



Beijing Jingnen
北京能清潔能源電力股份有限公司

(A joint stock company incorporated in the People's Republic of China with limited liability)

Stock Code : 00579

ANNUAL REPORT

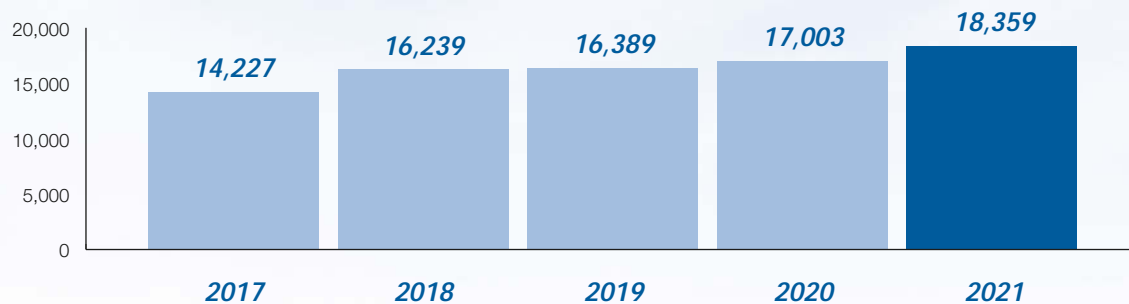
The background of the cover features a large, semi-transparent image of a white wind turbine in the foreground. Behind it, there is a blue and green globe, a solar panel array, and a modern industrial building with two tall chimneys. The overall theme is clean energy and sustainable development.

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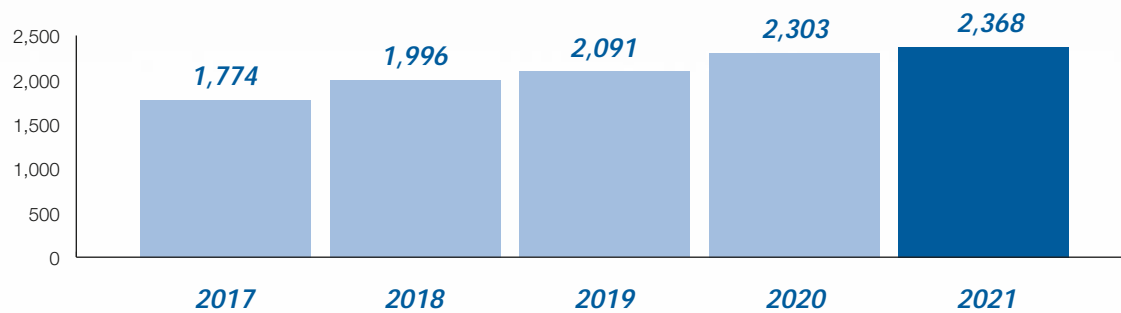
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Financial Highlights

