for Production, Operation, Management and Control of Enterprises Involved in Smart Mine" successfully applied for a special fund of approximately RMB5 million for the development of industrial internet innovation in Liaoning Province; Aoniu Mine was identified as a professional, advanced and specialized new "Little Giant" enterprise in Liaoning Province; the Company's product, high-grade pure iron ore concentrate, was identified as a "technologically advanced" product in Liaoning Province; Aoniu Mine was re-certified as a national "High-tech Enterprise" after the expiry of its original certification.

2. Definitive feasibility study for the gold mine projects progressed as planned

The definitive feasibility study for the Company's gold mine projects in Australia commenced in the first half of 2022, including the renewal of the ore reserves for the projects, the selection of the final design for the mineral processing process, and the completion of the design of the tailings pond and the engineering geological drilling and testing related to the tailings pond design. The estimation on capital expenditure and operating cost and the financial model work for the projects are currently in progress.

II. HIGH-PURITY IRON BUSINESS

1. Industry situation

According to statistics from the National Energy Administration, as of the end of December 2022, the cumulative installed capacity of wind power in the PRC was about 370 million kilowatts, representing a year-on-year increase of 11.2%. Of which, approximately 37.6GW of wind power was newly installed in 2022, representing a year-on-year decrease of 21% as compared to 2021. In 2022, the newly installed capacity was less than expected, however, combined with the high boom in bidding data, demand in general showed a steady pick-up trend. According to the statistics from Wind Power Voice, as of the end of 2022, the PRC's total scale of bidding for wind power projects in 2022 reached 109.3GW (including framework bidding), and at the same time, 30% of the 54.15GW bid in 2021 were still not connected to the grid. It is expected that 2023 will be a year for certainty in wind power delivery.

2. Operation status

The product structure of the Company's high-purity iron business is mainly pig iron for high-end ductile casting, which is mainly characterized by extremely low content of harmful impurities such as phosphorus, sulfur, titanium and tension-active element, strong corrosion resistance and high tensile strength, and is positioned in the high-end market of the PRC's casting industry. This is attributable to the long-term and stable supply of high-quality raw iron ore concentrates from the Group's own mines on the one hand, and the Company's advantageous production process on the other hand. Established in 2002, Hanking D.R.I., a subsidiary of the Company, has more than 20 years of production experience and is currently a state-level "High-tech Enterprise", and its pig iron used for low TI upgraded wind power type ductile casting is a "technologically advanced" product in Liaoning Province.

The Company's high-purity iron business has an annual production capacity of 930,000 metric tons. Due to the influence of factors such as power restriction and epidemic control in Liaoning Province, one of the Company's major high-purity iron blast furnaces ceased production from the end of September 2021 to late March 2022, resulting in discontinuous production at that blast furnace. In 2022, the output of high-purity iron was 664,000 metric tons, representing an increase of 81,000 metric tons or 13.89% over the same period last year, and its sales volume was 616,000 metric tons, representing an increase of 2,000 metric tons or 0.33% over the same period last year, among which the sales volume of wind power ductile casting iron accounted for approximately 82% of the total sales volume, both of which failed to meet our expected targets. The discontinuous production affected the quality of pig iron produced in our furnaces, coupled with the fact that the price of coke, a major raw material, remained at a high level in 2022, resulting in a significant increase in the production cost of the Company's high-purity iron compared with the same period last year, and the lower quality of high-purity iron than before also had a negative impact on its average selling price, which in combination led to a loss in the high-purity iron business for the first time.

The high-purity iron business is now in normal continuous production with a planned annual output of approximately 800,000 metric tons in 2023. With the rebound in demand from the wind power industry, the Company will continue to leverage its advantages in resource, technology, production capacity and market in the high-purity iron sector to expand its production and sales of high-purity iron and consolidate its position as the "No. 1 supplier of wind power ductile casting iron in the PRC market".

Table 1 – Operation breakdown of high-purity iron business

	For the year ended 31 December		
	2022	2021	Change
Output (thousand metric tons)	**664**	583	13.89%
Sales volume (thousand metric tons)	**616**	614	0.33%
Average selling price (RMB per metric ton)	**3,520**	4,056	-13.21%
Average cost of sales (RMB per metric ton)	**3,638**	3,470	4.84%
Revenue (RMB thousand)	**2,286,985**	2,489,976	-8.15%
Gross profit (RMB thousand)	**-41,050**	359,768	-111.41%
Gross margin	**-1.79%**	14.45%	Down 16.24 percentage points

For the year ended 31 December 2022, capital expenditures of the high-purity iron business amounted to RMB12,916,000 (2021: RMB42,568,000), mainly representing expenditures on plant, machinery and equipment and property.

III. IRON ORE BUSINESS

1. Industry situation

In 2022, the domestic iron ore market experienced high prices and then low, and the continuous downturn in domestic real estate investment and the unexpected drop in overseas non-mainstream ore shipments caused the fundamentals of iron ore to show a pattern of weak supply and demand. The Federal Reserve initiated a series of aggressive interest rate hikes during the year, with the US dollar index hitting a 20-year high, depressing global commodity prices, including iron ore prices. In 2023, benefiting from the marginal improvement in demand for steel at the real estate end, total domestic demand for iron elements is expected to pick up slightly, overseas demand for steel will also recover as compared to this year, and with the turn of the Federal Reserve's monetary policy, global commodity prices are expected to start a new upward cycle.

2. **Operation status**

The iron ore resources of the iron ore business of the Company are situated at the well-known iron ore metallogenic belt of Anshan to Benxi where iron ore resource is rich and in good quality. The Group is committed to improving the quality of its iron ore concentrate products and continuously optimising its production processes. The average grade of iron ore concentrate produced in 2022 reached over 69%, and its content of sulfur, phosphorus and titanium impurities is low, which can significantly reduce the production cost for our customers. In 2022, due to the impact of the epidemic, domestic and international economic situation and policies, the average selling price of the Group's iron ore concentrate was RMB1,017 per metric ton, representing a year-on-year decrease of RMB183 per metric ton or 15.25%.

The Company's iron ore business has been the first in its industry to build a smart mine system in the PRC since 2019. In 2022, the integrated platform for production, operation, management and control was fully operational. The platform is built using technologies such as mobile internet, industrial cloud computing and industrial artificial intelligence, and provides a total solution from process automation to enterprise operation analysis to achieve a deep integration of information technology with the mineral processing production process. In 2022, the Company's "Integrated Platform for Production, Operation, Management and Control of Enterprises Involved in Smart Mine" project received a special fund of approximately RMB5 million for the development of industrial internet innovation in Liaoning Province.

In 2022, based on continuous technological transformation and management upgrading, Aoniu Mine was re-certified as a national "High-tech Enterprise" after the expiry of its original certification, with a validity period of three years. In 2022, the Company's product, high-grade pure iron ore concentrate, was identified as a "technologically advanced" product in Liaoning Province, and Aoniu Mine was identified as a professional, advanced and specialized new "Little Giant" enterprise in Liaoning Province, with a validity period of three years from 1 June 2022.

In 2022, affected by the closure of Aoniu Mine and the technical commissioning of Maogong Mine, the Group's iron concentrate output was 773,000 metric tons, representing a decrease of 279,000 metric tons or 26.52% compared with the same period last year. The decrease in production resulted in an increase in costs apportioned to a single metric ton of iron ore concentrate, however, the Group managed to control the average cash operating cost of a single metric ton of iron ore concentrate to RMB385 through continuously building a smart mine system and improvement in management efficiency, representing an increase of only RMB11 per metric ton or 2.94% compared with the same period last year.

In 2023, the Group plans to produce approximately 1 million metric tons of iron concentrate, which is mainly used to meet its own demand for high-purity iron, and to explore new application fields, aiming to enhance the premium of its products.

MANAGEMENT DISCUSSION AND ANALYSIS

Table 2 – Cash operation costs of the iron ore business

	For the year ended 31 December		
	2022 (RMB/metric ton of iron ore concentrate)	2021 (RMB/metric ton of iron ore concentrate)	Change
Mining	**177**	167	5.99%
Processing	**80**	70	14.29%
Transportation	**18**	21	-14.29%
Tax	**61**	74	-17.57%
Mine management	**49**	42	16.67%
Total	**385**	374	2.94%

Table 3 – Operation breakdown of iron ore business

	For the year ended 31 December		
	2022	2021	Change
Output of iron ore concentrates (thousand metric tons)	**773**	1,052	-26.52%
Sales volume of iron ore concentrates (thousand metric tons)	**762**	1,087	-29.90%
Average selling price (RMB per metric ton)	**1,017**	1,200	-15.25%
Average cost of sales (RMB per metric ton)	**404**	428	-5.61%
Revenue (RMB thousand)	**772,486**	1,304,377	-40.78%
Gross profit (RMB thousand)	**464,442**	839,776	-44.69%
Gross margin	**60.12%**	64.38%	Down 4.26 percentage points

For the year ended 31 December 2022, the capital expenditure of iron ore business was approximately RMB76,289,000 (2021: RMB126,022,000), mainly representing expenditure on plant, machinery and equipment, property and exploration.

3. Resources and reserves

Exploration activities

The Company is committed to identifying new ores in the existing mines and surrounding areas in order to have high-quality resources at a lower cost. In 2022, the Company focused on the deep exploration for concealed ore bodies in the Shangma and Maogong mining areas, with 127 holes drilled under construction. The exploration effect in the deep part of Shangma mining area is outstanding, with all drilled holes under construction showing mineralization, reflecting a significant potential for development of resources at the deep part of the mining area. The Company has initially estimated that the newly increased resources are very considerable, and is currently promoting the work of transforming the existing exploration results into resources.

As of the end of 2022, the Group owned approximately 93,760 thousand metric tons of iron ore resources.

Table 4 – Iron ore resources as at the end of 2022

	Indicated Resources		Inferred Resources		Total	
Mine	Metric ton	TFe (%)	Metric ton	TFe (%)	Metric ton	TFe (%)
Aoniu Mine	12,983,099	32.45	20,476,550	31.80	33,459,649	32.05
Maogong Mine	13,816,740	34.70	16,352,890	35.20	30,169,630	34.97
Shangma Mine	16,575,310	31.77	13,552,060	31.12	30,127,370	31.48
Total	43,375,149[1]	32.91	50,381,500[2]	32.72	93,756,649	33.02

1 The resources amount includes 22,270,759 metric tons of the resources amount which does not show on the mining licenses.

2 The resources amount includes 30,811,630 metric tons of the resources amount which does not show on the mining licenses.

Note 1: For the estimation of iron ore resources, firstly, the industrial parameters were determined in accordance with the requirements of the general standard of the geological exploration profession in the PRC "Geological and Exploration Standards for Iron, Manganese and Chrome Deposits" (DZ/T0200-2002); and then the "Geological Block" method was selected based on the geological characteristics of the ore bodies to estimate the amount of ore resources using the volume and specific gravity of ore body in each block. The resources category classification is based on the extent of geological exploration work carried out and comparable to the JORC Code.

Note 2: The figures do not imply precision and may not add up due to rounding. Mineral resources are quoted inclusive of mineral reserves.

As of the end of 2022, the Group owned approximately 19,490 thousand metric tons of JORC Code iron ore reserves.

Table 5 – Iron ore reserves as at the end of 2022

Mine	Reserves category	Increased amount for 2022 (metric ton)	Reserves at the end of 2022 (metric ton)	TFe (%)
Aoniu Mine	Probable Ore Reserve	0	0[1]	–
Maogong Mine	Probable Ore Reserve	0	6,756,000	33.49
Shangma Mine	Probable Ore Reserve	0	12,729,330	31.18
Total	Probable Ore Reserve	0	19,485,330	31.98

1 According to the latest dynamic monitoring report, the remaining iron ore reserves at Aoniu Mine are temporarily unexploitable because they are mainly located at the security pillars of the mine.

Note: In accordance with the JORC Code, ore resources are the economically mineable portion of the resources obtained through exploration and are determined based on mine feasibility study as well as actual operation parameters from the operations of relevant mines.

IV. GOLD BUSINESS IN AUSTRALIA

1. Industry situation

According to the report of the World Gold Council, in 2022, the annual gold demand rose to its highest level since 2011 due to the combined effects of strong gold buying by central banks, strong buying by individual investors and a slowdown in gold ETF outflows. In 2022, the annual gold demand (excluding over-the-counter (OTC) transactions) jumped to 4,741 metric tons, representing an increase of 18% as compared to last year. Total annual supply of gold increased by 2% to 4,755 metric tons in 2022. Gold production rose to a four-year high of 3,612 metric tons. The annual average of the LBMA midday gold price was a record high of US$1,800 per ounce in 2022. Despite the obvious headwinds from a strong US dollar and a global wave of interest rate hikes, the gold price at the year-end closing still recorded a modest gain. The average gold price was slightly weaker in the fourth quarter of 2022, both quarter-on-quarter and year-on-year, but experienced a significant rebound in November and has since maintained a sustained upward trend in the last few weeks of the year-end.

2. Operation status

The Company's Mt Bundy Gold Project in the Northern Territory has over 3 million ounces (approximately 100 metric tons) of gold resources and over 1.5 million ounces of gold reserves. The Rustlers Roost gold deposit, with over 1.2 million ounces of gold reserves and a low strip ratio of 1.4:1, is one of Australia's untapped open-pit mines with the largest reserves, lowest strip ratio and long life of operation.

The Northern Territory Government has awarded the Mt Bundy Gold Project as a "major project" and has established a working group with Hanking to coordinate and facilitate the project to obtain a development license. At present, the environmental impact assessment (EIA) for the underground-pit gold deposit Tom's Gully of the project has been approved and is in the approval process for the mine operation plan. The EIA reports for the open-pit gold deposits Rustlers Roost and Quest 29 have been published for three times with no significant objections received, and all supplementary materials required for the approval of the EIA reports have also been submitted to the environmental protection authorities for approval.

The definitive feasibility study for the Mt Bundy Gold Project is progressing as planned. We have renewed the ore reserves for the project, selected the final design for the mineral processing process, and completed the design of the tailings pond and the engineering geological drilling and testing related to the tailings pond design. The estimation on capital expenditure and operating cost and the financial model work for the project are currently in progress.

For the year ended 31 December 2022, the capital expenditure of the gold business was RMB24,213,000 (2021: RMB64,639,000), which was mainly used for exploration expenditures and expenditures on plant, machinery and equipment and property.

MANAGEMENT DISCUSSION AND ANALYSIS

3. Resources and reserves

As of the end of 2022, the Group had JORC Code resources of approximately 3.01 million ounces of gold at an average grade of 0.9 gram/ton and reserve of approximately 1.56 million ounces of gold at an average grade of 0.9 gram/ton.

Table 6 – Gold mine resources as at the end of 2022

	Indicated Resources			Inferred Resources			All Resources		
	Ore resources *(Mt)*	Grade *(g/t)*	Contained Metal *(Koz Au)*	Ore resources *(Mt)*	Grade *(g/t)*	Contained Metal *(Koz Au)*	Ore resources *(Mt)*	Grade *(g/t)*	Contained Metal *(Koz Au)*
Mt Bundy Project									
Rustlers Roost	63.4	0.8	1,533	28.4	0.5	491	91.9	0.7	2,023
Quest 29	8.3	1.0	261	5.9	1.1	207	14.2	1.0	468
Tom's Gully	2.3	6.3	459	0.3	6.1	55	2.5	6.3	514
Total	74	0.9	2,253	35	0.7	753	109	0.9	3,006

Note: The figures do not imply precision and may not add up due to rounding.

Table 7 – Gold mine reserves as at the end of 2022

	Resource Category	Ore reserves *(Mt)*	Grade *(g/t)*	Contained Metal *(Moz Au)*
Mt Bundy Project				
Rustlers Roost	Probable	48.5	0.8	1.24
Quest 29	Probable	5.1	0.9	0.14
Tom's Gully	Probable	0.8	6.9	0.18
Total	Probable	54.4	0.9	1.56

4. Share Option Scheme

In order to motivate the employees to participate in the development of the Company in concerted efforts, the Company adopted the share option scheme of Hanking Australia (the "**Scheme**") on 25 January 2019. The Scheme is not subject to the disclosure requirement under Chapter 17 of the Listing Rules as Hanking Australia is not a principal subsidiary of the Company.

Participants of the Scheme ("**Eligible Persons**") include (i) a full-time or part-time employee of Hanking Australia and its related bodies corporate ("**HAI Group Company**") (including an executive director); (ii) a non-executive director of a HAI Group Company; (iii) any person the board of directors of Hanking Australia (the "**HAI Board**") determines to be a key person when issuing or granting the options ((i), (ii), and (iii) are collectively referred to as "**Key Person**"); (iv) an immediate family member of a Key Person; or (v) a family trust, superannuation fund or body corporate controlled by a Key Person.

The HAI Board was entitled at any time, within 48 months after the date of adoption of the Scheme, to make an offer of the grant of an option to any participant. The Scheme has expired on 25 January 2023, and hence no further options may be granted under the Scheme, but the provisions of the Scheme shall remain in force to the extent necessary to give effect to the exercise of the options granted or exercised prior thereto or otherwise as may be required in accordance with the provisions of the Scheme.

The Scheme does not contain any minimum period(s) for which an option must be held before it can be exercised. However, at the time of grant of the options, Hanking Australia may specify any such minimum period(s).

No amount is required to be paid by the Eligible Persons for acceptance of an offer for grant of option under the Scheme.

The exercise price of the options granted under the Scheme was determined and approved by the HAI Board based on the recommendation of the independent tax adviser, the fair market price and the performance of the staff.

The Scheme mandate limit is 10% of the shares of Hanking Australia (the "**HAI Shares**") in issue on the date on which the Scheme was adopted, being 21,000,000 HAI Shares. As at 31 December 2022, 25 January 2023 (date of expiry of the Scheme) and the date of this report, a total of 21,000,000 HAI Shares (including outstanding options to subscribe for 11,250,000 HAI Shares that have been granted but not yet lapsed or exercised as at that date) (representing approximately 10% of the issued share capital of Hanking Australia as at 25 January 2023 and the date of this report) were available for issue under the Scheme. The number of HAI Shares to be issued upon exercise of all these options represented approximately 5.36% of the issued share capital of Hanking Australia as at 31 December 2022, 25 January 2023 and the date of this report.

MANAGEMENT DISCUSSION AND ANALYSIS

Subject to the approval of the Shareholders, no option may be granted to any person if the total number of HAI Shares issued and to be issued upon the exercise of options granted and to be granted under the Scheme and any other share option scheme of Hanking Australia to such grantee in any 12-month period exceeds 1% of the total issued HAI Shares from time to time.

Where any options to be granted to a substantial Shareholder or independent non-executive Director, or any of their respective associates, would result in the HAI Shares issued and to be issued upon exercise of all the options granted and to be granted under the Scheme (including options exercised, cancelled and outstanding) to such person in the period of 12 months up to and including the date of the grant representing in aggregate over 0.1% of the HAI Shares in issue, the further grant of options must be approved by the Shareholders in general meeting.

The period within which the options under the Scheme must be exercised will be specified by Hanking Australia at the time of grant, and must expire no later than ten years from the date on which the options are to be issued unless the Company obtains separate Shareholders' approval in relation to such grant.

During the year ended 31 December 2022, details of movements in the options under the Scheme are as follows:

Category and name of grantees	Outstanding at 1 January 2022	Granted during the year	Exercised during the year	Cancelled during the year	Lapsed during the year	Outstanding at 31 December 2022	Exercise price per HAI Share AUD	Date of grant	Exercisable period
	Options to subscribe for HAI Shares *(Note)*								
Director of Hanking Australia									
Dr. Qiu Yumin	0	4,200,000	0	0	0	4,200,000	0.2	29 August 2022	12 October 2022 to 28 August 2026
Employees of Hanking Australia	2,950,000	0	0	0	0	2,950,000	0.286	27 April 2020	27 April 2020 to 26 April 2024
	1,000,000	0	0	0	0	1,000,000	0.3	27 April 2020	27 April 2020 to 26 April 2024
	1,800,000	0	0	0	0	1,800,000	0.39	10 December 2020	10 December 2020 to 9 December 2024
	0	1,300,000	0	0	0	1,300,000	0.429	6 July 2022	6 July 2022 to 5 July 2026
Sub-total	5,750,000	1,300,000	0	0	0	7,050,000			
Total	**5,750,000**	**5,500,000**	**0**	**0**	**0**	**11,250,000**			

Notes: 1. As the HAI Shares are not publicly listed on any stock exchange as at the date of this report, no information with respect to the closing price of the HAI Shares is available.

2. For details of fair value and exercise price of the options, please refer to note 42 to the consolidated financial statements.

V. PROSPECT AND COUNTERMEASURES

Mineral resources are the cornerstones of the Group's business. In terms of domestic business, the Group will proceed with exploration in the existing mines and surrounding areas and promote the work of transforming the existing exploration results into resources to continuously enhance the Group's high quality iron ore resources reserves; and continuously optimize its management through smart mine construction to solidify its competitive advantages with high-quality and low cost. In 2023, the Group plans to produce approximately 1 million metric tons of iron concentrate, which is mainly used to meet its own demand for high-purity iron, and to explore new application fields, aiming to enhance the premium of its products.

In 2023, the Group plans to produce approximately 800,000 metric tons of high-purity iron, taking advantage of Hanking's resources, production capacity, technology and market advantages in the field of high-purity iron to expand the sales volume of high-purity iron, provide high-quality raw materials for the wind power industry and consolidate its position as the "No. 1 supplier of wind power ductile casting iron in the PRC market".

In 2023, the gold business of the Group will proceed with exploration to increase the resource reserves of existing mines, and focus on the feasibility study and development of the projects.

The Board would like to emphasize that due to the uncertainties in metal prices, the domestic raw materials market and the production environment, the above plans are made solely on the basis of the current market situation and the existing conditions of the Group. The Board may adjust the relevant production plan according to the changes in the situation.

SAFETY, ENVIRONMENTAL PROTECTION, EMPLOYEE AND REMUNERATION POLICY

As at 31 December 2022, the Group had a total of 1,760 employees (as at 31 December 2021: 1,725 employees). For the year ended 31 December 2022, the aggregate remuneration expenses and other employee benefits costs of the Group amounted to approximately RMB196,444,000 (2021: RMB185,798,000). Employee costs included basic salary, commission and bonus, housing allowance, pension, medical insurance, occupational injury insurance and other insurances required by the government. In accordance with the remuneration policy of the Company, the income of employees is related to the performance of individual employees and the operating performance of the Company. The Company carried out performance assessment to motivate employees, so as to enhance its operating performance. In order to improve the overall quality and professional skills of the employees, the Group has developed and implemented the Administrative System on Training.

For details on safety, environmental protection and employee development of the Group for the year 2022, please refer to the Environmental, Social and Governance Report of the Company for the year 2022 to be published on the website of the Hong Kong Stock Exchange at www.hkexnews.hk and the Company's website at www.hankingmining.com.

FINANCIAL REVIEW

1. Revenue, Cost of Sales, Gross Profit

For the year of 2022, revenue from the Group was RMB2,601,833,000, representing a decrease of RMB524,815,000 or 16.79% as compared to last year. The decrease was mainly due to the fact that: 1) the selling price of high-purity iron in 2022 decreased by RMB536/metric ton and the sales volume increased by 2,000 metric tons as compared to last year, resulting in a decrease in revenue of RMB269,213,000; and 2) the sales price of iron ore concentrate decreased by RMB183/metric ton and the sales volume of iron ore concentrate decreased as compared to last year in 2022, resulting in a decrease in revenue of iron ore concentrate of RMB203,548,000.

For the year of 2022, cost of sales incurred by the Group amounted to RMB2,243,830,000, representing an increase of RMB332,527,000 or 17.40% as compared to last year, mainly due to the significant increase in the cost per metric ton of high-purity iron resulted from the discontinuous production and high prices of raw materials such as coke as a result of power restrictions and other factors in 2022.

For the year of 2022, gross profit of the Group was RMB358,003,000, representing a decrease of RMB857,342,000 or 70.54% over last year. As compared to last year, gross margin of the Group decreased from 38.87% to 13.76% in 2022.

Analysis on the revenue by major products

	For the year ended 31 December 2022 ***RMB'000***				For the year ended 31 December 2021 *RMB'000*			
	Iron Ore Business	**High-purity Iron Business**	**Others**	**Total**	Iron Ore Business	High-purity Iron Business	Others	Total
Iron Ore Concentrates	**320,131**	**95,540**	**–**	**415,671**	619,219	–	–	619,219
High-purity Iron	**–**	**2,169,747**	**–**	**2,169,747**	–	2,438,960	–	2,438,960
Others	**2,489**	**10,413**	**3,513**	**16,415**	3,230	44,086	21,153	68,469
Total	**322,620**	**2,275,700**	**3,513**	**2,601,833**	622,449	2,483,046	21,153	3,126,648

Note: The above revenue was eliminated by the internal transactions among various segments. The internal transactions mainly included the purchase of iron ore concentrates by high-purity iron segment from iron ore segment. Such transactions have been eliminated when consolidating the financial statements.

2. Other Income, Other Gains and Losses, Expected Credit Losses

For the year of 2022, other income of the Group was RMB27,179,000, representing an increase of RMB9,642,000 or 54.98% over last year. Other income mainly represented interest income.

For the year of 2022, other losses of the Group were RMB19,992,000, representing an increase of RMB5,518,000 or 38.12% over last year. Other losses mainly consisted of the impairment loss of assets, foreign exchange losses, disposal gains or losses of available-for-sale financial assets, net gain from disposal of subsidiaries, net gain or loss from disposal of properties, plants and equipment, and other overheads, etc.

During the year, the long-term assets were reviewed by the Group to determine whether the carrying amount exceeded the recoverable amount of the assets, and an impairment assessment was conducted if any such indication existed, the recoverable amount was calculated, and an impairment loss of RMB18,822,000 was provided accordingly. The recoverable amount was determined based on a value in use calculation. The calculation used the Group's cash flow projections, discount rate and other key assumptions, including sales and gross margin, etc.

For the year of 2022, the expected credit loss of the Group was RMB13,297,000, representing an increase of RMB10,432,000 or 364.12% as compared to last year, mainly due to the fact that the Group has, upon more due consideration, made provision for an impairment loss on receivables under expected credit loss model according to the historical settlement pattern, industry practice, the Group's historical actual loss experience and general economic conditions of the industry in which the debtors operate during the year.

3. Distribution and Selling Expenses, Administrative Expenses

For the year of 2022, the distribution and selling expenses of the Group were RMB77,003,000, representing a decrease of RMB28,890,000 or 27.28% as compared to last year, which was mainly due to: 1) the decrease in sales volume of iron ore concentrate of approximately 325,000 metric tons as compared to last year resulted in a decrease of RMB9,669,000 in the distribution and selling expenses; and 2) the change in delivery distance of customers in the high-purity iron business resulted in a decrease of approximately RMB14,603,000 in the distribution and selling expenses. Selling and distribution expenses consisted of transportation expenses, labour expenses and others.

For the year of 2022, the administrative expenses of the Group were RMB201,730,000, representing a decrease of RMB5,046,000 or 2.44% as compared to last year. Administrative expenses included remuneration paid to the management and administrative staff of the Group, depreciation and amortization, leasing and office expenses, business development expenses, professional consultation and service expenses, taxation expenses, bank charges and others.

4. Finance Costs and Income Tax Expense

For the year of 2022, the finance costs of the Group were RMB68,485,000, representing a decrease of RMB9,934,000 or 12.67% as compared to last year. Finance costs included interest expenses on bank borrowings, discount expenses and other finance expenses. The decrease in finance costs for the year as compared to last year was mainly due to the decrease in interest expenses and discounted interest.

For the year of 2022, the income tax expense of the Group was RMB45,407,000, representing a decrease of RMB108,033,000 or 70.41% as compared to the income tax charge last year. Income tax expense included the total amount of current tax payable and deferred tax.

5. Loss/Profit for the Year and Total Comprehensive Loss/Income

Based on the aforesaid reasons, the Group's loss for the year of 2022 was RMB53,010,000, representing a decrease of RMB712,413,000 or 108.04% as compared to last year's profit.

Based on the loss for the year, and affected by the changes in fair values of financial assets measured at fair value through other comprehensive income and foreign currency translation etc., the total comprehensive loss of the Group for the year of 2022 was RMB48,016,000, representing a decrease of RMB685,114,000 or 107.54% as compared to last year's income.

6. Property, Plant and Equipment, Inventories, Intangible Assets

As at 31 December 2022, the net value of property, plant and equipment of the Group was RMB822,384,000, representing a decrease of RMB73,638,000 or 8.22% as compared to the end of last year.

As at 31 December 2022, the inventories of the Group were RMB395,029,000, representing an increase of RMB168,671,000 or 74.52% as compared to the end of last year, mainly due to the increase in inventories of the high-purity iron segment.

As at 31 December 2022, the intangible assets of the Group were RMB415,769,000, representing an increase of RMB24,552,000 or 6.28% as compared to the end of last year. The increase was mainly due to the exploration expenditure on iron ore and gold ore during the year.

7. Trade and Other Receivables, Trade and Other Payables

As at 31 December 2022, trade receivables of the Group were RMB88,006,000, representing an increase of RMB9,466,000 as compared to the end of last year.

As at 31 December 2022, other receivables of the Group were RMB122,415,000, representing a decrease of RMB36,931,000 as compared to the end of last year.

According to the requirements of IFRS 9 Financial Instruments, the Group has classified the bills receivables as the receivables at fair value through other comprehensive income based on the characteristics of the business model and contractual cash flow. The fair value and expected credit losses were assessed by the Group at the end of the reporting period, with the changes in the fair value included in other comprehensive income and the expected credit losses included in impairment losses under expected credit loss model.

As at 31 December 2022, bills receivables of the Group (bank acceptance bills) were RMB114,399,000, representing a decrease of RMB282,190,000 as compared to the end of last year, of which undiscounted and unendorsed bank acceptance bills were RMB16,547,000. Such bills can be discounted at any time to satisfy the capital requirement.

As at 31 December 2022, trade payables of the Group were RMB166,033,000, representing an increase of RMB38,012,000 as compared to the end of last year. As at 31 December 2022, other payables of the Group were RMB221,927,000, representing a decrease of RMB71,612,000 as compared to the end of last year, mainly due to the payment of consideration payable of RMB64,800,000 in the current year.

8. Cash Use Analysis

The summary of the Group's consolidated statement of cash flows for the year of 2022 is set out below:

	For the year ended 31 December	
	2022	2021
	RMB'000	*RMB'000*
Net cash flows from operating activities	**194,059**	1,003,573
Net cash flows from investing activities	**(43,677)**	(489,958)
Net cash flows from financing activities	**(298,889)**	(421,437)
Net (decrease)/increase in cash and cash equivalents	**(148,507)**	92,178
Cash and cash equivalents at the beginning of the year	**279,491**	181,244
Effect of changes in foreign exchange rate on cash and cash equivalents	**3,427**	6,069
Cash and cash equivalents at the end of the year	**134,411**	279,491

The net cash inflow from operating activities during the year of 2022 was RMB194,059,000. The amount was mainly attributed to the loss before tax of RMB7,603,000, together with depreciation and amortization of RMB161,108,000, finance costs of RMB68,485,000 and the net change in working capital of RMB37,825,000, which were offset by the payment of income tax of RMB90,088,000.

For the year of 2022, the net cash outflow from investing activities amounted to RMB43,677,000. This amount mainly included the amount of RMB87,424,000 paid for the addition of plant and equipment as well as acquisition of properties in order to achieve expansion of production capacity and technological upgrade, the amount of RMB58,015,000 paid for the acquisition of intangible assets, the amount of RMB9,708,000 as payment for the purchase of right-of-use assets, the amount of RMB64,800,000 paid for the consideration payable for the acquisition, the amount of RMB9,000,000 as payment for the investment in an associate and the net recovery of borrowings and bills deposits of RMB155,837,000.

For the year of 2022, the net cash outflow from financing activities was RMB298,889,000, which was mainly from the new bank borrowings of RMB475,900,000, the repayment of bank borrowings of RMB514,163,000, the settlement of interest on loans of RMB66,572,000, the payment made for share repurchase of RMB5,641,000 and the payment of dividend of RMB237,929,000.

MANAGEMENT DISCUSSION AND ANALYSIS

9. Cash and Borrowings

As at 31 December 2022, the available cash and bank acceptance bills of the Group amounted to RMB150,958,000, representing a decrease of RMB410,784,000 or 73.13% as compared to the end of last year.

Breakdown of Available Cash and Bank Acceptance Bills

	31 December 2022 ***RMB'000***	31 December 2021 *RMB'000*	Changes Amount *RMB'000*	Changes Ratio
Cash and bank balance	**134,411**	279,491	-145,080	-51.91%
Bank acceptance bills (undiscounted)	**16,547**	282,251	-265,704	-94.14%
Available cash and bank acceptance bills	**150,958**	561,742	-410,784	-73.13%

As at 31 December 2022, bills payables and borrowings of the Group amounted to RMB770,000,000 and RMB598,400,000, respectively, and the amount net of borrowings and bills deposits was RMB644,983,000, representing a decrease of RMB49,426,000 or 7.12% as compared to the end of the last year.

Breakdown of Borrowings and Bills Payables

	31 December 2022 ***RMB'000***	31 December 2021 *RMB'000*	Changes Amount *RMB'000*	Changes Ratio
Borrowings – due within one year	**541,400**	514,163	27,237	5.30%
Borrowings – due after one year	**57,000**	122,500	-65,500	-53.47%
Subtotal	**598,400**	636,663	-38,263	-6.01%
Bills payables	**770,000**	937,000	-167,000	-17.82%
Total	**1,368,400**	1,573,663	-205,263	-13.04%
Less: borrowings and bills deposits	**723,417**	879,254	-155,837	-17.72%
Net borrowings and bills payables	**644,983**	694,409	-49,426	-7.12%

Save for the information disclosed above or otherwise in this report, the Group has no outstanding mortgage, pledge, debentures or other loan capital issued or agreed to be issued, bank overdrafts, loans, liabilities under acceptance or other similar liabilities, hire purchase and finance lease commitments, or any guarantees or other material contingent liabilities. The Directors have confirmed that, save as disclosed above, there was no material change in the debts or contingent liabilities of the Group since 31 December 2021.

10. Gearing Ratio

The gearing ratio, as calculated by dividing total liabilities by total assets, of the Group increased from 58.85% as at 31 December 2021 to 61.90% as at 31 December 2022.

As at 31 December 2022, the net gearing ratio of the Group was 39.85%. The net gearing ratio is calculated by dividing net borrowings and bills payables net of borrowings and bills deposits as well as bank balance and cash by total equity.

11. Major Risks

Commodity price risk: The prices of the Group's products are influenced by international and domestic market prices and changes in global supply and demand for such products. Price volatility of non-ferrous metals is also affected by the global and PRC economic cycles as well as the fluctuations of the global currency markets. Both the international and domestic market prices of non-ferrous metals as well as the volatility of their supply and demand are beyond the control of the Company. Therefore, the volatility of commodity prices may materially affect the turnover and the comprehensive income of the Group.

State policy risk: The Group owns assets in China and Australia, which may amend their policies according to any changes in the macro environment from time to time. Changes in policies are beyond the control of the Group, which will have a material effect on the operation of the Group.

Interest rate risk: The interest rate risk in the fair value of the Group mainly relates to the bank borrowings. The management of the Group will continue to monitor the loan portfolio and interest rate risks of the Group, and may consider taking appropriate measures to hedge material interest rate risks when necessary.

Foreign exchange risk: As of the date of this report, the reporting currency of the Group was RMB. Since RMB is not freely convertible, the risk that the Chinese government may take measures to interfere exchange rates may bring effects to the Group's net asset value, profit and the dividends declared to the extent that such dividends are subject to foreign exchange. In addition, the Group owns assets in Australia. Their assets and liabilities are denominated in AUD, which are subject to fluctuation in the foreign exchange rate and may affect the net assets value and profit of the Group to some extent. The management of the Group will continue to monitor the currency matching between the revenue and costs of the Group and exchange risks, and may consider taking appropriate measures to hedge material exchange risks when necessary.

12. Pledge of Assets and Contingent Liabilities

Some of the bank borrowings and bills payables of the Group are secured by bank deposits, property, plant and equipment, mining rights as well as right-of-use assets. As at 31 December 2022, the net carrying value of the pledged bank deposits, property, plant and equipment, mining rights and right-of-use assets amounted to RMB723,417,000, RMB39,531,000, RMB60,031,000 and RMB9,095,000 respectively.

As at 31 December 2022, the Group had no material contingent liabilities.

13. Capital Commitment

As at 31 December 2022, the capital commitment of the Group was RMB3,840,000, representing a decrease of RMB42,008,000 or 91.62% as compared to last year. The capital commitment mainly included the expenditure of RMB3,617,000 on water treatment plants of gold mines in Australia and the relevant explorations, etc.

14. Capital Expenditure

The Group's capital expenditure decreased from RMB234,146,000 in 2021 to RMB124,157,000 in 2022. Expenditure incurred in 2022 mainly included (i) expenditure for plants, machines and equipment and properties amounting to RMB66,098,000; (ii) expenditure for intangible assets amounting to RMB43,015,000; and (iii) increase of RMB15,044,000 in right-of-use assets.

15. Significant Investments Held

As at 31 December 2022, the Group did not hold any significant investments.

16. Material Acquisitions and Disposals of Subsidiaries, Associated Companies and Joint Ventures

The Group had no material acquisitions or disposals of subsidiaries, associated companies and joint ventures during the year of 2022.

17. Significant Subsequent Events

Save as disclosed in this report, there were no other significant events taken place subsequent to the end of the year ended 31 December 2022.

REPORT OF THE DIRECTORS

1. PRINCIPAL ACTIVITIES

Being a high-quality material supplier for the new energy industry, the Company relies on its own high-quality iron ore resources to produce wind power ductile casting iron products, and also engages in the development of gold mine projects in Australia. Details of the principal subsidiaries of the Company are set out in note 41 to the consolidated financial statements.