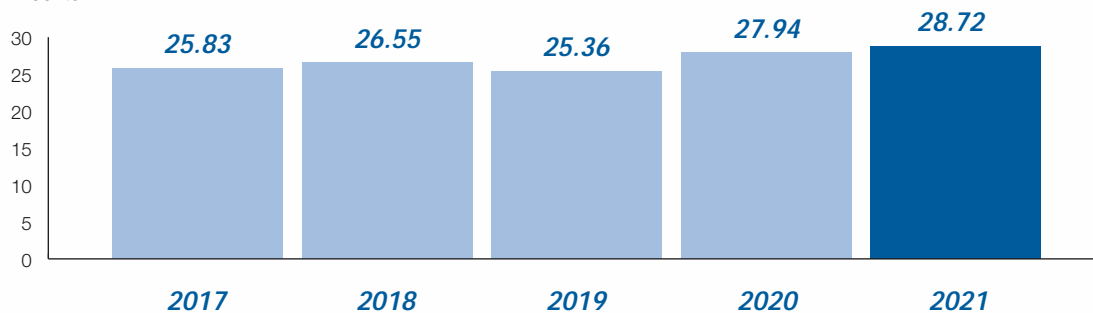
RMB in millions



RMB in millions



RMB cents



Financial Summary

Financial Summary

	2021	2020	31	201	201	2017
	RMB'000	'000	'000	'000	'000	'000
Intangible assets	2,035,444	70,533,303	5,723,151	54,414,460	50,556,644	
Investment properties	3,533,544	55,656,303	4,542,233	42,000,303	42,160,577	
Prepaid expenses and other receivables	1,499,302	14,200,005	10,100,666	12,131,522	7,510,710	
Other receivables	52,324,400	44,171,461	36,647,500	33,420,600	32,050,533	
Other non-current assets	2,320,200	25,244,624	1,437,526	1,311,177	1,231,160	
Investment in subsidiaries	24,044,040	1,266,370	17,210,324	14,037,430	12,227,415	
Other investments	29,330,000	26,366,470	23,075,300	21,511,600	1,051,101	
Investment in associates	1,244,500	1,244,500	1,244,500	1,244,500	6,704,230	
Other non-current assets	1,031,900	16,241,142	14,421,160	12,600,700	3,300,160	
Other intangible assets	2,229,000	24,436,650	22,672,660	21,114,370	16,005,510	
Other non-current assets	3,029,200	1,525,520	1,525,520	1,525,520	1,527,200	
Investment in subsidiaries	359,110	347,615	402,641	37,222	56,520	
Other intangible assets	29,330,000	26,366,470	23,075,300	21,511,600	1,051,101	

General Manager's Statement

2021年工作总结

2021年，在上级领导的正确领导下，紧紧围绕公司年度经营目标，认真贯彻落实各项决策部署，团结带领全体员工，攻坚克难，锐意进取，较好地完成了各项工作任务。现将全年工作情况总结如下：

▲ 1-12月，完成营业收入2.036亿元，同比增长12.444%；完成利润总额26.25万元，同比增长1.35%；完成净利润3.04万元。2021年，公司实现营业收入60.1亿元，同比增长100%；完成利润总额5.555亿元，同比增长37%；完成净利润1.555亿元，同比增长37%。

▲ 2022年，我们将继续坚持稳中求进的工作总基调，深入贯彻新发展理念，持续优化营商环境，加大改革创新力度，推动高质量发展。我们将进一步深化改革，完善治理体系，提升运营效率，增强核心竞争力。我们将继续加大研发投入，推动技术创新，培育新的增长点。我们将继续加强人才队伍建设，提升员工素质，为公司发展提供强有力的人才支撑。我们将继续履行社会责任，积极回馈社会，实现经济效益和社会效益的双赢。

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Management Discussion and Analysis

2021

In 2021, the Company's revenue was primarily derived from the sale of its products, which are sold through its distribution channels. The Company's revenue was \$14.5 million in 2021, compared to \$10.5 million in 2020. The increase in revenue was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020. The Company's gross profit was \$4.5 million in 2021, compared to \$3.5 million in 2020. The increase in gross profit was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020. The Company's operating expenses were \$10.0 million in 2021, compared to \$7.0 million in 2020. The increase in operating expenses was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020. The Company's net income was \$4.5 million in 2021, compared to \$3.5 million in 2020. The increase in net income was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020.

1. Revenue

In 2021, the Company's revenue was primarily derived from the sale of its products, which are sold through its distribution channels. The Company's revenue was \$14.5 million in 2021, compared to \$10.5 million in 2020. The increase in revenue was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020. The Company's gross profit was \$4.5 million in 2021, compared to \$3.5 million in 2020. The increase in gross profit was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020. The Company's operating expenses were \$10.0 million in 2021, compared to \$7.0 million in 2020. The increase in operating expenses was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020. The Company's net income was \$4.5 million in 2021, compared to \$3.5 million in 2020. The increase in net income was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020.

At 31 December 2021, the Company's revenue was \$14.5 million, compared to \$10.5 million in 2020. The increase in revenue was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020. The Company's gross profit was \$4.5 million in 2021, compared to \$3.5 million in 2020. The increase in gross profit was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020. The Company's operating expenses were \$10.0 million in 2021, compared to \$7.0 million in 2020. The increase in operating expenses was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020. The Company's net income was \$4.5 million in 2021, compared to \$3.5 million in 2020. The increase in net income was primarily due to the increase in the number of units sold, which was 14.5 million units in 2021, compared to 10.5 million units in 2020.