2. BUSINESS REVIEW

A review of the business of the Group during the year and a discussion on the future business development are provided in the section headed "Chairman's Statement" of this annual report. Description of possible risks and uncertainties that the Group may be facing can be found in paragraph 11 "Major Risks" of the section headed "Financial Review". Also, the financial risk management objectives and policies of the Group can be found in note 48 to the consolidated financial statements. A financial summary of the Group is provided on page 6 of this annual report, setting out an analysis of the Group's performance during the year using key financial performance indicators. In addition, discussions on the Group's environmental policies, relationships with its stakeholders and the Group's compliance with the relevant laws and regulations which have a significant impact on the Group are contained in the sections headed "Corporate Governance Report" and "Report of the Directors" of this annual report respectively, which can also be found in the Environmental, Social and Governance Report of the Company.

3. RESULTS

The profit of the Group for the year ended 31 December 2022, and the position of the Company and the Group as at that date are set out on pages 74 to 76 of this annual report.

4. PROPERTY, PLANT AND EQUIPMENT

Details of movements in the property, plant and equipment of the Group and the Company for the year ended 31 December 2022 are set out in note 19 to the consolidated financial statements.

5. SHARE CAPITAL

As at 31 December 2022, the total number of authorized Shares of the Company was 10,000,000,000 Shares with a par value of HKD0.1 each, the total authorized capital was HKD1,000,000,000, and the number of Shares in issue was 1,960,000,000 Shares. During the year, there was no change in the share capital of the Company.

REPORT OF THE DIRECTORS

6. PRE-EMPTION RIGHT

Pursuant to the Articles of Association of the Company and the laws of the Cayman Islands (the place where the Company was incorporated), no provision in relation to pre-emption rights shall be applicable to the Company.

7. DISTRIBUTABLE RESERVE

The share premium of the Company is available for paying distributions or dividends to the Shareholders subject to the provisions of the Articles of Association and provided that immediately following the distribution or dividend payment the Company is able to pay its debts as they fall due in the ordinary course of business. In accordance with the Articles of Association, dividends can be distributed out of the profits, special reserve and share premium of the Company. The Company's reserve available for distribution to the Shareholders as at 31 December 2022 amounted to approximately RMB2,709,000.

8. DIVIDEND

During the reporting period, the Company declared and distributed a dividend of HKD0.12 per Share for the year ended 31 December 2021 to the owners of the Company whose names appeared on the register of members on 8 June 2022, totaling HKD235,200,000 (equivalent to RMB202,298,000). The Company declared and distributed a dividend of HKD0.02 per Share for the six months ended 30 June 2022 to the owners of the Company whose names appeared on the register of members on 12 October 2022, totaling HKD39,200,000 (equivalent to RMB35,550,000). Details of which are set out in the interim results announcement of the Company dated 26 August 2022.

Dividend Policy

The payment and amount of any dividends will be determined at the discretion of the Directors by taking into account relevant factors, including but not limited to the earnings, capital requirements, surplus, financial condition and future development of the Company. In addition, the constitutional documents of the Company and the Companies Law set forth requirements related to the declaration, payment and amount of dividends. Under the constitutional documents of the Company and the Companies Law, payment of proposed dividends out of the share premium account is possible, provided that the Company is able to fully settle its debts when they fall due in the ordinary course of business.

The ability to declare future dividends will also depend on the availability of dividends, if any, received from PRC operating subsidiaries. Pursuant to the PRC laws, dividends may only be paid out of distributable profits, which represent the retained profits after tax, as defined in the PRC GAAP, less any reversal of accumulated losses and the required allocations to statutory reserves made by PRC operating subsidiaries of the Company. In general, the Company will not declare dividends in a year where the Company does not have any distributable profits.

Subject to the factors described above, it was the intention of the Company to distribute to the owners of the Company not less than 30% of our annual distributable profit attributable to owners of the Company in respect of each financial year. However, such intention provides no guarantee or representation or indication that the Company must or will declare and pay dividends in such manner or declare. The Company cannot assure the Shareholders that dividends will be paid in the future or as to the timing of any dividends that may be paid in the future.

The Board did not recommend the payment of a final dividend for the year ended 31 December 2022 to the Shareholders.

Closure of Register of Members

The annual general meeting of the Company is scheduled to be held on Wednesday, 24 May 2023. The register of members of the Company will be closed from Wednesday, 17 May 2023 to Wednesday, 24 May 2023 (both days inclusive) to determine the entitlement to attend and vote at the annual general meeting. In order to attend and vote at the 2023 annual general meeting of the Company, all transfer documents accompanied by the relevant share certificates must be lodged with the Company's share registrar in Hong Kong, Computershare Hong Kong Investor Services Limited at Shops 1712-1716, 17th Floor, Hopewell Centre, 183 Queen's Road East, Wanchai, Hong Kong, for registration no later than 4:30 p.m. on Tuesday, 16 May 2023.

9. PURCHASE, REDEMPTION OR SALE OF LISTED SECURITIES OF THE COMPANY

Save as disclosed in the paragraph 17 headed "Restricted Share Award Scheme" below, for the year ended 31 December 2022, the Company or its subsidiaries did not purchase, sell or redeem any listed securities of the Company.

10. MAJOR CUSTOMERS AND SUPPLIERS

For the year ended 31 December 2022, according to the Listing Rules, the purchase from the Company's five largest suppliers in aggregate accounted for 79.03% of the Company's total purchase for the year. In particular, the total purchase from the largest supplier accounted for 41.22% of the Company's total purchase for the year.

For the year ended 31 December 2022, the sales to the Company's five largest customers in aggregate contributed 30.80% to the Company's total sales for the year. In particular, the sales to the largest customer contributed 9.90% to the Company's total sales for the year.

So far as the Directors are aware, none of the Directors and close associates (as defined in the Listing Rules) of the Directors or Shareholders (who, to the knowledge of the Directors, own more than 5% of the Company's issued share capital) had any interest in the five largest suppliers or customers during the year.

KEY RELATIONSHIP WITH EMPLOYEES, SUPPLIERS AND CUSTOMERS

Employees

The Group recognises that employees are its most important and valuable assets, while striving to develop a fair, respectful, diversified, cooperative and friendly corporate culture and working environment. With a view to enhancing the satisfactory level of the staff, the Group provides the staff with competitive remuneration packages and implements a sound performance appraisal system with appropriate incentives, and offers comprehensive training programmes, so as to encourage the staff to reach their full potential and contribute their talents.

Suppliers and customers

The Group has formulated criteria for selection of suppliers, in terms of their product offers and operational scale, etc. The Group strives to cooperate and maintain communication with its suppliers to achieve mutual benefit and prosperity for all. The Group strives to provide stable and long term supply of quality products to its customers. During the year ended 31 December 2022, the Group had maintained good working relationship with its suppliers and customers.

For further details, please refer to the Environmental, Social and Governance Report of the Company.

11. BANK LOANS AND OTHER BORROWINGS

Details of bank loans and other borrowings of the Group as at 31 December 2022 are set out in note 36 to the consolidated financial statements.

12. DIRECTORS AND SENIOR MANAGEMENT

The following table sets forth certain information concerning the Directors and senior management of the Company during the year and up to the date of this report:

Name	Position in the Group	Date of Appointment/Re-election	Position and Date of Resignation
Yang Jiye	Executive Director, Chairman of the Board and Chief Executive Officer and President	Appointed as Chief Executive Officer and President on 20 March 2018 Re-elected as executive Director on 27 May 2021	N/A
Zheng Xuezhi	Executive Director, Chief Operating Officer and Executive Vice President	Re-elected as executive Director on 27 May 2021 Appointed as Chief Operating Officer and Executive Vice President on 23 March 2023	N/A
Qiu Yumin	Executive Director, Vice President and chief executive officer and president of Hanking Australia	Appointed as chief executive officer and president of Hanking Australia on 25 July 2016 Re-elected as executive Director on 26 May 2022	N/A
Xia Zhuo	Non-executive Director	Re-elected as non-executive on 26 May 2022	N/A
Kenneth Lee	Non-executive Director	Re-elected as non-executive Director on 28 May 2020	N/A
Wang Ping	Independent non-executive Director	Re-elected as independent non-executive Director on 26 May 2022	N/A
Wang Anjian	Independent non-executive Director	Re-elected as independent non-executive Director on 28 May 2020	N/A
Ma Qingshan	Independent non-executive Director	Re-elected as independent non-executive Director on 27 May 2021	N/A
Huang Jinfu	Vice President, director and president of Aoniu Mining	Appointed as president of Aoniu Mining on 15 September 2017 Appointed as Vice President of the Company on 24 August 2018	N/A
Gao Yue	Chief Financial Officer	Appointed as Chief Financial Officer of the Company on 27 May 2021	N/A
Zhang Jing	Joint Company Secretary, Board Secretary and manager of investor relationship department	Appointed as Joint Company Secretary of the Company on 24 August 2018	N/A

REPORT OF THE DIRECTORS

According to the requirement under Article 84(1) of the Articles of Association, at each annual general meeting, one third of the Directors for the time being shall retire from office by rotation provided that every Director shall be subject to retirement by rotation at least once every three years. The retiring Directors, being eligible, may offer themselves for re-election. Mr. Zheng Xuezhi, Mr. Kenneth Lee and Dr. Wang Anjian will retire as Directors at the annual general meeting of the Company to be held on 24 May 2023 and, being eligible, will offer themselves for re-election as Directors. In view that Dr. Wang Anjian has been an independent non-executive Director for more than nine years, his re-election and further appointment as an independent non-executive Director shall be subject to a separate resolution to be considered and approved by the Shareholders at the forthcoming annual general meeting of the Company pursuant to Rule B.2.3 of the Corporate Governance Code.

13. BIOGRAPHIES OF DIRECTORS AND SENIOR MANAGEMENT

Detailed biographies of Directors and senior management of the Company are set out on pages 62 to 66 of this annual report.

14. DIRECTORS' SERVICE CONTRACT

The Company has entered into a director service contract and letter of appointment with each of the Directors, the major terms of which are that the service contracts and the letters of appointment shall be: (1) for a term of three years commencing from 17 March 2021 (in the case of Mr. Yang Jiye, Mr. Zheng Xuezhi, Dr. Qiu Yumin, Mr. Kenneth Lee, Mr. Xia Zhuo, Mr. Wang Ping, Dr. Wang Anjian and Mr. Ma Qingshan); and (2) terminated or renewed in accordance with their respective contract terms.

Save as disclosed above, the Directors have not signed with the Company service contracts that cannot be terminated by the Company without compensation (exclusive of statutory compensation) within one year.

15. CONFIRMATION OF INDEPENDENCE

The Company has received the written confirmation of their independence for 2022 from each of the independent non-executive Directors and considered them to be independent of the management and free of any relationship that could materially interfere with the exercise of their independent judgment.

16. REMUNERATION FOR DIRECTORS AND TOP 5 HIGHEST PAID EMPLOYEES

Detailed information on remuneration for Directors and top 5 highest paid employees are provided in notes 15 and 16 to the consolidated financial statements.

For the year ended 31 December 2022, none of the Directors has agreed with the Company to waive any remuneration.

The remuneration for the Directors was proposed by the Remuneration Committee and approved by the Board. The Remuneration Committee would take into account (among others) remuneration paid by comparable companies, conditions of employment, responsibilities and individual performance when proposing the remuneration.

17. RESTRICTED SHARE AWARD SCHEME

The Company adopted a Restricted Share Award Scheme (the "**Scheme**") on 29 August 2019 which shall be valid and effective for a period of 10 years. The remaining life of the Scheme is around 6 years. The purpose and objective of the Scheme is (i) to recognize and motivate the contribution of the key management personnel and core employees of the Group; (ii) to help the Group retain and attract the Selected Participants (as defined below) in attaining the long term business objectives of the Company; and (iii) to further align the interests of the Selected Participants directly to the Shareholders through ownership of Shares.

Pursuant to the Scheme, the Board may, from time to time, in its absolute discretion, decide the eligible participants (the "**Selected Participants**") after taking into consideration various factors as they deem appropriate and determine the number of shares to be granted (the "**Award Shares**") to each of the Selected Participants. The eligible participants include Directors, senior management and core employees of the Group. In determining the grant price for each Selected Participant, the Board shall take into consideration matters, including but not limited to, the Selected Participant's position, experience, years of service, performance and contribution to the Group and the market price of the Shares.

The maximum number of Award Shares that may be granted under the Scheme in aggregate shall be no more than 90,000,000 Shares, representing 4.59% of the total issued Shares as at the date of this report. There is no limitation on the maximum entitlement of each Selected Participants under the Scheme.

The Company, as the settlor, has entered into a trust deed with First Shanghai Securities Limited (第一上海證券有限公司) (the "**Trustee**") in respect of the appointment of the Trustee for the administration of the Scheme. The Scheme shall be subject to the administration of the Board and the Trustee in accordance with the rules of the Scheme (the "**Scheme Rules**") and the trust deed. The Board may act through its authorized representative and has duly authorized the Chief Executive Officer and President of the Company to give instructions or notices to the Trustee on matters in connection with the operation and administration of the Scheme and the trust. The Trustee shall hold the Shares and the income derived therefrom in accordance with the Scheme Rules and the terms of the trust deed.

Pursuant to the Scheme Rules, the Board shall cause to pay the Trustee the purchase price and the related expenses from the Group's resources for the Award Shares and the Trustee shall apply the purchase price to purchase from the market all of the Award Shares to be awarded under the Scheme and shall hold such Shares until they are vested with the Selected Participants in accordance with the Scheme Rules and the trust deed. For the avoidance of doubt, all Shares purchased as aforesaid shall only be used for allocation to the Selected Participants in accordance with the Scheme Rules.

The Award Shares and any rights and interests (including voting rights) therein may not be enjoyed, sold, assigned, transferred, pledged, hypothecated or otherwise disposed of by the Selected Participants before the Award Shares are vested. The Board may also impose additional restrictions as it deems appropriate.

A Selected Participant shall be entitled to receive the Award Shares held by the Trustee, and Award Shares shall vest in three (3) years, of which one third of a Selected Participant's applicable Award Shares shall become vested upon each of the first anniversary, the second anniversary, and the third anniversary.

The Trustee shall not exercise the voting rights in respect of any Shares held under the trust including but not limited to the Award Shares.

As of the date of this report, the Trustee, as instructed by the Board, had purchased a total of 31,063,000 Shares on the market at a total consideration of HKD44,365,810 (among which 7,174,000 Shares were purchased on the market during the year ended 31 December 2022 at the total consideration of HKD6,431,180). The Trustee holds these Shares pursuant to the Scheme Rules and the terms of the trust deed. Since the adoption of the Scheme and up to the date of this report, no Award Shares have been granted to any Selected Participants under the Scheme.

For further details of the Scheme, please refer to the announcement of the Company dated 29 August 2019.

18. CONTRACTS OF SIGNIFICANCE

For the year ended 31 December 2022, the Company has not directly or indirectly entered into transactions, arrangements or contracts of significance, in which any Director had material interests, and which were relevant to the business of the Company and remained valid at any time during the year or at the end of the year.

Neither the Company nor any of its subsidiaries have signed a significant contract with the Controlling Shareholders or any of its subsidiaries other than the Group, and no significant contract for delivery of service has been signed between the Group and the Controlling Shareholders or any of its subsidiaries other than the Group.

19. INDEMNITIES MADE TO THE DIRECTORS

According to Article 164 of the Articles of Association, the Directors shall be entitled to be indemnified out of the assets and profits of the Company against all actions, costs, charges, losses, damages and expenses which may incur or sustain in the execution of their duties. The Company has purchased appropriate directors and senior management liabilities insurance for the Directors and senior management of the Group.

20. DIRECTORS' AND CONTROLLING SHAREHOLDERS' INTERESTS IN COMPETING BUSINESS

(1) Excluded Businesses

All excluded businesses disclosed in the prospectus were sold to the independent third parties by the Controlling Shareholders. However, Hanking Group controlled by a Controlling Shareholder acquired Fushun Majuncheng Iron Co., Ltd. ("**Majun Mining**") in 2016. Majun Mining engages in the mining and processing of iron ore, which compete against the businesses of the Company. Nevertheless, the Directors are of the opinion that the Majun iron ore resources owned by Majun Mining have lower quality than the iron ore resources of the Company. Therefore, the Company currently does not intend to acquire Majun Mining.

To the best knowledge of the Directors and based on the information available to the Directors, financial information of the excluded businesses for the past three years (audited) is as follows:

	For the year ended 31 December (Unit: RMB'000)		
	2022	**2021**	**2020**
Total assets	**459,364**	460,436	454,713
Total liabilities	**349,414**	328,661	508,222
Profit/loss	**-23,599**	31,506	8,620

(2) Directors' and Controlling Shareholders' Positions in Competing Business

As at 31 December 2022, save as disclosed below, the Directors and their associates did not hold any interests in any business which, either directly or indirectly, competes or is likely to compete against the business of the Group:

Name of Director	Position in the Company	Position in Competing Business
Xia Zhuo	Non-executive Director	director of Hanking Group

21. DIRECTORS' AND CHIEF EXECUTIVES' INTERESTS AND SHORT POSITIONS IN SHARES, UNDERLYING SHARES AND DEBENTURES OF THE COMPANY AND ITS ASSOCIATED CORPORATIONS

So far as the Company is aware, as at 31 December 2022, the interests or short positions of the Directors and chief executives of the Company in the Shares, underlying shares or debentures of the Company or its associated corporations (within the meaning of Part XV of the SFO), which was required to be notified to the Company and the Hong Kong Stock Exchange pursuant to Divisions 7 and 8 of Part XV of the SFO (including interests or short positions taken or deemed to have under such provisions of the SFO), or was, pursuant to Section 352 of the SFO, required to be recorded in the register referred to therein, or was otherwise 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 (the "**Model Code**"), were as follows:

(1) Interests in the Shares of the Company:

Name of Director and Chief Executive	Status/Nature of Interest	Number of Shares	Approximate Percentage of Shareholding
Yang Jiye[1]	Interest in controlled corporation	1,314,061,666 (long position)	67.04%
		4,000,000 (short position)	0.20%
Xia Zhuo[2]	Interest in controlled corporation	19,130,589 (long position)	0.98%
	Beneficial owner	60,000 (long position)	Less than 0.01%
Zheng Xuezhi	Beneficial owner	4,741,000 (long position)	0.24%

Notes:

1. Mr. Yang Jiye holds 100% interest in Bisney Success Limited and Tuochuan Capital Limited, respectively. As a result, Mr. Yang Jiye is deemed to be interested in 694,360,500 Shares held by Bisney Success Limited and 619,701,166 long position Shares and 4,000,000 short position Shares held by Tuochuan Capital Limited.

2. Mr. Xia Zhuo holds 54.38% interest in Splendour Ventures Limited. As a result, Mr. Xia Zhuo is deemed to be interested in 19,130,589 Shares held by Splendour Ventures Limited. The accurate percentage of the 60,000 Shares beneficially owned by Mr. Xia Zhuo is 0.00306122%.

(2) Interests in the shares of associated corporations of the Company:

Name of Director and Chief Executive	**Name of Associated Corporation**	**Status/Nature of Interest**	**Number of Shares**	**Approximate Percentage of Shareholding**
Qiu Yumin[1]	Hanking Australia Investment Pty Ltd	Interest in controlled corporation	6,300,000 (long position)	3.00%
Yang Jiye[2]	Hanking Australia Investment Pty Ltd	Interest in controlled corporation	6,300,000[3] (long position)	3.00%
Zheng Xuezhi[2]	Hanking Australia Investment Pty Ltd	Interest in controlled corporation	6,300,000[3] (long position)	3.00%

Notes:

1. Dr. Qiu Yumin and his spouse jointly hold 100% equity interests in Golden Resource Pty Ltd. Hence, Dr. Qiu Yumin is deemed to be interested in 6,300,000 shares in Hanking Australia held by Golden Resource Pty Ltd.

2. Each of Mr. Yang Jiye and Mr. Zheng Xuezhi holds 33.33% equity interests in Best Fate Limited. Hence, each of Mr. Yang Jiye and Mr. Zheng Xuezhi is deemed to be interested in 6,300,000 shares in Hanking Australia held by Best Fate Limited.

3. These 6,300,000 shares are the same block of shares.

Save as disclosed above, as at 31 December 2022, none of the Directors and chief executives of the Company had any interest or short position in the Shares, underlying shares or debentures of the Company or any of its associated corporations (as defined in Part XV of the SFO) which was required to be notified to the Company and the Hong Kong Stock Exchange pursuant to Divisions 7 and 8 of Part XV of the SFO (including interest or short position taken or deemed to have under such provisions of the SFO), or which was required, pursuant to Section 352 of the SFO, to be entered in the register referred to therein, or which was otherwise required to be notified to the Company and the Hong Kong Stock Exchange pursuant to the Model Code.

DIRECTORS' RIGHTS TO ACQUIRE SHARES OR DEBENTURES

Save for the interests in share options of Hanking Australia as disclosed in the paragraph headed "4. Share Option Scheme" under "Management Discussion and Analysis" in this annual report, at no time during the year ended 31 December 2022 was the Company, its holding company, or any of its subsidiaries or associated corporations, a party to any arrangement which enables the Directors and chief executives of the Company (including their respective spouse and children under 18 years of age) to acquire benefits by means of acquisition of Shares, underlying shares or debentures of the Company or any of its associated corporations.

22. SUBSTANTIAL SHAREHOLDERS' INTERESTS OR SHORT POSITIONS IN THE SHARES AND UNDERLYING SHARES OF THE COMPANY

As at 31 December 2022, as far as the Directors, having made all reasonable enquiries, are aware, the following persons (other than the Directors and chief executives of the Company) had interests or short positions in the Shares or underlying shares of the Company which were required to be disclosed to the Company and the Hong Kong Stock Exchange pursuant to Divisions 2 and 3 of Part XV of the SFO or required to be recorded in the register kept by the Company pursuant to Section 336 of the SFO:

Name of Shareholders	Status/Nature of Interest	Number of Shares	Approximate Percentage of Shareholding
Yang Min[1]	Interest in controlled corporation	6,025,000 (long position)	0.31%
China Hanking (BVI) Limited	Beneficial owner	6,025,000 (long position)	0.31%
Bisney Success Limited	Beneficial owner	694,360,500 (long position)	35.43%
Tuochuan Capital Limited	Beneficial owner	619,701,166 (long position) 4,000,000 (short position)	31.62% 0.20%
Fushun Branch, China Citic Bank Corporation Limited	Person having a security interest in Shares	280,000,000 (long position)	14.29%
Xinfu Branch, Bank of Fushun Co., Ltd.	Person having a security interest in Shares	500,000,000 (long position)	25.51%

Note:

1. Ms. Yang Min holds 100% interest in China Hanking (BVI) Limited. Thus Ms. Yang Min is deemed to be interested in 6,025,000 Shares held by China Hanking (BVI) Limited.

Save as disclosed above, as at 31 December 2022, the Company had not been notified by any persons (other than Directors or chief executives of the Company) who had interests or short positions in the Shares, underlying shares or debentures of the Company which were required to be disclosed to the Company and the Hong Kong Stock Exchange pursuant to Divisions 2 and 3 of Part XV of the SFO or which were recorded in the register required to be kept by the Company under Section 336 of the SFO.

23. MANAGEMENT CONTRACTS

For the year ended 31 December 2022, there is no contract entered into by the Company or subsisting relating to the management and administration of the entire or any part of business of the Company.

24. CONNECTED TRANSACTIONS

During the year ended 31 December 2022, the Group carried out the following one-off connected transaction:

Lease of Premises

On 21 December 2022, Fushun Hanking Ginseng & Iron Trading Company Limited ("**Hanking Ginseng & Iron**") (as tenant), which is an indirect wholly-owned subsidiary of the Company, entered into a lease agreement with Shenyang Shengtai Properties Management Company Limited ("**Shengtai Properties**") (as landlord). According to the agreement, Hanking Ginseng & Iron continued to lease office premises located at No. 227, Qingnian Street, Shenhe District, Shenyang City, Liaoning Province, with a leased area of approximately 2,802 m^2 from Shengtai Properties, and engage Shengtai Properties to provide property management service for a term of three years commencing from 1 January 2023 and expiring on 31 December 2025. The rental is RMB1,982,247.00 per year, and the property management fee is RMB1,008,648.00 per year.

Shengtai Properties is ultimately controlled by Mr. Yang Jiye (the Chairman of the Board, executive Director, Chief Executive Officer, President and Controlling Shareholder of the Company), and hence is a connected person of the Company. Details of which are set out in the announcement of the Company dated 21 December 2022.

Related Party Transactions

Related party transactions of the Group for the year ended 31 December 2022 are set out in note 50 to the consolidated financial statements. Save as disclosed above, none of the aforesaid related-party transactions set out fall within the scope of discloseable connected transaction or continuing connected transaction under the Listing Rules. The connected and continuing connected transactions of the Group are in compliance with the disclosure requirements under Chapter 14A of the Listing Rules.

25. COMPLIANCE WITH NON-COMPETITION AGREEMENT

The Company signed a non-competition agreement (the "**Non-Competition Agreement**") with the Controlling Shareholders on 16 June 2011. In accordance with the Non-Competition Agreement, the independent non-executive Directors are responsible for reviewing and considering whether to exercise such option and pre-emptive right, as well as entitled to conduct annual review on the compliance with the undertakings under the Non-Competition Agreement on behalf of the Company. During the year of 2022, each Controlling Shareholder has made annual confirmation of compliance with the Non-Competition Agreement, and the independent non-executive Directors have also reviewed the implementation of the Non-Competition Agreement, and confirmed that the Controlling Shareholders have fully abided by the agreement without any breach of the agreement.

26. RETIREMENT AND EMPLOYEES' BENEFIT PLAN

Detailed information on the retirement and employees' benefit plan of the Company is provided in note 11 to the consolidated financial statements.

27. COMPLIANCE WITH CORPORATE GOVERNANCE CODE AND LAWS AND REGULATIONS

Save as disclosed herein, during the year ended 31 December 2022, the Company has complied with the principles and all the applicable code provisions of the Corporate Governance Code as set out in Appendix 14 of the Listing Rules and, meanwhile, complied with most of the best practices as recommended therein. Please refer to the Corporate Governance Report of this annual report for details.

With effect from 20 March 2018, Mr. Yang Jiye, the Chairman of the Board, has assumed the role of the Chief Executive Officer and the President of the Company. Although this is not in compliance with the requirements under Code Provision C.2.1 of the Corporate Governance Code as set out in Appendix 14 to the Listing Rules, the Company believes that vesting the roles of both the Chairman of the Board and the Chief Executive Officer in Mr. Yang Jiye provides strong and consistent leadership and enables more effective planning and better execution of long-term business strategies, which is beneficial to the overall development of the Company. As required under the decision-making framework of the Company, all significant decisions shall be made by all Directors to ensure balance of power and authority. The Company will decide whether to appoint another person as the Chief Executive Officer based on the business operation if and when appropriate.

The Group recognises the importance of compliance with regulatory requirements. During the year, the Company has complied, to the best of our knowledge, with the Companies Law of the Cayman Islands, the Companies Ordinance (Chapter 622 of the Laws of Hong Kong), the Listing Rules, the SFO, and other relevant rules and regulations. Besides, the subsidiaries within the Group continued to comply with their applicable local laws. During the year, the Company was not aware of any particular law and regulation that would have a significant impact on the Group's operation.

28. ENVIRONMENTAL PROTECTION AND SOCIAL RESPONSIBILITY

The Company strives to fulfil its social responsibilities in all major areas, including environmental protection. It promotes energy-efficient business model which emphasizes conservation and efficient use of resources, and enhances efforts in recycling and reuse to avoid wastage. The Group regards emission reduction and meeting the emission standards as its major tasks in undertaking environmental protection responsibilities. Through technical measures and recycling initiatives, it lowers the generation and emission of wastes. In order to minimize emission of greenhouse gas, the Group has implemented the policy designed to reduce business travel and encourages employees to hold telephone conferences in place of overseas business trips (if possible) and travel with public transport. For details, please refer to the Environmental, Social and Governance Report of the Company.

29. PUBLIC FLOAT

Based on the information publicly available to the Company, and to the knowledge of the Directors, the public held not less than 25% of Shares as at the Latest Practicable Date prior to the issue of this annual report, which was in compliance with the requirement of the Listing Rules.

30. SIGNIFICANT LEGAL PROCEEDINGS

For the year ended 31 December 2022, the Group was not involved in any significant legal proceedings or arbitration. To the knowledge of the Directors, there are no significant legal proceedings or claims pending or threatened.

31. AUDIT COMMITTEE

The Audit Committee has reviewed the annual results announcement of the Company for 2022 and the consolidated financial statements for the year ended 31 December 2022.

32. AUDITOR

The consolidated financial statements stated in this annual report have been audited by the Company's auditor Deloitte Touche Tohmatsu. A resolution for re-appointing Deloitte Touche Tohmatsu as the auditor for the ensuing year is to be proposed at the forthcoming annual general meeting. The auditor of the Company has not changed in the past three years.

33. FINANCIAL HIGHLIGHTS

The operating performance, assets and liability highlights of the Group for the last five fiscal years are stated on page 6 of this annual report.

REPORT OF THE DIRECTORS

34. FINANCIAL ASSISTANCE AND GUARANTEE TO AFFILIATED COMPANY BY THE COMPANY

For the year ended 31 December 2022, the Company has not granted financial assistance and guarantee to its affiliated company.

35. LOAN TO A GIVEN ENTITY

For the year ended 31 December 2022, the Group has not granted a loan to a given entity.

36. CONTINUING DISCLOSURE UNDER THE LISTING RULES

On 8 June 2020, Tuochuan Capital Limited ("**Tuochuan Capital**") pledged 300,000,000 Shares (representing approximately 16.48% of the issued share capital of the Company as at 8 June 2020) in favour of Bank of Fushun Co., Ltd., Xinfu Branch. Of the aforementioned pledged Shares, 100,000,000 Shares (representing approximately 5.49% of the issued share capital of the Company as at 8 June 2020) were pledged as security for a loan in the amount of RMB125,000,000 for Hanking D.R.I., a subsidiary of the Company as general working capital under the loan agreement dated 8 June 2020. Details of which are set out in the announcement of the Company dated 10 June 2020.

On 12 July 2022, Tuochuan Capital pledged 280,000,000 Shares, which represented approximately 14.29% of the issued share capital of the Company as at 12 July 2022, in favour of China Citic Bank Corporation Limited, Fushun Branch ("**Citic Bank**") as security for a term loan facility of a maximum aggregate amount of RMB188,000,000 provided by the Citic Bank to Aoniu Mining, a subsidiary of the Company. Details of which are set out in the announcement of the Company dated 12 July 2022.

Saved as disclosed above, the Company had no other disclosure obligations under Rule 13.20, Rule 13.21 and Rule 13.22 of the Listing Rules as at 31 December 2022.

37. TAXATION RELIEF

The Company is not aware of any relief from taxation available to Shareholders by reason of their holding of the Shares.

38. DEBENTURES

For the year ended 31 December 2022, the Company did not issue any debentures.

39. EQUITY-LINKED AGREEMENTS

For the year ended 31 December 2022, no equity-linked agreements were entered into by the Company or subsisted at the end of that year.

40. CHARITABLE DONATIONS

The Group made donation for charitable purposes in an aggregate amount of RMB1,000,000 during the year ended 31 December 2022.

41. SIGNIFICANT EVENTS AFTER REPORTING PERIOD

Save as disclosed in the report, there were no other significant events taken place subsequent to the end of the year ended 31 December 2022.

By order of the Board
Mr. Yang Jiye
Chairman of the Board and Executive Director

23 March 2023

CORPORATE GOVERNANCE REPORT

The Company believes that good corporate governance provides a framework that is essential for ensuring effective management, business growth and shareholder value. The Company has adopted the Corporate Governance Policies which is prepared in accordance with the principles, code provisions and certain recommended best practices of the Corporate Governance Code as set out in Appendix 14 to the Listing Rules and is in the best interest of the Company and its Shareholders. During the year ended 31 December 2022, save as disclosed in paragraph 27 "Compliance with Corporate Governance Code and Laws and Regulations" of the section headed "Report of the Directors" above, the Company has complied with the Corporate Governance Policies as well as the principles and all the applicable code provisions of the Corporate Governance Code as set out in Appendix 14 to the Listing Rules. Meanwhile, it has also complied with most of the recommended best practices of the Corporate Governance Code as set out in Appendix 14 to the Listing Rules. Details of the code provisions adopted and complied with by the Company during the period are set out below.

BOARD COMPOSITION

The Board is collectively responsible to all Shareholders for leading and overseeing the Group's business, and is in charge of operation and decision making. The Board is mainly responsible for formulating the business strategies, objectives, policies and plans of the Company, and monitoring the execution of the Company's strategies. It is also responsible for overseeing and controlling the operational and financial performance of the Company and establishing appropriate risk management policies and procedures in order to ensure that the strategic objectives of the Group are materialized. In addition, the Board is also responsible for improving the corporate governance structure and enhancing communications with the Shareholders. The management team headed by the Chief Executive Officer is responsible to the Board and executes the strategies and plans formulated by the Board, and makes decisions for day-to-day operation. The management shall report monthly to the Board on the operational and financial performance of the Company.

For the period from 1 January 2022 to the date of this annual report, the re-designation, resignation and appointment of Directors are set out as follows:

At the annual general meeting of the Company held on 26 May 2022, in accordance with Article 84(1) of the Articles of Association, Dr. Qiu Yumin (executive Director), Mr. Xia Zhuo (non-executive Director) and Mr. Wang Ping (independent non-executive Director) retired by rotation at the annual general meeting, and offered themselves for re-election.

During the period from 1 January 2022 to 31 December 2022, the Board comprised the following members:

Non-executive Directors	Executive Directors	Independent non-executive Directors
Mr. Kenneth Lee	Mr. Yang Jiye *(Chairman, Chief Executive Officer and President)*	Mr. Wang Ping
Mr. Xia Zhuo	Mr. Zheng Xuezhi *(Chief Operating Officer and Executive Vice President)*	Dr. Wang Anjian
	Dr. Qiu Yumin	Mr. Ma Qingshan

During the reporting period, the Company has appointed a sufficient number of independent non-executive Directors who are equipped with relevant qualification in accordance with the requirements of the Listing Rules.

As of 31 December 2022, the Company had three independent non-executive Directors in total, representing more than one-third of the total number of Directors. Mr. Wang Ping has over 26 years' experience in corporate finance, audit, accounting and taxation; Dr. Wang Anjian has extensive experience in research of resource strategy; and Mr. Ma Qingshan has over 21 years of extensive experience in management and consultation.

Details of the Directors' biographies are disclosed in the "Biographies of Directors and Senior Management" of this annual report. None of the members of the Board has any relationship with other members.

CORPORATE GOVERNANCE REPORT

CONTINUOUS PROFESSIONAL DEVELOPMENT OF DIRECTORS

For the year ended 31 December 2022, the Directors have participated in the following training on a director of a listed company, so as to continuously develop their expertise and professional skills.

Directors	Training Scope Corporate Governance	 Listing Rules	 Business/ Management
Non-executive Directors			
Mr. Kenneth Lee	✓	✓	✓
Mr. Xia Zhuo	✓	✓	✓
Executive Directors			
Mr. Yang Jiye	✓	✓	✓
Mr. Zheng Xuezhi	✓	✓	✓
Dr. Qiu Yumin	✓	✓	✓
Independent non-executive Directors			
Mr. Wang Ping	✓	✓	✓
Dr. Wang Anjian	✓	✓	✓
Mr. Ma Qingshan	✓	✓	✓

In order to gain the latest information of their specialized fields, each of the Directors proactively attended seminars related to various industries.

COMPANY SECRETARY

For the year ended 31 December 2022, the joint company secretaries of the Company were Ms. Zhang Jing and Ms. Wong Hoi Ting and both of them have participated in not less than 15 hours of relevant professional training. Ms. Wong Hoi Ting's primary contact person at the Company was Ms. Zhang Jing.

ANNUAL REMUNERATION OF THE SENIOR MANAGEMENT

Details of the remuneration paid to the senior management of the Group by band (excluding Directors), whose biographies are set out on pages 65 to 66 of this annual report, for the year ended 31 December 2022 are set out below:

	No. of individuals
HKD500,001 to HKD1,000,000	2
HKD1,000,001 to HKD1,500,000	–
HKD1,500,001 to HKD2,000,000	–
HKD2,000,001 to HKD2,500,000	–
HKD2,500,001 to HKD3,000,000	1

LIABILITY INSURANCE

The Company has purchased liability insurance for the Directors and its senior management for a term of one year.

TENURE OF THE DIRECTORS AND THE INDEPENDENCE OF THE INDEPENDENT NON-EXECUTIVE DIRECTORS

The service contracts of the Directors (including service contracts of all non-executive Directors) are for a term of three years, which are subject to termination in accordance with their respective terms. According to the provisions of the Articles of Association, at each annual general meeting of the Company, one-third of the Directors for the time being, or, if their number is not a multiple of three, then the number nearest to but not less than one-third, shall retire from office by rotation, provided that every Director shall be subject to retirement by rotation at least once every three years; while any Director appointed by the Chairman of the Board as an addition to the existing Board shall hold office only until the next general meeting of the Company and shall then be eligible for re-election.

The appointment of independent non-executive Directors strictly adheres to the guidelines for assessing independence set out in Rule 3.13 of the Listing Rules. The Company has received the written confirmation of their independence for 2022 from each of the independent non-executive Directors and considers them to be independent of the management and not having any relationship that could materially interfere with the exercise of their independent judgment.

During the reporting period, the independent non-executive Directors actively took part in the meetings held by the Board and all specialized committees, during which independent professional comments and suggestions were given in respect of the business development, significant decisions, risk management and internal control of the Company. During the reporting period, the independent non-executive Directors and the Chairman of the Board held a meeting without the presence of other Directors, so as to evaluate the results of the Company for 2022 and the overall operating management capacity of the senior management of the Company in 2022, and to discuss the future development of the Company.

During the reporting period, no objection was raised by the independent non-executive Directors to the resolutions made by the Board or the specialized committees.

The Board reviews the mechanisms for ensuring independent views and input are available to the Board on an annual basis, whether in terms of proportion, recruitment and independence of independent non-executive Directors, and their contribution and access to external independent professional advice.

SECURITIES TRANSACTION BY DIRECTORS

The Company has adopted the Model Code as set out in Appendix 10 to the Listing Rules, and also formulated the Written Guideline on Dealings in the Securities of the Company by Directors and the Relevant Employees (the "**Company Guideline**"), which adopted the standards equivalent to the provisions of Appendix 10 to the Listing Rules as the model code regarding dealings in the Company's securities by the Directors and the relevant employees. After making specific enquiries to all Directors and the relevant employees of the Company, all of them have confirmed that they have complied with the Model Code and the Company Guideline throughout the year ended 31 December 2022.