Management Discussion and Analysis

2021, the company's total revenue was 7.410 billion yuan, an increase of 32.2% over the same period of 2020. The company's total operating profit was 2,333 million yuan, an increase of 105 million yuan over the same period of 2020. The company's total operating profit margin was 31.3%, an increase of 22.3% over the same period of 2020. The company's total operating profit per share was 1.413 yuan, an increase of 21% over the same period of 2020. The company's total operating profit per share was 1.26 yuan, an increase of 11.5% over the same period of 2020. The company's total operating profit per share was 4,354 yuan, an increase of 1% over the same period of 2020.

2. Business Performance

2021, the company's total revenue was 7.410 billion yuan, an increase of 32.2% over the same period of 2020. The company's total operating profit was 2,333 million yuan, an increase of 105 million yuan over the same period of 2020. The company's total operating profit margin was 31.3%, an increase of 22.3% over the same period of 2020. The company's total operating profit per share was 1.413 yuan, an increase of 21% over the same period of 2020. The company's total operating profit per share was 1.26 yuan, an increase of 11.5% over the same period of 2020. The company's total operating profit per share was 4,354 yuan, an increase of 1% over the same period of 2020.

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Management Discussion and Analysis

5. Environmental Protection, Labor Relations, and Human Resources

Our company has always adhered to the concept of "green development" and "high-quality development", and has always been committed to environmental protection, labor relations, and human resources. In 2020, our company has achieved significant progress in environmental protection, labor relations, and human resources. In 2021, our company has further strengthened its commitment to environmental protection, labor relations, and human resources. Our company has achieved a 1.2% increase in environmental protection investment, a 26% increase in labor relations investment, and a 100% increase in human resources investment. Our company has also achieved a 3.1% increase in environmental protection investment, a 2.1% increase in labor relations investment, and a 2.1% increase in human resources investment. Our company has also achieved a 3.1% increase in environmental protection investment, a 2.1% increase in labor relations investment, and a 2.1% increase in human resources investment.

1. Environmental Protection

In 2021, our company's environmental protection investment increased by 2,412 million yuan, an increase of 3.1% compared to 2,336.0 million yuan in 2020. Our company's environmental protection investment increased by 2,361 million yuan, an increase of 2.1% compared to 2,303.4 million yuan in 2020.

2. Labor Relations

Our company's labor relations investment increased by 7.7% to 17,003.3 million yuan in 2021, an increase of 1,351 million yuan compared to 2020. Our company's labor relations investment increased by 17,003.3 million yuan in 2021, an increase of 1,351 million yuan compared to 2020.

Gas-fired Power and Heat Energy Generation Segment

Our company's gas-fired power and heat energy generation segment investment increased by 2.15% to 12,146.2 million yuan in 2021, an increase of 12,407.5 million yuan in 2020. Our company's gas-fired power and heat energy generation segment investment increased by 2.67% to 10,112 million yuan in 2021, an increase of 10,455.0 million yuan in 2020. Our company's gas-fired power and heat energy generation segment investment increased by 0.55% to 1,633 million yuan in 2021, an increase of 1,522.5 million yuan in 2020. Our company's gas-fired power and heat energy generation segment investment increased by 0.55% to 1,633 million yuan in 2021, an increase of 1,522.5 million yuan in 2020.

Management Discussion and Analysis

Wind P e Segmen

Wind P e segmentin omavaroitus kasvoi edellisvuonna 2,5% ja 2,314.2 miljoonaa euroa vuonna 2020 ja 2,442 miljoonaa vuonna 2021, mutta tuotteen osuus kassavirtasta ja tuloksesta ei ole muuttunut merkittävästi edellisvuonna. Tuotteen osuus kassavirtasta ja tuloksesta on edelleen merkittävästi pienempi kuin muissa segmenteissä.

Ph... Laic P e Segmen

Ph... Laic P e segmentin omavaroitus kasvoi edellisvuonna 20,04% ja 2,145.3 miljoonaa euroa vuonna 2020 ja 2,575.3 miljoonaa vuonna 2021, mutta tuotteen osuus kassavirtasta ja tuloksesta ei ole muuttunut merkittävästi edellisvuonna.

H d... e Segmen

H d... e segmentin omavaroitus kasvoi edellisvuonna 2,25% ja 35.3 miljoonaa euroa vuonna 2020 ja 36.4 miljoonaa vuonna 2021, mutta tuotteen osuus kassavirtasta ja tuloksesta ei ole muuttunut merkittävästi edellisvuonna.

Q.he Segmen

Q.he segmentin omavaroitus kasvoi edellisvuonna 13,13% ja 2.3 miljoonaa euroa vuonna 2020 ja 5.5 miljoonaa vuonna 2021, mutta tuotteen osuus kassavirtasta ja tuloksesta ei ole muuttunut merkittävästi edellisvuonna.

3. Muut segmentit

Muut segmentit omavaroitus kasvoi edellisvuonna 13,27% ja 77.4 miljoonaa euroa vuonna 2020 ja 103.2 miljoonaa vuonna 2021, mutta tuotteen osuus kassavirtasta ja tuloksesta ei ole muuttunut merkittävästi edellisvuonna. Tuotteen osuus kassavirtasta ja tuloksesta on edelleen merkittävästi pienempi kuin muissa segmenteissä.

4. Yhteensä

Yhteensä omavaroitus kasvoi edellisvuonna 5,5% ja 13,336 miljoonaa euroa vuonna 2020 ja 14,663 miljoonaa euroa vuonna 2021, mutta tuotteen osuus kassavirtasta ja tuloksesta ei ole muuttunut merkittävästi edellisvuonna. Tuotteen osuus kassavirtasta ja tuloksesta on edelleen merkittävästi pienempi kuin muissa segmenteissä.

Ga C n m. i n

Ga C n m. i n segmentin omavaroitus kasvoi edellisvuonna 2,3% ja 1,043 miljoonaa euroa vuonna 2020 ja 1,053 miljoonaa euroa vuonna 2021, mutta tuotteen osuus kassavirtasta ja tuloksesta ei ole muuttunut merkittävästi edellisvuonna.

Management Discussion and Analysis

Depreciation and Amortization Expense

Depreciation and amortization expense decreased 10.1% to 2,113 million yuan in 2021, down from 2,311 million yuan in 2020, but depreciation and amortization expense increased 10.3% to 2,347 million yuan in 2022.

Personnel Cost

Personnel cost decreased 24.06% to 1,072 million yuan in 2021, down from 1,407 million yuan in 2020, but personnel cost increased 21.5% to 1,283 million yuan in 2022.

Repair and Maintenance

Repair and maintenance expense decreased 0.05% to 54.7 million yuan in 2021, down from 54.8 million yuan in 2020, but repair and maintenance expense increased 10.5% to 60.4 million yuan in 2022.

Other Expense

Other expenses include (1) transportation expense, (2) depreciation expense, (3) advertising expense, (4) utility expense, (5) depreciation expense, (6) depreciation expense, (7) depreciation expense.

Other expenses decreased 4.1% to 7 million yuan in 2021, down from 7.3 million yuan in 2020, but other expenses increased 10.5% to 7.7 million yuan in 2022.

Other Gain and Loss

Other gain and loss decreased 13.2% to 25.4 million yuan in 2021, down from 29.2 million yuan in 2020, but other gain and loss increased 10.5% to 28.0 million yuan in 2022.

5.

As a percentage of total assets, other gain and loss decreased 16.56% to 3,171 million yuan in 2021, down from 4,565.7 million yuan in 2020.

Ga-fijed P e_j and Hea. Enej_g Gene_j a_i n Segmen.

Other gain and loss decreased 5.0% to 1,766.6 million yuan in 2021, down from 1,857.5 million yuan in 2020, but other gain and loss increased 10.5% to 1,947.5 million yuan in 2022.

Management Discussion and Analysis

Wind Power Segment

Revenue from wind power segment decreased by 4.3% to 1,201.0 million yen in 2021 from 1,257.5 million yen in 2020, but the number of wind power plants under construction and the number of wind power plants under construction increased by 1.3% and 1.2% respectively.

Photovoltaic Power Segment

Revenue from photovoltaic power segment decreased by 21.62% to 1,124.1 million yen in 2021 from 1,367.1 million yen in 2020, but the number of photovoltaic power plants under construction and the number of photovoltaic power plants under construction increased by 1.3% and 1.2% respectively.

Hydro Power Segment

Revenue from hydro power segment decreased by 5.14% to 512.2 million yen in 2021 from 539.6 million yen in 2020, but the number of hydro power plants under construction and the number of hydro power plants under construction increased by 1.3% and 1.2% respectively.