CHAIRMAN OF THE BOARD AND CHIEF EXECUTIVE OFFICER

Pursuant to the Guidelines regarding the Division of Functions between the Board and Senior Management formulated by the Company, the Chairman of the Board is responsible for the management of the Board to ensure its effective operation. The Chief Executive Officer is responsible for daily operational activities of the Group and responsible to the Board for the overall operations of the Group. The management shall provide the Directors and the members of the specialized committees under the Board with information and materials related to the operation on a monthly basis, so as to update them with the latest developments of the Company and facilitate the discharge of duties better.

With effect from 20 March 2018, Mr. Yang Jiye, the Chairman of the Board, has assumed the role of Chief Executive Officer and President of the Company. Although this is not in compliance with the requirements under Rule C.2.1 of the Corporate Governance Code as set out in Appendix 14 to the Listing Rules, the Company is of the view that the corporate governance structure will prevent the lack of checks and balances with strong independent elements on the Board, delegation of authorities to management to undertake operation and supervision by the Board committee. Besides, the Company believes that the vesting of roles of both Chairman of the Board and Chief Executive Officer in Mr. Yang Jiye provides strong and consistent leadership and enables more effective planning and better execution of long-term business strategies, which is beneficial to the overall development of the Company. The Company will decide whether to appoint another person as the Chief Executive Officer based on the business operation if and when appropriate.

GENERAL MEETING, BOARD MEETING AND SPECIALIZED COMMITTEE MEETING

The Company has sufficiently promulgated the terms of reference of the Board and the four specialized committees under the Board (namely the Audit Committee, Nomination Committee, Remuneration Committee and HSEC Committee), and published on the websites of the Hong Kong Stock Exchange and the Company the terms of reference of each of the specialized committees, which enable these committees to perform their duties and also provide that these four specialized committees should report their decisions and recommendations to the Board.

The Company convened two general meetings and five Board meetings in 2022. During the reporting period, details of Directors' attendance of the Board meetings, meetings of the specialized committees under the Board and general meetings are as follows:

		Specialized Committees under the Board				
Directors	**Board**	**Audit Committee**	**Remuneration Committee**	**Nomination Committee**	**HSEC Committee**	**General Meetings**
Non-executive Directors						
Kenneth Lee	5/5	2/2	2/2	N/A	N/A	2/2
Xia Zhuo	5/5	N/A	N/A	N/A	N/A	2/2
Executive Directors						
Yang Jiye	5/5	N/A	N/A	1/1	1/1	2/2
Zheng Xuezhi	5/5	N/A	N/A	N/A	N/A	2/2
Qiu Yumin	5/5	N/A	N/A	N/A	1/1	2/2
Independent non-executive Directors						
Wang Ping	5/5	2/2	2/2	N/A	N/A	2/2
Wang Anjian	5/5	2/2	N/A	1/1	1/1	2/2
Ma Qingshan	5/5	N/A	2/2	1/1	N/A	2/2

The meetings were held in way of Board meeting instead of written resolution to approve any matter in case of significant interest conflict between substantial Shareholders or Directors in the matters to be considered by the Board. All independent non-executive Directors who have no significant interest in the transactions have attended the Board meetings. Minutes of Board meetings and specialized committee meetings were prepared and maintained by the company secretary.

(A) Audit Committee

During the period from 1 January 2022 to 31 December 2022, the Audit Committee comprised the following members:

Non-executive Director	**Independent non-executive Directors**
Mr. Kenneth Lee	Mr. Wang Ping *(Chairman)* Dr. Wang Anjian

The Audit Committee shall act as a focal point for communication among other Directors, the external auditors and the internal auditors in respect of financial and other reporting, internal controls, external and internal audits and such other matters as the Board determines from time to time. The Audit Committee shall assist the Board in fulfilling its duties by providing independent review and supervision of financial reporting, satisfying themselves as to the effectiveness of the internal controls of the Group and as to the adequacy of the external and internal audits.

The terms of reference of the Audit Committee shall at least include: to supervise the financial reporting system, risk management and internal control system of the Company; to review the financial control of the Company as well as, to review the risk management and internal control system and the effectiveness of the internal audit function of the Company; to discuss the risk management and internal control system with the management and to ensure that the management has performed its duties in establishing an effective system; to consider major investigation findings on risk management and internal control matters and the response of the management on these investigation findings on its own initiative or as delegated by the Board.

During the year of 2022, the Audit Committee held a total of two meetings, at which the Audit Committee reviewed the annual and half-year financial results and financial reports of the Group for the year 2021 and the first half of 2022 respectively, the 2021 internal control report and the 2022 audit plan of the Company's internal audit department (including the review of the risk management and internal control system and internal audit function of the Company), the implementation of non-competition agreement by the Controlling Shareholders and the annual statement made by them, terms of the connected transactions and other issues, and also discussed the appointment of auditors and the determination of their remuneration. All members of the Audit Committee and the external auditors have attended the above meetings.

CORPORATE GOVERNANCE REPORT

(B) Remuneration Committee

During the period from 1 January 2022 to 31 December 2022, the Remuneration Committee comprised the following members:

Non-executive Director	Independent non-executive Directors
Mr. Kenneth Lee	Mr. Wang Ping *(Chairman)* Mr. Ma Qingshan

The Remuneration Committee shall formulate remuneration policies for submission to the Board for approval (factors to be considered in the remuneration policies shall include remuneration paid by comparable companies, time commitment and responsibilities and employment conditions of other positions within the Group) and implement the remuneration policies determined by the Board.

During the year of 2022, the Remuneration Committee held two meetings, at which the committee mainly reviewed the remuneration of the Directors and senior management of the Company for the year of 2021 as well as the remuneration policies and structure for the year of 2022, and considered and approved the grant of 4.2 million share options of Hanking Australia to Dr. Qiu Yumin, an executive Director.

(C) Nomination Committee

During the period from 1 January 2022 to 31 December 2022, the Nomination Committee comprised the following members:

Executive Director	Independent non-executive Directors
Mr. Yang Jiye *(Chairman)*	Dr. Wang Anjian Mr. Ma Qingshan

The Nomination Committee shall formulate the nomination policy for the consideration of the Board and implement the nomination policy approved by the Board.

Nomination procedures for Directors

The Nomination Committee shall recommend to the Board on the appointment of Directors (including independent non-executive Directors) in accordance with the following selection criteria and nomination procedures:

1. the Nomination Committee shall make proactive communications with relevant departments of the Company, study the Company's demand for new Directors, and make reports in writing in respect thereof;

2. the Nomination Committee may seek candidates for Directors in a broad scope in the Company and the Group, and from the talent market;

3. collect and assess the following information and aspects about the candidates, and form writing materials, including but not limited to:

   3.1 diversity in all aspects, including gender, age, cultural and educational background, professional experience, skills, knowledge and work experience;

   3.2 qualifications, including the achievements and experience in relevant industries related to the business of the Group;

   3.3 willingness to devote sufficient time to perform the duties as member of the Board and other responsibilities as a Director;

   3.4 integrity and reputation;

   3.5 independence of candidates for independent non-executive Directors, which is assessed with reference to the factors as set out in Rule 3.13 of the Listing Rules and any other factors deemed as appropriate by the Nomination Committee or the Board;

   3.6 potential contributions to the Board; and

   3.7 other relevant aspects that apply to the business of the Group.

4. seek the nominee's consent to nomination, otherwise, the nominee cannot be a candidate for a Director;

5. convene a Nomination Committee meeting to examine the qualifications of the candidate against the criteria for the Directors;

6. make recommendations to the Board regarding the candidates for Directors and submit the relevant information to the Board one to two weeks prior to the election of new Directors;

7. take other follow-up actions according to the decision and feedback from the Board.

Diversity Policies

The Company will make efforts to keep an appropriate balance in the diversity of skills, experience and opinions of the Board members, so as to support the execution of business strategies and ensure the effective operation of the Board.

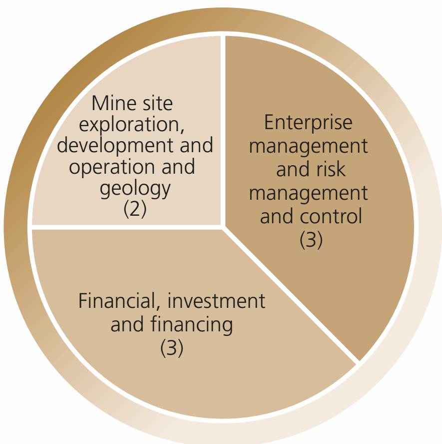
With a view that "diversity" is a broad concept, the Company may consider the board diversity in designing the Board's composition from a number of aspects, including but not limited to gender, age, cultural and educational background, professional experience, skills, knowledge and length of service. All Board appointments will be based on meritocracy as well as the business model of the Company and specific needs from time to time, and candidates will be considered against objective criteria, having due regard for the benefits of diversity on the Board.

CORPORATE GOVERNANCE REPORT

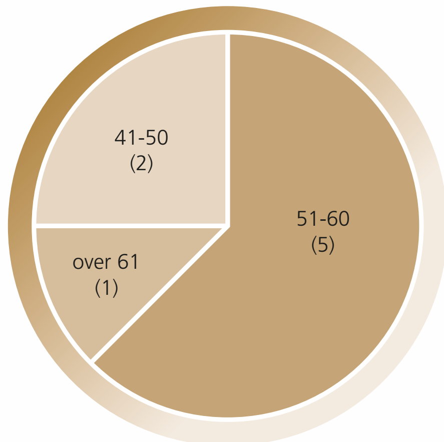
Measurable Objectives of Diversity Policy

Selection of candidates for directorship is based on a range of diversity perspectives, and the ultimate decision will be based on merit and contribution that the selected candidates will bring to the Board, having due regard to the benefits of diversity on the Board and also the needs of the Board without focusing on a single diversity aspect. The Board will make best efforts to take opportunities to increase the proportion of female members when selecting and making recommendation on suitable candidates for Board appointments. The Board would ensure that appropriate balance of gender diversity is achieved with reference to stakeholders' expectation and international and local recommended best practices to promote the gender diversity. As at 31 December 2022, the composition of the Board comprising eight Directors is as follows:

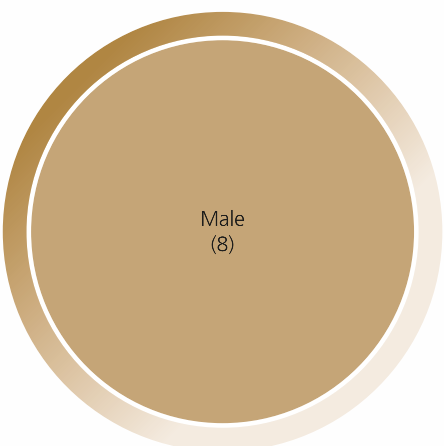
Professions



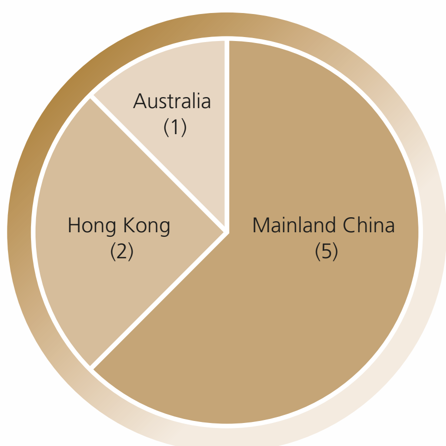
Age



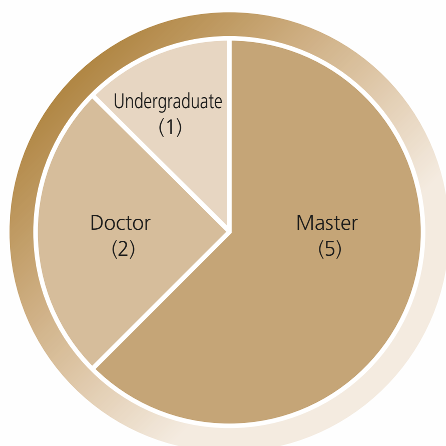
Gender



Geographical Region



Level of Education



Save that the Board is in the process of identifying a female director for appointment to the Board by the end of 2024, the Board has achieved the measurable objectives in the board diversity policy of the Company and complied with Rules 3.10(1), 3.10(2) and 3.10A of the Listing Rules.

Employee Gender Diversity

The Group focuses on equality and diversity of corporate culture and employment policy, and provides equal development opportunities for all employees. The Group conveys the concept of diversity and inclusion to our management and employees in a variety of ways: we treat employees of different nationalities, races, genders, religions and cultural backgrounds fairly and do not tolerate any discrimination; we value the talent development; and we strive to build a diverse talent system. There are female employees working through the middle and senior management, technical and operational department and production department of the Group. As of 31 December 2022, the Group had a total of 1,760 employees (including senior management), of which 82.56% are male and 17.44% are female. While the Group strives to achieve the goal of employee diversity to the maximum extent possible, with gender diversity taking into consideration in staff recruitment, there remains limitation due to the nature of the Group's business, which is to the most part physically demanding, and the industry is dominated by males. Nevertheless, the Company will continue to take steps to promote gender diversity at all levels of the Company, including but not limited to the Board and senior management levels, and to develop a pipeline of female senior management and potential successors to the Board.

During the year of 2022, the Nomination Committee held one meeting, at which the retiring Director Dr. Qiu Yumin was nominated for re-election as executive Director, Mr. Xia Zhuo as non-executive Director and Mr. Wang Ping as independent non-executive Director. The independence of Mr. Wang Ping, Dr. Wang Anjian and Mr. Ma Qingshan was assessed. The members, structure and composition of the Board, the implementation and effectiveness of board diversity policy of the Company were reviewed, and the sufficiency of time and efforts contributed by the Directors for the performance of their duties was also discussed. The committee was of the opinion that the extensive experiences and skills of the Directors in various fields and the rational structure of the Board may enable the Company to maintain high standard operation.

(D) Health, Safety, Environmental Protection and Community Committee

During the period from 1 January 2022 to 31 December 2022, the HSEC Committee comprised the following members:

Executive Directors	**Independent non-executive Director**
Dr. Qiu Yumin *(Chairman)*	Dr. Wang Anjian
Mr. Yang Jiye	

The HSEC Committee is responsible for leading the works regarding health, safety, environmental protection and community across the Group, and making recommendations on the significant decisions or material issues in relation to the health of staff, the safety and environmental protection of the Company and the relationship within the community to the Board.

In 2022, the HSEC Committee held one meeting, at which the committee considered and recommended the draft of the Environmental, Social and Governance Report 2021 of the Company to the Board.

CORPORATE GOVERNANCE

The Board is the highest authority of the Group on corporate governance, whose main responsibilities include:

(a) to develop and review the Group's policies and practices on corporate governance;

(b) to review and monitor the training and continuous professional development of Directors and senior management;

(c) to review and monitor the Group's policies and practices in compliance with the laws and regulatory requirements;

(d) to develop, review and monitor the code of conduct and compliance manual applicable to employees and the Directors; and

(e) to review the Group's compliance with the Corporate Governance Code and disclosure in the Corporate Governance Report.

The Company compiled the existing corporate governance system and dispatched it to the Directors in 2022. The Board reviews the corporate governance initiatives of the Group on an annual basis.

REMUNERATION OF AUDITORS

The Shareholders approved the resolution for the re-appointment of Deloitte Touche Tohmatsu as the auditor of the Company for 2022 and authorizing the Board to determine its remuneration at the annual general meeting of the Company held on 26 May 2022. The Company re-appointed Deloitte Touche Tohmatsu as the auditor of the Company for the year of 2022 with a term of one year ending on the date of the 2023 annual general meeting of the Company. As of 31 December 2022, details of the audit and non-audit services provided by the auditor to the Group are as follows:

Audit Service	The total fee charged for providing the Group with the review of the interim financial statements as of 30 June 2022 and audit of the financial statements for the year ended 31 December 2022 was RMB3,500,000 (excluding taxation and sundries).
Non-audit Service	The total fee charged for providing the Group with the consulting services on taxation was approximately HKD22,800 (excluding taxation and sundries).

DIRECTORS AND AUDITOR'S RESPONSIBILITY FOR PREPARATION OF THE FINANCIAL STATEMENTS

The Directors acknowledged their responsibilities for preparing the financial statements for the year ended 31 December 2022, which gave a true and fair view of the state of affairs of the Group and of the results and cash flows for that year. The Company allocated sufficient resources to prepare the audited account. Senior management was required to present and explain the financial reporting and matters that materially affected or may have material impact on the financial performance and operations of the Company to the Audit Committee and the Board and respond to the queries and concerns raised by the Audit Committee and the Board to their satisfaction. The consolidated financial statements have been prepared in accordance with the IFRS. In addition, the financial statements included appropriate disclosure made in accordance with the Listing Rules and the Companies Ordinance. The responsibility of the independent auditor engaged by the Company for the preparation of the financial statements of the Group was set out in the independent auditor's report of this annual report.

The Directors have given careful consideration to the going concern of the Group, and are not aware of material uncertainties in relation to events or conditions that may cast significant doubt upon the Company's ability to continue as a going concern. Hence, the Group's consolidated financial statements have accordingly been prepared on a going concern basis. For further details, please refer to note 3.1 to the consolidated financial statements.

RISK MANAGEMENT AND INTERNAL CONTROL

The Board has overall responsibility for the risk management and internal control system of the Group, including setting management structure and granting the appropriate authorization, identifying proper accounting policy and providing reliable financial information for internal and external use. The measures above were designed to provide reasonable (but not absolute) assurance against material misstatement or loss, and to manage (but not fully eliminate) risks of failure in operational systems and in achieving the Group's objectives. The Board authorized the Audit Committee to supervise the financial reporting system, risk management and internal control system of the Company; to review the financial control of the Company and to review the risk management and internal control system of the Company on an annual basis; to discuss the risk management and internal control system with the management and to ensure that the management has performed its duties in establishing an effective system; to consider major investigation findings on risk management and internal control matters and the response of the management on investigation findings on its own initiative or as delegated by the Board. In 2022, the Board reviewed the risk management and internal control system of the Company and its major subsidiaries, which covered financial control and non-financial control, and considered the risk management and internal control system effective and adequate.

The Group has established an internal control system and formulated regulations on the segregation of duties of the Board and senior management, according to which the senior management is responsible to the Board and executes Board resolutions, and is entitled to manage and oversee the Group's operations.

The management of the Company provides the members of the Board with monthly updates of the Group, which set out the balanced and comprehensible assessment of the Group's performance, financial position and prospects.

The Group has formulated the Information Disclosure Management System and the Administrative Measures on Connected Transactions, and also formulated the Inside Information Disclosure System to identify and process the inside information. The Board assesses the effectiveness of the procedures for identifying and processing inside information in due course, so as to maintain the confidentiality of inside information prior to the disclosure with proper approval and disseminate such information in an effective and consistent manner.

The Group has established a specialized internal audit organ (the "**Audit Department**"), formulated relevant mechanism, and set up proper internal control procedures to ensure the effectiveness of internal control and risk management, and extended its application to all subsidiaries controlled by the Group. The Audit Department is directly under the leadership of the Audit Committee, thus the annual audit report and plan of the Audit Department are approved by the Audit Committee. The Audit Department independently carries out the internal audit and monitoring work of the Company. Pursuant to the work program approved by the Audit Committee, based on the internal control, daily monitoring and project monitoring as well as focusing on the probability of risks and impact on the Company's objectives, in 2022, the Audit Department conducted effectiveness test and evaluation with a focus on key aspects including the financial risk management and internal control of Yuqilin project, overhaul engineering of high-purity iron business and settlement cost of engineering project of iron ore business, and expressed assessment opinions on risk management and internal control.

The Company has developed internal control procedures to identify, evaluate and manage significant risks and to resolve material internal control defects (if any). Such procedures are implemented by the Audit Department which mainly include: formulation of the assessment work plan, implementation of on-site testing, identification of control deficiencies, compilation of assessment results, preparation of assessment report, etc. During the assessment process, the Audit Department widely collects evidences regarding the effectiveness of internal control design and operation, fills in the internal control risk assessment paper in a truthful manner and analyses the internal control deficiencies through a combination of methods and approaches such as individual interview, questionnaire survey, panel discussion, sampling inspection, walk through testing, on-site inspection and comparative analysis. When internal control deficiencies are identified in the audit, monitoring and assessment of the Company's risk management system, the Audit Department takes rectification measures after communication with the management.

By doing so, the Board is of the opinion that the Company has maintained effective internal control over the financial reporting process in all material aspects with reference to the requirements under the enterprise internal control regulation system and the relevant provisions. According to the assessment of deficiencies in the internal control over the non-financial reporting process of the Company, as at the reference date of the internal control assessment report, no material deficiencies or major deficiencies in the internal control over the non-financial reporting process were identified.

ARTICLES OF ASSOCIATION

For the year 2022, there were no material changes to the Articles of Association.

SHAREHOLDERS' COMMUNICATION POLICY

In order to promote effective communication with the Shareholders, the Company has adopted a shareholders' communication policy which is published on the Company's website. According to the shareholders' communication policy, among other things:

(1) Information shall be disseminated by the Company to the Shareholders and the investment community mainly through the publication of interim and annual reports, annual general meetings and other general meetings convened, as well as the information disclosed or published on the website of the Hong Kong Stock Exchange (http://www.hkexnews.hk) or the Company's website (www.hankingmining.com).

(2) General meetings are deemed to be the principal channel of communications between the Company and the Shareholders. The Shareholders are encouraged to participate in the Company's general meetings in person or, where they are unable to attend the meetings, appoint proxies to attend and vote at the meetings for and on their behalf.

(3) The Company shall facilitate communications with the Shareholders and the investment community by organizing roadshows, investor meetings, investor/analyst presentations, individual meetings and media interviews on a regular basis.

In 2022, the Company convened two general meetings, and organized two results briefings and a number of investor meetings and media interviews.

In light of the shareholders communication policy adopted and communication channels already in force, and the general meetings of the Company held during the year which enabled the Directors to exchange views with the Shareholders and answer their questions, the Board has reviewed and considered that the Company's shareholder communication policy has been appropriately implemented and remains effective during the year ended 31 December 2022.

CORPORATE GOVERNANCE REPORT

(A) The rights of Shareholders

The Articles of Association provide the rights and obligations of all Shareholders.

Shareholders are encouraged to attend the annual general meetings/extraordinary general meetings to ensure the high level of accountability and to stay apprised of the Group's strategy and goals.

There are no provisions allowing Shareholders to propose new resolutions at the general meetings under the Cayman Islands Companies Law (2012 Revision). However, pursuant to the Articles of Association, any member or members holding not less than one-tenth of paid-up capital of the Company, which entitled them to vote at the meeting, as at the date of submitting the request is or are entitled to give written request to the Board or the Company Secretary of the Company to request the Board to convene an extraordinary general meeting at any time and to handle the matters set out in the above request. The above meeting shall be convened within two (2) months after submitting the relevant request to the Company's principal place of business in Hong Kong, at 31/F, Tower Two, Times Square, 1 Matheson Street, Causeway Bay, Hong Kong and for the attention of the Company Secretary. If the Board has not convened the meeting within twenty-one (21) days after receiving the request, the requesting persons can convene the meeting by which all the reasonable expenses of petitioners so caused should be compensated by the Company.

According to the Listing Rules, any voting of the shareholders at a general meeting must be taken by poll (except where the chairman, in good faith, decides to allow a resolution which relates purely to a procedural or administrative matter to be voted on by a show of hands) and the results of the poll shall be deemed to be the resolution of the meeting.

(B) Procedures of putting forward enquiries to the Board by Shareholders

For putting forward any enquiries or proposals to the Board, Shareholders may send written enquiries to the Company. The contact information is as follows:

Address: 31/F, Tower Two, Times Square, 1 Matheson Street, Causeway Bay, Hong Kong
Tel: +852 3188 8333
Fax: +852 3188 8222

For the avoidance of doubt, Shareholders must deposit and send the original duly signed written requisition, notice or statement, or enquiry (as the case may be) to the above address, and provide their full name, contact details and identification in order to give effect thereto. Shareholders' information may be disclosed as required by law.

Meanwhile, the Chairman of the Board as well as the chairmen of all of the specialized committees under the Board, or in their absence, other members of the respective committees, are available to answer questions at the annual general meeting of the Company. The independent auditor shall also be present at the meeting to assist the Directors to answer questions raised by the Shareholders.

(C) Shareholders' enquiries

Any enquiries relating to your shareholding, for example, transfers of shares, change of address, loss of share certificates or dividend cheques, shall be sent or made to Computershare Hong Kong Investor Services Limited, the Company's share registrar in Hong Kong whose contact information is as follows:

Address: Shops 1712-1716, 17th Floor, Hopewell Centre, 183 Queen's Road East, Wanchai, Hong Kong
Tel: +852 2862 8628
Fax: +852 2865 0990 and +852 2529 6087
Website: www.computershare.com.hk

(D) Investor relations and communication

The Company promotes the effective communication with Shareholders, investors and other interested persons through the website of the Hong Kong Stock Exchange (http://www.hkexnews.hk) and the Company's website (www.hankingmining.com). The Company's website sets out the following information:

- Articles of Association, the Board and its specialized committees and the biographies of Directors;
- announcements, circulars, regular reports, promotional materials and press releases of the Company;
- financial information and summarized financial information for the respective years of the Company; and
- information about the Company's shares.

The Company's website also provides investors' calendar and subscription of company information services, so as to promote the communication with investors.

In addition, the Company duly issues company consultation documents and other related financial information, including detailed information related to the Company's business performance and development as disclosed in annual reports, interim reports, press releases and announcements.

BIOGRAPHIES OF DIRECTORS AND SENIOR MANAGEMENT

1. COMPOSITION OF DIRECTORS

As at the Latest Practicable Date, the Board consisted of three executive Directors, two non-executive Directors and three independent non-executive Directors. The following table sets forth certain information in respect of our Directors:

Name	Age	Position/Title in the Group	Date of Appointment/Re-election	Roles and Responsibilities
Mr. Yang Jiye	45	Executive Director, Chairman of the Board, Chief Executive Officer and President	appointed as Chief Executive Officer and President on 20 March 2018 re-elected as executive Director on 27 May 2021	responsible for the formulation and implementation of the overall operation and development strategy of the Group, supervision on the execution and implementation of the strategies by the management and daily operation and management of the Group
Mr. Zheng Xuezhi	53	Executive Director, Chief Operating Officer and Executive Vice President	re-elected as executive Director on 27 May 2021	responsible for assisting the President in the implementation of the overall operation and development strategy of the Group, and fully responsible for the daily operation and management of the Group
Dr. Qiu Yumin	60	Executive Director, Vice President and chief executive officer and president of Hanking Australia	re-elected as executive Director on 26 May 2022	responsible for the daily operation management and investment of the Group's business in Australia
Mr. Kenneth Lee	55	Non-executive Director	re-elected as non-executive Director on 28 May 2020	N/A
Mr. Xia Zhuo	57	Non-executive Director	re-elected as non-executive Director on 26 May 2022	N/A
Mr. Wang Ping	52	Independent non-executive Director	re-elected as independent non-executive Director on 26 May 2022	N/A
Dr. Wang Anjian	69	Independent non-executive Director	re-elected as independent non-executive Director on 28 May 2020	N/A
Mr. Ma Qingshan	44	Independent non-executive Director	re-elected as independent non-executive Director on 27 May 2021	N/A

Resignation/Retirement of Director

During the reporting period, none of the Directors has resigned/retired from the Company.

2. BIOGRAPHY OF NON-EXECUTIVE DIRECTORS

Mr. Kenneth Lee, aged 55, is a non-executive Director. He has served on the Company's Board since 2012. Mr. Lee has more than 20 years of experience across equity investments, corporate finance and business development in China. He is also an independent non-executive director of Sinovac Biotech Limited, a company listed in the USA and a director of Bona Film Group Co.,Ltd. (SZSE: 001330), a company listed on the Shenzhen Stock Exchange. Mr. Lee graduated from Amherst College in the USA. Save as disclosed above, over the past three years, he did not hold any directorships in any other listed public companies.

Mr. Xia Zhuo, aged 57, is a non-executive Director. He has served on the Company's Board since 2011. He is currently serving as the director of Aoniu Mining. In addition, he also serves as the director of Hanking Group and Hanking Electronics (Liaoning) Co., Ltd., and as the supervisor of Indonesia project companies (KS, KKU and KP) of Hanking Group. Mr. Xia has obtained more than 25 years of experience in the mining industry. Over the past three years, he did not hold any directorships in any other listed public companies.

3. BIOGRAPHY OF EXECUTIVE DIRECTORS

Mr. Yang Jiye, aged 45, is an executive Director, Chairman of the Board and Chief Executive Officer and President. Meanwhile, he is also the chairman of the board of directors of Aoniu Mining, and the director of Hanking Australia and Hanking D.R.I.. Mr. Yang is currently serving as the chairman of the board of directors of Liaoning Hanking Investment Co., Ltd. (遼寧罕王投資有限公司). With his previous and current positions in the Group, he has more than 20 years of experience in corporate governance and management. Over the past three years, he did not hold any directorships in any other listed public companies. Mr. Yang is the son of Ms. Yang Min, a Controlling Shareholder.

Mr. Zheng Xuezhi, aged 53, is an executive Director, Chief Operating Officer and Executive Vice President. Mr. Zheng is responsible for assisting the President in the implementation of the overall operation and development strategy of the Group, and is fully responsible for the daily operation and management of the Group. Mr. Zheng is currently acting as the director of Aoniu Mining and the chairman of Hanking Environmental Protection Technology. He is also a supervisor of Liaoning Hanking Investment Co., Ltd.. Being in his previous and current positions in the Group, Mr. Zheng has obtained more than 20 years of experience in financing, auditing, taxation and corporate operation management. Mr. Zheng graduated from Northeast University (東北大學) with a master degree in business administration for executives. Mr. Zheng is a certified public accountant and a certified public valuer in the PRC. Over the past three years, he did not hold any directorships in any other listed public companies.

BIOGRAPHIES OF DIRECTORS AND SENIOR MANAGEMENT

Dr. Qiu Yumin, aged 60, is an executive Director and Vice President. He is also the director, chief executive officer and president of Hanking Australia and the director of other Australian subsidiaries of the Company, including PGO. Dr. Qiu Yumin is a member of the Australian Institute of Geoscientists, and has over 25 years of experience in exploration and business development. Currently, Dr. Qiu serves as the non-executive director of Corazon Mining Ltd (ASX: CZN), a company listed in Australia. Save as disclosed above, over the past three years, he did not hold any directorships in any other listed public companies.

4. BIOGRAPHY OF INDEPENDENT NON-EXECUTIVE DIRECTORS

Mr. Wang Ping, aged 52, is an independent non-executive Director. He is a non-practicing member of the Chinese Institute of Certified Public Accountants. Mr. Wang has over 26 years of experience in corporate finance, audit and accounting. Mr. Wang is currently acting as the independent non-executive director of China Tianrui Group Cement Company Limited (HKSE: 1252) and Jia Yao Holdings Limited (formerly known as "Tourism International Holdings Limited") (HKSE: 1626), both being companies listed on the Hong Kong Stock Exchange, and the independent non-executive director of Shenzhen Fuanna Bedding and Furnishing Co., Ltd. (SZSE: 002327), a company listed on the Shenzhen Stock Exchange. He also acted as the non-executive director of Chongyi Zhangyuan Tungsten Co., Ltd. (SZSE: 002378) from May 2017 to June 2020, a company listed on the Shenzhen Stock Exchange and the independent non-executive director of China Sinostar Group Company Limited (HKSE: 485) from July 2014 to May 2020, a company listed on the Hong Kong Stock Exchange. Save as disclosed above, over the past three years, he did not hold any directorships in any other listed public companies.

Dr. Wang Anjian, aged 69, is an independent non-executive Director and has extensive experience in research of resource strategy. Dr. Wang Anjian is currently the professor and chief scientist of the Research Center for Strategy of Global Mineral Resources, Chinese Academy of Geological Sciences. Dr. Wang Anjian is currently acting as the independent non-executive director of Chongyi Zhangyuan Tungsten Co., Ltd. (SZSE: 002378), a company listed on the Shenzhen Stock Exchange. Save as disclosed above, over the past three years, he did not hold any directorships in any other listed public companies.

Mr. Ma Qingshan, aged 44, is an independent non-executive Director and has over 21 years of substantial experience in management and consultation. He has extensive experience in corporate strategic planning, business model and control model, digitalization transformation, post-acquisition integration, corporate performance management, corporate investment management, business process optimization and global business development. Mr. Ma obtained a bachelor's degree in finance and e-commerce from Peking University and a master degree in business administration for executives from Institut Européen d'Administration des Affaires (INSEAD) and Tsinghua University, and is qualified as a Chartered Financial Analyst (CFA). Mr. Ma is currently acting as the independent non-executive director of Uni-Bio Science Group Limited (HKSE: 690), a company listed on the Hong Kong Stock Exchange. Save as disclosed above, over the past three years, he did not hold any directorships in any other listed public companies.

5. SENIOR MANAGEMENT

The following table sets forth certain information in respect of our senior management as at the Latest Practicable Date:

Name	Age	Position/Title	Biography
Yang Jiye	45	Chief Executive Officer and President	See "Biography of Executive Directors"
Zheng Xuezhi	53	Chief Operating Officer and Executive Vice President	See "Biography of Executive Directors"
Qiu Yumin	60	Vice President as well as chief executive officer and president of Hanking Australia	See "Biography of Executive Directors"
Huang Jinfu	66	Vice President and president of Aoniu Mining	See below
Gao Yue	44	Chief Financial Officer	See below
Zhang Jing	42	Joint Company Secretary, Board Secretary and manager of investor relationship department	See "Joint Company Secretaries"

Mr. Huang Jinfu, aged 66, is the Vice President and the director and president of Aoniu Mining. He is responsible for the daily operation and management of the Group's iron ore business. Mr. Huang is a mineral processing engineer. He joined the Group in 2008 and has more than 40 years of experience in the mining industry.

Ms. Gao Yue, aged 44, the Chief Financial Officer, joined the Company in July 2017 and has previously served as the vice president in the finance department and the manager in the budgeting department of the Company. Ms. Gao is currently a supervisor of Aoniu Mining. Ms. Gao has more than 15 years of experience in the audit and finance industry. She is a certified public accountant in China and has worked in the audit departments of Deloitte China and KPMG China respectively. She obtained a master degree in accounting from the University of International Business and Economics in June 2005.

Resignation of Senior Management

During the reporting period, none of our senior management has resigned from the Company.

6. JOINT COMPANY SECRETARIES

Ms. Zhang Jing, joined the Company in 2011 and and has previously served as the manager of the compliance department, director-general of the office of the Board, manager of the investor relationship department and Board Secretary of the Company, as well as the supervisor of Aoniu Mining. Ms. Zhang obtained the bachelor degree of law from China University of Political Science and Law in July 2003, and obtained the master degree specialising in international business law and European Union law from the University of Sheffield in the UK in November 2004. Ms. Zhang served as a practising lawyer at Yunnan Qianhe Law Firm from February 2005 to February 2009, providing corporate and securities legal services, where she acted as the legal consultant for a number of listed companies. With the past and current positions she held in the Group, Ms. Zhang has over 14 years of experience in corporate governance, listing compliance as well as investor relationship management.

Ms. Wong Hoi Ting, an associate member of The Hong Kong Chartered Governance Institute and The Chartered Governance Institute in the United Kingdom. She has over 9 years of experience in company secretarial field, and possesses the qualifications of company secretary as required under Rule 3.28 and Rule 8.17 of the Listing Rules. Ms. Wong is currently an assistant manager of the Listing Services Department of TMF Hong Kong Limited (a global corporate services provider).

CORPORATE INFORMATION

COMPANY'S STATUTORY CHINESE NAME

中國罕王控股有限公司

COMPANY'S STATUTORY ENGLISH NAME

China Hanking Holdings Limited

STOCK CODE

03788

REGISTERED OFFICE

Cricket Square
Hutchins Drive
P.O. Box 2681
Grand Cayman
KY1-1111
Cayman Islands

HEADQUARTERS IN THE PRC

22nd Floor, Hanking Tower
No. 227, Qingnian Street
Shenhe District
Shenyang 110016
Liaoning Province
PRC

PRINCIPAL PLACE OF BUSINESS IN HONG KONG

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

AUTHORIZED REPRESENTATIVES

Mr. Zheng Xuezhi
Ms. Wong Hoi Ting

JOINT COMPANY SECRETARIES

Ms. Zhang Jing
Ms. Wong Hoi Ting

AUDITOR

Deloitte Touche Tohmatsu
Registered Public Interest Entity Auditors
35/F, One Pacific Place
88 Queensway
Hong Kong

HONG KONG LEGAL ADVISOR

Jingtian & Gongcheng LLP
Suites 3203-3207, 32/F
Edinburgh Tower, The Landmark
15 Queen's Road Central
Central
Hong Kong

PRINCIPAL SHARE REGISTRAR IN THE CAYMAN ISLANDS

Conyers Trust Company (Cayman) Limited
Cricket Square
Hutchins Drive
P.O. Box 2681
Grand Cayman
KY1-1111
Cayman Islands

CORPORATE INFORMATION

HONG KONG SHARE REGISTRAR

Computershare Hong Kong Investor Services Limited
Shops 1712–1716, 17th Floor, Hopewell Centre
183 Queen's Road East
Wanchai
Hong Kong

INVESTOR INQUIRIES

Investor Hotline: +852 3158 0506
Facsimile: +852 3158 0508
Website: www.hankingmining.com
E-mail: ir@hanking.com

DIRECTORS

Executive Directors

Mr. Yang Jiye
(Chairman, Chief Executive Officer and President)
Mr. Zheng Xuezhi
(Chief Operating Officer and Executive Vice President)
Dr. Qiu Yumin

Non-executive Directors

Mr. Kenneth Lee
Mr. Xia Zhuo

Independent Non-executive Directors

Mr. Wang Ping
Dr. Wang Anjian
Mr. Ma Qingshan

AUDIT COMMITTEE

Mr. Wang Ping *(Chairman)*
Dr. Wang Anjian
Mr. Kenneth Lee

REMUNERATION COMMITTEE

Mr. Wang Ping *(Chairman)*
Mr. Kenneth Lee
Mr. Ma Qingshan

NOMINATION COMMITTEE

Mr. Yang Jiye *(Chairman)*
Dr. Wang Anjian
Mr. Ma Qingshan

HEALTH, SAFETY, ENVIRONMENTAL PROTECTION AND COMMUNITY COMMITTEE

Dr. Qiu Yumin *(Chairman)*
Mr. Yang Jiye
Dr. Wang Anjian

Deloitte. 德勤

TO THE SHAREHOLDERS OF CHINA HANKING HOLDINGS LIMITED (中國罕王控股有限公司)

(Incorporated in the Cayman Islands with limited liability)

OPINION

We have audited the consolidated financial statements of China Hanking Holdings Limited (the "**Company**") and its subsidiaries (collectively referred to as the "**Group**") set out on pages 74 to 198, which comprise the consolidated statement of financial position as at 31 December 2022, and the consolidated statement of profit or loss and other comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for the year then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion, the consolidated financial statements give a true and fair view of the consolidated financial position of the Group as at 31 December 2022, and of its consolidated financial performance and its consolidated cash flows for the year then ended in accordance with International Financial Reporting Standards ("**IFRSs**") issued by the International Accounting Standards Board ("**IASB**") and have been properly prepared in compliance with the disclosure requirements of the Hong Kong Companies Ordinance.

BASIS FOR OPINION

We conducted our audit in accordance with Hong Kong Standards on Auditing ("**HKSAs**") issued by the Hong Kong Institute of Certified Public Accountants ("**HKICPA**"). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are independent of the Group in accordance with the HKICPA's Code of Ethics for Professional Accountants (the "**Code**"), and we have fulfilled our other ethical responsibilities in accordance with the Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

KEY AUDIT MATTERS

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

INDEPENDENT AUDITOR'S REPORT

TO THE SHAREHOLDERS OF CHINA HANKING HOLDINGS LIMITED (中國罕王控股有限公司)

(Incorporated in the Cayman Islands with limited liability) – continued

Key audit matter	How our audit addressed the key audit matter

Impairment of long-lived assets (including property, plant and equipment, mining rights, exploration and evaluation assets; and right-of-use assets of Iron Ore Business and Building Material Business.)

Refer to notes 19, 21, 22 and 24

We identified impairment of property, plant and equipment, mining rights, exploration and evaluation assets and right-of-use assets, being the major assets engaged in Iron Ore Business and Building Material Business (as defined in note 1 and set out in note 24) as a key audit matter because the carrying amounts of these assets were significant and the impairment assessment involved significant management judgment and estimation of uncertainty.

At the end of reporting period, the management of the Group reviews the relevant assets for impairment. If impairment indication exists, the recoverable amount of relevant assets is estimated in order to determine the extent of impairment loss.

The recoverable amount is the higher of fair value less cost of disposal and value in use. In assessing value-in-use, it requires significant management judgments and forward looking estimates with respect to factors such as budgeted sales, growth rates, discount rate and the assumptions adopted in the underlying cash flows of each asset or cash generating unit where such asset belongs.

As stated in note 24, an impairment loss of RMB18,822,000 (2021: RMB22,269,000) has been recognised against the carrying amount of property, plant and equipment of Iron Ore Business and Building Materials Business for the year ended 31 December 2022.

Our procedures in relation to the management's impairment assessment included:

- Understanding the management's approach on identification of indicators on the impairment of long-lived assets and checking whether the approach is reasonable and supportable;

- Understanding and evaluating the design and implementation of key controls relevant to impairment assessment of long-lived assets;

- Understanding the management's methodology adopted and the estimation on fair value and cost of disposal, such as the disposal plan and market value of the assets, and, assessing whether they are reasonable and supportable;

- Assessing whether the model used by the management in calculating the value-in-use of the individual cash-generating unit was in compliance with IAS 36 "Impairment of Assets"; and

- Understanding the projected cash flows, evaluating the assumptions related to the production volumes, commodity selling prices, market outlook and industry trend; and comparing those inputs against available market data and externally available benchmarks as well as historical performance and our knowledge of the businesses.

OTHER INFORMATION

The directors of the Company are responsible for the other information. The other information comprises the information included in the annual report, but does not include the consolidated financial statements and our auditor's report thereon.

Our opinion on the consolidated financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the consolidated financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

RESPONSIBILITIES OF DIRECTORS OF THE COMPANY AND THOSE CHARGED WITH GOVERNANCE FOR THE CONSOLIDATED FINANCIAL STATEMENTS

The directors of the Company are responsible for the preparation of the consolidated financial statements that give a true and fair view in accordance with IFRSs issued by the IASB and the disclosure requirements of the Hong Kong Companies Ordinance, and for such internal control as the directors of the Company determine is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, the directors of the Company are responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the directors of the Company either intend to liquidate the Group or to cease operations, or have no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group's financial reporting process.

AUDITOR'S RESPONSIBILITIES FOR THE AUDIT OF THE CONSOLIDATED FINANCIAL STATEMENTS

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion 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. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with HKSAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

AUDITOR'S RESPONSIBILITIES FOR THE AUDIT OF THE CONSOLIDATED FINANCIAL STATEMENTS *(CONTINUED)*

As part of an audit in accordance with HKSAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.

- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the directors.

- Conclude on the appropriateness of the directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

AUDITOR'S RESPONSIBILITIES FOR THE AUDIT OF THE CONSOLIDATED FINANCIAL STATEMENTS *(CONTINUED)*

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, actions taken to eliminate threats or safeguards applied.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partner on the audit resulting in the independent auditor's report is Leung, David.

Deloitte Touche Tohmatsu
Certified Public Accountants
Hong Kong
23 March 2023

CONSOLIDATED STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME

for the year ended 31 December 2022

		Year ended 31 December	
	NOTES	**2022 RMB'000**	2021 RMB'000
Revenue	5	**2,601,833**	3,126,648
Cost of sales		**(2,243,830)**	(1,911,303)
Gross profit		**358,003**	1,215,345
Other income	7	**27,179**	17,537
Other gains and losses	8	**(19,992)**	(14,474)
Impairment losses under expected credit loss ("**ECL**") model, net of reversal	9	**(13,297)**	(2,865)
Distribution and selling expenses		**(77,003)**	(105,893)
Administrative expenses		**(201,730)**	(206,776)
Research and development expenses		**(11,491)**	(7,955)
Share of results of an associate	23	**(787)**	(3,657)
Finance costs	10	**(68,485)**	(78,419)
(Loss) profit before tax	11	**(7,603)**	812,843
Income tax expense	12	**(45,407)**	(153,440)
(Loss) profit for the year		**(53,010)**	659,403
Other comprehensive income (expense):			
Items that may be reclassified subsequently to profit or loss:			
Exchange differences on translation of financial statements of foreign operations		**4,994**	(23,474)
Reclassification of cumulative translation reserve upon disposal of a foreign operation to profit or loss		**–**	1,169
Other comprehensive income (expense) for the year		**4,994**	(22,305)
Total comprehensive (expense) income for the year		**(48,016)**	637,098
(Loss) profit for the year attributable to:			
Owners of the Company		**(51,297)**	658,957
Non-controlling interests		**(1,713)**	446
		(53,010)	659,403
Total comprehensive (expense) income for the year attributable to:			
Owners of the Company		**(46,515)**	637,460
Non-controlling interests		**(1,501)**	(362)
		(48,016)	637,098
Basic (loss) earnings per share (RMB cent per share)	18	**(2.7)**	33.9

CONSOLIDATED STATEMENT OF FINANCIAL POSITION

at 31 December 2022

	NOTES	**31 December 2022 RMB'000**	31 December 2021 RMB'000
Non-current assets			
Property, plant and equipment	19	**822,384**	896,022
Goodwill	20	**209,132**	209,132
Intangible assets	21	**415,769**	391,217
Right-of-use assets	22	**200,378**	204,861
Interests in an associate	23	**34,556**	26,343
Financial assets at fair value through profit or loss ("**FVTPL**")	32	**2,114**	2,150
Deferred tax assets	26	**35,621**	15,077
Deposits on acquisition of property, plant and equipment		**12,943**	7,939
Restricted deposits	27	**36,405**	37,590
Pledged bank deposits	33	**–**	20,000
Investment deposit	28	**7,542**	–
Amount due from a related party	50	**7,283**	–
		1,784,127	1,810,331
Current assets			
Inventories	29	**395,029**	226,358
Trade and other receivables	30	**210,421**	237,886
Receivables at fair value through other comprehensive income ("**FVTOCI**")	31	**114,399**	396,589
Financial assets at FVTPL	32	**1,000**	1,000
Pledged bank deposits	33	**723,417**	859,254
Bank balances and cash	33	**134,411**	279,491
		1,578,677	2,000,578
Current liabilities			
Trade, bills and other payables	34	**1,157,960**	1,358,560
Amount due to a related party	50	**63,438**	10,624
Borrowings	36	**541,400**	514,163
Lease liabilities	38	**4,622**	4,202
Contract liabilities	35	**111,800**	46,579
Tax liabilities		**76,778**	100,915
Deferred income		**437**	647
		1,956,435	2,035,690
Net current liabilities		**(377,758)**	(35,112)
Total assets less current liabilities		**1,406,369**	1,775,219

(Continued)

CONSOLIDATED STATEMENT OF FINANCIAL POSITION

at 31 December 2022

	NOTES	31 December 2022 RMB'000	31 December 2021 RMB'000
Capital and reserves			
Share capital	40	**160,203**	160,203
Reserves		**1,114,157**	1,399,592
Equity attributable to owners of the Company		**1,274,360**	1,559,795
Non-controlling interests		**6,976**	8,477
Total equity		**1,281,336**	1,568,272
Non-current liabilities			
Borrowings	36	**57,000**	122,500
Lease liabilities	38	**5,153**	5,101
Provision	37	**42,880**	44,346
Other long-term liabilities	39	**20,000**	35,000
		125,033	206,947
		1,406,369	1,775,219

The consolidated financial statements on pages 74 to 198 were approved and authorised for issue by the board of directors on 23 March 2023 and are signed on its behalf by:

YANG JIYE

DIRECTOR

ZHENG XUEZHI

DIRECTOR

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

for the year ended 31 December 2022

	Attributable to owners of the Company												
	Share capital RMB'000 (note 40)	Restricted shares held for Incentive Award Scheme RMB'000 (note 43)	Share premium RMB'000	Statutory surplus reserve RMB'000 (note a)	Future development funds reserve RMB'000 (note b)	Translation reserve RMB'000	Share-based payments reserve RMB'000	Special reserve RMB'000 (note c)	Other reserves RMB'000 (note d)	Retained earnings RMB'000	Attributable to owners of the Company RMB'000	Non-controlling interests RMB'000	Total RMB'000
At 1 January 2021	160,203	(23,606)	342,158	232,545	668,948	5,071	614	(1,577,161)	(16,988)	1,363,332	1,155,116	8,839	1,163,955
Profit for the year	–	–	–	–	–	–	–	–	–	658,957	658,957	446	659,403
Other comprehensive expense for the year	–	–	–	–	–	(21,497)	–	–	–	–	(21,497)	(808)	(22,305)
Total comprehensive (expense) income for the year	–	–	–	–	–	(21,497)	–	–	–	658,957	637,460	(362)	637,098
Transfer to future development funds reserve, net of utilisation	–	–	–	–	12,137	–	–	–	–	(12,137)	–	–	–
Recognition of equity-settled share-based payments (note 42)	–	–	–	–	–	–	788	–	–	–	788	–	788
Dividend declared (note 17)	–	–	–	–	–	–	–	–	–	(224,002)	(224,002)	–	(224,002)
Profit appropriation to statutory surplus reserve	–	–	–	15,598	–	–	–	–	–	(15,598)	–	–	–
Purchase of ordinary shares pursuant to the Scheme (as defined in note 43)	–	(9,567)	–	–	–	–	–	–	–	–	(9,567)	–	(9,567)
At 31 December 2021	**160,203**	**(33,173)**	**342,158**	**248,143**	**681,085**	**(16,426)**	**1,402**	**(1,577,161)**	**(16,988)**	**1,770,552**	**1,559,795**	**8,477**	**1,568,272**
Loss for the year	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**(51,297)**	**(51,297)**	**(1,713)**	**(53,010)**
Other comprehensive income for the year	**-**	**-**	**-**	**-**	**-**	**4,782**	**-**	**-**	**-**	**-**	**4,782**	**212**	**4,994**
Total comprehensive income (expense) for the year	**-**	**-**	**-**	**-**	**-**	**4,782**	**-**	**-**	**-**	**(51,297)**	**(46,515)**	**(1,501)**	**(48,016)**
Transfer to future development funds reserve, net of utilisation	**-**	**-**	**-**	**-**	**(8,753)**	**-**	**-**	**-**	**-**	**8,753**	**-**	**-**	**-**
Recognition of equity-settled share-based payments (note 42)	**-**	**-**	**-**	**-**	**-**	**-**	**1,467**	**-**	**-**	**-**	**1,467**	**-**	**1,467**
Dividend declared (note 17)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**(234,746)**	**(234,746)**	**-**	**(234,746)**
Profit appropriation to statutory surplus reserve	**-**	**-**	**-**	**1,432**	**-**	**-**	**-**	**-**	**-**	**(1,432)**	**-**	**-**	**-**
Purchase of ordinary shares pursuant to the Scheme (as defined in note 43)	**-**	**(5,641)**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**(5,641)**	**-**	**(5,641)**
At 31 December 2022	**160,203**	**(38,814)**	**342,158**	**249,575**	**672,332**	**(11,644)**	**2,869**	**(1,577,161)**	**(16,988)**	**1,491,830**	**1,274,360**	**6,976**	**1,281,336**

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

for the year ended 31 December 2022

Notes:

(a) In accordance with the relevant company laws and regulations of the People's Republic of China (the "**PRC**") and the Articles of Association of the PRC subsidiaries, the PRC subsidiaries are required to appropriate 10% of their profit after taxation reported in their financial statements prepared in accordance with relevant accounting principles and financial regulations applicable to enterprises established in the PRC (the "**PRC GAAP**") to the statutory surplus reserve. The appropriation to statutory surplus reserve may cease if the balance of the statutory surplus reserve has reached 50% of the registered capital of the relevant PRC subsidiaries.

The statutory surplus reserves can be used to make up prior year losses, if any, and can be applied in conversion into capital by means of capitalisation issue. However, when converting the statutory surplus reserve of the PRC subsidiaries into capital, the balance of such reserve remaining unconverted must not be less than 25% of the registered capital of the relevant PRC subsidiaries.

(b) Pursuant to regulation in the PRC, Fushun Hanking Aoniu Mining Co., Ltd* (撫順罕王傲牛礦業股份有限公司) ("**Aoniu Mining**"), and Fushun Hanking Shangma Mining Co., Ltd* (撫順罕王上馬礦業有限公司) ("**Shangma Mining**"), subsidiaries of the Group carrying on Iron Ore Business (as defined in note 1), are required to transfer an amount to a future development fund ranging from RMB5-15 (2021: RMB5-10) per ton of iron ore mined annually.

Fushun Hanking Direct Reduced Iron Co., Ltd.* (撫順罕王直接還原鐵有限公司) ("**Hanking D.R.I.**"), a subsidiary of the Group carrying on High-purity Iron Business (as defined in note 1), are required to transfer an amount to a future development fund ranging from 0.05%-3% (2021: 0.05%-3%) of annual operating income.

On 21 November 2022, government released new rules for future development fund. If the balance of the entity's future development fund reaches three times or more of the accrued amount of the previous year, the transfer to future development fund can be stopped.

Pursuant to the requirement of PRC government, the fund can only be used for enhancement of safety production environment and improvement of facilities of the iron ore mining business and production of high-purity iron and is not available for distribution to shareholders. RMB18,543,000 and RMB46,628,000 of future development fund was provided during the year ended 31 December 2022 and 2021, respectively. RMB27,296,000 and RMB34,491,000 was utilised during the years ended 31 December 2022 and 2021, respectively.

(c) Special reserve mainly represented the distribution to the then equity shareholders at the time when the Company undergone business combination involving entities under common control in 2013 and 2019.

(d) Other reserves consist of:

(1) the deemed capital contribution/distribution arising from a series of group reorganisations in relation to the High-purity Iron Business during the year ended 31 December 2015;

(2) the deemed capital contribution arising from the disposal of a subsidiary and an associate of Fushun Hanking Ginseng & Iron Trading Co., Ltd.* (撫順罕王人參鐵貿易有限公司) ("**Ginseng & Iron**") to Fushun Majuncheng Iron Co., Ltd. and Hanking Industrial Group Co., Ltd. which are controlled by Ms. Yang Min, one of the Controlling Shareholders (as defined in note 1), respectively during the year ended 31 December 2015;

* English name is for identification purpose only.

Notes: – Continued

(3) the dilution impact to the change in the Group's interest in a subsidiary during the year ended 31 December 2016;

(4) the dilution impact to the Group's equity interest in Hanking Australia Investment Pty Ltd ("**Hanking Australia**") from 97% to 94% for the year ended 31 December 2018;

(5) the deemed distribution arising from the interest-free amount due from a related party and financial guarantees provided to related parties controlled by Mr. Yang Jiye, one of the Controlling Shareholders;

(6) On 29 June 2018, Tuochuan (Hong Kong) Limited ("**Tuochuan (Hong Kong)**") acquired 99% equity interest of Ginseng & Iron from Liaoning Hanking Investment Co., Ltd. (遼寧罕王投資有限公司) ("**Hanking Investment**"), which was owned as to 99% by Mr. Yang Jiye, one of the Controlling Shareholders and 1% by his spouse Ms. He Wan, for a consideration of RMB128,700,000, resulting in a debit to other reserve of RMB128,700,000 as deemed distribution, accordingly;

(7) On 24 August 2018, Hanking Australia, which was owned as to 97% by the Group and 3% by Golden Resource Pty Ltd. ("**Golden Resource**"), whose 100% equity interests were owned and controlled by Dr. Qiu Yumin ("**Dr Qiu**"), a director of Hanking Australia and an executive director of the Company, and Golden Resource, entered into a loan capitalisation agreement pursuant to which the Group proposed to capitalise the loan previously advanced to Hanking Australia from the Company amounting to AUD42,000,000 (equivalent to RMB209,345,000) as capital contribution to Hanking Australia (the "**Capital Injection**"). Golden Resource had been exempted from such capital contribution with its equity interest in Hanking Australia remained unchanged. The amount of exemption of capital contribution by Golden Resource of AUD1,260,000 (equivalent to RMB6,280,000) was considered as salary payment to Dr. Qiu and charged to profit or loss immediately, with a corresponding credit to "non-controlling interests" in equity, accordingly during the year ended 31 December 2018.

Pursuant to the loan capitalisation agreement, after the completion date of the Capital Injection, Dr. Qiu shall continue to work at Hanking Australia or any affiliated company designated by Hanking Australia for at least five years, during which period both Dr. Qiu and Golden Resource shall not transfer any or all of the shares in Hanking Australia. Should Dr. Qiu or Golden Resource fail to fulfill the aforesaid obligations, the Group shall be entitled to repurchase the 3% equity interests in Hanking Australia held by Golden Resource at a consideration of AUD1,300,000, and both Dr. Qiu and Golden Resource shall be obliged to facilitate;

(8) the deemed capital contribution arising from the gain on disposal in respect of Hanking (Indonesia) Mining Limited ("**Hanking (Indonesia)**") and its subsidiaries and Shanghai Hanking Housing Technology Co., Ltd.* (上海罕王住宅工業科技有限公司) and its subsidiaries to related parties controlled by Mr. Yang Jiye, one of the Controlling Shareholders, during the year ended 31 December 2019; and

(9) the difference of RMB10,434,000 between the carrying amount of the non-controlling interests, and the fair value of the consideration paid arising from acquisition of 100% equity interest in Zhenghai Investment Limited.

* English name is for identification purpose only.

CONSOLIDATED STATEMENT OF CASH FLOWS

for the year ended 31 December 2022

	NOTES	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
OPERATING ACTIVITIES			
(Loss) profit before tax		**(7,603)**	812,843
Adjustments for:			
Finance costs		**68,485**	78,419
Share of results of an associate		**787**	3,657
Interest income		**(18,000)**	(12,722)
Write-down of inventories		**29,684**	3,636
Impairment loss on property, plant and equipment		**18,822**	22,269
Impairment loss of intangible assets		**–**	289
Impairment loss on trade and other receivables		**13,297**	2,865
Loss on disposal of property, plant and equipment		**1,402**	1,626
Gain relating to termination of a lease		**(298)**	–
Depreciation of property, plant and equipment		**119,193**	147,957
Amortisation of intangible assets		**23,734**	24,190
Amortisation of right-of-use assets		**18,181**	32,431
Fair value loss on financial assets at FVTPL		**1,217**	853
Net foreign exchange (gain) loss		**(3,233)**	1,309
Gain on disposal of a subsidiary		**–**	(35,950)
Provision for contingency		**–**	12,556
Recognition of equity-settled share-based payments		**1,467**	788
Operating cash flows before movements in working capital		**267,135**	1,097,016
(Increase) decrease in inventories		**(198,355)**	92,979
(Increase) decrease in trade and other receivables		**(81,607)**	53,490
Decrease (increase) in receivables at FVTOCI		**282,190**	(310,343)
(Decrease) increase in trade, bills and other payables		**(46,801)**	226,970
Increase in contract liabilities		**65,221**	5,998
Decrease in deferred income		**(210)**	(2,353)
Decrease in rehabilitation provision		**(3,426)**	(3,336)
Provision for contingency		**–**	(22,556)
Cash generated from operations		**284,147**	1,137,865
Income tax paid		**(90,088)**	(134,292)
NET CASH FROM OPERATING ACTIVITIES		**194,059**	1,003,573

CONSOLIDATED STATEMENT OF CASH FLOWS

for the year ended 31 December 2022

	NOTES	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
INVESTING ACTIVITIES			
Payments for acquisition of property, plant and equipment		**(87,424)**	(96,927)
Payments for acquisition of intangible assets		**(58,015)**	(87,455)
Payments for acquisition of right-of-use assets		**(9,708)**	(37,672)
Net cash outflow arising from acquisition of Wanfu Xin'an	13	**–**	(1,491)
Net cash inflow arising from disposal of MacPhersons Reward	14	**–**	64,967
Payments for acquisition of financial assets at FVTPL		**–**	(2,000)
Proceeds on disposal of financial assets at FVTPL		**–**	1,000
Proceeds on disposal of property, plant and equipment		**419**	4,702
Interest received		**18,000**	12,722
Withdrawal of restricted deposits		**3,995**	6,563
Placement of restricted deposits		**(4,281)**	(7,293)
Advance to third parties		**–**	(58,131)
Advance received from third parties		**20,000**	–
Capital injection to an associate		**(9,000)**	(30,000)
Withdrawal of pledged bank deposits in relation to borrowings and bills payables		**858,893**	280,023
Settlement of consideration payable for acquisition of Emerald Planet Group		**(64,800)**	–
Placement of pledged bank deposits in relation to borrowings and bills payables		**(703,056)**	(538,966)
Payment of investment deposit		**(7,542)**	–
Payments for additional investment in listed investments		**(1,158)**	–
NET CASH USED IN INVESTING ACTIVITIES		**(43,677)**	(489,958)

CONSOLIDATED STATEMENT OF CASH FLOWS

for the year ended 31 December 2022

	NOTES	**Year ended 31/12/2022 RMB'000**	Year ended 31/12/2021 RMB'000
FINANCING ACTIVITIES			
New borrowings raised		**475,900**	453,900
Repayment of borrowings		**(514,163)**	(551,000)
Repayment of lease liabilities		**(3,298)**	(4,643)
Interest paid		**(66,572)**	(77,715)
Dividend paid to owners of the Company		**(237,929)**	(215,343)
Loans raised from related parties		**433,595**	235,894
Repayment of advance from a related party		**(380,781)**	(236,266)
Repayment of advance from a third party		**–**	(16,697)
Purchase of ordinary shares pursuant to the Scheme (as defined in note 43)	43	**(5,641)**	(9,567)
NET CASH USED IN FINANCING ACTIVITIES		**(298,889)**	(421,437)
NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS		**(148,507)**	92,178
CASH AND CASH EQUIVALENTS AT 1 JANUARY		**279,491**	181,244
Effect of foreign exchange rate changes		**3,427**	6,069
CASH AND CASH EQUIVALENTS AT 31 DECEMBER		**134,411**	279,491
REPRESENTED BY BANK BALANCES AND CASH		**134,411**	279,491

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

1. GENERAL INFORMATION

China Hanking Holdings Limited (the "**Company**") is a Public limited company incorporated in the Cayman Islands on 2 August 2010 and its shares are listed on The Stock Exchange of Hong Kong Limited (the "**Stock Exchange**") on 30 September 2011. In the opinion of the directors of the Company (the "**Directors**"), Bisney Success Limited (incorporated in the British Virgin Islands ("**BVI**")), Tuochuan Capital Limited (incorporated in the BVI) and China Hanking (BVI) Limited (incorporated in the BVI), shareholders of the Company, are the ultimate parents of the Company as they are collectively controlled by the Company's ultimate controlling shareholders, Mr. Yang Jiye, who is also the chief executive officer, president and executive director of the Company, and Ms. Yang Min, who resigned as the executive director on 18 March 2016 (collectively, the "**Controlling Shareholders**"). The address of the registered office of the Company in Cayman Islands is Cricket Square, Hutchins Drive, P.O. Box 2681, Grand Cayman, KY1-1111, Cayman Islands. The address of principal place of business of the Company in Hong Kong is 31/F, Tower Two, Times Square, 1 Matheson Street, Causeway Bay, Hong Kong.

The Company is an investing holding company. During the year ended 31 December 2022, the Company and its subsidiaries (the "**Group**") are engaged in the following three principal activities:

(i) iron ore exploration, mining, processing and sale ("**Iron Ore Business**");

(ii) high-purity iron smelting, processing and sale ("**High-purity Iron Business**"); and

(iii) gold exploration, mining, processing and sale ("**Gold Business**").

Details of the Company's subsidiaries are set out in note 41.

The consolidated financial statements are presented in Renminbi ("**RMB**"), which is also the functional currency of the Company.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

2. APPLICATION OF AMENDMENTS TO INTERNATIONAL FINANCIAL REPORTING STANDARDS ("IFRSS")

Amendments to IFRSs that are mandatorily effective for the current year

In the current year, the Group has applied the following amendments to IFRSs issued by the International Accounting Standards Board (the "**IASB**") for the first time, which are mandatorily effective for the Group's annual period beginning on or after 1 January 2022 for the preparation of the consolidated financial statements:

Amendments to IFRS 3	Reference to the Conceptual Framework
Amendments to IFRS 16	Covid-19-Related Rent Concessions beyond 30 June 2021
Amendments to IAS 16	Property, Plant and Equipment-Proceeds before Intended Use
Amendments to IAS 37	Onerous Contracts-Cost of Fulfilling a Contract
Amendments to IFRSs	Annual Improvements to IFRSs 2018-2020

The application of the amendments to IFRSs in the current year has had no material impact on the Group's financial positions and performance for the current and prior years and/or on the disclosures set out in these consolidated financial statements.

New and amendments to IFRSs in issue but not yet effective

The Group has not early applied the following new and amendments to IFRSs that have been issued but are not yet effective:

IFRS 17	Insurance Contracts[1]
Amendments to IFRS 10 and IAS 28	Sale or Contribution of Assets between an Investor and its Associate or Joint Venture[2]
Amendments to IFRS 16	Lease Liability in a Sale and Leaseback[3]
Amendments to IAS 1	Classification of Liabilities as Current or Non-current[3]
Amendments to IAS 1	Non-current Liabilities with Covenants[3]
Amendments to IAS 1 and IFRS Practice Statement 2	Disclosure of Accounting Policies[1]
Amendments to IAS 8	Definition of Accounting Estimates[1]
Amendments to IAS 12	Deferred Tax related to Assets and Liabilities arising from a Single Transaction[1]

1 Effective for annual periods beginning on or after 1 January 2023
2 Effective for annual periods beginning on or after a date to be determined
3 Effective for annual periods beginning on or after 1 January 2024

The Directors anticipate that the application of all other new and amendments to IFRSs will have no material impact on the consolidated financial statements in the foreseeable future.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES

3.1. Basis of preparation of consolidated financial statements

The consolidated financial statements have been prepared in accordance with IFRSs issued by the IASB. For the purpose of preparation of the consolidated financial statements, information is considered material if such information is reasonably expected to influence decisions made by primary users. In addition, the consolidated financial statements include applicable disclosures required by the Rules Governing the Listing of Securities on the Stock Exchange and by the Hong Kong Companies Ordinance.

Going Concern Assessment

The Directors have given careful consideration to the going concern of the Group in light of the fact that as at 31 December 2022, the Group's current liabilities exceeded its current assets by RMB377,758,000. In addition, as at 31 December 2022, the Group had capital commitments contracted for but not provided in the consolidated financial statements amounting to RMB3,840,000 as disclosed in note 45.

As at 31 December 2022, the Group had available conditional banking facilities of RMB224,500,000 ("**Conditional Facilities**"). The utilisation of these Conditional Facilities are subject to approval on a case-by-case basis. The Directors are confident that the Group would be successful in obtaining approval in respect of these Conditional Facilities according to its historical successful experience and the relevant terms and conditions to drawdown. The Directors are also confident that the Group's bank borrowings can be successfully renewed upon maturity in view of the Group's historical successful experience in rolling over the borrowing upon expiration.

In light of the above, the management of the Group has prepared the cash flow forecast covering the period for the next twelve months for the purpose of going concern assessment. In the opinion of the Directors, together with the other financial resources available to the Group, including cash and cash equivalents on hand, the maturity profile and the successful rate applied in rolling over the bank borrowing, and the anticipated cash flow from the operations; the Group has sufficient working capital for its present requirements, that is for at least the next twelve months commencing from the end of the reporting period. Hence, the consolidated financial statements have been prepared on a going concern basis.

The consolidated financial statements have been prepared on the historical cost basis except for certain financial instruments that are measured at fair values at the end of each reporting period, as explained in the accounting policies set out below.

Historical cost is generally based on the fair value of the consideration given in exchange for goods and services.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.1. Basis of preparation of consolidated financial statements *(continued)*

Going Concern Assessment *(continued)*

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique. In estimating the fair value of an asset or a liability, the Group takes into account the characteristics of the asset or liability if market participants would take those characteristics into account when pricing the asset or liability at the measurement date. Fair value for measurement and/or disclosure purposes in these consolidated financial statements is determined on such a basis, except for share-based payment transactions that are within the scope of IFRS 2 *Share-based Payment*, leasing transactions that are accounted for in accordance with IFRS 16, and measurements that have some similarities to fair value but are not fair value, such as net realisable value in IAS 2 *Inventories* or value in use in IAS 36 *Impairment of Assets* ("**IAS 36**").

A fair value measurement of a non-financial asset takes into account a market participant's ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use.

For financial instruments which are transacted at fair value and a valuation technique that unobservable inputs is to be used to measure fair value in subsequent periods, the valuation technique is calibrated so that at initial recognition the results of the valuation technique equals the transaction price.

In addition, for financial reporting purposes, fair value measurements are categorised into Level 1, 2 or 3 based on the degree to which the inputs to the fair value measurements are observable and the significance of the inputs to the fair value measurement in its entirety, which are described as follows:

- Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date;
- Level 2 inputs are inputs, other than quoted prices included within Level 1, that are observable for the asset or liability, either directly or indirectly; and
- Level 3 inputs are unobservable inputs for the asset or liability.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies

Basis of consolidation

The consolidated financial statements incorporate the financial statements of the Company and entities controlled by the Company and its subsidiaries. Control is achieved when the Company:

- has power over the investee;
- is exposed, or has rights, to variable returns from its involvement with the investee; and
- has the ability to use its power to affect its returns.

The Group reassesses whether or not it controls an investee if facts and circumstances indicate that there are changes to one or more of the three elements of control listed above.

Consolidation of a subsidiary begins when the Group obtains control over the subsidiary and ceases when the Group loses control of the subsidiary. Specifically, income and expenses of a subsidiary acquired or disposed of during the year are included in the consolidated statement of profit or loss and other comprehensive income from the date the Group gains control until the date when the Group ceases to control the subsidiary.

Profit or loss and each item of other comprehensive income are attributed to the owners of the Company and to the non-controlling interests. Total comprehensive income of subsidiaries is attributed to the owners of the Company and to the non-controlling interests even if this results in the non-controlling interests having a deficit balance.

When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies into line with the Group's accounting policies.

All intragroup assets and liabilities, equity, income, expenses and cash flows relating to transactions between members of the Group are eliminated in full on consolidation.

Non-controlling interests in subsidiaries are presented separately from the Group's equity therein, which represent present ownership interests entitling their holders to a proportionate share of net assets of the relevant subsidiaries upon liquidation.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Basis of consolidation *(continued)*

Changes in the Group's interests in existing subsidiaries

Changes in the Group's interests in subsidiaries that do not result in the Group losing control over the subsidiaries are accounted for as equity transactions. The carrying amounts of the Group's relevant components of equity and the non-controlling interests are adjusted to reflect the changes in their relative interests in the subsidiaries, including re-attribution of relevant reserves between the Group and the non-controlling interests according to the Group's and the non-controlling interests' proportionate interests.

Any difference between the amount by which the non-controlling interests are adjusted, and the fair value of the consideration paid or received is recognised directly in equity and attributed to owners of the Company.

When the Group loses control of a subsidiary, the assets and liabilities of that subsidiary and non-controlling interests (if any) are derecognised. A gain or loss is recognised in profit or loss and is calculated as the difference between (i) the aggregate of the fair value of the consideration received and the fair value of any retained interest and (ii) the carrying amount of the assets (including goodwill), and liabilities of the subsidiary attributable to the owners of the Company. All amounts previously recognised in other comprehensive income in relation to that subsidiary are accounted for as if the Group had directly disposed of the related assets or liabilities of the subsidiary (i.e. reclassified to profit or loss or transferred to another category of equity as specified/permitted by applicable IFRSs). The fair value of any investment retained in the former subsidiary at the date when control is lost is regarded as the fair value on initial recognition for subsequent accounting under IFRS 9 *Financial Instruments* ("**IFRS 9**") or, when applicable, the cost on initial recognition of an investment in an associate or a joint venture.

Business combinations or asset acquisitions

Optional concentration test

The Group can elect to apply an optional concentration test, on a transaction- by-transaction basis, that permits a simplified assessment of whether an acquired set of activities and assets is not a business. The concentration test is met if substantially all of the fair value of the gross assets acquired is concentrated in a single identifiable asset or group of similar identifiable assets. The gross assets under assessment exclude cash and cash equivalents, deferred tax assets, and goodwill resulting from the effects of deferred tax liabilities. If the concentration test is met, the set of activities and assets is determined not to be a business and no further assessment is needed.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Business combinations or asset acquisitions *(continued)*

Asset acquisitions

When the Group acquires a group of assets and liabilities that do not constitute a business, the Group identifies and recognises the individual identifiable assets acquired and liabilities assumed by allocating the purchase price first to financial assets/financial liabilities at the respective fair values, the remaining balance of the purchase price is then allocated to the other identifiable assets and liabilities on the basis of their relative fair values at the date of purchase. Such a transaction does not give rise to goodwill or bargain purchase gain.

Business combinations

A business is an integrated set of activities and assets which includes an input and a substantive process that together significantly contribute to the ability to create outputs. The acquired processes are considered substantive if they are critical to the ability to continue producing outputs, including an organised workforce with the necessary skills, knowledge, or experience to perform the related processes or they significantly contribute to the ability to continue producing outputs and are considered unique or scarce or cannot be replaced without significant cost, effort, or delay in the ability to continue producing outputs.

Acquisitions of businesses, other than business combination under common control are accounted for using the acquisition method. The consideration transferred in a business combination is measured at fair value, which is calculated as the sum of the acquisition-date fair values of the assets transferred by the Group, liabilities incurred by the Group to the former owners of the acquiree and the equity interests issued by the Group in exchange for control of the acquiree. Acquisition-related costs are generally recognised in profit or loss as incurred.

For business combinations in which the acquisition date is on or after 1 January 2022, the identifiable assets acquired and liabilities assumed must meet the definitions of an asset and a liability in the *Conceptual Framework for Financial Reporting* issued by International Accounting Standards Board in March 2018 (the "**Conceptual Framework**") except for transactions and events within the scope of IAS 37 or IFRIC 21, in which the Group applies IAS 37 or IFRIC 21 instead of the Conceptual Framework to identify the liabilities it has assumed in a business combination. Contingent assets are not recognised.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Business combinations or asset acquisitions *(continued)*

Business combinations *(continued)*

At the acquisition date, the identifiable assets acquired and the liabilities assumed are recognised at their fair value, except that:

- deferred tax assets or liabilities, and assets or liabilities related to employee benefit arrangements are recognised and measured in accordance with IAS 12 *Income Taxes* and IAS 19 *Employee Benefits* respectively;

- liabilities or equity instruments related to share-based payment arrangements of the acquiree or share-based payment arrangements of the Group entered into to replace share-based payment arrangements of the acquiree are measured in accordance with IFRS 2 *Share-based Payment* at the acquisition date (see the accounting policy below);

- assets (or disposal groups) that are classified as held for sale in accordance with IFRS 5 *Non-current Assets Held for Sale and Discontinued Operations* are measured in accordance with that standard; and

- lease liabilities are recognised and measured at the present value of the remaining lease payments (as defined in IFRS 16) as if the acquired leases were new leases at the acquisition date, except for leases for which (a) the lease term ends within 12 months of the acquisition date; or (b) the underlying asset is of low value. Right-of-use assets are recognised and measured at the same amount as the relevant lease liabilities, adjusted to reflect favourable or unfavourable terms of the lease when compared with market terms.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Business combinations or asset acquisitions *(continued)*

Business combinations (continued)

Goodwill is measured at the excess of the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree, and the fair value of the acquirer's previously held equity interest in the acquiree (if any) over the net amount of the identifiable assets acquired and the liabilities assumed as at acquisition date. If, after re-assessment, the net amount of the identifiable assets acquired and liabilities assumed exceeds the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree and the fair value of the acquirer's previously held interest in the acquiree (if any), the excess is recognised immediately in profit or loss as a bargain purchase gain.