Other Segment

Revenue from other segment decreased by 5.63% to 236.1 million yen in 2021 from 250.0 million yen in 2020, but the number of other segment plants under construction and the number of other segment plants under construction increased by 1.3% and 1.2% respectively.

Revenue from other segment decreased by 13.77% to 1,150.1 million yen in 2021 from 1,309.3 million yen in 2020, but the number of other segment plants under construction and the number of other segment plants under construction increased by 1.3% and 1.2% respectively. The number of other segment plants under construction increased by 0.13% to 3.7% in 2021 from 3.74% in 2020.

Revenue from other segment (excluding other segment)

Revenue from other segment (excluding other segment) decreased by 145.7 million yen in 2021 from 207.0 million yen in 2020, but the number of other segment (excluding other segment) plants under construction and the number of other segment (excluding other segment) plants under construction increased by 1.3% and 1.2% respectively.

Revenue from other segment (excluding other segment)

Revenue from other segment (excluding other segment) decreased by 4.45% to 2,530.0 million yen in 2021 from 2,644.3 million yen in 2020.

Management Discussion and Analysis

9.

▲ 2021 年 1-6 月, 公司营业收入为 557.0 万元, 较 2020 年同期增加 55.0 万元, 增幅为 10.9%, 较 2021 年 1-6 月目标收入 500.0 万元增加 57.0 万元, 增幅为 11.4%。

10.

▲ 2021 年 1-6 月, 公司净利润为 2,360.0 万元, 较 2020 年同期增加 2,402.0 万元, 增幅为 111.1%。

11.

▲ 2021 年 1-6 月, 公司经营活动产生的现金流量净额为 2,303.4 万元, 较 2020 年同期增加 2,360.1 万元, 增幅为 102.4%。

12. 资产负债表主要数据

1.

▲ 截至 2021 年 6 月 30 日, 公司总资产为 2,035.0 万元, 较 2020 年 12 月 31 日增加 52,372.5 万元, 增幅为 2,663.3%, 较 2021 年 6 月 30 日目标总资产 26,276.3 万元增加 24,433.7 万元, 增幅为 93.0%。

2.

截至 2021 年 6 月 30 日, 公司净资产为 70,533.3 万元, 较 2020 年 12 月 31 日增加 2,035.0 万元, 增幅为 2,900.0%。截至 2021 年 6 月 30 日, 公司应收账款为 44,171.5 万元, 较 2020 年 12 月 31 日增加 52,372.5 万元, 增幅为 117.5%。截至 2021 年 6 月 30 日, 公司应付账款为 26,366.0 万元, 较 2020 年 12 月 31 日增加 2,663.3 万元, 增幅为 102.4%。截至 2021 年 6 月 30 日, 公司预收账款为 24,433.7 万元, 较 2020 年 12 月 31 日增加 26,276.3 万元, 增幅为 107.4%。截至 2021 年 6 月 30 日, 公司其他流动资产为 24,433.7 万元, 较 2020 年 12 月 31 日增加 26,276.3 万元, 增幅为 107.4%。

Management Discussion and Analysis

Management Discussion and Analysis

1. 2021 2020 2019 2018 2017

1. 2021 2020 2019 2018 2017

2021 2020 2019 2018 2017 2021 2020 2019 2018 2017
 17 2021 2020 2019 2018 2017 2021 2020 2019 2018 2017 2.65%

2021 2020 2019 2021 2020 2019 2021 2020 2019 2021 2020 2019 2.0%

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2021 2020 2019 2021 2020 2019 2021 2020 2019 2021 2020 2019 2.6%

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2021 2020 2019 2021 2020 2019 2021 2020 2019 2021 2020 2019 2.52%

2021 2020 2019 2021 2020 2019 2021 2020 2019 2021 2020 2019 3.23%

2021 2020 2019 2021 2020 2019 2021 2020 2019 2021 2020 2019 3.30%

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2. 2021 2020 2019 2018 2017

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 7,05.1 3,704. 46.7 6.1

Management Discussion and Analysis

3. 附屬公司之業務、經營及財務表現

於2021年12月31日，本公司之附屬公司包括：寧夏博陽新能源有限公司(寧夏博陽新能源有限公司)，寧夏愷陽新能源有限公司(寧夏愷陽新能源有限公司)，平羅縣旭清新能源有限公司(平羅縣旭清新能源有限公司)，河北融智新源電力有限公司(河北融智新源電力有限公司)，鄂托克前旗晟日新能源科技有限公司(鄂托克前旗晟日新能源科技有限公司)，張家口風沐新能源有限公司(張家口風沐新能源有限公司)，廣東輝宇新能源投資有限公司(廣東輝宇新能源投資有限公司)，宜昌市夷陵區中基熱電有限公司(宜昌市夷陵區中基熱電有限公司)。

於2021年，本公司之附屬公司包括：北京京能京通新能源有限公司(北京京能京通新能源有限公司)，建平京能風力發電有限公司(建平京能風力發電有限公司)，漳州京能清潔能源電力有限公司(漳州京能清潔能源電力有限公司)，三明京能清潔能源電力有限公司(三明京能清潔能源電力有限公司)，銀川京能清潔能源有限公司(銀川京能清潔能源有限公司)，韓城京能清潔能源有限公司(韓城京能清潔能源有限公司)，黑龍江京慶風力發電有限公司(黑龍江京慶風力發電有限公司) (0% 附屬公司)，巴彥淖爾京能清潔能源電力有限公司(巴彥淖爾京能清潔能源電力有限公司) (5% 附屬公司)。

4. 附屬公司之業務、經營及財務表現

於2021年12月31日，本公司之附屬公司包括：

5. 附屬公司之業務、經營及財務表現

於2021年12月31日，本公司之附屬公司包括：寧夏博陽新能源有限公司(寧夏博陽新能源有限公司)，寧夏愷陽新能源有限公司(寧夏愷陽新能源有限公司)，平羅縣旭清新能源有限公司(平羅縣旭清新能源有限公司)，河北融智新源電力有限公司(河北融智新源電力有限公司)，鄂托克前旗晟日新能源科技有限公司(鄂托克前旗晟日新能源科技有限公司)，張家口風沐新能源有限公司(張家口風沐新能源有限公司)，廣東輝宇新能源投資有限公司(廣東輝宇新能源投資有限公司)，宜昌市夷陵區中基熱電有限公司(宜昌市夷陵區中基熱電有限公司)。

6. 附屬公司之業務、經營及財務表現

於2021年12月31日，本公司之附屬公司包括：

Management Discussion and Analysis

Business Overview

Business Overview

As a leading provider of clean energy solutions, we are committed to providing our customers with the most advanced and reliable products and services. Our products are designed to meet the needs of a wide range of customers, from residential to commercial and industrial. We have a strong track record of delivering high-quality products and services, and we are confident that we will continue to do so in the future.

Our products are designed to be energy-efficient and environmentally friendly, which is a key focus for our customers. We have a strong focus on research and development, and we are constantly looking for ways to improve our products and services. We believe that our focus on innovation and quality will help us to maintain our position as a leader in the clean energy industry.

Business Overview

Our products are designed to be energy-efficient and environmentally friendly, which is a key focus for our customers. We have a strong focus on research and development, and we are constantly looking for ways to improve our products and services. We believe that our focus on innovation and quality will help us to maintain our position as a leader in the clean energy industry.

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Management Discussion and Analysis

2. Financial Performance and Financial Position

In 2022, the Group continued to focus on the operation and maintenance of its existing power generation assets, and the investment in new power generation assets. The Group's financial performance and financial position are summarized as follows:

Human Resources

Human Resources is a key element of the company's success. The company's human resources are the most valuable asset, and the company is committed to providing a safe and healthy work environment for all employees. The company's human resources are the most valuable asset, and the company is committed to providing a safe and healthy work environment for all employees. The company's human resources are the most valuable asset, and the company is committed to providing a safe and healthy work environment for all employees.

1. Human Resources by Gender

Human Resources by Gender, as of December 31, 2021. The company's human resources are the most valuable asset, and the company is committed to providing a safe and healthy work environment for all employees. The company's human resources are the most valuable asset, and the company is committed to providing a safe and healthy work environment for all employees. The company's human resources are the most valuable asset, and the company is committed to providing a safe and healthy work environment for all employees.