Non-controlling interests that are present ownership interests and entitle their holders to a proportionate share of the relevant subsidiary's net assets in the event of liquidation are initially measured at the non-controlling interests' proportionate share of the recognised amounts of the acquiree's identifiable net assets or at fair value.

When the consideration transferred by the Group in a business combination includes a contingent consideration arrangement, the contingent consideration is measured at its acquisition-date fair value and included as part of the consideration transferred in a business combination. Changes in the fair value of the contingent consideration that qualify as measurement period adjustments are adjusted retrospectively. Measurement period adjustments are adjustments that arise from additional information obtained during the "measurement period" (which cannot exceed one year from the acquisition date) about facts and circumstances that existed at the acquisition date.

The subsequent accounting for the contingent consideration that do not qualify as measurement period adjustments depends on how the contingent consideration is classified. Contingent consideration that is classified as equity is not remeasured at subsequent reporting dates and its subsequent settlement is accounted for within equity. Contingent consideration that is classified as an asset or a liability is remeasured to fair value at subsequent reporting dates, with the corresponding gain or loss being recognised in profit or loss.

When a business combination is achieved in stages, the Group's previously held equity interest in the acquiree is remeasured to fair value at the acquisition date (i.e. the date when the Group obtains control), and the resulting gain or loss, if any, is recognised in profit or loss or other comprehensive income, as appropriate. Amounts arising from interests in the acquiree prior to the acquisition date that have previously been recognised in other comprehensive income and measured under IFRS 9 would be accounted for on the same basis as would be required if the Group had disposed directly of the previously held equity interest.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Business combinations or asset acquisitions *(continued)*

Business combinations *(continued)*

If the initial accounting for a business combination is incomplete by the end of the reporting period in which the combination occurs, the Group reports provisional amounts for the items for which the accounting is incomplete. Those provisional amounts are adjusted retrospectively during the measurement period (see above), and additional assets or liabilities are recognised, to reflect new information obtained about facts and circumstances that existed at the acquisition date that, if known, would have affected the amounts recognised at that date.

Merger accounting for business combination involving businesses under common control

The consolidated financial statements incorporate the financial statements items of the combining businesses in which the common control combination occurs as if they had been combined from the date when the combining businesses first came under the control of the controlling party.

The net assets of the combining businesses are consolidated using the existing book values from the controlling party's perspective. No amount is recognised in respect of goodwill or bargain purchase gain at the time of common control combination.

The consolidated statement of profit or loss and other comprehensive income includes the results of each of the combining businesses from the earliest date presented or since the date when the combining businesses first came under the common control, where this is a shorter period.

The comparative amounts in the consolidated financial statements are presented as if the businesses had been combined at the beginning of the previous reporting period or when they first came under common control, whichever is shorter.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Goodwill

Goodwill arising on an acquisition of a business is carried at cost as established at the date of acquisition of the business (see the accounting policy above) less accumulated impairment losses, if any.

For the purposes of impairment testing, goodwill is allocated to each of the Group's cash-generating units (or group of cash-generating units) that is expected to benefit from the synergies of the combination, which represent the lowest level at which the goodwill is monitored for internal management purposes and not larger than an operating segment.

A cash-generating unit (or group of cash-generating units) to which goodwill has been allocated is tested for impairment annually or more frequently when there is indication that the unit may be impaired. For goodwill arising on an acquisition in a reporting period, the cash-generating unit (or group of cash-generating units) to which goodwill has been allocated is tested for impairment before the end of that reporting period. If the recoverable amount is less than its carrying amount, the impairment loss is allocated first to reduce the carrying amount of any goodwill and then to the other assets on a pro-rata basis based on the carrying amount of each asset in the unit (or group of cash-generating units).

On disposal of the relevant cash-generating unit or any of the cash-generating unit within the group of cash- generating units, the attributable amount of goodwill is included in the determination of the amount of profit or loss on disposal. When the Group disposes of an operation within the cash-generating unit (or a cash- generating unit within a group of cash-generating units), the amount of goodwill disposed of is measured on the basis of the relative values of the operation (or the cash-generating unit) disposed of and the portion of the cash-generating unit (or the group of cash-generating units) retained.

The Group's policy for goodwill arising on the acquisition of an associate is described below.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Investments in associates

An associate is an entity over which the Group has significant influence. Significant influence is the power to participate in the financial and operating policy decisions of the investee but is not control or joint control over those policies.

The results and assets and liabilities of associates are incorporated in these consolidated financial statements using the equity method of accounting. The financial statements of associates used for equity accounting purposes are prepared using uniform accounting policies as those of the Group for like transactions and events in similar circumstances. Under the equity method, an investment in an associate is initially recognised in the consolidated statement of financial position at cost and adjusted thereafter to recognise the Group's share of the profit or loss and other comprehensive income of the associate. When the Group's share of losses of an associate exceeds the Group's interest in that associate (which includes any long-term interests that, in substance, form part of the Group's net investment in the associate), the Group discontinues recognising its share of further losses. Additional losses are recognised only to the extent that the Group has incurred legal or constructive obligations or made payments on behalf of the associate.

An investment in an associate is accounted for using the equity method from the date on which the investee becomes an associate. On acquisition of the investment in an associate, any excess of the cost of the investment over the Group's share of the net fair value of the identifiable assets and liabilities of the investee is recognised as goodwill, which is included within the carrying amount of the investment. Any excess of the Group's share of the net fair value of the identifiable assets and liabilities over the cost of the investment, after reassessment, is recognised immediately in profit or loss in the period in which the investment is acquired.

The Group assesses whether there is an objective evidence that the interest in an associate may be impaired. When any objective evidence exists, the entire carrying amount of the investment (including goodwill) is tested for impairment in accordance with IAS 36 as a single asset by comparing its recoverable amount (higher of value in use and fair value less costs of disposal) with its carrying amount. Any impairment loss recognised is not allocated to any asset, including goodwill, that forms part of the carrying amount of the investment. Any reversal of that impairment loss is recognised in accordance with IAS 36 to the extent that the recoverable amount of the investment subsequently increases.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Investments in associates *(continued)*

When the Group ceases to have significant influence over an associate, it is accounted for as a disposal of the entire interest in the investee with a resulting gain or loss being recognised in profit or loss. When the Group retains an interest in the former associate and the retained interest is a financial asset within the scope of IFRS 9, the Group measures the retained interest at fair value at that date and the fair value is regarded as its fair value on initial recognition. The difference between the carrying amount of the associate and the fair value of any retained interest and any proceeds from disposing of the relevant interest in the associate is included in the determination of the gain or loss on disposal of the associate. In addition, the Group accounts for all amounts previously recognised in other comprehensive income in relation to that associate on the same basis as would be required if that associate had directly disposed of the related assets or liabilities. Therefore, if a gain or loss previously recognised in other comprehensive income by that associate would be reclassified to profit or loss on the disposal of the related assets or liabilities, the Group reclassifies the gain or loss from equity to profit or loss (as a reclassification adjustment) upon disposal/partial disposal of the relevant associate.

When a group entity transacts with an associate of the Group, profits and losses resulting from the transactions with the associate are recognised in the consolidated financial statements only to the extent of interests in the associate that are not related to the Group.

Acquisition of additional interests in associates

When the Group increases its ownership interest in an associate but the Group continues to use the equity method, goodwill is recognised at acquisition date if there is excess of the consideration paid over the share of carrying amount of net assets attributable to the additional interests in associates acquired. Any excess of share of carrying amount of net assets attributable to the additional interests in associates acquired over the consideration paid are recognised in the profit or loss in the period in which the additional interest are acquired.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Revenue from contracts with customers

The Group recognises revenue when (or as) a performance obligation is satisfied, i.e. when "control" of the goods underlying the particular performance obligation is transferred to the customer.

A performance obligation represents a good that is distinct or a series of distinct goods that are substantially the same.

Control is transferred over time and revenue is recognised over time by reference to the progress towards complete satisfaction of the relevant performance obligation if one of the following criteria is met:

- the customer simultaneously receives and consumes the benefits provided by the Group's performance as the Group performs;
- the Group's performance creates or enhances an asset that the customer controls as the Group performs; or
- the Group's performance does not create an asset with an alternative use to the Group and the Group has an enforceable right to payment for performance completed to date.

Otherwise, revenue is recognised at a point in time when the customer obtains control of the distinct good.

A contract liability represents the Group's obligation to transfer goods or services to a customer for which the Group has received consideration (or an amount of consideration is due) from the customer.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Revenue from contracts with customers *(continued)*

Principal versus agent

When another party is involved in providing goods or services to a customer, the Group determines whether the nature of its promise is a performance obligation to provide the specified goods or services itself (i.e. the Group is a principal) or to arrange for those goods or services to be provided by the other party (i.e. the Group is an agent).

The Group is a principal if it controls the specified good or service before that good or service is transferred to a customer.

The Group is an agent if its performance obligation is to arrange for the provision of the specified good or service by another party. In this case, the Group does not control the specified good or service provided by another party before that good or service is transferred to the customer. When the Group acts as an agent, it recognises revenue in the amount of any fee or commission to which it expects to be entitled in exchange for arranging for the specified goods or services to be provided by the other party.

Leases

Definition of a lease

A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

For contracts entered into or modified on or after the date of initial application of IFRS 16 or arising from business combinations, the Group assesses whether a contract is or contains a lease based on the definition under IFRS 16 at inception or modification date, as appropriate. Such contract will not be reassessed unless the terms and conditions of the contract are subsequently changed.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Leases *(continued)*

The Group as a lessee

Allocation of consideration to components of a contract
For a contract that contains a lease component and one or more additional lease or non-lease components, the Group allocates the consideration in the contract to each lease component on the basis of the relative stand-alone price of the lease component and the aggregate stand-alone price of the non-lease components.

Short-term leases and lease of low-value assets
The Group applies the short-term lease recognition exemption to leases of office rooms and machines that have a lease term of 12 months or less from the commencement date and do not contain a purchase option. It also applies the recognition exemption of lease of low-value assets. Lease payments on short-term leases and lease of low-value assets are recognised as expense on a straight-line basis or another systematic basis over the lease term.

Right-of-use assets
The cost of right-of-use assets includes:

- the amount of the initial measurement of the lease liability;
- any lease payments made at or before the commencement date, less any lease incentives received; and
- any initial direct costs incurred by the Group.

Right-of-use assets are measured at cost, less any accumulated depreciation and impairment losses, and adjusted for any remeasurement of lease liabilities.

Right-of-use assets are depreciated on a straight-line basis over the shorter of its estimated useful life and the lease term.

The Group presents right-of-use assets as a separate line item on the consolidated statement of financial position.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Leases *(continued)*

The Group as a lessee *(continued)*

Refundable rental deposits

Refundable rental deposits paid are accounted under IFRS 9 and initially measured at fair value. Adjustments to fair value at initial recognition are considered as additional lease payments and included in the cost of right-of-use assets.

Lease liabilities

At the commencement date of a lease, the Group recognises and measures the lease liability at the present value of lease payments that are unpaid at that date. In calculating the present value of lease payments, the Group uses the incremental borrowing rate at the lease commencement date if the interest rate implicit in the lease is not readily determinable.

The lease payments include fixed payments (including in-substance fixed payments).

After the commencement date, lease liabilities are adjusted by interest accretion and lease payments.

The Group remeasures lease liabilities (and makes a corresponding adjustment to the related right-of-use assets) whenever:

- the lease term has changed or there is a change in the assessment of exercise of a purchase option, in which case the related lease liability is remeasured by discounting the revised lease payments using a revised discount rate at the date of reassessment.

- the lease payments change due to changes in market rental rates following a market rent review/expected payment under a guaranteed residual value, in which cases the related lease liability is remeasured by discounting the revised lease payments using the initial discount rate.

The Group presents lease liabilities as a separate line item on the consolidated statement of financial position.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Leases *(continued)*

The Group as a lessee *(continued)*

Lease modifications

The Group accounts for a lease modification as a separate lease if:

- the modification increases the scope of the lease by adding the right to use one or more underlying assets; and

- the consideration for the leases increases by an amount commensurate with the stand-alone price for the increase in scope and any appropriate adjustments to that stand-alone price to reflect the circumstances of the particular contract.

For a lease modification that is not accounted for as a separate lease, the Group remeasures the lease liability based on the lease term of the modified lease by discounting the revised lease payments using a revised discount rate at the effective date of the modification.

The Group accounts for the remeasurement of lease liabilities by making corresponding adjustments to the relevant right-of-use asset. When the modified contract contains a lease component and one or more additional lease or non-lease components, the Group allocates the consideration in the modified contract to each lease component on the basis of the relative stand-alone price of the lease component and the aggregate stand-alone price of the non-lease components.

The Group as a lessor

Classification and measurement of leases

Leases for which the Group is a lessor are classified as finance or operating leases. Whenever the terms of the lease transfer substantially all the risks and rewards incidental to ownership of an underlying asset to the lessee, the contract is classified as a finance lease. All other leases are classified as operating leases.

Amounts due from lessees under finance leases are recognised as receivables at commencement date at amounts equal to net investments in the leases, measured using the interest rate implicit in the respective leases. Interest income is allocated to accounting periods so as to reflect a constant periodic rate of return on the Group's net investment outstanding in respect of the leases.

Rental income from operating leases is recognised in profit or loss on a straight-line basis over the term of the relevant lease. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset, and such costs are recognised as an expense on a straight-line basis over the lease term except for investment properties measured under fair value model.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Leases *(continued)*

The Group as a lessor *(continued)*

Refundable rental deposits

Refundable rental deposits received are accounted for under IFRS 9 and initially measured at fair value. Adjustments to fair value at initial recognition are considered as additional lease payments from lessees.

Foreign currencies

In preparing the financial statements of each individual group entity, transactions in currencies other than the functional currency of that entity (foreign currencies) are recognised at the rates of exchanges prevailing on the dates of the transactions. At the end of each reporting period, monetary items denominated in foreign currencies are retranslated at the rates prevailing at that date. Non-monetary items carried at fair value that are denominated in foreign currencies are retranslated at the rates prevailing on the date when the fair value was determined. When a fair value gain or loss on a non-monetary item is recognised in profit or loss, any exchange component of that gain or loss is also recognised in profit or loss. When a fair value gain or loss on a non-monetary item is recognised in other comprehensive income, any exchange component of that gain or loss is also recognised in other comprehensive income. Non-monetary items that are measured in terms of historical cost in a foreign currency are not retranslated.

Exchange differences arising on the settlement of monetary items, and on the retranslation of monetary items, are recognised in profit or loss in the period in which they arise, except for exchange differences on monetary items receivable from or payable to a foreign operation for which settlement is neither planned nor likely to occur (therefore forming part of the net investment in the foreign operation), which are recognised initially in other comprehensive income and reclassified from equity to profit or loss on disposal or partial disposal of the Group's interests in associates.

For the purposes of presenting consolidated financial statements, the assets and liabilities of the Group's operations are translated into the presentation currency of the Group (i.e. RMB) using exchange rates prevailing at the end of each reporting period. Income and expense items are translated at the average exchange rates for the period, unless exchange rates fluctuate significantly during that period, in which case the exchange rates at the dates of the transactions are used. Exchange differences arising, if any, are recognised in other comprehensive income and accumulated in equity under the heading of translation reserve (attributed to non-controlling interests as appropriate).

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Foreign currencies *(continued)*

On the disposal of a foreign operation (that is, a disposal of the Group's entire interest in a foreign operation, or a disposal involving loss of control over a subsidiary that includes a foreign operation), all of the exchange differences accumulated in equity in respect of that operation attributable to the owners of the Company are reclassified to profit or loss.

In addition, in relation to a partial disposal of a subsidiary that does not result in the Group losing control over the subsidiary, the proportionate share of accumulated exchange differences are re-attributed to non-controlling interests and are not recognised in profit or loss. Settlements of monetary items which formed part of net investment in foreign operations without changes in the Group's ownership interests is not considered as partial disposals.

Borrowing costs

Borrowing costs directly attributable to the construction of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets until such time as the assets are substantially ready for their intended use or sale.

Any specific borrowing that remain outstanding after the related asset is ready for its intended use or sale is included in the general borrowing pool for calculation of capitalisation rate on general borrowings. Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs eligible for capitalisation.

All borrowing costs are recognised in profit or loss in the period in which they are incurred.

Government grants

Government grants are not recognised until there is reasonable assurance that the Group will comply with the conditions attaching to them and that the grants will be received.

Government grants are recognised in profit or loss on a systematic basis over the periods in which the Group recognises as expenses the related costs for which the grants are intended to compensate. Specifically, government grants whose primary condition is that the Group should purchase, construct or otherwise acquire non-current assets are recognised as deferred income in the consolidated statement of financial position and transferred to profit or loss on a systematic and rational basis over the useful lives of the related assets.

Government grants related to income that are receivable as compensation for expenses or losses already incurred or for the purpose of giving immediate financial support to the Group with no future related costs are recognised in profit or loss in the period in which they become receivable. Such grants are presented under "other income".

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Employee benefits

Short-term employee benefits

Short-term employee benefits are recognised at the undiscounted amount of the benefits expected to be paid as and when employees rendered the services. All short-term employee benefits are recognised as an expense unless another IFRS requires or permits the inclusion of the benefit in the cost of an asset.

A liability is recognised for benefits accruing to employees (such as wages and salaries, annual leave and sick leave) after deducting any amount already paid.

Retirement benefit costs

Payments made to state-managed retirement benefit schemes are dealt with as payments to defined contribution plans where the Group's obligations under the schemes are equivalent to those arising in a defined contribution retirement benefit plan.

The Company does not operate any defined contribution schemes, and as such, there is no forfeited contributions, nor does the Company employ any actuary for defined benefit plans.

Share-based payments

Equity-settled share-based payment transactions

Share options granted to employees
Equity-settled share-based payments to employees and others providing similar services are measured at the fair value of the equity instruments at the grant date.

The fair value of the equity-settled share-based payments determined at the grant date without taking into consideration all non-market vesting conditions is expensed on a straight-line basis over the vesting period, based on the Group's estimate of equity instruments that will eventually vest, with a corresponding increase in equity (share-based payments reserve). At the end of each reporting period, the Group revises its estimate of the number of equity instruments expected to vest based on assessment of all relevant non-market vesting conditions. The impact of the revision of the original estimates, if any, is recognised in profit or loss such that the cumulative expense reflects the revised estimate, with a corresponding adjustment to the share-based payments reserve.

When share options are exercised, the amount previously recognised in share-based payments reserve will be transferred to retained earnings. When the share options are forfeited after the vesting date or are still not exercised at the expiry date, the amount previously recognised in share-based payments reserve will be transferred to retained earnings.

When shares granted are vested, the amount previously recognised in share-based payments reserve will be transferred to other reserve.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Taxation

Income tax expense represents the sum of the tax currently payable and deferred tax.

The tax currently payable is based on taxable profit for the year. Taxable profit differs from profit before tax because of income or expense that are taxable or deductible in other years and items that are never taxable or deductible. The Group's liability for current tax is calculated using tax rates that have been enacted or substantively enacted by the end of the reporting period.

Deferred tax is recognised on temporary differences between the carrying amounts of assets and liabilities in the consolidated financial statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax liabilities are generally recognised for all taxable temporary differences. Deferred tax assets are generally recognised for all deductible temporary differences to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilised. Such deferred tax assets and liabilities are not recognised if the temporary difference arises from the initial recognition (other than in a business combination) of assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit. In addition, deferred tax liabilities are not recognised if the temporary difference arises from the initial recognition of goodwill.

Deferred tax liabilities are recognised for taxable temporary differences associated with investments in subsidiaries, except where the Group is able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred tax assets arising from deductible temporary differences associated with such investments are only recognised to the extent that it is probable that there will be sufficient taxable profits against which to utilise the benefits of the temporary differences and they are expected to reverse in the foreseeable future.

The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset is realised, based on tax rate (and tax laws) that have been enacted or substantively enacted by the end of the reporting period.

The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Group expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

For the purposes of measuring deferred tax for leasing transactions in which the Group recognises the right-of-use assets and the related lease liabilities, the Group first determines whether the tax deductions are attributable to the right-of-use assets or the lease liabilities.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Taxation *(continued)*

For leasing transactions in which the tax deductions are attributable to the lease liabilities, the Group applies IAS 12 *Income Taxes* requirements to the leasing transaction as a whole. Temporary differences relating to right-of-use assets and lease liabilities are assessed on a net basis. Excess of depreciation on right-of-use assets over the lease payments for the principal portion of lease liabilities resulting in net deductible temporary differences.

Deferred tax assets and liabilities are offset when there is a legally enforceable right to set off current tax assets against current tax liabilities and when they relate to income taxes levied to the same taxable entity by the same taxation authority.

Current and deferred tax are recognised in profit or loss, except when they relate to items that are recognised in other comprehensive income or directly in equity, in which case, the current and deferred tax are also recognised in other comprehensive income or directly in equity respectively. Where current tax or deferred tax arises from the initial accounting for a business combination, the tax effect is included in the accounting for the business combination.

Property, plant and equipment

Property, plant and equipment including tangible assets held for use in the production or supply of good, or for administrative purpose (other than construction in progress). Property, plant and equipment are stated in the consolidated statement of financial position at cost less subsequent accumulated depreciation and subsequent accumulated impairment losses, if any.

Properties in the course of construction for production, supply or administrative purposes are carried at cost, less any recognised impairment loss. Costs include any costs directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management, including costs of testing whether the related assets is functioning properly and, for qualifying assets, borrowing costs capitalised in accordance with the Group's accounting policy. Depreciation of these assets, on the same basis as other property assets, commences when the assets are ready for their intended use.

Depreciation is recognised so as to write off the cost of assets other than construction in progress less their residual values over their estimated useful lives, using the straight-line method. The estimated useful lives, residual values and depreciation method are reviewed at the end of each reporting period, with the effect of any changes in estimate accounted for on a prospective basis.

An item of property, plant and equipment is derecognised upon disposal or when no future economic benefits are expected to arise from the continued use of the asset. Any gain or loss arising on the disposal or retirement of an item of property, plant and equipment is determined as the difference between the sales proceeds and the carrying amount of the asset and is recognised in profit or loss.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Intangible assets

Intangible assets acquired separately

Intangible assets with finite useful lives that are acquired separately are carried at cost less accumulated amortisation and any accumulated impairment losses. Amortisation for intangible assets with finite useful lives is recognised on a straight-line basis over their estimated useful lives, or recognised using the units of production method. The estimated useful life and amortisation method are reviewed at the end of each reporting period, with the effect of any changes in estimate being accounted for on a prospective basis.

Internally-generated intangible assets – research and development expenditure

Expenditure on research activities is recognised as an expense in the period in which it is incurred.

An internally-generated intangible asset arising from development activities (or from the development phase of an internal project) is recognised if, and only if, all of the following have been demonstrated:

- the technical feasibility of completing the intangible asset so that it will be available for use or sale;
- the intention to complete the intangible asset and use or sell it;
- the ability to use or sell the intangible asset;
- how the intangible asset will generate probable future economic benefits;
- the availability of adequate technical, financial and other resources to complete the development and to use or sell the intangible asset; and
- the ability to measure reliably the expenditure attributable to the intangible asset during its development.

The amount initially recognised for internally-generated intangible asset is the sum of the expenditure incurred from the date when the intangible asset first meets the recognition criteria listed above. Where no internally-generated intangible asset can be recognised, development expenditure is recognised in profit or loss in the period in which it is incurred.

Subsequent to initial recognition, internally-generated intangible assets are reported at cost less accumulated amortisation and accumulated impairment losses (if any), on the same basis as intangible assets that are acquired separately.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Intangible assets *(continued)*

Internally-generated intangible assets – exploration and evaluation assets

Exploration and evaluation costs incurred where such expenditure is considered likely to be recoverable through future extraction activity or sale, or where the exploration activities have not reached a stage which permits a reasonable assessment of the existence of reserves, is capitalised and recorded on the consolidated statement of financial position as intangible assets within the category of exploration and evaluation assets at the exploration stage.

Exploration and evaluation assets comprise costs directly attributable to:

- Research and analysing existing exploration data;
- Conducting geological studies, exploratory drilling and sampling;
- Examining and testing extraction and treatment methods;
- Compiling pre-feasibility and feasibility studies;

Exploration and evaluation assets are stated at cost less any impairment losses. Exploration and evaluation costs include expenditure incurred to secure further mineralisation in existing ore bodies. Exploration and evaluation rights will be transferred to mining rights once the mining rights certificates obtained. The carrying amount of exploration and evaluation rights is assessed for impairment when facts or circumstances suggest the carrying amount of the asset may exceed its recoverable amount.

Mining rights

Mining rights are stated at cost less amortisation and any recognised impairment loss. The mining rights are amortised over the shorter of the unexpired period of the rights on the straight-line basis or the estimated useful lives of the mines, in accordance with the production plans of the entities concerned and the proved and probable reserves of the mines using the units of production method.

An intangible asset is derecognised on disposal, or when no future economic benefits are expected from use or disposal. Gains or losses arising from derecognition of an intangible asset, measured at the difference between the net disposal proceeds and the carrying amount of the asset, are recognised in profit or loss in the period when the asset is derecognised.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Impairment on property, plant and equipment, right-of-use assets and intangible assets other than goodwill

At the end of the reporting period, the Group reviews the carrying amounts of its property, plant and equipment, right-of-use assets and intangible assets with finite useful lives to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the relevant asset is estimated in order to determine the extent of the impairment loss (if any).

The recoverable amount of property, plant and equipment, right-of-use assets and intangible assets are estimated individually. When it is not possible to estimate the recoverable amount of an asset individually, the Group estimates the recoverable amount of the cash-generating unit to which the asset belongs.

In testing a cash-generating unit for impairment, corporate assets are allocated to the relevant cash-generating unit when a reasonable and consistent basis of allocation can be established, or otherwise they are allocated to the smallest group of cash generating units for which a reasonable and consistent allocation basis can be established. The recoverable amount is determined for the cash-generating unit or group of cash-generating units to which the corporate asset belongs, and is compared with the carrying amount of the relevant cash- generating unit or group of cash-generating units.

Recoverable amount is the higher of fair value less costs of disposal and value in use. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset (or a cash-generating unit) for which the estimates of future cash flows have not been adjusted.

If the recoverable amount of an asset (or a cash-generating unit) is estimated to be less than its carrying amount, the carrying amount of the asset (or a cash-generating unit) is reduced to its recoverable amount. For corporate assets or portion of corporate assets which cannot be allocated on a reasonable and consistent basis to a cash-generating unit, the Group compares the carrying amount of a group of cash-generating units, including the carrying amounts of the corporate assets or portion of corporate assets allocated to that group of cash-generating units, with the recoverable amount of the group of cash-generating units. In allocating the impairment loss, the impairment loss is allocated first to reduce the carrying amount of any goodwill (if applicable) and then to the other assets on a pro-rata basis based on the carrying amount of each asset in the unit or the group of cash-generating units.. The carrying amount of an asset is not reduced below the highest of its fair value less costs of disposal (if measurable), its value in use (if determinable) and zero. The amount of the impairment loss that would otherwise have been allocated to the asset is allocated pro rata to the other assets of the unit or the group of cash-generating units. An impairment loss is recognised immediately in profit or loss.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Impairment on property, plant and equipment, right-of-use assets and intangible assets other than goodwill *(continued)*

Where an impairment loss subsequently reverses, the carrying amount of the asset (or cash-generating unit or a group of cash-generating units) is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognised for the asset (or a cash generating unit or a group of cash-generating units) in prior years. A reversal of an impairment loss is recognised immediately in profit or loss.

Cash and cash equivalents

Cash and cash equivalents presented on the consolidated statement of financial position include:

(a) cash, which comprises of cash on hand and demand deposits, excluding bank balances that are subject to regulatory restrictions that result in such balances no longer meeting the definition of cash; and

(b) cash equivalents, which comprises of short-term (generally with original maturity of three months or less), highly liquid investments that are readily convertible to a known amount of cash and which are subject to an insignificant risk of changes in value. Cash equivalents are held for the purpose of meeting short-term cash commitments rather than for investment or other purposes.

For the purposes of the consolidated statement of cash flows, cash and cash equivalents consist of cash and cash equivalents as defined above, net of outstanding bank overdrafts which are repayable on demand and form an integral part of the Group's cash management. Such overdrafts are presented as short-term borrowings in the consolidated statement of financial position.

Inventories

Inventories are stated at the lower of cost and net realisable value. Costs of inventories are determined on a weighted average method. Net realisable value represents the estimated selling price for inventories less all estimated costs of completion and costs necessary to make the sale. Costs necessary to make the sale include incremental costs directly attributable to the sale and non-incremental costs which the Group must incur to make the sale.

Provisions

Provisions are recognised when the Group has a present obligation (legal or constructive) as a result of a past event, it is probable that the Group will be required to settle that obligation, and a reliable estimate can be made of the amount of the obligation.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Provisions *(continued)*

The amount recognised as a provision is the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation. When a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows (where the effect of the time value of money is material).

Closure and rehabilitation

The mining extraction and processing activities of the Group normally give rise to obligations for site closure or rehabilitation. Closure and rehabilitation works can include facility decommissioning and dismantling; removal or treatment of waste materials and restoration; site and land rehabilitation. The extent of work required and the associated costs are dependent on the requirements of relevant authorities and the Group's environmental policies.

Provisions for the cost of each closure and rehabilitation program are recognised at the time that environmental disturbance occurs. When the extent of disturbance increases over the life of an operation, the provision is increased accordingly. Costs included in the provision encompass all closure and rehabilitation activity expected to occur progressively over the life of the operation and at the time of closure in connection with disturbances at the reporting date. Routine operating costs that may impact the ultimate closure and rehabilitation activities, such as waste material handling conducted as an integral part of a mining or production process, are not included in the provision. Costs arising from unforeseen circumstances, such as the contamination caused by unplanned discharges, are recognised as an expense and liability when the event gives rise to an obligation which is probable and capable of reliable estimation.

The timing of the actual closure and rehabilitation expenditure is dependent upon a number of factors such as the life and nature of the asset, the operating licence conditions, the principles of the Group's charter and the environment in which the mine operates. Expenditure may occur before and after closure and can continue for an extended period of time dependent on closure and rehabilitation requirements.

Closure and rehabilitation provisions are based on estimates of required expenditure at the mines in accordance with the relevant rules and regulations where the mines of the Group located. The Group estimates its liabilities for final reclamation and mine closure based upon detailed calculations of the amount and timing of the future cash expenditure to perform the required work, the amount of provision reflects the present value of the expenditures expected to be required to settle the obligation. When provisions for closure and rehabilitation are initially recognised, the corresponding cost is capitalised as an asset, representing part of the cost of acquiring the future economic benefits of the operation. The capitalised cost of closure and rehabilitation activities is recognised in mining related assets as included in property, plant and equipment and depreciated accordingly. The value of the provision is progressively increased over time as the effect of discounting unwinds, creating an expense recognised in finance costs.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Financial instruments

Financial assets and financial liabilities are recognised when a group entity becomes a party to the contractual provisions of the instrument. All regular way purchases or sales of financial assets are recognised and derecognised on a trade date basis. Regular way purchases or sales are purchases or sales of financial assets that require delivery of assets within the time frame established by regulation or convention in the marketplace.

Financial assets and financial liabilities are initially measured at fair value except for trade receivables arising from contracts with customers which are initially measured in accordance with IFRS 15 *Revenue from Contracts with Customers*. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets at FVTPL) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at FVTPL are recognised immediately in profit or loss.

The effective interest method is a method of calculating the amortised cost of a financial asset or financial liability and of allocating interest income and interest expense over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash receipts and payments (including all fees and points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) through the expected life of the financial asset or financial liability, or, where appropriate, a shorter period, to the net carrying amount on initial recognition.

Financial assets

Classification and subsequent measurement of financial assets
Financial assets that meet the following conditions are subsequently measured at amortised cost:

- the financial asset is held within a business model whose objective is collect contractual cash flows; and

- the contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Financial instruments *(continued)*

Financial assets *(continued)*

Classification and subsequent measurement of financial assets *(continued)*
Financial assets that meet the following conditions are subsequently measured at FVTOCI:

- the financial asset is held within a business model whose objective is achieved by both selling and collecting contractual cash flows; and

- the contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

All other financial assets are subsequently measured at FVTPL.

A financial asset is held for trading if:

- it has been acquired principally for the purpose of selling in the near term; or

- on initial recognition it is a part of a portfolio of identified financial instruments that the Group manages together and has a recent actual pattern of short-term profit-taking; or

- it is a derivative that is not designated and effective as a hedging instrument.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Financial instruments *(continued)*

Financial assets *(continued)*

Classification and subsequent measurement of financial assets *(continued)*

(i) Amortised cost and interest income

Interest income is recognised using the effective interest method for financial assets measured subsequently at amortised cost and receivables at FVTOCI. Interest income is calculated by applying the effective interest rate to the gross carrying amount of a financial asset, except for financial assets that have subsequently become credit-impaired (see below). For financial assets that have subsequently become credit-impaired, interest income is recognised by applying the effective interest rate to the amortised cost of the financial asset from the next reporting period. If the credit risk on the credit -impaired financial instrument improves so that the financial asset is no longer credit-impaired, interest income is recognised by applying the effective interest rate to the gross carrying amount of the financial asset from the beginning of the reporting period following the determination that the asset is no longer credit-impaired.

(ii) Receivables classified as at FVTOCI

Subsequent changes in the carrying amounts for receivables classified as at FVTOCI as a result of interest income calculated using the effective interest method are recognised in profit or loss. All other changes in the carrying amount of these receivables are recognised in other comprehensive income and accumulated under the heading of FVTOCI reserve. Impairment allowance are recognised in profit or loss with corresponding adjustment to other comprehensive income without reducing the carrying amounts of these receivables. When these receivables are derecognised, the cumulative gains or losses previously recognised in other comprehensive income are reclassified to profit or loss.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Financial instruments *(continued)*

Financial assets *(continued)*

Classification and subsequent measurement of financial assets *(continued)*

(iii) Financial assets at FVTPL

Financial assets that do not meet the criteria for being measured at amortised cost or FVTOCI or designated as FVTOCI are measured at FVTPL.

Financial assets at FVTPL are measured at fair value at the end of each reporting period, with any fair value gains or losses recognised in profit or loss. The net gain or loss recognised in profit or loss includes any dividend or interest earned on the financial asset and is included in the "other gains and losses" line item.

Impairment of financial assets and other item subject to impairment assessment under IFRS 9
The Group performs impairment assessment under ECL model on financial assets (including trade and other receivables, receivables at FVTOCI, pledged bank deposits, restricted deposits and bank balances), and other item (financial guarantee contracts) which are subject to impairment assessment under IFRS 9. The amount of ECL is updated at each reporting date to reflect changes in credit risk since initial recognition.

Lifetime ECL represents the ECL that will result from all possible default events over the expected life of the relevant instrument. In contrast, 12-month ECL ("**12m ECL**") represents the portion of lifetime ECL that is expected to result from default events that are possible within 12 months after the reporting date. Assessments are done based on the Group's historical credit loss experience, adjusted for factors that are specific to the debtors, general economic conditions and an assessment of both the current conditions at the reporting date as well as the forecast of future conditions.

The Group always recognises lifetime ECL for trade receivables. The ECL on these trade receivables are all assessed individually.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Financial instruments *(continued)*

Financial assets *(continued)*

Impairment of financial assets and other item subject to impairment assessment under IFRS 9 *(continued)*

For all other instruments, the Group measures the loss allowance equal to 12m ECL, unless when there has been a significant increase in credit risk since initial recognition, in which case the Group recognises lifetime ECL. The assessment of whether lifetime ECL should be recognised is based on significant increases in the likelihood or risk of a default occurring since initial recognition.

(i) Significant increase in credit risk

In assessing whether the credit risk has increased significantly since initial recognition, the Group compares the risk of a default occurring on the financial instrument as at the reporting date with the risk of a default occurring on the financial instrument as at the date of initial recognition. In making this assessment, the Group considers both quantitative and qualitative information that is reasonable and supportable, including historical experience and forward-looking information that is available without undue cost or effort.

In particular, the following information is taken into account when assessing whether credit risk has increased significantly:

- an actual or expected significant deterioration in the financial instrument's external (if available) or internal credit rating;

- significant deterioration in external market indicators of credit risk, e.g. a significant increase in the credit spread, the credit default swap prices for the debtor;

- existing or forecast adverse changes in business, financial or economic conditions that are expected to cause a significant decrease in the debtor's ability to meet its debt obligations;

- an actual or expected significant deterioration in the operating results of the debtor;

- an actual or expected significant adverse change in the regulatory, economic, or technological environment of the debtor that results in a significant decrease in the debtor's ability to meet its debt obligations.

Irrespective of the outcome of the above assessment, the Group presumes that the credit risk has increased significantly since initial recognition when contractual payments are more than 30 days past due, unless the Group has reasonable and supportable information that demonstrates otherwise.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Financial instruments *(continued)*

Financial assets (continued)

Impairment of financial assets and other item subject to impairment assessment under IFRS 9 *(continued)*

(i) Significant increase in credit risk *(continued)*

Despite the aforegoing, the Group assumes that the credit risk on a debt instrument has not increased significantly since initial recognition if the debt instrument is determined to have low credit risk at the reporting date. A debt instrument is determined to have low credit risk if (i) it has a low risk of default, (ii) the borrower has a strong capacity to meet its contractual cash flow obligations in the near term and (iii) adverse changes in economic and business conditions in the longer term may, but will not necessarily, reduce the ability of the borrower to fulfil its contractual cash flow obligations.

For financial guarantee contracts, the date that the Group becomes a party to the irrevocable commitment is considered to be the date of initial recognition for the purposes of assessing impairment. In assessing whether there has been a significant increase in the credit risk since initial recognition of a loan commitment, the Group considers changes in the risk of a default occurring on the loan to which a loan commitment relates; for financial guarantee contracts, the Group considers the changes in the risk that the specified debtor will default on the contract.

The Group regularly monitors the effectiveness of the criteria used to identify whether there has been a significant increase in credit risk and revises them as appropriate to ensure that the criteria are capable of identifying significant increase in credit risk before the amount becomes past due.

(ii) Definition of default

The Group considers the following as constituting an event of default for internal credit risk management purposes as historical experience indicates that receivables that meet either of the following criteria are generally not recoverable.