1. Human Resources by Gender

Gender	Number of Employees	Percentage	Percentage of Total
Male	1,412	47.5%	47.5%
Female	676	22.1%	70.76%
Other	734	24.7%	5.63%
Total	12	4.37%	100.00%
Total	2,51	100.00%	

2. Human Resources by Education

Education Level	Number of Employees	Percentage	Percentage of Total
High School	4	0.14%	0.14%
College	165	5.5%	5.73%
Postgraduate	1,755	5.47%	65.20%
Total	1,027	34.0%	100.00%
Total	2,51	100.00%	

Human Resources

Human Resources

At the end of 2020, the company had a total of 10,123 employees, including 1,234 full-time employees and 8,889 part-time employees. The company has a total of 1,234 full-time employees and 8,889 part-time employees. The company has a total of 1,234 full-time employees and 8,889 part-time employees.

In 2020, the company has a total of 1,234 full-time employees and 8,889 part-time employees. The company has a total of 1,234 full-time employees and 8,889 part-time employees.

1. Introduction

The Human Resources department is committed to providing a safe and healthy work environment for all employees. We are dedicated to promoting a culture of respect, diversity, and inclusion. Our primary focus is on attracting, developing, and retaining top talent. We strive to create a supportive and collaborative work environment where employees can thrive and contribute to the organization's success. Our commitment to employee well-being and professional growth is a key driver of our organizational performance.

Profiles of Directors, Supervisors and Senior Management

陳彥聰 (陳彥聰), 42, is a Chinese national. He graduated from the School of Management, Tsinghua University, Beijing, China, in 2003. He worked for the State Grid Corporation of China (SGCC) from 2003 to 2010. He then joined the State Grid Corporation of China (SGCC) and worked in various positions, including Director of the State Grid Corporation of China (SGCC) and Director of the State Grid Corporation of China (SGCC). He has been a member of the Board of Directors of Beijing Jingneng Clean Energy Co., Limited since 2011. He is also a member of the Board of Supervisors of Beijing Jingneng Clean Energy Co., Limited. He has a Bachelor's degree in Management from Tsinghua University.

徐大平 (徐大平), 47, is a Chinese national. He graduated from the School of Management, Tsinghua University, Beijing, China, in 1991. He worked for the State Grid Corporation of China (SGCC) from 1991 to 2003. He then joined the State Grid Corporation of China (SGCC) and worked in various positions, including Director of the State Grid Corporation of China (SGCC) and Director of the State Grid Corporation of China (SGCC). He has been a member of the Board of Directors of Beijing Jingneng Clean Energy Co., Limited since 2003. He is also a member of the Board of Supervisors of Beijing Jingneng Clean Energy Co., Limited. He has a Bachelor's degree in Management from Tsinghua University.

趙潔 (趙潔), 65, is a Chinese national. He graduated from the School of Management, Tsinghua University, Beijing, China, in 1981. He worked for the State Grid Corporation of China (SGCC) from 1981 to 2003. He then joined the State Grid Corporation of China (SGCC) and worked in various positions, including Director of the State Grid Corporation of China (SGCC) and Director of the State Grid Corporation of China (SGCC). He has been a member of the Board of Directors of Beijing Jingneng Clean Energy Co., Limited since 2003. He is also a member of the Board of Supervisors of Beijing Jingneng Clean Energy Co., Limited. He has a Bachelor's degree in Management from Tsinghua University.

Profiles of Directors, Supervisors and Senior Management

(王祥能), 1957, male, Chinese, Bachelor's degree, currently serving as the Chairman of the Board of Directors of the China Social Science Academy Institutional Affairs Management Office Construction Office (中國社會科學院機關事務管理局基建處), since July 2016. He has also served as the Chairman of the Board of Directors of the Central Government Lecturer Group (中央國家機關講師團), since July 2017. He has also served as the Chairman of the Board of Directors of the National Agricultural Investment Company (國家農業投資公司), since July 2014. He has also served as the Chairman of the Board of Directors of the National Development Investment Company (國家開發投資公司), since July 2014. He has also served as the Chairman of the Board of Directors of the National Surveying and Mapping Administration Central Surveying and Mapping Audit Office (國家測繪局中測審計事務所), since July 2017. He has also served as the Chairman of the Board of Directors of the National Surveying and Mapping Administration Central Surveying and Mapping Audit Office (國家測繪局中測審計事務所), since July 2017.