- when there is a breach of financial covenants by the counterparty; or
- information developed internally or obtained from external sources indicates that the debtor is unlikely to pay its creditors, including the Group, in full (without taking into account any collaterals held by the Group).

Irrespective of the above analysis, the Group considers that default has occurred when a financial asset is more than 90 days past due unless the Group has reasonable and supportable information to demonstrate that a more lagging default criterion is more appropriate.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Financial instruments *(continued)*

Financial assets *(continued)*

Impairment of financial assets and other item subject to impairment assessment under IFRS 9 *(continued)*

(iii) Credit-impaired financial assets

A financial asset is credit-impaired when one or more events that have a detrimental impact on the estimated future cash flows of that financial asset have occurred. Evidence that a financial asset is credit-impaired includes observable data about the following events:

(a) significant financial difficulty of the issuer or the borrower;

(b) a breach of contract, such as a default or past due event;

(c) the lender(s) of the borrower, for economic or contractual reasons relating to the borrower's financial difficulty, having granted to the borrower a concession(s) that the lender(s) would not otherwise consider; or

(d) it is becoming probable that the borrower will enter bankruptcy or other financial reorganisation

(iv) Write-off policy

The Group writes off a financial asset when there is information indicating that the counterparty is in severe financial difficulty and there is no realistic prospect of recovery, for example, when the counterparty has been placed under liquidation or has entered into bankruptcy proceedings, or in the case of trade receivables, when the amounts are over two years past due, whichever occurs sooner. Financial assets written off may still be subject to enforcement activities under the Group's recovery procedures, taking into account legal advice where appropriate. A write-off constitutes a derecognition event. Any subsequent recoveries are recognised in profit or loss.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Financial instruments *(continued)*

Financial assets *(continued)*

Impairment of financial assets and other item subject to impairment assessment under IFRS 9 *(continued)*

(v) Measurement and recognition of ECL

The measurement of ECL is a function of the probabilities of default ("**PD**"), loss given default (i.e. the magnitude of the loss if there is a default) and the exposure at default. The assessment of the PD and loss given default is based on historical data and forward-looking information. Estimation of ECL reflects an unbiased and probability-weighted amount that is determined with the respective risks of default occurring as the weights.

Generally, the ECL is the difference between all contractual cash flows that are due to the Group in accordance with the contract and all the cash flows that the Group expects to receive, discounted at the effective interest rate determined at initial recognition.

For a financial guarantee contract, the Group is required to make payments only in the event of a default by the debtor in accordance with the terms of the instrument that is guaranteed. Accordingly, the ECL is the present value of the expected payments to reimburse the holder for a credit loss that it incurs less any amounts that the Group expects to receive from the holder, the debtor or any other party.

For ECL on financial guarantee contracts for which the effective interest rate cannot be determined, the Group will apply a discount rate that reflects the current market assessment of the time value of money and the risks that are specific to the cash flows but only if, and to the extent that, the risks are taken into account by adjusting the discount rate instead of adjusting the cash shortfalls being discounted.

The ECL for trade and other receivables are assessed individually.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Financial instruments *(continued)*

Financial assets *(continued)*

Impairment of financial assets and other item subject to impairment assessment under IFRS 9 *(continued)*

(v) Measurement and recognition of ECL *(continued)*

Interest income is calculated based on the gross carrying amount of the financial asset unless the financial asset is credit impaired, in which case interest income is calculated based on amortised cost of the financial asset.

For financial guarantee contracts, the loss allowances are recognised at the higher of the amount of the loss allowance determined in accordance with IFRS 9; and the amount initially recognised less, where appropriate, cumulative amount of income recognised over the guarantee period.

Except for financial guarantee contracts and receivables that are measured at FVTOCI, the Group recognises an impairment gain or loss in profit or loss for all financial instruments by adjusting their carrying amount, with the exception of trade and other receivables where the corresponding adjustment is recognised through a loss allowance account. For receivables that are measured at FVTOCI, the loss allowance is recognised in other comprehensive income and accumulated in the FVTOCI reserve without reducing the carrying amounts of these receivables. Such amount represents the changes in the FVTOCI reserve in relation to accumulated loss allowance.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Financial instruments *(continued)*

Financial assets (continued)

Derecognition of financial assets

The Group derecognises a financial asset only when the contractual rights to the cash flows from the asset expire, or when it transfers the financial asset and substantially all the risks and rewards of ownership of the asset to another entity. If the Group neither transfers nor retains substantially all the risks and rewards of ownership and continues to control the transferred asset, the Group recognises its retained interest in the asset and an associated liability for amounts it may have to pay. If the Group retains substantially all the risks and rewards of ownership of a transferred financial asset, the Group continues to recognise the financial asset and also recognises a collateralised borrowing for the proceeds received.

On derecognition of a financial asset measured at amortised cost, the difference between the asset's carrying amount and the sum of the consideration received and receivable is recognised in profit or loss.

On derecognition of receivables at FVTOCI, the cumulative gain or loss previously accumulated in the FVTOCI reserve is reclassified to profit or loss.

Financial liabilities and equity

Classification as debt or equity

Debt and equity instruments are classified as either financial liabilities or as equity in accordance with the substance of the contractual arrangements and the definitions of a financial liability and an equity instrument.

3. BASIS OF PREPARATION OF CONSOLIDATED FINANCIAL STATEMENTS AND SIGNIFICANT ACCOUNTING POLICIES *(CONTINUED)*

3.2. Significant accounting policies *(continued)*

Financial liabilities and equity *(continued)*

Equity instruments

An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities. Equity instruments issued by the Company are recognised at the proceeds received, net of direct issue costs.

Repurchase of the Company's own equity instruments is recognised and deducted directly in equity. No gain or loss is recognised in profit or loss on the purchase, sale, issue or cancellation of the Company's own equity instruments.

Financial liabilities

Financial liabilities at amortised cost

Financial liabilities including trade and other payables, bills payables, borrowings, amount due to a related party, lease liabilities and other long-term liabilities are subsequently measured at amortised cost, using the effective interest method.

Financial guarantee contracts

A financial guarantee contract is a contract that requires the issuer to make specified payments to reimburse the holder for a loss it incurs because a specified debtor fails to make payments when due in accordance with the terms of a debt instrument. Financial guarantee contract liabilities are measured initially at their fair values. It is subsequently measured at the higher of:

- the amount of the loss allowance determined in accordance with IFRS 9; and

- the amount initially recognised less, where appropriate, cumulative amortisation recognised over the guarantee period.

Derecognition of financial liabilities

The Group derecognises financial liabilities when, and only when, the Group's obligations are discharged, cancelled or have expired. The difference between the carrying amount of the financial liability derecognised and the consideration paid and payable is recognised in profit or loss.

Offsetting a financial asset and a financial liability

A financial asset and a financial liability are offset and the net amount presented in the consolidated statement of financial position when, and only when, the Group currently has a legally enforceable right to set off the recognised amounts; and intends either to settle on a net basis, or to realise the asset and settle the liability simultaneously.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

4. CRITICAL ACCOUNTING JUDGEMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY

In the application of the Group's accounting policies, which are described in note 3, the Directors are required to make judgements, estimates and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and underlying assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an on-going basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised if the revision affects only that period, or in the period of the revision and future periods if the revision affects both current and future periods.

Critical judgements in applying accounting policies

The following are the critical judgements, apart from those involving estimations (see below), that the Directors have made in the process of applying the Group's accounting policies and that have the most significant effect on the amounts recognised in the consolidated financial statements.

Judgement in determining the classification of bills receivables

As part of the Group's cash flow management, substantial part of the bills are discounted to financial institutions or endorsed to suppliers before the bills are due for settlement. The management of the Group considered that the Group's business model over bills receivables is held to both collect contractual cash flows and to have them sold. Therefore, the management of the Group has satisfied that bills receivables are classified as receivables at FVTOCI.

Key sources of estimation uncertainty

The following are the key assumptions concerning the future, and other key sources of estimation uncertainty at the end of the reporting period that may have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year.

4. CRITICAL ACCOUNTING JUDGEMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY *(CONTINUED)*

Key sources of estimation uncertainty *(continued)*

Estimated useful lives of property, plant and equipment and intangible assets

The Group determines the estimated useful lives and related depreciation/amortisation charges for its property, plant and equipment and intangible assets. This estimate is based on the historical experience of the actual useful lives of property, plant and equipment and intangible assets of similar nature, taking into consideration of the production plan and the estimated reserves of the mines (included in intangible assets) using the unit-of-production method. The Group will increase the depreciation/amortization charge where useful lives are less than previously estimated lives, or will write off/write down those assets which are technically obsolete or abandoned.

Reserve estimates

Proved and probable reserve estimates are estimates of the quantity of iron ore that can be economically and legally extracted from the Group's mining properties, determined according to independent technical review reports with the consideration of recent production and technical information of each mine. Fluctuations in factors including the price of iron ore, production costs and transportation costs of iron ore, a variation on recovery rates or unforeseen geological or geotechnical perils may render the management to change the production plan, resulting in a revision on the estimates of iron ore reserves.

Because the economic assumptions used to estimate reserves change from period to period, and because additional geological data is generated during the course of operations, estimates of reserves may change from period to period.

Changes in reported reserves may affect the Group's financial results and financial position in a number of ways, including the following:

- Asset carrying values may be affected due to changes in estimated future cash flows.
- Depreciation and amortisation charged to profit or loss may change where such charges are determined by the unit-of-production basis, or where the useful economic lives of assets change.
- The carrying value of deferred tax assets may change due to changes in estimates of the likely recovery of the tax benefits.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

4. CRITICAL ACCOUNTING JUDGEMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY *(CONTINUED)*

Key sources of estimation uncertainty *(continued)*

Estimated impairment of long-lived assets (property, plant and equipment, intangible assets and right-of-use assets)

Assets such as property, plant and equipment, intangible assets and right-of-use assets are reviewed at the end of each reporting period to determine whether the carrying amount exceeds the recoverable amount of the assets. If any such indication exists, an impairment loss is recognised.

The recoverable amount of an asset is the higher of its fair value less costs of disposal and value in use calculated based on its present value of expected future cash flows. In assessing value in use, it involves managements' significant judgments and assumptions on selling price, revenue growth rate, production volume, long term growth rate and discount rate when preparing the cash flow forecast to calculate the present value. Where the actual future cash flows are less than expected, or change in facts and circumstances which results in downward revision of future cash flow, additional impairment loss may arise. On the contrary, a reversal of impairment loss may become necessary.

As at 31 December 2022, the carrying amount of long-lived assets is RMB1,438,531,000 (net of accumulated impairment losses of RMB130,684,000 (2021: RMB1,492,100,000 (net of accumulated impairment loss of RMB111,862,000)).

Closure and rehabilitation provision

Closure and rehabilitation provision as set out in note 37 has been determined by the Directors based on current regulatory requirements and their best estimates. The management of the Group estimate this liability for final reclamation and mine closure is based on detailed calculation of the amounts and timing of future cash flows that required to perform the required work. The provision reflects the present value of the expenditures expected to be required to settle the obligation. However, as the impact on the land and environment resulting from mining activities will become apparent only in future periods, the estimate of the associated costs may be subject to change in the future. The provision is reviewed regularly to properly reflect the present value of the obligation arising from the current and past mining activities. As at 31 December 2022, the carrying amount of closure and rehabilitation provision was RMB42,880,000 (2021: RMB44,346,000).

4. CRITICAL ACCOUNTING JUDGEMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY *(CONTINUED)*

Key sources of estimation uncertainty *(continued)*

Estimated impairment of financial assets

The Group reviews its financial assets to assess impairment on a regular basis. The methodologies and assumptions used for estimating the impairment are reviewed regularly to reduce any differences between loss estimates and actual loss experience.

The Directors estimate the amount of loss allowance for ECL on financial assets (including trade and other receivables, receivables at FVTOCI, restricted deposits, pledged bank deposits and bank balances), based on the credit risk of these assets. The estimation of the credit risk of these assets involves high degree of estimation and uncertainty. When the actual future cash flows are less than expected or more than expected, a material impairment loss or a material reversal of impairment loss may arise. As at 31 December 2022, the carrying amount of the financial assets which are subject to ECL measurement is approximately RMB1,132,732,000 (net of allowance for doubtful debts of RMB41,179,000) (2021: RMB1,736,092,000 (net of allowance for doubtful debts of RMB33,213,000)).

Recognition of deferred tax assets

The Group recognised deferred tax assets for all deductible temporary differences to the extent that it is probable that taxable profit would be available against which the deductible temporary difference can be utilised. In cases where the actual future profits generated are less than expected, a material reversal of deferred tax assets may arise, which would be charged to profit or loss in which such a reversal takes place.

As at 31 December 2022, the Group has recognised deferred tax assets in the amount of RMB35,621,000 (2021: RMB15,077,000).

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

5. REVENUE

(i) Disaggregation of revenue from contracts with customers

A. For the year ended 31 December 2022

	For the year ended 31 December 2022			
	Iron Ore Business RMB'000	High-purity Iron Business RMB'000	Others RMB'000	Total RMB'000
Sales of goods (recognised at a point in time)				
Iron ore concentrates	**320,131**	**95,540**	**–**	**415,671**
High-purity iron	**–**	**2,169,747**	**–**	**2,169,747**
Building materials	**–**	**–**	**2,723**	**2,723**
Raw and leftover materials	**2,489**	**10,413**	**790**	**13,692**
Total	**322,620**	**2,275,700**	**3,513**	**2,601,833**
Geographical markets				
Mainland China	**322,620**	**2,275,700**	**3,513**	**2,601,833**

B. For the year ended 31 December 2021

	For the year ended 31 December 2021			
	Iron Ore Business RMB'000	High-purity Iron Business RMB'000	Others RMB'000	Total RMB'000
Sales of goods (recognised at a point in time)				
Iron ore concentrates	619,219	–	–	619,219
High-purity iron	–	2,438,960	–	2,438,960
Building materials	–	–	20,727	20,727
Raw and leftover materials	3,230	44,086	426	47,742
Total	622,449	2,483,046	21,153	3,126,648
Geographical markets				
Mainland China	622,449	2,483,046	21,153	3,126,648

Note: Amounts of revenue in these tables are the same as the revenue from contracts with customers with the amounts disclosed in the segment information.

5. REVENUE *(CONTINUED)*

(ii) Performance obligations for contracts with customers

The Group produces and sales iron ore concentrates, high-purity iron, building materials and raw and leftover materials directly to customers.

Revenue is recognised when control of the goods has transferred, being the time when the goods are delivered and accepted. Following acceptance, the customers have the ability to direct the use of, and obtain substantially all the benefits from the goods. Therefore, the Directors have justified that the performance obligation in respect of the sales of goods is satisfied when the goods are accepted by the customers and recognised revenue at a point in time. The normal credit term is 7 days for iron ore concentrates, 60 days for high-purity iron and 30 days for building materials upon acceptance. The Group may request certain of its customers to place up to 100% of the contract sum as deposits in respect of sales of iron ore concentrates and high-purity iron, depending on the background, historical experience of and business relationship with them. The deposit received is accounted for as "contract liabilities". The related performance obligation is expected to be satisfied within one year.

6. OPERATING SEGMENTS

The Group's operating businesses are structured and managed separately according to the geographical information of the operations and products. The principal activities of the Group are Iron Ore Business, High-purity Iron Business in the PRC, and Gold Business in the Australia. The Group identified an operating segment which is a component of the Group (a) that engages in business activities from which it may earn revenue and incur expenses; and (b) whose operating results are reviewed regularly by the chief executive officer, being the chief operating decision maker ("**CODM**"), to make decisions about resources allocation and performance assessment.

No operating segments have been aggregated in arriving at the reportable segments of the Group.

Other operating segment represents production and sales of building materials (i.e. foamed ceramics) which is a business operated by the Group since 2018 ("**Building Material Business**").

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

6. OPERATING SEGMENTS *(CONTINUED)*

Segment revenues and results

The following is an analysis of the Group's revenue and results by reportable and operating segment.

For the year ended 31 December 2022

	Iron Ore Business RMB'000	High-Purity Iron Business RMB'000	Gold Business RMB'000	Others RMB'000	Adjustments and elimination RMB'000	Consolidated RMB'000
Segment revenue						
External sales	322,620	2,275,700	–	3,513	–	2,601,833
Inter-segment sales	449,866	11,285	–	–	(461,151)	–
	772,486	2,286,985	–	3,513	(461,151)	2,601,833
Segment profit (loss)	244,172	(146,260)	(18,113)	(35,202)	(47,396)	(2,799)
Central administration costs and directors' salaries						(5,406)
Other income and other gains and losses						1,389
Share of results of an associate						(787)
Group's loss before tax						(7,603)

6. OPERATING SEGMENTS *(CONTINUED)*

Segment revenues and results *(continued)*

For the year ended 31 December 2021

	Iron Ore Business RMB'000	High-Purity Iron Business RMB'000	Gold Business RMB'000	Others RMB'000	Adjustments and elimination RMB'000	Consolidated RMB'000
Segment revenue						
External sales	622,449	2,483,046	–	21,153	–	3,126,648
Inter-segment sales	681,928	6,930	–	–	(688,858)	–
	1,304,377	2,489,976	–	21,153	(688,858)	3,126,648
Segment profit (loss)	622,897	194,920	29,756	(45,651)	30,440	832,362
Central administration costs and directors' salaries						(3,325)
Other income and other gains and losses						(12,537)
Share of results of an associate						(3,657)
Group's profit before tax						812,843

The accounting policies of the operating segments are the same as the Group's accounting policies described in note 3. Segment profit (loss) represents the profit earned by or loss incurred from each segment without allocation of central administration costs and directors' salaries, share of results of an associate, other income, other gains and losses (except for impairment loss on property, plant and equipment, and intangible assets), and certain finance costs. This is the measure reported to the CODM for the purposes of resource allocation and performance assessment.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

6. OPERATING SEGMENTS *(CONTINUED)*

Segment assets and liabilities

The following is an analysis of the Group's assets and liabilities by reportable and operating segment:

Segment assets

	31/12/2022 RMB'000	31/12/2021 RMB'000
Iron Ore Business	**1,044,531**	1,388,139
High-purity Iron Business	**1,860,403**	1,956,587
Gold Business	**317,693**	283,327
Total reportable segment assets	**3,222,627**	3,628,053
Other reporting segments	**78,421**	92,813
Unallocated		
Property, plant and equipment	**4**	4
Financial assets at FVTPL	**3,114**	3,150
Other receivables	**14,276**	13,103
Interests in an associate	**34,556**	26,343
Bank balances and cash	**9,806**	47,443
Consolidated assets	**3,362,804**	3,810,909

6. OPERATING SEGMENTS *(CONTINUED)*

Segment assets and liabilities *(continued)*

Segment liabilities

	31/12/2022 **RMB'000**	31/12/2021 RMB'000
Iron Ore Business	**573,356**	774,060
High-purity Iron Business	**1,462,338**	1,424,340
Gold Business	**18,468**	18,310
Total reportable segment liabilities	**2,054,162**	2,216,710
Other reporting segment	**7,806**	10,227
Unallocated		
Tax liabilities	**19,500**	15,700
Consolidated liabilities	**2,081,468**	2,242,637

For the purposes of monitoring segment performance and allocating resources between segments:

- all assets are allocated to reportable and operating segments other than certain property, plant and equipment, interest in an associate, financial assets at FVTPL, investment deposit, other receivables and bank balances and cash used and held by the headquarter; and

- all liabilities are allocated to reportable and operating segments other than certain tax liability and provision by the headquarter.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

6. OPERATING SEGMENTS *(CONTINUED)*

Segment assets and liabilities *(continued)*

For the year ended 31 December 2022

Amounts included in the measure of segment profit or loss or segment assets:

	Iron Ore Business RMB'000	High-Purity Iron Business RMB'000	Gold Business RMB'000	Total reportable segment RMB'000	Others RMB'000	Total RMB'000
Addition to non-current assets (note)	**76,289**	**12,916**	**24,213**	**113,418**	**10,739**	**124,157**
Depreciation and amortisation	**103,012**	**52,892**	**700**	**156,604**	**4,504**	**161,108**
Impairment loss on property, plant and equipment	**17,061**	**–**	**–**	**17,061**	**1,761**	**18,822**
Loss on disposal of property, plant and equipment	**(1,010)**	**(77)**	**–**	**(1,087)**	**(315)**	**(1,402)**
Impairment losses recognised (reversed) on trade receivables	**16**	**(1,579)**	**–**	**(1,563)**	**13,246**	**11,683**
Impairment losses on other receivables	**1,308**	**–**	**–**	**1,308**	**306**	**1,614**
Write-down of inventories	**–**	**26,674**	**–**	**26,674**	**3,010**	**29,684**

Note: Non-current assets excluded goodwill, interests in an associate, financial assets at FVTPL, deferred tax assets, deposits on acquisition of property, plant and equipment, restricted deposits, pledged bank deposits, rental deposit, investment deposit and amounts due from a related party.

For the year ended 31 December 2021

Amounts included in the measure of segment profit or loss or segment assets:

	Iron Ore Business RMB'000	High-Purity Iron Business RMB'000	Gold Business RMB'000	Total reportable segment RMB'000	Others RMB'000	Total RMB'000
Addition to non-current assets (note)	92,248	158,887	68,466	319,601	32,426	352,027
Depreciation and amortisation	138,729	53,539	859	193,127	11,451	204,578
Impairment loss on property, plant and equipment	–	–	–	–	22,269	22,269
(Loss) gain on disposal of property, plant and equipment	(1,664)	124	–	(1,540)	(86)	(1,626)
Impairment losses (reversed) recognised on trade receivables	(2,392)	4,058	–	1,666	505	2,171
Impairment losses on other receivables	481	209	–	690	4	694
Write-down of the inventories	–	–	–	–	3,636	3,636

Note: Non-current assets excluded goodwill, interests in an associate, financial assets at FVTPL, deferred tax assets, deposits on acquisition of property, plant and equipment, restricted deposits, pledged bank deposits, rental deposit, investment deposit and amounts due from a related party.

6. OPERATING SEGMENTS *(CONTINUED)*

Geographical information

The Group's operations are located in the PRC and Australia.

Information about the Group's revenue from external customers is presented based on locations of customers. Information about the Group's non-current assets is presented based on the geographical areas of the assets.

	Revenue from external customers Year ended		Non-current assets	
	31/12/2022 RMB'000	31/12/2021 RMB'000	**31/12/2022 RMB'000**	31/12/2021 RMB'000
The PRC	**2,601,833**	3,126,648	**1,148,936**	1,231,426
Australia	**–**	–	**289,595**	260,674
	2,601,833	3,126,648	**1,438,531**	1,492,100

Note: Non-current assets excluded goodwill, financial assets at FVTPL, investment deposits, interests in an associate, deferred tax assets, deposits on acquisition of property, plant and equipment, restricted deposits, pledged bank deposits, rental deposit and amounts due from a related party.

Information about major customers

For both the years ended 2022 and 2021, the Group did not have customer that contribute over 10% of the total revenue of the Group.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

7. OTHER INCOME

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Bank interest income	**18,000**	12,722
Government grants	**6,036**	4,587
Others	**3,143**	228
	27,179	17,537

8. OTHER GAINS AND LOSSES

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Loss on disposal of property, plant and equipment	**(1,402)**	(1,626)
Fair value loss on financial assets at FVTPL	**(1,217)**	(853)
Net foreign exchange gain (loss)	**3,233**	(1,309)
Impairment loss on property, plant and equipment (note 24)	**(18,822)**	(22,269)
Impairment of intangible assets	**–**	(289)
Gain on disposal of a subsidiary (note 14)	**–**	35,950
Donations	**(1,000)**	(2,032)
Penalty	**(1,092)**	(3,219)
Provision for contingency (note)	**–**	(12,556)
Others	**308**	(6,271)
	(19,992)	(14,474)

Note:

In February 2021, the Company submitted an application to revoke an arbitration award which is related to a dispute with a vendor for the provision of consultancy service to the Group. Pursuant to the arbitration award, the Company is required to pay a total amount of RMB20 million to the vendor. Based on management's estimation of possibility of losing, consequent economic benefits outflow in accordance with the information available and the professional advice from external legal experts, a provision of contingency of RMB10 million was made in the consolidated financial statements for the year ended 31 December 2020. In June 2021, the application was formally rejected by the court, as such, the Company has made the remaining provision amount of RMB12,556,000 during the year. In July 2021, the Company has settled the total provision of RMB22,556,000 in full.

9. IMPAIRMENT LOSSES UNDER ECL MODEL, NET OF REVERSAL

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Impairment losses recognised in respect of:		
– trade receivables	**11,683**	2,171
– other receivables	**1,614**	694
	13,297	2,865

10. FINANCE COSTS

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Interests on borrowings	**38,122**	42,327
Interests on bills discounted	**28,445**	34,166
Interests on lease liabilities	**223**	436
Interests on rehabilitation provision	**1,695**	1,490
	68,485	78,419

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

11. (LOSS) PROFIT BEFORE TAX

(Loss) profit before tax has been arrived at after charging (crediting) the following items:

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Cost of inventories recognised as an expense (note)	**2,183,705**	1,813,580
Auditors' remuneration	**3,500**	4,549
Depreciation of property, plant and equipment	**119,193**	147,957
Amortisation of intangible assets	**23,734**	24,190
Depreciation of right-of-use assets	**18,181**	32,431
Total depreciation and amortisation	**161,108**	204,578
Capitalised in inventories	**(130,530)**	(179,779)
	30,578	24,799
Analysed as:		
– charged in research and development expenses	**2,995**	1,184
– charged in distribution and selling expenses	**6**	52
– charged in administrative expenses	**27,577**	23,563
	30,578	24,799

Note: The amount included write-down of inventories of RMB29,684,000 for the year ended 31 December 2022 (2021: RMB3,636,000).

11. (LOSS) PROFIT BEFORE TAX *(CONTINUED)*

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Salaries and other benefits including staff's bonus	**182,163**	172,908
Retirement benefit scheme contributions	**12,814**	12,102
Share-based payment	**1,467**	788
Total staff costs (including directors)	**196,444**	185,798
Capitalised in inventories	**(74,917)**	(65,114)
	121,527	120,684
Analysed as:		
– charged in research and development expenses	**6,102**	5,317
– charged in distribution and selling expenses	**6,545**	3,184
– charged in administrative expenses	**108,880**	112,183
	121,527	120,684
Research and development expenditure analysed as:		
– depreciation and amortisation	**4,629**	6,933
– raw materials consumed	**90,110**	124,425
– staff costs	**6,998**	8,433
– technical service fee	**2,176**	1,868
– others	**147**	4,023
	104,060	145,682
Capitalised in inventories	**(92,569)**	(137,727)
	11,491	7,955
Research and development cost charged in profit or loss analysed as:		
– depreciation and amortisation	**2,995**	1,184
– raw materials consumed	**218**	515
– staff costs	**6,102**	5,317
– technical service fee	**2,176**	596
– others	**–**	343
	11,491	7,955

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

for the year ended 31 December 2022

12. INCOME TAX EXPENSE

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Current tax:		
PRC Enterprise Income Tax ("**EIT**")	**(57,425)**	(135,843)
Withholding tax	**(3,800)**	(15,700)
(Under) over provision in prior years	**(4,726)**	2,720
	(65,951)	(148,823)
Deferred tax (note 26):		
Current year	**23,837**	(8,636)
Attributable to changes in tax rate	**(3,293)**	4,019
	20,544	(4,617)
Total income tax expense recognised in the current year	**(45,407)**	(153,440)

Under the Law of the PRC on Enterprise Income Tax (the "**EIT Law"**) and Implementation Regulation of the EIT Law, the tax rate of the PRC subsidiaries is 25% for both years except disclosed as below.

On 28 November 2022 Aoniu Mining obtained "High Technology Enterprise" status for 3 years that entitled it a preferential tax rate of 15% for a period of three years from 2022 to 2024 which is renewable upon expiring according to EIT Law.

On 15 September 2020, Hanking D.R.I. successfully obtained "High Technology Enterprise" status for another 3 years that entitled it a preferential tax rate of 15% from 2020 to 2022 according to EIT Law.

12. INCOME TAX EXPENSE *(CONTINUED)*

The Company and certain subsidiaries located in Hong Kong and Australia had no provision for income tax as there were no assessable profits arising from these jurisdictions for both years.

Under the EIT Law of PRC, withholding tax is imposed on dividends declared in respect of profits earned by PRC subsidiaries from 1 January 2008 onwards.

The income tax expense for the years can be reconciled to the profit before tax per the consolidated statement of profit or loss and other comprehensive income as follows:

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
(Loss) profit before tax	**(7,603)**	812,843
Tax at the PRC income tax rate of 25%	**1,901**	(203,211)
Tax effect of expenses not deductible for tax purpose	**(3,615)**	(5,099)
Tax effect of income not taxable for tax purposes	**–**	1,108
Tax effect of research and development expenses that are additionally deducted	**2,155**	1,492
Deductible temporary differences and tax losses not recognised	**(49,486)**	(15,666)
Utilisation of deductible temporary difference and tax losses previously not recognised	**200**	(446)
Tax effect of concessions granted to Aoniu Mining and Hanking D.R.I.	**15,257**	77,343
Change in opening deferred tax asset resulting from a change in applicable tax rate	**(3,293)**	4,019
(Under) over provision in respect of prior years	**(4,726)**	2,720
Withholding tax	**(3,800)**	(15,700)
Income tax expense for the year	**(45,407)**	(153,440)

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

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13. ACQUISITION OF A SUBSIDIARY

No subsidiaries were acquired during the current year.

On 21 October 2021, Shenyang Toyo Steel Utility Co., Ltd* (瀋陽東洋煉鋼公用設施有限公司) ("**Shenyang Toyo Steel**") acquired 100% interest in Beijing Wanfu Xin'an Enterprise Management Co., LTD* (北京萬福鑫安企業管理有限公司) ("**Wanfu Xin'an**") at a cash consideration of RMB1,750,000. Wanfu Xin'an holds a commercial property which is located in Beijing. Since Wanfu Xin'an has no operation, the acquisition transaction is accounted for as an asset acquisition.

Assets and liabilities recognised at the date of acquisition:

	RMB'000
Property, plant and equipment	13,286
Bank balances and cash	259
Trade and other payables	(11,795)
	1,750

* English name is for identification purpose only.

Net cash outflows arising on acquisition of Wanfu Xin'an

	RMB'000
Consideration paid in cash	1,750
Less: bank balances and cash acquired	(259)
	1,491

Following the completion of the acquisition, Wanfu Xin'an became a wholly owned subsidiary of Shenyang Toyo Steel. After acquisition, Wanfu Xin'an entered into an operating lease arrangement as a lessor for leasing the property to Beijing Heyan Yue'se Medical Beauty Clinic Co., Ltd* (北京和顏悅色醫療美容診所有限公司) ("**Beijing Heyan**"), a fellow subsidiary of the Group, for a lease term of 5 years. The annual rent is determined based on the parties' arm's length negotiations with reference to the prevailing market rental price.

* English name is for identification purpose only.

14. DISPOSAL OF A SUBSIDIARY

No subsidiaries were disposed during the current year.

On 23 August 2021, the Company entered into a share sale and purchase agreement with Beacon Mining Pty Ltd, who was an independent third party, pursuant to which the Company agreed to sell, and Beacon Mining Pty Ltd agreed to purchase, the entire 94% of equity interest of MacPhersons Reward held by the Company for a total consideration of AUD14,000,000 (equivalent to RMB64,967,000). The Group's disposal of MacPhersons Reward was completed on 23 August 2021. A gain on disposal of RMB35,950,000 was recognised as other gains and losses.

The net assets of MacPhersons Reward at the date of disposal were as follows:

Consideration received:	RMB'000
Cash received	64,967
Total consideration received	64,967

Analysis of assets and liabilities over which control was lost:	RMB'000
Exploration and evaluation assets	38,153
Property, plant and equipment	539
Rehabilitation provision	(9,675)
Net assets disposed of	29,017

Gain on disposal of a subsidiary:	RMB'000
Consideration received	64,967
Net assets disposed of	(29,017)
Gain on disposal	35,950

Net cash inflow arising on disposal:	
Cash consideration	64,967
Less: bank balances and cash disposed of	–
	64,967

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for the year ended 31 December 2022

15. DIRECTORS' AND CHIEF EXECUTIVE'S EMOLUMENTS

The emoluments paid or payable to each of the 8 (2021: 8) directors were as follows:

	For the year ended 31 December 2022				
	Directors' fees RMB'000	Retirement benefit scheme contributions RMB'000	Salary, wages and other allowance RMB'000	Equity settled share-based expense RMB'000	Total RMB'000
Executive directors (note c):					
– Yang Jiye (note a)	–	236	1,889	–	2,125
– Zheng Xuezhi (note b)	–	132	689	–	821
– Dr. Qiu	–	290	2,828	486	3,604
Non-executive directors (note d):					
– Kenneth Lee	214	–	–	–	214
– Xia Zhuo	214	–	–	–	214
Independent non-executive directors (note e):					
– Wang Ping	268	–	–	–	268
– Wang Anjian	214	–	–	–	214
– Ma Qingshan	214	–	–	–	214
	1,124	658	5,406	486	7,674

15. DIRECTORS' AND CHIEF EXECUTIVE'S EMOLUMENTS *(CONTINUED)*

	For the year ended 31 December 2021			
	Directors' fees RMB'000	Retirement benefit scheme contributions RMB'000	Salary, wages and other allowance RMB'000	Total RMB'000
Executive directors (note c):				
– Yang Jiye (note a)	–	177	1,869	2,046
– Zheng Xuezhi (note b)	–	136	855	991
– Dr. Qiu	–	248	2,542	2,790
Non-executive directors (note d):				
– Kenneth Lee	164	–	–	164
– Xia Zhuo	164	–	–	164
Independent non-executive directors (note e):				
– Wang Ping	204	–	–	204
– Wang Anjian	164	–	–	164
– Ma Qingshan	164	–	–	164
	860	561	5,266	6,687

Notes:

(a) Yang Jiye is the chief executive officer ("**CEO**") of the Group.

(b) Zheng Xuezhi was CFO for the period from 28 March 2016 to 27 May 2021 and executive director of the Company, and emoluments disclosed above for the year ended 31 December 2021 include those for services rendered by him as the CFO.

(c) The executive directors' emoluments shown above were for their services in connection with the management of the affairs of the Company and the Group.

(d) The non-executive directors' emoluments shown above were for their services as directors of the Company and its subsidiaries.

(e) The independent non-executive directors' emoluments shown above were for their services as directors of the Company.

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15. DIRECTORS' AND CHIEF EXECUTIVE'S EMOLUMENTS *(CONTINUED)*

During both current and prior years, no remuneration was paid by the Group to the directors as an inducement to join or upon joining the Group or as compensation for loss of office. None of the directors has waived any remuneration during the both years.

During the year, Dr. Qiu was granted share options of Hanking Australia, in respect of their services to the Group under the subsidiary share option scheme. Details of the subsidiary share option scheme are set out in note 42. The Black-Scholes option pricing model has been used to estimate the fair value of the options. The variables and assumptions used in computing the fair value of the share options are based on the directors' best estimate. Changes in variables and assumptions may result in changes in the fair value of the options.

16. FIVE HIGHEST PAID EMPLOYEES

During the year, the five highest paid individuals included 2 directors (2021: 2 directors), details of whose emoluments are set out in note 15. The emoluments of the remaining three (2021: three) highest paid individual of 2022 were as follows:

	Year ended	
	31/12/2022 RMB'000	31/12/2021 RMB'000
Employee		
– Salaries, bonus and other benefits	**4,922**	3,810
– Retirement benefits scheme contributions	**218**	226
	5,140	4,036

The emoluments of the five highest paid individuals were within the following bands:

	2022 No. of Individuals	2021 No. of Individuals
HKD1,500,001 to HKD2,000,000	**2**	3
HKD2,000,001 to HKD2,500,000	**1**	–
HKD2,500,001 to HKD3,000,000	**1**	1
HKD3,000,001 to HKD3,500,000	**–**	1
HKD4,000,001 to HKD4,500,000	**1**	–
	5	5

17. DIVIDENDS

	Year ended	
	31/12/2022	31/12/2021
	RMB'000	RMB'000
Dividends for ordinary shareholders of the Company recognised as distribution during the year:		
2021 Final – HKD0.12 (2020: HKD0.08) per share (note)	**199,701**	127,979
2022 Interim – HKD0.02 (2021: HKD0.06) per share (note)	**35,045**	96,023
	234,746	224,002

Note:

During the current year, a dividend of HKD0.12 per share amounting to HKD235,200,000 (equivalent to RMB202,298,000) in aggregate in respect of the year ended 31 December 2021 (2021: a dividend of HKD0.08 per share amounting to HKD156,800,000 (equivalent to RMB129,032,000) in aggregate in respect of the year ended 31 December 2020) was declared, among which HKD232,181,000 (equivalent to RMB199,701,000) (net of the dividend of HKD3,019,000(equivalent to RMB2,597,000) attributable to the restricted shares held for the restricted share award scheme) was paid to the owners of the Company whose names appeared in the register of members of the Company on 8 June 2022. An interim dividend of HKD0.02 per share amounting to HKD39,200,000.00 (equivalent to RMB35,550,000) in aggregate (2021: interim dividend of HKD0.06 per share amounting to HKD117,600,000 (equivalent to RMB96,892,000) in aggregate) was declared, among which HKD38,644,000 (equivalent to RMB35,045,000) (net of the dividend of HKD556,000(equivalent to RMB505,000) attributable to the restricted shares held for the restricted share award scheme) was paid to the owners of the Company whose names appeared in the register of members of the Company on 12 October 2022.

No dividend has been proposed since the end of the year ended 31 December 2022 (2021: HKD235,200,000).

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18. (LOSS) EARNINGS PER SHARE

The calculation of the basic earnings per share attributable to owners of the Company is based on the following data:

	Year ended	
	31/12/2022	31/12/2021
	RMB'000	RMB'000
(Loss) profit for the year attributable to owners of the Company, for the purposes of basic (loss) earnings per share	**(51,297)**	658,957

	Number of shares	
	31/12/2022	31/12/2021
Weighted average number of ordinary shares for the purpose of basic (loss) earnings per share	**1,933,841,000**	1,942,943,000

The weighted average number of ordinary shares for the year ended 31 December 2022 for the purpose of basic (loss) earnings per share has been adjusted for the weighted average effect of 7,174,000 (2021: 8,293,000) ordinary shares repurchased as restricted shares held for strategic incentive award scheme.

The Company did not have dilutive potential ordinary shares in issue for the years ended 31 December 2022 and 2021.

19. PROPERTY, PLANT AND EQUIPMENT

	Buildings RMB'000	Mining structures RMB'000	Plant and machinery RMB'000	Other equipment RMB'000	Motor vehicles RMB'000	Construction in progress RMB'000	Total RMB'000
COST							
At 1 January 2021	779,010	191,607	849,134	23,285	103,247	51,068	1,997,351
Additions	880	3,282	16,267	3,721	3,621	75,027	102,798
Additions in relation to acquisition of Wanfu Xin'an	13,286	–	–	–	–	–	13,286
Transfer	39,668	28	21,116	1,984	–	(62,796)	–
Disposals	(6,100)	–	(8,633)	(296)	(3,784)	–	(18,813)
Disposal of a subsidiary	–	–	(752)	–	–	–	(752)
Exchange adjustments	–	–	(110)	–	(46)	–	(156)
At 31 December 2021	826,744	194,917	877,022	28,694	103,038	63,299	2,093,714
Additions	4,996	–	6,277	1,212	7,624	45,989	66,098
Transfer	19,927	–	2,275	1,039	–	(23,241)	–
Disposals/write off	(3,376)	(13,981)	(1,403)	(1,412)	(701)	–	(20,873)
Exchange adjustments	15	–	–	–	11	92	118
At 31 December 2022	848,306	180,936	884,171	29,533	109,972	86,139	2,139,057
DEPRECIATION AND IMPAIRMENT							
At 1 January 2021	349,727	139,844	439,953	18,447	88,324	3,948	1,040,243
Provided for the year	59,480	9,232	68,392	2,991	7,862	–	147,957
Impairment loss recognised in profit or loss	–	–	22,269	–	–	–	22,269
Eliminated on disposals	(2,104)	–	(7,377)	(277)	(2,727)	–	(12,485)
Disposal of a subsidiary	–	–	(213)	–	–	–	(213)
Exchange adjustments	–	–	(62)	–	(17)	–	(79)
At 31 December 2021	407,103	149,076	522,962	21,161	93,442	3,948	1,197,692
Provided for the year	45,617	7,738	61,590	2,553	1,695	–	119,193
Impairment loss recognised in profit or loss	1,338	1,071	1,732	–	29	14,652	18,822
Eliminated on disposals/write off	(2,724)	(13,421)	(1,003)	(1,288)	(616)	–	(19,052)
Exchange adjustments	13	–	–	–	5	–	18
At 31 December 2022	451,347	144,464	585,281	22,426	94,555	18,600	1,316,673
CARRYING VALUES							
At 31 December 2022	396,959	36,472	298,890	7,107	15,417	67,539	822,384
At 31 December 2021	419,641	45,841	354,060	7,533	9,596	59,351	896,022

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19. PROPERTY, PLANT AND EQUIPMENT *(CONTINUED)*

The Group is in the process of applying for the title certificates for certain buildings with carrying amount of RMB3,400,000 as at 31 December 2022 (2021: RMB4,250,000).

The above items of property, plant and equipment, except for mining structure and construction in progress, after taking into account their estimated residual value, are depreciated on a straight-line basis within the following period:

Buildings	8 to 20 years
Plant and machinery	3 to 10 years
Other equipment	3 to 5 years
Motor vehicles	3 to 8 years

The mining structures are infrastructures which include mainly the main and auxiliary mine shafts, underground tunnels and other mining costs capitalised for the future economic benefits of the operation. Depreciation is provided to write off the cost of the mining structures on the straight-line basis over the estimated useful lives of the respective mines.

The management recognised an impairment loss of RMB18,822,000 (2021:RMB22,269,000) for buildings, plant and machinery used in Iron Ore Business and Building Materials Business during the year ended 31 December 2022. Details for the impairment of Iron Ore Business and Building Materials Business are set out in note 24.

Certain property, plant and equipment of the Group had been pledged as securities for bank borrowings as at 31 December 2022 and 2021 with details summarised in note 46.

20. GOODWILL

	Acquisition of Emerald Planet Group RMB'000
Cost and carrying values	
At 1 January and December 31 2022	209,132

Particulars regarding impairment testing on goodwill are disclosed in note 25.

21. INTANGIBLE ASSETS

	Software RMB'000	Mining rights RMB'000	Exploration and evaluation assets RMB'000	Technical know-how RMB'000	Total RMB'000
COST					
At 1 January 2021	11,331	442,368	261,939	9,529	725,167
Additions	1,000	–	74,237	1,035	76,272
Disposal of a subsidiary	–	–	(38,153)	–	(38,153)
Exchange adjustments	–	–	(22,549)	–	(22,549)
At 31 December 2021	12,331	442,368	275,474	10,564	740,737
Additions	706	–	41,969	340	43,015
Exchange adjustments	–	–	5,292	–	5,292
At 31 December 2022	13,037	442,368	322,735	10,904	789,044
AMORTISATION AND IMPAIRMENT					
At 1 January 2021	9,957	312,724	859	1,421	324,961
Charge for the year	356	19,110	–	4,724	24,190
Impairment loss recognised in the year	–	–	289	–	289
Exchange adjustments	–	–	80	–	80
At 31 December 2021	10,313	331,834	1,228	6,145	349,520
Charge for the year	571	20,383	–	2,780	23,734
Exchange adjustments	–	–	21	–	21
At 31 December 2022	10,884	352,217	1,249	8,925	373,275
CARRYING VALUES					
At 31 December 2022	2,153	90,151	321,486	1,979	415,769
At 31 December 2021	2,018	110,534	274,246	4,419	391,217

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21. INTANGIBLE ASSETS *(CONTINUED)*

The above intangible assets have definite useful lives. Software is amortised on a straight-line basis over five years. Mining rights are amortised over the shorter of the unexpired period of the rights on the straight-line basis or the estimated useful lives of the mines, in accordance with the production plans of the entities concerned and the proved and probable reserves of the mines using the units of production method. Exploration and evaluation assets will be transferred to mining rights once the mining rights certificates obtained. Technical know-how is amortised on a straight-line basis over a period of five years.

No impairment loss has been recognised during the year ended 31 December 2022 (2021: AUD60,000 (equivalent to RMB289,000)).

Certain intangible assets of Group had been pledged as securities for bank borrowings as at 31 December 2022 and 2021 with details summarised in note 46.

22. RIGHT-OF-USE ASSETS

	Leasehold lands RMB'000	Offices and premises RMB'000	Factory buildings RMB'000	Total RMB'000
As at 31 December 2022				
Carrying amount	190,738	9,640	–	200,378
As at 31 December 2021				
Carrying amount	195,276	8,136	1,449	204,861
For the year ended 31 December 2022				
Depreciation charge	14,614	3,485	82	18,181
For the year ended 31 December 2021				
Depreciation charge	27,491	4,218	722	32,431

22. RIGHT-OF-USE ASSETS *(CONTINUED)*

	Year ended	
	31/12/2022 RMB'000	31/12/2021 RMB'000
Expense relating to short-term leases	**4,129**	10,431
Total cash outflow for leases	**15,044**	22,003
Additions to right-of-use assets	**15,044**	41,790

For both current and prior years, the Group leases leasehold lands, offices and premises, factory buildings, machinery and equipment for its operations. Lease contracts are entered into for fixed term of 6 months to 20 years. Lease terms are negotiated on an individual basis and contain a wide range of different terms and conditions. In determining the lease term and assessing the length of the non-cancellable period, the Group applies the definition of a contract and determines the period for which the contract is enforceable.

The leasehold lands were amortised over the benefit periods from 5 to 50 years. Amount of RMB100,482,000 (2021: RMB42,018,000) represented the pre-paid rental to various farmers for mining purpose and no land certificates for these pre-paid rental have been obtained. The offices, premises and factory buildings were amortised over the lease terms.

Certain right-of-use assets of the Group had been pledged as securities for bank borrowings as at 31 December 2022 and 2021 with details summarised in note 46.

The Group regularly entered into short-term leases for office and premises, factory buildings, machinery and equipment. As at 31 December 2022 and 2021, the portfolio of short-term leases is similar to the portfolio of short-term leases to which the short- term lease expense disclosed above.

Restrictions or covenants on leases

In addition, lease liabilities of RMB9,775,000 are recognised with related right-of-use assets of RMB9,640,000 as at 31 December 2022 (2021: lease liabilities of RMB9,303,000 are recognised with related right-of-use assets of RMB9,585,000). The lease agreements do not impose any covenants other than the security interests in the leased assets that are held by the lessor.

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23. INTERESTS IN AN ASSOCIATE

	31/12/2022 RMB'000	31/12/2021 RMB'000
Cost of investment	**39,000**	30,000
Share of post-acquisition losses and other comprehensive expense	**(4,444)**	(3,657)
	34,556	26,343

Name of associate	Country of incorporation/ registration	Principal place of business	Proportion of ownership interest and voting rights held by the Group		Principal activity
			2022	2021	
Tibet Oudi Electronic Technology Co., Ltd* (西藏歐帝電子科技有限公司) ("**Tibet Oudi**")	PRC	PRC	**10.22%**	8.33%	Production and sales of LCD products

* English name is for identification purpose only.

Note: The investment in Tibet Oudi was made by Shanghai Tuoao Industry Limited* (上海拓澳實業有限公司) ("**Shanghai Tuoao**"), a wholly owned subsidiary of the Group. Shanghai Tuoao entitled the right to appoint one director out of five (2021: one director out of seven) in the board of directors of Tibet Oudi, as such, the directors of the Company considered the Group is able to exercise significant influence over Tibet Oudi and accounted for as investment in an associate.

In April 2022, the Group invested additional capital in Tibet Oudi at consideration of RMB9,000,000.

Financial information in respect of the associate is set out below. The financial information below represents amounts shown in the associate's financial statements prepared in accordance with IFRSs.

23. INTERESTS IN AN ASSOCIATE *(CONTINUED)*

The associate is accounted for using the equity method in these consolidated financial statements.

	31/12/2022 RMB'000	31/12/2021 RMB'000
Current assets	**187,310**	187,729
Non-current assets	**145,134**	152,909
Current liabilities	**(191,461)**	(266,786)
Non-current liabilities	**(49,900)**	–

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Revenue	**367,320**	481,085
Loss for the year	**(12,512)**	(43,905)

Reconciliation of the above summarised financial information to the carrying amount of the interest in the associate recognised in the consolidated financial statements:

	31/12/2022 RMB'000	31/12/2021 RMB'000
Net assets of Tibet Oudi	**91,083**	73,852
Proportion of the Group's ownership interests in Tibet Oudi	**10.22%**	8.33%
The Group's share of net assets of Tibet Oudi	**9,309**	6,152
Goodwill	**25,247**	20,191
Carrying amount of the Group's interest in Tibet Oudi	**34,556**	26,343

Note: The management of the Group considered no impairment loss is required to recognise for goodwill by reference to the latest capital injection made by an independent third party in August 2022.

* English name is for identification purpose only.

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24. IMPAIRMENT OF TANGIBLE AND INTANGIBLE ASSETS

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Impairment of tangible and intangible assets recognised during the year:		
Iron Ore Business	**(17,061)**	–
Building Materials Business	**(1,761)**	(22,269)
Gold Business	**–**	(289)
Total impairment loss recognised in the current year	**(18,822)**	(22,558)

Building Materials Business

Due to continued losses, the management of the Group concluded there was indication for impairment and conducted impairment assessment. For the purpose of impairment testing, tangible and intangible assets with definite lives set out in notes 19, 21, 22 in relation to Building Materials Business have been allocated to a single individual cash generating unit ("**CGU**").

The recoverable amount of Building Materials Business has been determined based on a value in use calculation. That calculation uses cash flow projections based on financial budgets approved by management covering a 5-year period (2021: 5-year period), and discount rate of 17.5% (2021:17.5%). Building Materials Business's cash flows beyond the 5-year period are extrapolated using a steady 2.0% (2021: 2.0%) growth rate. This growth rate is based on the relevant industry growth forecasts and does not exceed the average long-term growth rate for the relevant industry. Other key assumptions for the value in use calculations related to the estimation of cash inflows/outflows which include budgeted sales and gross margin; such estimation is based on the unit's past performance and management's expectations for the markets development.

Based on the result of the assessment, management of the Group determined that the recoverable amount of the CGU is lower than the carrying amount. The impairment amount has been allocated to property, plant and equipment such that the carrying amount of property, plant and equipment is not reduced below the highest of its fair value less cost of disposal, its value in use and zero. Based on the value in use calculation and the allocation, an impairment loss of RMB1,761,000 (2021: RMB22,269,000) has been recognised against the carrying amount of property, plant and equipment.

24. IMPAIRMENT OF TANGIBLE AND INTANGIBLE ASSETS *(CONTINUED)*

Iron Ore Business

For the purpose of impairment testing, tangible and intangible assets with definite lives set out in notes 19, 21, 22 in relation to Iron Ore Business have been allocated to 3 individual CGUs.

The basis of the determination of the recoverable amounts of the above units and their major underlying assumptions are summarised below:

Aoniu Mine

Aoniu Mine is located in the township of Hou'an, Fushun County, Fushun City, and is operated by the Company through its subsidiary Aoniu Mining. Aoniu Mine owns mining licenses covering areas totaling approximately 1.81 square kilometers and has extensive infrastructures including paved roads, electricity and water supplies. In 2020, Aoniu Mine filling project officially entered the production stage and has significantly increased its ore volume through exploration and recovery at the bottom of boundary residual mine, and certain ore bodies will continue to be recycled in 2022 with a view to extending the service life of the mine. As the production of Aoniu Mine is not yet reactivated which is beyond the initial plan, the management of the Group considered there was an indication for impairment and conducted an impairment assessment. The recoverable amount of Aoniu Mine has been determined based on a value in use calculation. The calculation uses cash flow projections based on financial budgets approved by management covering a 9-year period based on the terms of mining right and government regulatory requirements governing the mining operation (2021: 9-year period), and discount rate of 13.0% (2021: 13.0%). Other key assumptions for the value in use calculations related to the estimation of cash inflows/outflows which include budgeted production and gross margin, such estimation is based on the Aoniu's past performance in processing the iron ore and management's expectations for the market demand. Following the impairment assessment conducted by the management for the year ended 31 December 2022, the management concluded that no further impairment loss is required to recognise or reverse. (2021: RMB nil). At the end of the reporting period, the accumulated impairment losses of Aoniu Mine recognised for property, plant and equipment and right-of-use assets amounted to RMB64,188,000 (2021: RMB64,188,000).

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24. IMPAIRMENT OF TANGIBLE AND INTANGIBLE ASSETS *(CONTINUED)*

Iron Ore Business *(continued)*

Shangma Mine

Shangma Mine is located at the center of the iron ore belt in Fushun City, adjacent to Aoniu Mine, which is currently under infrastructure construction. Production is currently suspended and planned to be in place in 2023. In 2020, the first phase of the infrastructure construction of Shangma Mine was carried out as planned, with a total of 3,650 meters of excavation length completed throughout the year, and the construction has been completed during the year ended 31 December 2022. As production is currently suspended, the management of the Group concluded there existed an indication for impairment and conducted an impairment assessment. The recoverable amount of Shangma Mine has been determined based on a value in use calculation. That calculation uses cash flow projections based on financial budgets approved by management covering a 14-year period, which is based on the terms of mining right and government regulatory requirements governing the mining operation (2021: 14-year period) and discount rate of 16.0% (2021: 16.0%). Other key assumptions for the value in use calculations related to the estimation of cash inflows/outflows include budgeted sales and gross margin; such estimation is based on Shangma Mine's new infrastructures and management's expectations for the market demand. Following the impairment assessment conducted by the management for the year ended 31 December 2022, an impairment loss of RMB17,061,000 (2021: RMB nil) is recognized against the carrying amount of property, plant and equipment. At the end of the reporting period, the accumulated impairment losses of Shangma Mine recognized for property, plant and equipment amounted to RMB33,199,000 (2021: RMB16,138,000).

Maogong Mine

During the years ended 31 December 2022 and 31 December 2021, management of the Group determines that there is no indicator of impairment on Maogong mine.

Gold Business

Details for the impairment of Gold Business are set out in note 21.

25. IMPAIRMENT OF GOODWILL

For the purpose of impairment testing, goodwill (note 20) arising from the acquisition of Emerald Planet Group during the year ended 31 December 2020 have been allocated to a single individual CGU.

The recoverable amount of this unit has been determined based on a value in use calculation. That calculation uses cash flow projections based on financial budgets approved by management covering a 5-year period (2021: 5-year period), and discount rate of 17.0% (2021: 17.0%). Emerald Planet Group's cash flows beyond the 5-year period are extrapolated using a steady 3.0% (2021:3.0%) growth rate. Other key assumptions for the value in use calculations related to the estimation of cash inflows/outflows which include budgeted sales and gross margin; such estimation is based on the unit's past performance and management's expectations for the markets development. The management of the Group considered no impairment loss is required to recognise for goodwill.

26. DEFERRED TAX ASSETS

The following is the analysis of the deferred tax balances for financial reporting purposes:

	31/12/2022 RMB'000	31/12/2021 RMB'000
Deferred tax assets	**35,621**	15,077

The following are the major deferred tax assets (liabilities) recognised and movements thereon during the current and prior years:

	ECL provision/ doubtful debts RMB'000	Accelerated accounting/ tax depreciation RMB'000	Fair value adjustment on assets RMB'000	Tax losses RMB'000	Impairment RMB'000	Write-down of inventories RMB'000	Others RMB'000	Total RMB'000
At 1 January 2021	6,676	(7,221)	1,776	5,350	10,501	711	1,901	19,694
Credit (charge) to profit or loss	543	758	(638)	(5,350)	(628)	(711)	(2,610)	(8,636)
Effect of change in tax rate	1,149	(4,766)	–	–	6,419	–	1,217	4,019
At 31 December 2021	**8,368**	**(11,229)**	**1,138**	**–**	**16,292**	**–**	**508**	**15,077**
(Charge) credit to profit or loss	**(141)**	**(926)**	**(1,633)**	**25,688**	**–**	**879**	**(30)**	**23,837**
Effect of change in tax rate	**(1,164)**	**4,463**	**–**	**–**	**(6,419)**	**–**	**(173)**	**(3,293)**
At 31 December 2022	**7,063**	**(7,692)**	**(495)**	**25,688**	**9,873**	**879**	**305**	**35,621**

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26. DEFERRED TAX ASSETS *(CONTINUED)*

At the end of the reporting period, the Group has unused tax losses of approximately RMB203 million (2021: RMB157 million) available for offset against future profits. No deferred tax asset has been recognised in respect of such tax losses in both years due to the unpredictability of future profit streams.

The unrecognised tax losses which are not recognised as deferred tax assets will expire in the following years:

	31/12/2022	31/12/2021
	RMB'000	RMB'000
2022	**–**	10,310
2023	**21,006**	21,006
2024	**28,239**	28,239
2025	**23,895**	23,895
2026	**42,933**	42,933
2027	**39,972**	–
Unlimited	**47,076**	31,054
	203,120	157,437

Other than unused tax losses, at the end of the reporting period, the Group has other deductible temporary differences of RMB226,216,000 (2021: RMB84,273,000). No deferred tax asset has been recognised in relation to such deductible temporary differences as it is not probable that taxable profit will be available against which the deductible temporary differences can be utilised.

Under the Law of the PRC on EIT, withholding tax is imposed on dividends declared in respect of profits earned by the PRC subsidiaries from 1 January 2008 onwards. Deferred taxation has not been provided for in the consolidated financial statements in respect of temporary difference attributable to accumulated profit of the PRC subsidiaries amounting to RMB2,348 million (2021: RMB2,232 million) as the Group is able to control the timing of the reversal of the temporary differences and it is probable that the temporary differences will not reverse in the foreseeable future.

27. RESTRICTED DEPOSITS

	31/12/2022 RMB'000	31/12/2021 RMB'000
Restricted deposits placed in banks in respect of:		
Iron Ore Business	**23,174**	23,122
Gold Business	**13,231**	14,468
	36,405	37,590

Note: As at 31 December 2022, restricted deposits comprised RMB36,405,000 (31 December 2021: RMB37,590,000) placed in banks in respect of rehabilitation deposits for iron and gold mining operations. These deposits were not expected to release within the next twelve months, accordingly, they were classified as non-current assets.

These restricted deposits bear interests ranging from 0.35% to 2.75% (2021: 0.35% to 2.60%).

28. INVESTMENT DEPOSIT

Investment deposit is redeemable investment deposit to private investment vehicle for potential asset acquisitions in Australia.

29. INVENTORIES

	31/12/2022 RMB'000	31/12/2021 RMB'000
Finished goods	**158,531**	48,709
Work in progress	**42,495**	28,684
Auxiliary materials	**194,003**	148,965
	395,029	226,358

As at 31 December 2022, the allowance for inventories amounted to RMB15,449,000 (2021: RMB6,578,000).

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30. TRADE AND OTHER RECEIVABLES

	31 December 2022 RMB'000	31 December 2021 RMB'000
Trade receivables		
– Third parties	**113,054**	91,905
Less: Allowance for credit loss	**(25,048)**	(13,365)
	88,006	78,540
Other receivables		
– Advances to suppliers	**34,010**	17,431
– Deposits	**3,231**	3,088
– Deposit for resource tax	**12,123**	39,019
– Other tax recoverable	**9,684**	8,675
– Value-added tax recoverable	**13,156**	16,612
– Staff advance	**6,396**	10,663
– Consideration receivable	**–**	5,619
– Prepaid expense	**3,568**	1,000
– Prepayment	**7,384**	7,384
– Amount due from an independent third party (note)	**36,800**	55,000
– Others	**12,194**	14,703
	138,546	179,194
Less: Allowance for credit loss	**(16,131)**	(19,848)
Total other receivables	**122,415**	159,346
Total trade and other receivables	**210,421**	237,886

Note: The amount represents a short-term advance to a Group's major supplier, an independent third party not related to the Group. which will mature in one year and bear fixed interest rate of 2% per annum.

30. TRADE AND OTHER RECEIVABLES *(CONTINUED)*

The Group allows an average credit period of 7 days (2021: 7 days) to its customers of iron ore concentrates, 60 days (2021: 60 days) to its customers of high-purity iron and 30 days (2021: 30 days) to its customers of building materials. However, upon maturity of the credit period and under certain circumstances, the Group would further negotiate with its customers and may consider to extend the repayment date, based on its customer's history of payments and credit quality, on a case-by-case basis.

As at 31 December 2022, included in the Group's trade receivables balance are debtors with aggregate carrying amount of RMB41,702,000 (2021: RMB23,927,000) which are past due as at the reporting date. Out of the past due balances, amount of RMB33,857,000 (2021: RMB8,036,000) has been past due 90 days or more and is not considered as in default because the management of the Group, according to the historical settlement pattern, industry practice and the Group's historical actual loss experience, had assessed that the probability of settlement from their customers is high in respect of those debtors which had been past due over 90 days. The management of the Group considered that the risk of default would became high when those debtors had been past due over 1 year.

The following is an aged analysis of trade receivables, net of allowance for credit loss, presented based on the invoice date.

	31 December 2022 RMB'000	31 December 2021 RMB'000
– Within 7 days	**37,501**	33,434
– 8 days to 30 days	**4,714**	20,022
– 31days to 60 days	**11,291**	6,006
– 61days to 90 days	**643**	4,876
– 91 days to 1 year	**33,537**	7,814
– 1 year to 2 years	**320**	6,388
	88,006	78,540

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30. TRADE AND OTHER RECEIVABLES *(CONTINUED)*

Movement of impairment on trade receivables for the both years under IFRS 9:

	Lifetime ECL not credit-impaired RMB'000	**Lifetime ECL credit-impaired** RMB'000	**Total** RMB'000
As at 1 January 2021	4,193	7,001	11,194
– Impairment losses recognised	1,059	5,036	6,095
– Impairment losses reversed	(3,901)	(23)	(3,924)
– Transfer to credit-impaired	(412)	412	–
As at 31 December 2021	939	12,426	13,365
– Impairment losses recognised	**2,761**	**14,787**	**17,548**
– Impairment losses reversed	**(588)**	**(5,277)**	**(5,865)**
– Transfer to credit-impaired	**(38)**	**38**	**–**
As at 31 December 2022	**3,074**	**21,974**	**25,048**

Movement of allowance for other receivables for the both years under IFRS 9:

	12m ECL RMB'000	**Lifetime ECL not credit–impaired** RMB'000	**Lifetime ECL credit–impaired** RMB'000	**Total** RMB'000
As at 1 January 2021	32	2,779	16,343	19,154
– Impairment losses recognised	161	577	257	995
– Impairment losses reversed	(1)	(300)	–	(301)
As at 31 December 2021	192	3,056	16,600	19,848
– Impairment losses recognised	**–**	**2,811**	**306**	**3,117**
– Impairment losses reversed	**–**	**(8)**	**(1,495)**	**(1,503)**
– Write-off	**–**	**–**	**(5,331)**	**(5,331)**
As at 31 December 2022	**192**	**5,859**	**10,080**	**16,131**

31. RECEIVABLES AT FVTOCI

	31 December 2022 RMB'000	31 December 2021 RMB'000
Receivables at FVTOCI comprise:		
Bills receivables (note)	**114,399**	396,589

Note: Included in the Group's bills receivables are amounts of RMB97,852,000 (2021: RMB114,338,000) being endorsed to certain suppliers for settlement of trade payables on a full recourse basis. If the bills are not paid on maturity, the suppliers have the right to request the Group to pay the unsettled balance. As the Group has not transferred the significant risks and rewards relating to the bills receivables to its suppliers upon endorsement, it continues to recognise the full carrying amount of bills receivables and has recognised the payables from the endorsement of the bills with full recourse. The financial asset is carried at fair value in the consolidated statement of financial position.

Receivables at FVTOCI endorsed to suppliers with full recourse:

	31 December 2022 RMB'000	31 December 2021 RMB'000
Carrying amount of transferred assets	**97,852**	114,338
Carrying amount of associated liabilities	**(97,852)**	(114,338)
Net position	**–**	–

The Group's receivables at FVTOCI were bills receivables with the following maturity.

	31 December 2022 RMB'000	31 December 2021 RMB'000
– Within 6 months	**109,719**	380,660
– 6 months to 1 year	**4,680**	15,929
	114,399	396,589

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32. FINANCIAL ASSETS AT FVTPL

	31 December 2022 RMB'000	31 December 2021 RMB'000
Financial assets at FVTPL:		
Listed investments at fair value (note a)	**2,114**	2,150
Unlisted financial product investments at fair value (note b)	**1,000**	1,000
	3,114	3,150
Analysed for reporting purposes as:		
Current assets	**1,000**	1,000
Non-current assets	**2,114**	2,150
	3,114	3,150

Notes:

(a) As at 31 December 2022, the listed equity investments represent the Group's equity interests in two entities (2021: two entities) listed on the Australian Securities Exchange. The investments are measured at fair value at the end of the reporting period.

(b) The unlisted managed investments represent funds advanced to a licensed financial institution in the PRC with fixed maturity and a variable yield based on underlying investments. The investments are short-term in nature and all will be matured in one year.

33. PLEDGED BANK DEPOSITS AND BANK BALANCES AND CASH

Bank balances and cash of the Group comprise cash and short term bank deposits with an original maturity of three months or less. The bank balances carry variable interest rates ranging from 0.125%- 0.35% (2021: 0.125%- 0.35%) per annum.

As at 31 December 2022, pledged bank deposits of RMB723,417,000 (2021: RMB879,254,000) represent security deposit for issuing bills and bank borrowings which had maturity date ranging from 6 months to 1 year (2021: 6 months to 3 years). The pledged bank deposits carried fixed interest rate of 0.3%-3.8% (2021: 0.35%-3.8%) per annum. The pledged bank deposits will be released upon the settlement of relevant bills and bank borrowings.

The bank balances which are denominated in the United States Dollars ("**USD**"), HKD and Australia Dollars ("**AUD**"), foreign currency of the respective group entities, are as follows:

	31/12/2022 **RMB'000**	31/12/2021 RMB'000
USD	**801**	7,856
HKD	**9,286**	37,858
AUD	**6,961**	8,011

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34. TRADE, BILLS AND OTHER PAYABLES

Payment terms with suppliers are mainly on credit within 90 days and 15 days from the time when the goods are received from suppliers of Iron Ore Business and High-purity Iron Business respectively.

	31 December 2022 RMB'000	31 December 2021 RMB'000
Trade payables (note a)		
– Within 15 days	**75,709**	26,182
– 15 days to 90 days	**26,492**	14,981
– 91 days to 1 year	**56,851**	79,730
– 1 year to 2 years	**1,991**	1,463
– 2 years to 3 years	**1,191**	2,551
– Over 3 years	**3,799**	3,114
	166,033	128,021
Trade payables under supplier finance arrangements (note b)	**770,000**	937,000
Other payables		
Advance receipt of value-added tax from customers	**14,599**	5,971
Other tax payable	**25,614**	32,615
Payable for acquisition of property, plant and equipment	**26,054**	42,376
Outsourced service payable	**13,021**	10,540
Transportation fee payable	**26,294**	17,764
Accrued expense	**413**	5,386
Salary and bonus payables	**15,401**	11,269
Interest payable	**298**	303
Dividend payable	**5,476**	8,659
Refundable deposits	**6,676**	4,642
Amounts due to independent third parties (note c)	**32,500**	33,782
Consideration payable (note d)	**35,200**	100,000
Payable for mining rights (note 39)	**15,000**	15,000
Others	**5,381**	5,232
	221,927	293,539
Total trade, bills and other payables	**1,157,960**	1,358,560

34. TRADE, BILLS AND OTHER PAYABLES *(CONTINUED)*

Notes:

(a) The aged analysis of trade payables was presented based on the date of acceptance of the goods at the end of the reporting period.

(b) These relate to trade payables in which the Group has issued bills to the relevant suppliers for future settlement trade payables. The Group continues to recognise these trade payables as the relevant banks are obliged to make payments only on due dates of the bills, under the same conditions as agreed with the suppliers without further extension. In the consolidated statement of cash flows, settlements of these bills are included within operating cash flows based on the nature of the arrangements.

(c) The balances are unsecured, interest free and repayable on demand.

(d) The balance represented the outstanding guarantee debt due to Beijing Zhuguan Technology Limited* (北京主冠科技有限公司) ("**Beijing Zhuguan**"), ex-equity owner of the subsidiary acquired in 2020.

At the end of both reporting periods, the Group's bills payables were issued by banks with the following maturity.

	31 December 2022 RMB'000	31 December 2021 RMB'000
Within 6 months	**490,000**	318,100
6 months to 1 year	**280,000**	618,900
	770,000	937,000

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35. CONTRACT LIABILITIES

	31 December 2022 RMB'000	31 December 2021 RMB'000
Amounts received in advance on:		
– sales of high-purity iron	**111,146**	40,619
– sales of iron ore concentrates	**124**	5,960
– sales of building materials	**530**	–
	111,800	46,579

The Group may request certain of its customers to place up to 100% of the contract sum as deposit in respect of sales of high-purity iron and iron ore concentrates, depending on the background, historical experience of and business relationship with the Group. The receipt in advance was classified as contract liabilities, accordingly.

As at 1 January 2021, contract liabilities amounted to RMB40,581,000. The following table shows the amount of revenue recognised relates to carried-forward contract liabilities that were satisfied in prior periods.

Revenue recognised that was included in the contract liabilities balance at the beginning of the year:

	Year ended 31 December 2022 RMB'000	Year ended 31 December 2021 RMB'000
Sales of high-purity iron	**40,619**	40,379
Sales of iron ore concentrates	**5,960**	202
	46,579	40,581

36. BORROWINGS

	31 December 2022 RMB'000	31 December 2021 RMB'000
Bank loans	**598,400**	636,663
	598,400	636,663
Secured and guaranteed	**408,500**	421,763
Secured and unguaranteed	**76,900**	104,900
Unsecured and guaranteed	**110,000**	110,000
Unsecured and unguaranteed	**3,000**	–
	598,400	636,663
Fixed-rate	**598,400**	636,663
The carrying amounts of the above borrowings are repayable (note):		
Within one year	**541,400**	514,163
More than one year, but not more than two years	**2,000**	122,500
More than two years, but not more than five years	**55,000**	–
	598,400	636,663

Note:

The amounts are based on scheduled repayment dates set out in the respective loan agreements.

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for the year ended 31 December 2022

36. BORROWINGS *(CONTINUED)*

The ranges of effective interest rate of the Group's interest-bearing borrowings are as follows:

	31 December 2022 %	31 December 2021 %
Fixed-rate borrowings	**3.45 – 8.60**	3.40 – 8.60

The secured and guaranteed bank borrowings were guaranteed by the Controlling Shareholders and the companies controlled by them. Among the secured and guaranteed bank borrowings, RMB122,500,000 (31 December 2021: RMB133,500,000) were secured by certain assets and shares of the companies controlled by the Controlling Shareholders. The remaining secured and guaranteed bank borrowings are secured by certain property, plant and equipment, right-of-use assets and shares of subsidiaries of the Group.

The secured and unguaranteed bank borrowings are secured by pledged bank deposits of the Group.

The unsecured and guaranteed bank borrowings of approximately RMB110,000,000 (2021: RMB110,000,000) at 31 December 2022 were guaranteed by the Controlling Shareholders and the companies controlled by them.

37. PROVISION

	31 December 2022 RMB'000	31 December 2021 RMB'000
Analysed for reporting purposes as:		
Non-current liabilities	**42,880**	44,346

37. PROVISION *(CONTINUED)*

	Rehabilitation RMB'000	Total RMB'000
At 1 January 2022	44,346	44,346
Interests on rehabilitation obligation	1,695	1,695
Payments on rehabilitation obligation	(3,426)	(3,426)
Exchange adjustments	265	265
At 31 December 2022	42,880	42,880

Rehabilitation provision balance represents the provision for environment restoration for Gold Business and Iron Ore Business.

38. LEASE LIABILITIES

	31 December 2022 RMB'000	31 December 2021 RMB'000
Lease liabilities payable:		
Within one year	**4,622**	4,202
Within a period of more than one year but not more than two years	**3,283**	3,363
Within a period of more than two years but not more than five years	**1,870**	1,738
	9,775	9,303
Less: Amount due for settlement with 12 months shown under current liabilities	**(4,622)**	(4,202)
Amount due for settlement after 12 months shown under non-current liabilities	**5,153**	5,101

The weighted average incremental borrowing rates applied to lease liabilities range from 3.00% to 4.35% (2021: from 3.00% to 10.00%).

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39. OTHER LONG-TERM LIABILITIES

	31 December 2022 RMB'000	31 December 2021 RMB'000
Payables for purchase of mining rights (note)	**35,000**	50,000
Less: amount due within one year (note 34)	**(15,000)**	(15,000)
	20,000	35,000

Note:

It represents payables to a government authority for purchase of mining rights of RMB35,000,000 (2021: RMB50,000,000), which was repayable by four equal instalments per annum (2021: four equal instalments per annum).

The amount due within one year of RMB15,000,000 is included in other payables set out in note 34.

40. SHARE CAPITAL

Details of movement in share capital of the Company are as follows:

	Number of shares		**Share capital**	
	2022 '000	2021 '000	**2022 HKD'000**	2021 HKD'000
Ordinary shares of HKD0.1 each				
Authorised				
At 1 January and 31 December	**10,000,000**	10,000,000	**1,000,000**	1,000,000

	Number of shares		**Share capital**	
	2022 '000	2021 '000	**2022 RMB'000**	2021 RMB'000
Issued and fully paid				
At 1 January and 31 December	**1,960,000**	1,960,000	**160,203**	160,203

41. PARTICULARS OF PRINCIPAL SUBSIDIARIES OF THE COMPANY

General information of subsidiaries

Details of the Group's subsidiaries as at 31 December 2022 and 2021 are set out below.

Name of subsidiaries	Principal activities	Place of incorporation/ registration and operations	Issued and fully paid up share capital/ registered capital	Proportion of ownership interest and voting power held by the Group		Notes
				31 December 2022	31 December 2021	
Directly held:						
China Hanking Investment Limited	Investment holding	BVI	Ordinary shares USD1	**100.00%**	100.00%	
Hanking Australia	Investment holding	Australia	Ordinary shares AUD42,000,000	**94.00%**	94.00%	
Tuochuan (Hong Kong)	Investment holding	Hong Kong	Ordinary shares HKD1	**100.00%**	100.00%	
Emerald Planet	Investment holding	BVI	Ordinary shares USD1	**100.00%**	100.00%	
Indirectly held:						
China Hanking (Hong Kong) Limited	Investment holding	Hong Kong	Ordinary shares HKD1	**100.00%**	100.00%	
China Hanking (BVI) International Limited	Investment holding	BVI	Ordinary shares USD1	**100.00%**	100.00%	
Shenyang Toyo Steel	Sales of iron ore mining products	PRC	Registered and paid-in capital USD84,000,000	**100.00%**	100.00%	b

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41. PARTICULARS OF PRINCIPAL SUBSIDIARIES OF THE COMPANY *(CONTINUED)*

General information of subsidiaries *(continued)*

Name of subsidiaries	Principal activities	Place of incorporation/ registration and operations	Issued and fully paid up share capital/ registered capital	Proportion of ownership interest and voting power held by the Group 31 December 2022	31 December 2021	Notes
Shenyang Yuanzheng Industry Co., Ltd* (瀋陽元正實業有限公司)	Sales of iron ore mining products	PRC	Registered and paid-in capital RMB5,000,000	**100.00%**	100.00%	a
Aoniu Mining	Sales of iron ore mining products	PRC	Registered and paid-in capital RMB100,000,000	**100.00%**	100.00%	a
Maogong Mining	Sales of iron ore mining products	PRC	Registered and paid-in capital RMB5,000,000	**100.00%**	100.00%	a
Fushun Hanking Forest Farm Co., Ltd.* (撫順罕王林場有限公司)	Sales of agricultural and forestry products	PRC	Registered and paid-in capital RMB500,000	**100.00%**	100.00%	a
HGM Resources Pty Ltd	Sales of gold mining products	Australia	Ordinary shares AUD100	**94.00%**	94.00%	
PGO	Sales of gold mining products	Australia	Ordinary shares AUD27,527,000	**94.00%**	94.00%	
Primary Minerals Pty Ltd	Sales of gold mining products	Australia	Ordinary shares AUD1,563,000	**94.00%**	94.00%	
Liaoning Hanking Environmental protection and Technology Co., Ltd* (遼寧罕王環保科技有限公司)	Manufacture and sales of green building materials	PRC	Registered capital RMB70,000,000	**100.00%**	100.00%	a

41. PARTICULARS OF PRINCIPAL SUBSIDIARIES OF THE COMPANY *(CONTINUED)*

General information of subsidiaries *(continued)*

Name of subsidiaries	Principal activities	Place of incorporation/ registration and operations	Issued and fully paid up share capital/ registered capital	Proportion of ownership interest and voting power held by the Group 31 December 2022	31 December 2021	Notes
Guangdong Hanking Shihetao Green Building Materials Technology. Co., Ltd.* (廣東罕王石和陶綠色建材科技有限公司)	Manufacture and sales of green building materials	PRC	Registered capital RMB10,000,000	**60.00%**	60.00%	a
Shanghai Tuoao	Investment holding	PRC	Registered capital RMB178,700,000	**100.00%**	100.00%	a
Ginseng & Iron .	Sales of high-purity iron	PRC	Registered capital RMB56,090,000	**100.00%**	100.00%	c
Hanking D.R.I.	Manufacture and sales of high-purity iron	PRC	Registered capital RMB400,000,000	**100.00%**	100.00%	a
Zhenghai Investment Limited	Investment holding	BVI	Ordinary shares USD1	**100.00%**	100.00%	
Chongqing Hanking Xixiwei Building Materials. Co., Ltd.* (重慶罕王西西韋建材有限公司)	Manufacture and sales of green building materials	PRC	Registered capital RMB2,000,000	**70.00%**	70.00%	a
Shandong Hanking Bangkai Green Building Materials Co., Ltd* (山東罕王邦凱綠色建材有限公司)	Manufacture and sales of green building materials	PRC	Registered capital RMB30,000,000	**100.00%**	100.00%	a

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41. PARTICULARS OF PRINCIPAL SUBSIDIARIES OF THE COMPANY *(CONTINUED)*

General information of subsidiaries *(continued)*

Name of subsidiaries	Principal activities	Place of incorporation/ registration and operations	Issued and fully paid up share capital/ registered capital	Proportion of ownership interest and voting power held by the Group 31 December 2022	31 December 2021	Notes
Fushun Deshan Cuigu Culture Tourism development Co., Ltd.* (撫順德山翠穀文化旅遊開發有限公司)	Travel and accommodation service	PRC	Registered capital RMB50,000,000	**100.00%**	100.00%	a
Yuqilin Industry Limited	Investment holding	Hong Kong	Ordinary shares HKD1	**100.00%**	100.00%	
Beijing Yuqilin Technology Co., Ltd.* (北京玉麒麟科技有限公司)	Technical development and technical consultation	PRC	Registered capital USD500,000	**100.00%**	100.00%	b
Benxi Yuqilin New Material Limited (本溪玉麒麟新材料有限公司)	Manufacture and sales of high-purity iron	PRC	Registered capital RMB100,000,000	**100.00%**	100.00%	a
Beijing Wanfu Xin'an	Leasing service	PRC	Registered capital RMB500,000	**100.00%**	100.00%	a

Notes:

(a) The companies are limited liability companies.

(b) The companies are wholly owned foreign enterprises.

(c) The company is a foreign invested enterprise.

The above table lists the subsidiaries of the Company which, in the opinion of the Directors, principally affected the results or assets of the Group. To give details of other subsidiaries would, in the opinion of the Directors, result in particulars of excessive length.

None of the subsidiaries had issued any debt securities as at the end of the year.

* English name is for identification purpose only.

42. SHARE-BASED PAYMENTS

The share option scheme of Hanking Australia was adopted on 25 January 2019. The scheme is designed to recognise the contributions of selected key persons (including the employees and directors of Hanking Australia and its related body corporates, and any person who was determined by the board of directors of Hanking Australia to be a key person when issuing or granting the options) to the Company, and provide an incentive for and to motivate them to remain in their employments with the Company.

The scheme mandate limit is 10% of the shares of Hanking Australia in issue on the date the scheme was adopted. The scheme shall be valid and effective for a period of 48 months from the date of adoption. The maximum number of shares of Hanking Australia to be issued upon the exercise of options that may be granted under the scheme is 21,000,000 shares. The scheme will be expired on 25 January 2023.

The table below discloses movement of the Hanking Australia share options held by the Group's employees:

	Options to subscribe for HAI Shares				
Category and name of grantees	**Outstanding at 1 January 2022**	**Granted during the year**	**Outstanding at 31 December 2022**	**Exercise price per HAI Share AUD**	**Date of grant**
Director of Hanking Australia					
Dr. Qiu Yumin	–	4,200,000	4,200,000	0.2	29 August 2022
Employees of Hanking Australia	2,950,000		2,950,000	0.286	27 April 2020
	1,000,000		1,000,000	0.3	27 April 2020
	1,800,000		1,800,000	0.39	10 December 2020
	–	1,300,000	1,300,000	0.429	6 July 2022
Sub-total	5,750,000	1,300,000	7,050,000		
Total	**5,750,000**	**5,500,000**	**11,250,000**		

On 27 April 2020 and 10 December 2020, Hanking Australia granted 3,950,000 and 1,800,000 options (the "**Options**") to subscribe for 3,950,000 and 1,800,000 shares in the share capital of Hanking Australia to certain employees of Hanking Australia. The options have vesting period of 4 years and will vest and become exercisable on the occurrence of certain vesting events. The fair value of the options determined at the date of grant using the Black-Scholes option pricing model, taking into account the terms and conditions upon which the options were granted. On 6 July 2022, Hanking Australia granted 1,300,000 options (the "**Options**") to subscribe for 1,300,000 shares in the share capital of Hanking Australia to certain employees of Hanking Australia. On 29 August 2022, Hanking Australia has conditionally granted to Dr. Qiu a total of 4,200,000 options to subscribe for an aggregate of 4,200,000 shares. During the year ended 31 December 2022, the Group recognised a share-based payment expense of AUD305,000 (equivalent to RMB1,467,000) (2021: AUD180,000 (equivalent to RMB788,000)).

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42. SHARE-BASED PAYMENTS *(CONTINUED)*

The following assumptions were used to calculate the fair value of the Options:

	6 July 2022	29 August 2022
Exercise price	**AUD0.429**	AUD0.2
Exercise life	**4 years**	4 years
Expected volatility	**1.7366**	1.7445
Risk-free interest rate	**3.16%**	3.16%

The Black-Scholes option pricing model has been used to estimate the fair value of the options. The variables and assumptions used in computing the fair value of the share options are based on the directors' best estimate. Changes in variables and assumptions may result in changes in the fair value of the options.

43. RESTRICTED SHARES HELD FOR STRATEGIC INCENTIVE AWARD SCHEME

On 29 August 2019, the Board resolved to adopt a restricted share award scheme (the "**Scheme**") whereby awards of ordinary shares (the "**Shares**") of the Company may be made to eligible participants (the "**Selected Participants**"), pursuant to which existing ordinary shares of the Company will be purchased by a trustee from the market out of cash contributed by the Group and be held in trust for the relevant Selected Participants until such Shares are vested with the relevant Selected Participants in accordance with the provisions of the Scheme.

The Scheme shall be effective from 29 August 2019 and shall continue in full force and effect for a term of 10 years or until such date of early termination as determined by the Board, whichever is the earlier, after which period no further award shares shall be granted or accepted, but the provisions of the Scheme shall remain in full force and effect in order to give effect to the vesting of award shares granted and accepted prior to the expiration or termination of the Scheme.

From March to December 2022 (From April to December 2021), the trustee of the Company's Scheme purchased on the Stock Exchange a total of 7,174,000 (2021: 8,293,000) ordinary shares at a total consideration of approximately RMB5,641,000 (2021: RMB9,567,000) pursuant to the terms of the trust deed under the Scheme.

As at 31 December 2022, no award shares have been granted to any Selected Participants pursuant to the Scheme.

44. RETIREMENT BENEFIT PLANS

The employees of the Group in the PRC are members of a state-managed retirement benefits scheme operated by the PRC government. The Group is required to contribute a specified percentage of its payroll costs to the retirement benefits scheme to fund the benefits. The only obligation of the Group with respect to the retirement benefits scheme is to make the specified contributions under the scheme.

The Group made contributions to the retirement benefit schemes of RMB12,814,000 for the year ended 31 December 2022 (2021: RMB12,102,000).

45. CAPITAL COMMITMENTS

	31/12/2022	31/12/2021
	RMB'000	RMB'000
Capital expenditure in respect of acquisition of property, plant and equipment contracted for but not provided in the consolidated financial statements	**3,840**	45,848

46. PLEDGE OF ASSETS

At the end of the reporting periods, the Group has pledged certain assets as securities for obtaining the bank borrowings and issuing bills. Details of the pledged assets and the corresponding carrying amounts are set out below:

	Carrying amounts	
	31/12/2022	31/12/2021
	RMB'000	RMB'000
Pledged bank deposits	**723,417**	879,254
Right-of-use assets	**9,095**	5,525
Property, plant and equipment	**39,531**	43,784
Mining rights	**60,031**	–

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47. CAPITAL RISK MANAGEMENT

The Group manages its capital to ensure that the group entities will be able to continue as a going concern while maximising the return to shareholders through the optimisation of the debt and equity balances. The Group's overall strategy remains unchanged from prior year.

The capital structure of the Group consists of net debt, which includes borrowings, amount due to a related party and lease liabilities disclosed in notes 36, 50 and 38, respectively, net of bank balances and cash and equity which includes share capital and reserves.

The management of the Group reviews the capital structure on an annual basis. As part of this review, the management considers the cost of capital and the risks associated with each class of capital and will balance its overall structure through the payment of dividends, issue of capital as well as the issue of new debt or the redemption of existing debt.

48. FINANCIAL INSTRUMENTS

(a) Categories of financial instruments

	31/12/2022 **RMB'000**	31/12/2021 RMB'000
Financial assets		
Financial assets at amortised cost (including cash and cash equivalents)	**1,018,333**	1,339,503
Receivables at FVTOCI	**114,399**	396,589
Financial assets at FVTPL	**3,114**	3,150
	1,135,846	1,739,242
Financial liabilities		
Financial liabilities measured at amortised cost	**1,788,070**	1,986,250

48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(b) Financial risk management objectives and policies

The Group's major financial assets and liabilities include restricted deposits, trade and other receivables, amount due from a related party, receivables at FVTOCI, pledged bank deposits, bank balances, financial assets at FVTPL, trade, bills and other payables, amount due to a related party, borrowings, lease liabilities and other long-term liabilities. Details of these financial instruments are disclosed in respective notes. The risks associated with these financial instruments and the policies on how to mitigate these risks are set out below. The management manages and monitors these exposures to ensure appropriate measures are implemented on a timely and effective manner.

The Group's activities expose it primarily to the market risks (including currency risk, interest rate risk and other price risk), credit risk and liquidity risk. There has been no change to the Group's exposure to these risks or the manner in which it manages and measures the risks. In addition, the Company has intra-group balances with several subsidiaries denominated in foreign currency which also expose the Group to foreign currency risk.

Market risk

(i) Currency risk

The Group has bank balances, trade and other receivables and trade and other payables denominated in USD and HKD, which expose the Group to foreign currency risk.

The carrying amounts of the Group's foreign currency denominated monetary assets and monetary liabilities at the end of the reporting periods are as follows:

	USD	
	Assets	**Liabilities**
	RMB'000	RMB'000
As at 31 December 2022	801	–
As at 31 December 2021	7,856	–

	HKD	
	Assets	**Liabilities**
	RMB'000	RMB'000
As at 31 December 2022	9,397	770
As at 31 December 2021	38,142	43

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48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(b) Financial risk management objectives and policies *(continued)*

Market risk *(continued)*

(i) Currency risk *(continued)*

The Group currently does not have a foreign exchange hedging policy. However, the management of the Group monitors foreign exchange exposure and will consider hedging significant foreign exchange exposure should the need arises.

Sensitivity analysis

The following table details the Group's sensitivity to a 10% (2021: 10%) increase and decrease in RMB against HKD (2021: HKD), 10% (2021: 10%) is the sensitivity rate used when reporting foreign currency risk internally to key management personnel and represents management's assessment of the reasonably possible change in foreign exchange rate. The sensitivity analysis includes only outstanding foreign currency denominated monetary items, and adjusts their translation at the end of the reporting period for a 10% (2021: 10%) change in foreign currency rate. A positive number below indicates a decrease in post-tax loss (2021: an increase in post-tax profit) where HKD strengthen 10% (2021: 10%) against RMB (2021: RMB). For a 10% (2021: 10%) weakening of HKD against RMB (2021: RMB), there would be an equal and opposite impact on the post-tax loss (2021: post-tax profit) and the balances below would be negative. For the current year, the impact of USD (2021: USD) is not presented, since the outstanding monetary items denominated in USD (2021: USD) are not significant and their impact is immaterial.

	HKD impact 2022 RMB'000	HKD impact 2021 RMB'000
Profit or loss	**863**	3,810

In the management's opinion, the sensitivity analysis is unrepresentative of the inherent foreign exchange risk as the year end exposure does not reflect the exposure during the year.

48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(b) Financial risk management objectives and policies *(continued)*

Market risk *(continued)*

(ii) Interest rate risk

The Group is exposed to fair value interest rate risk mainly from its pledged bank deposits, lease liabilities and fixed-rate borrowings. The Group currently does not have an interest rate hedging policy. However, the management monitors interest rate exposure and will consider hedging significant interest rate exposure should the need arise.

Total interest income from financial assets that are measured at amortised cost is as follows:

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Other income:		
Financial assets at amortised cost	**18,000**	12,722

Interest expense on financial liabilities not measured at FVTPL:

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Financial liabilities at amortised cost	**66,790**	76,929

(iii) Other price risk

The Group is exposed to other price risk in respect of its investments in unlisted managed investment funds and listed equity securities measured at FVTPL (2021: unlisted managed investment funds and listed equity securities measured at FVTPL).

The fair value adjustment in listed equity securities and unlisted managed investment funds will be affected either positively or negatively, amongst others, by the changes in the expected yield of the investments. No sensitivity analysis of other price risk in respect of listed equity securities and unlisted managed investment fund has been prepared as the management estimates the actual yield would not significantly deviate from the expected yield.

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48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(b) Financial risk management objectives and policies *(continued)*

Credit risk

Credit risk and impairment assessment

As at 31 December 2022 and 2021, the Group's maximum exposure to credit risk in the event of the counterparties failure to perform their obligations in relation to each class of recognised financial assets measured at amortised cost and FVTOCI is the carrying amounts of those assets stated in the consolidated statement of financial position.

The Group does not hold any collateral or other credit enhancements to cover its credit risks associated with its financial assets.

The Group's credit risk is primarily attributable to its trade and other receivables, receivables at FVTOCI, pledged bank deposits, restricted deposits, investment deposit, bank balances and cash. In order to minimise the credit risk, the Group's management continuously monitors the level of exposure to ensure that follow-up action is taken to recover overdue debts. In addition, the Group reviews the recoverable amount of each individual debt at the end of each reporting period to ensure that adequate impairment losses are made for irrecoverable amounts. In this regard, the Directors consider that the Group's credit risk is significantly reduced.

Trade receivables

In order to minimise the credit risk, the Directors have delegated a team responsible for determination of credit limits and credit approvals. Before accepting any new customer, the Group uses an internal credit scoring system to assess the potential customer's credit quality and defines credit limits by customer. Limits and scoring attributed to customers are reviewed twice a year. Other monitoring procedures are in place to ensure that follow-up actions are taken to recover overdue debts. In addition, the Group performs impairment assessment under ECL model on trade balances individually. In this regard, the Directors consider that the Group's credit risk is significantly reduced.

As at 31 December 2022 included in the Group's trade receivables balance are debtors with aggregate carrying amount of RMB41,702,000 (2021: RMB23,927,000) which are past due as at the reporting date. Out of the past due balances, amount of RMB33,857,000 (2021: RMB8,036,000) has been past due over 90 days, which is not considered as in default because the management of the Group, according to the historical settlement pattern, industry practice and the Group's historical actual loss experience, had assessed that the probability of settlement from their customers was high in respect of those debtors which had been past due over 90 days. The management of the Group considered that the risk of default became high and defaulted when those debtors had been past due over 1 year.

During the year ended 31 December 2022, the Group recognised impairment allowance of RMB11,683,000 (2021: recognised impairment allowance of RMB2,171,000) for trade receivables, based on the individual analysis.

48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(b) Financial risk management objectives and policies *(continued)*

Credit risk *(continued)*

Other receivables and receivables at FVTOCI

For other receivables and receivables at FVTOCI, the Group has applied the general approach in IFRS 9 to measure the loss allowance approximate to such at 12m ECL, unless there has been a significant increase in credit risk since initial recognition, in which case the Group recognises lifetime ECL. The ECL on these items are assessed individually, estimated based on historical credit loss experience on the past default experience of the debtor, general economic conditions of the industry in which the debtors operate and an assessment of both the current as well as the forecast direction of conditions at the reporting date.

Restricted deposits, pledged deposits, Investment deposits and bank balances

The restricted deposits, pledged bank deposits, investment deposit and bank balances are determined to have low risk at the end of reporting period. The credit risk on restricted deposits, pledged bank deposits, investment deposit and bank balances is limited because the counterparties are reputable banks and the risk of inability to pay or redeem at the due date is low.

In order to minimise credit risk, the Group has tasked its valuation committee to develop and maintain the Group's credit risk gradings to categorise exposures according to their degree of risk of default.

The credit rating information is supplied by independent rating agencies where available and, if not available, the valuation committee uses other publicly available financial information and the Group's own trading records to rate its major customers and other debtors. The Group's exposure and the credit ratings of its counterparties are continuously monitored and the aggregate value of transactions concluded is spread amongst approved counterparties.

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48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(b) Financial risk management objectives and policies *(continued)*

Credit risk *(continued)*

Restricted deposits, pledged deposits, Investment deposits and bank balances *(continued)*

The Group's internal credit risk grading assessment comprises the following categories:

Internal credit rating	Description	Trade receivables	Other financial/ assets/other items
Low risk	The counterparty has a low risk of default and does not have any past-due amounts	Lifetime ECL – not credit-impaired	12m ECL
Watch list	Debtor frequently repays after due dates but usually settle after due date	Lifetime ECL – not credit-impaired	12m ECL
Doubtful	There have been significant increases in credit risk since initial recognition through information developed internally or external resources	Lifetime ECL – not credit-impaired	Lifetime ECL – not credit–impaired
Loss	There is evidence indicating the asset is credit- impaired	Lifetime ECL – credit-impaired	Lifetime ECL – credit–impaired
Write-off	There is evidence indicating that the debtor is in severe financial difficulty and the Group has no realistic prospect of recovery	Amount is written off	Amount is written off

48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(b) Financial risk management objectives and policies *(continued)*

Credit risk *(continued)*

The following table details the risk profile of the Group's financial assets which are subject to ECL assessment:

As at 31 December 2022

	Internal credit rating				
	Low risk	**Watch list**	**Doubtful**	**Loss**	**Total**
Total gross carrying amount (RMB'000)					
– trade receivables	**57,707**	**33,914**	**649**	**20,784**	**113,054**
– other receivables	**10,256**	**35,196**	**–**	**6,773**	**52,225**
– receivables at FVTOCI	**114,399**	**–**	**–**	**–**	**114,399**
– pledged bank deposits	**723,417**	**–**	**–**	**–**	**723,417**
– restricted deposits	**36,405**	**–**	**–**	**–**	**36,405**
– bank balances	**134,411**	**–**	**–**	**–**	**134,411**
	1,076,595	**69,110**	**649**	**27,557**	**1,173,911**

As at 31 December 2021

	Internal credit rating				
	Low risk	Watch list	Doubtful	Loss	Total
Total gross carrying amount (RMB'000)					
– trade receivables	74,594	523	10,065	6,723	91,905
– other receivables	65,440	16	550	18,470	84,476
– receivables at FVTOCI	396,589	–	–	–	396,589
– pledged bank deposits	879,254	–	–	–	879,254
– restricted deposits	37,590	–	–	–	37,590
– bank balances	279,491	–	–	–	279,491
	1,732,958	539	10,615	25,193	1,769,305

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48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(b) Financial risk management objectives and policies *(continued)*

Credit risk *(continued)*

The Group writes off a trade receivable when there is information indicating that the debtor is in severe financial difficulty and there is no realistic prospect of recovery, e.g. when the debtor has been placed under liquidation or has entered into bankruptcy proceedings, or when the trade receivables are over two years past due, whichever occurs earlier. None of the trade receivables that have been written off is subject to enforcement activities.

The Group has concentration of credit risk in relation to its trade receivables as follows:

	As at 31/12/2022	As at 31/12/2021
Amount due from the largest debtor as a percentage to trade receivables	**35.65%**	24.37%
Total amounts due from the five largest debtors as a percentage to trade receivables	**68.80%**	69.95%

The Group keeps exploring new customers to diversify and strengthen its customer base to reduce the concentration of credit risk.

The Group managed its concentration of credit risk so as to spread over to various customers. In order to minimise the credit risk, the Directors continuously monitor the level of exposure to ensure that follow-up actions and/or corrective actions are taken promptly to lower exposure or even to recover the overdue debts.

The Group has concentration of credit risk on liquid funds which are deposited with several banks. However, the credit risk on bank balances is limited because the majority of the counterparties are banks with good reputation and/or good credit rating.

Other than the above, the Group does not have significant concentration of credit risk.

48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(b) Financial risk management objectives and policies *(continued)*

Liquidity risk

The Directors have built an appropriate liquidity risk management framework for the management of the Group's short-term and long-term funding and liquidity management requirements. The Group manages liquidity risk by closely and continuously monitoring the Group's consolidated financial position. The Directors maintain the sufficiency of cash flows with availability of unutilised banking facilities and internally generated funds. The Directors also review the forecasted cash flows on an on-going basis to ensure that the Group will be able to meet its financial obligations falling due and have sufficient capital for operation and expansion. Maturity of financial obligations will be re-negotiated with banks and changes on capital expansion plan will be made should the need arise.

The following tables detail the remaining contractual maturity for its non-derivative financial liabilities based on the agreed repayment terms. The table has been drawn up based on the undiscounted cash flows, include both principal and interest, on non-derivative financial liabilities based on the earliest date in which the Group can be required to pay.

The table includes both interest and principal cash flows. To the extent that interest flows are floating rate, the undiscounted amount is derived from interest rate curve at the end of the reporting period.

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48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(b) Financial risk management objectives and policies *(continued)*

Liquidity risk *(continued)*

Liquidity tables

	Weighted average interest rate	On demand or less than 3 months	3 months to 1 year	1 year to 2 years	>2 years	Total undiscounted cash flows	Carrying amount
	%	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
As at 31 December 2022							
Trade and other payables	–	326,457	–	–	–	326,457	326,457
Bills payables	–	490,000	280,000	–	–	770,000	770,000
Borrowings – fixed rate	6.21	68,563	477,744	61,058	721	608,086	598,400
Amount due to a related party	–	63,438	–	–	–	63,438	63,438
Lease liabilities	4.00	1,839	2,839	3,347	2,259	10,284	9,775
Other long-term liabilities	–	–	–	10,000	10,000	20,000	20,000
		950,297	760,583	74,405	12,980	1,798,265	1,788,070
As at 31 December 2021							
Trade and other payables	–	357,660	–	–	–	357,660	357,660
Bills payables	–	937,000	–	–	–	937,000	937,000
Borrowings – fixed rate	6.75	174,010	484,374	4,589	–	662,973	636,663
Amount due to a related party	–	10,624	–	–	–	10,624	10,624
Lease liabilities	2.57	1,406	3,090	2,657	2,889	10,042	9,303
Other long-term liabilities	–	–	–	15,000	20,000	35,000	35,000
		1,480,700	487,464	22,246	22,889	2,013,299	1,986,250

48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(c) Fair value measurements of financial instruments

This note provides information about how the Group determines fair values of various financial assets and financial liabilities.

Fair value of the Group's financial assets that are measured at fair value on a recurring basis

The following financial assets of the Group are measured at fair value at the end of each reporting period. The following table gives information about how the fair values of these financial assets are determined (in particular, the valuation technique(s) and inputs used).

Financial assets	Fair value as at		Fair value hierarchy	Valuation technique(s) and key input(s)	Significant unobservable input(s)
	31/12/2022	31/12/2021			
Listed equity investments classified as financial assets at FVTPL	**Listed equity securities in Australia: RMB2,114,000**	Listed equity securities in Australia: RMB2,150,000	Level 1	Quoted bid prices in an active market.	N/A
Unlisted managed investment funds classified as financial assets at FVTPL	**Unlisted managed investment funds in the PRC: RMB1,000,000**	Unlisted managed investment funds in the PRC: RMB1,000,000	Level 2	Discounted cash flow was used to capture the present value of the expected future economic benefit that will flow to the Group.	N/A
Receivables at FVTOCI	**Receivables at FVTOCI in the PRC: RMB114,399,000**	Receivables at FVTOCI in the PRC: RMB396,589,000	Level 2	Income approach – in this approach, the discounted cash flow method was used to capture the present value of the cash flows to be derived from the receivables using the discount rate that reflected the credit risk of the corresponding banks which are observable.	N/A

There was no transfer between Level 1 and 2 during the current year.

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48. FINANCIAL INSTRUMENTS *(CONTINUED)*

(c) Fair value measurements of financial instruments *(continued)*

Fair value of the Group's financial assets and liabilities that are not measured at fair value on a recurring basis

The fair value of financial assets and financial liabilities measured at amortised cost are determined by discounted cash flow method.

The Directors consider that the carrying amount of financial assets and financial liabilities measured at amortised cost in the consolidated financial statements approximates their fair value.

Fair value measurements and valuation processes

The Board has set up a valuation committee, which is headed up by the CFO of the Company, to determine the appropriate valuation techniques and inputs for fair value measurements.

In estimating the fair value of an asset or a liability, the Group uses market-observable data to the extent it is available. The valuation committee works closely with the qualified external valuers to establish the appropriate valuation techniques and inputs to the model. The CFO reports the valuation committee's findings to the Board every quarter to explain the cause of fluctuations in the fair value of the assets and liabilities.

Information about the valuation techniques and inputs used in determining the fair value of various assets and liabilities are disclosed above.

49. RECONCILIATION OF LIABILITIES ARISING FROM FINANCING ACTIVITIES

The table below details changes in the Group's liabilities arising from financing activities, including both cash and non-cash changes. Liabilities arising from financing activities are those for which cash flows were, or future cash flows will be, classified in the Group's consolidated statement of cash flows as cash flows from financing activities.

	Borrowings	Dividend payable	Interest payable	Amount due to a related party	Lease liabilities	Amount due to third parties	Total
	Note 36	Note 34	Note 34	Note 50	Note 38		
	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
At 1 January 2021	(733,763)	–	(1,525)	(10,996)	(10,108)	(16,697)	(773,089)
Financing cash outflow	97,100	215,343	77,715	372	4,643	16,697	411,870
Non-cash changes:							
Interests expenses	–	–	(76,493)	–	(436)	–	(76,929)
Dividend declared	–	(224,002)	–	–	–	–	(224,002)
Purchase of right of use assets	–	–	–	–	(3,402)	–	(3,402)
At 31 December 2021	(636,663)	(8,659)	(303)	(10,624)	(9,303)	–	(665,552)
Financing cash outflow (inflow)	38,263	237,929	66,572	(52,814)	3,298	–	293,248
Non-cash changes:							
Interests expenses	–	–	(66,567)	–	(223)	–	(66,790)
Dividend declared	–	(234,746)	–	–	–	–	(234,746)
Purchase of right of use assets	–	–	–	–	(3,547)	–	(3,547)
At 31 December 2022	**(598,400)**	**(5,476)**	**(298)**	**(63,438)**	**(9,775)**	**–**	**(677,387)**

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50. RELATED PARTY TRANSACTIONS

(a) Related party transactions

During the year, save as disclosed elsewhere in the consolidated financial statements, the Group had the following related party transactions:

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Purchases of goods from:		
Fushun Hanking Casting and Forging Co., Ltd. * (撫順罕王重工鑄鍛有限公司) (note a)	**–**	1,796
Interest expense on lease liabilities:		
Shenyang Shengtai Property Management Co., Ltd.* (瀋陽盛泰物業管理有限公司) ("**Shenyang Shengtai**") (note c)	**31**	133
Property fee:		
Shenyang Shengtai	**843**	729
Rental income:		
Beijing Heyan (note e)	**1,200**	–
Share-based payment transaction granted to:		
Dr.Qiu	**486**	–

50. RELATED PARTY TRANSACTIONS *(CONTINUED)*

(b) Lease liabilities

	31 December 2022 RMB'000	31 December 2021 RMB'000
Shenyang Shengtai	**5,336**	1,498

(c) Amount due to a related party

	31 December 2022 RMB'000	31 December 2021 RMB'000
Hanking Investment (note b)	**63,438**	10,624

* English name is for identification purpose only.

(d) Amount due from a related party

	31 December 2022 RMB'000	31 December 2021 RMB'000
Best Fate Limited ("**Best Fate**") (note d)	**7,283**	5,619

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50. RELATED PARTY TRANSACTIONS *(CONTINUED)*

(d) Amount due from a related party *(continued)*

Notes:

(a) The company is a related party which is controlled by Ms. Yang Min, one of the Controlling Shareholders of the Company.

(b) Hanking Investment is controlled by Mr. Yang Jiye, one of the Controlling Shareholders of the Company. At the end of 31 December 2022, amounts due to Hanking Investment is unsecured, interest free and repayable on demand.

(c) On 20 December 2022, the Group renewed the lease agreements for the use of business operation with Shenyang Shengtai for 3 years. The Group has recognised an addition of right-of-use assets and lease liabilities of RMB5,336,000.

(d) On 17 December 2018, the Company entered into an agreement with Best Fate, pursuant to which the Company agreed to transfer 3% shares of Hanking Australia to Best Fate at the consideration of AUD1,260,000 (equivalent to approximately RMB5,619,000), which is also the maximum balance outstanding during the year. The beneficial owners of Best Fate are the executive directors of the Company and/or directors of Hanking Australia. A supplementary agreement was signed to extend the term of payment for another three years commencing from 1 January 2022. Accordingly, the amount was classified to non-current assets during the current year.

(e) Mr. Yang Jiye, one of the Controlling Shareholders of the Company, has significant influence over Beijing Heyan.

(f) Borrowings guaranteed by related parties were disclosed in note 36. Trade payables to related parties are disclosed in note 34, respectively.

(g) The remuneration of key management personnel which represents the executive Directors and key executives of the Group during the year was as follows:

	Year ended 31/12/2022 RMB'000	Year ended 31/12/2021 RMB'000
Retirement benefit scheme contributions	**876**	787
Salaries, bonus and other allowances	**10,327**	9,076
	11,203	9,863

51. STATEMENT OF FINANCIAL POSITION AND RESERVES OF THE COMPANY

	31/12/2022 RMB'000	31/12/2021 RMB'000
Non-current Assets		
Property, plant and equipment	**4**	4
Interests in subsidiaries (note)	**2,306,545**	2,224,963
	2,306,549	2,224,967
Current Assets		
Other receivables	**14,777**	13,606
Bank balances and cash	**9,806**	47,443
Amount due from related parties	**3,000**	–
	27,583	61,049
Current Liabilities		
Amount due to subsidiaries	**2,206,254**	1,941,062
Tax liability	**3,800**	–
	2,210,054	1,941,062
Net Current Liabilities	**(2,182,471)**	(1,880,013)
Total Assets less Current Liabilities	**124,078**	344,954
Capital and Reserves		
Share capital (note 40)	**160,203**	160,203
Reserves	**(36,125)**	184,751
Total equity	**124,078**	344,954
	124,078	344,954

Note: As of 31 December 2022 and 2021, the Company had investment of one ordinary share of USD1 each in China Hanking Investment Limited.

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51. STATEMENT OF FINANCIAL POSITION AND RESERVES OF THE COMPANY *(CONTINUED)*

Movement in the Company's reserves

	Restricted shares held for the Scheme RMB'000	Share premium RMB'000	Special reserve (Note) RMB'000	Retained earnings (Accumulated losses) RMB'000	Total RMB'000
At 1 January 2021	(23,606)	342,158	(48,744)	(134,506)	135,302
Profit and total comprehensive income for the year	–	–	–	283,018	283,018
Dividend paid	–	–	–	(224,002)	(224,002)
Purchase of ordinary shares pursuant to the Scheme	(9,567)	–	–	–	(9,567)
At 31 December 2021	(33,173)	342,158	(48,744)	(75,490)	184,751
Profit and total comprehensive income for the year	–	–	–	19,511	19,511
Dividend paid	–	–	–	(234,746)	(234,746)
Purchase of ordinary shares pursuant to the Scheme	(5,641)	–	–	–	(5,641)
At 31 December 2022	**(38,814)**	**342,158**	**(48,744)**	**(290,705)**	**(36,125)**

Note: Special reserve mainly represented the distribution to the then equity shareholders at the time when the Company undergone business combination involving entities under common control in 2013 and the deemed capital contribution arising from the gain on disposal in respect of Hanking (Indonesia).

52. MAJOR NON-CASH TRANSACTION

There were no significant non-cash transactions carried out in the current year.

53. EVENT AFTER THE REPORTING PERIOD

Save as disclosed in the report, there were no other significant events taken place subsequent to the end of the year ended 31 December 2022.

DEFINITIONS

"Aoniu Mine"	located at Hou'an Town, Fushun City, an iron mine operated through Aoniu Mining, a subsidiary of the Company
"Aoniu Mining"	Fushun Hanking Aoniu Mining Co., Ltd. (撫順罕王傲牛礦業股份有限公司), a limited liability company established in the PRC and a wholly-owned subsidiary of the Company
"Articles of Association"	the articles of association approved by the Company at the general meeting held on 16 September 2011, effective as from the time when the trading of Shares commenced on the Hong Kong Stock Exchange and as amended from time to time
"AUD"	the lawful currency of Australia
"Audit Committee"	the audit committee of the Board
"Australia"	The Commonwealth of Australia
"Board"	the board of Directors of the Company
"China" or "PRC"	the People's Republic of China. For the purpose of this report only, references in this report to the PRC or China do not include Hong Kong, Macau Special Administrative Region and Taiwan
"Companies Ordinance"	the Companies Ordinance, Chapter 622 of the Laws of Hong Kong (as amended from time to time)
"the Company" or "our Company" or "we"	China Hanking Holdings Limited
"Controlling Shareholders"	has the meaning ascribed to it in the Listing Rules and unless the context requires otherwise, refers to Ms. Yang Min, Mr. Yang Jiye, China Hanking (BVI) Limited, Bisney Success Limited and Tuochuan Capital Limited
"Directors"	the directors of the Company
"EBITDA"	the abbreviation of earnings before interest, taxes, depreciation and amortization

DEFINITIONS

"the Group" or "Hanking" or "China Hanking"	China Hanking Holdings Limited and its subsidiaries
"Hanking Australia"	Hanking Australia Investment Pty Ltd, a limited liability company established in Australia and a non wholly-owned subsidiary of the Company
"Hanking D.R.I."	Fushun Hanking D.R.I. Co., Ltd. (撫順罕王直接還原鐵有限公司), a limited liability company established in the PRC, which became a subsidiary of the Company in June 2019
"Hanking Environmental Protection Technology"	Liaoning Hanking Environmental Protection Technology Co., Ltd. (遼寧罕王環保科技有限公司), a limited liability company established in the PRC and a wholly-owned subsidiary of the Company
"Hanking Group"	Hanking Group Co., Limited (罕王實業集團有限公司), a limited liability company established in the PRC on 4 April 1996, whose shares are held by Ms. Yang Min (88.96%) and other individuals. Hanking Group is a holding company controlled by a Controlling Shareholder
"HSEC Committee"	the health, safety, environmental protection and community committee of the Board
"HKD"	Hong Kong dollars, the lawful currency of Hong Kong
"Hong Kong"	the Hong Kong Special Administrative Region of the PRC
"Hong Kong Stock Exchange"	The Stock Exchange of Hong Kong Limited
"Indicated Resource"	an indicated resource is one which has been sampled by drill holes or other sampling procedures at locations too widely spaced to ensure continuity, but close enough to give a reasonable indication of continuity and where geoscientific data are known with a reasonable level of reliability

"Inferred Resource"	an inferred resource is one where geoscientific evidence from drill holes or other sampling procedures is such that continuity cannot be predicted with confidence and where geoscientific information may not be known with a reasonable level of reliability
"JORC"	Australasian Joint Ore Reserves Committee
"JORC Code"	JORC Code, 2012 Edition
"Latest Practicable Date"	12 April 2023, being the latest practicable date for the purpose of ascertaining certain information contained in this annual report prior to its publication
"Listing Rules"	The Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited (as amended from time to time)
"Maogong Mine"	located at Shiwen Town, Fushun City, an iron mine operated through Maogong branch of Aoniu Mining
"Maogong Mining"	Fushun Hanking Maogong Mining Co., Ltd. (撫順罕王毛公鐵礦有限公司), a limited liability company established in the PRC and a wholly-owned subsidiary of the Company
"Nomination Committee"	the nomination committee of the Board
"PGO"	Primary Gold Pty Ltd, a limited liability company established in Australia and a non wholly-owned subsidiary of the Company
"Remuneration Committee"	the remuneration committee of the Board
"RMB"	Renminbi Yuan, the lawful currency of the PRC
"SFO"	the Securities and Futures Ordinance, Chapter 571 of the Laws of Hong Kong (as amended from time to time)
"Shangma Mine"	located at Shangma Town, Fushun City, an iron mine operated through Shangma branch of Aoniu Mining

DEFINITIONS

“Shangma Mining”	Fushun Hanking Shangma Mining Co., Ltd. (撫順罕王上馬礦業有限公司), a limited liability company established in the PRC and a wholly-owned subsidiary of the Company
“Share(s)”	ordinary share(s) with a nominal value of HKD0.10 each in the share capital of the Company
"Shareholder(s)"	holder(s) of Share(s)
“US$” or “USD” or “US dollars”	United States dollars, the lawful currency of the United States