Report of the Directors

The directors report that the company has achieved the annual profit for the year 2021 (as defined in the Companies Act 2006) in the amount of the ordinary dividend for the year 2021 (as defined in the Companies Act 2006) of the amount of 31,344,000 for the year 2021.

Dividend for the year 2021

At 31.12.2021, the total profit for the year 2021 is 244,500,144, which is 100% of the amount of 5,414,31,344,000. The total profit for the year 2021 is 2,267,600,000. The total profit for the year 2021 is 2,267,600,000. The total profit for the year 2021 is 2,267,600,000.

Dividend for the year 2021

Report of the Directors

1. The Board of Directors has reviewed the financial statements of the Company for the year ended 31 December 2017, and is satisfied that the financial statements give a true and fair view of the financial position of the Company as at the end of the year and of its performance for the year.

Report of the Directors

1. Financial Performance and Financial Position

Our consolidated revenue increased by 10.2% to RMB 1,712 million in 2022 compared with RMB 1,553 million in 2021. Our consolidated net profit attributable to shareholders increased by 24.0% to RMB 240 million in 2022 (RMB 194 million in 2021) and our consolidated earnings per share increased by 23.0% to RMB 0.15 in 2022 (RMB 0.12 in 2021).

Our consolidated revenue increased by 10.2% to RMB 1,712 million in 2022 compared with RMB 1,553 million in 2021. Our consolidated net profit attributable to shareholders increased by 24.0% to RMB 240 million in 2022 (RMB 194 million in 2021) and our consolidated earnings per share increased by 23.0% to RMB 0.15 in 2022 (RMB 0.12 in 2021).

Our consolidated revenue increased by 10.2% to RMB 1,712 million in 2022 compared with RMB 1,553 million in 2021. Our consolidated net profit attributable to shareholders increased by 24.0% to RMB 240 million in 2022 (RMB 194 million in 2021) and our consolidated earnings per share increased by 23.0% to RMB 0.15 in 2022 (RMB 0.12 in 2021).

2. Business Review and Discussion of Financial Position

Our revenue increased by 10.2% to RMB 1,712 million in 2022 compared with RMB 1,553 million in 2021.

Revenue

Our revenue increased by 10.2% to RMB 1,712 million in 2022 compared with RMB 1,553 million in 2021. Our revenue increased by 10.2% to RMB 1,712 million in 2022 compared with RMB 1,553 million in 2021.

Profit

Our profit increased by 24.0% to RMB 240 million in 2022 compared with RMB 194 million in 2021.

3. Financial Review and Discussion of Financial Position

Report of the Directors

Information on the company's operations, financial performance and other information is contained in the Annual Report for the year ended 31 March 2021 and is available on the company's website www.annuallists.com.

The information in this report is subject to the audit opinion of the auditors, who are independent of the company and have not provided any services to the company in connection with the preparation of this report.

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Annual Report	2020/2021	20
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Annual Report	2020/2021	25
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Report of the Directors

Notes:

- (1) 2021年12月31日止年度综合财务报表附注第11页, 2021.
- (2) 2021年12月31日止年度综合财务报表附注第11页, 2021.
- (3) 2022年12月31日止年度综合财务报表附注第24页, 2022.
- (4) 2021年12月31日止年度综合财务报表附注第24页, 2021.
- (5) 2021年12月31日止年度综合财务报表附注第24页, 2021.
- (6) 2022年12月31日止年度综合财务报表附注第25页, 2022.
- (7) 2022年12月31日止年度综合财务报表附注第25页, 2022.

本公司在编制财务报表时, 按照企业会计准则的要求, 对重要的会计政策和会计估计进行了披露, 并已在财务报表附注中进行了披露。

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Report of the Directors

At the meeting, the directors considered the financial statements for the year ended 31st December 2021 and the directors' report and the auditors' report thereon. The directors are satisfied that the financial statements for the year ended 31st December 2021, taken together with the directors' report and the auditors' report thereon, give a true and fair view of the financial position of the Company as at the end of the year and of its performance during the year.

The directors also considered the Company's performance during the year ended 31st December 2021 and the Company's financial position at the end of the year. The directors are satisfied that the Company's performance during the year ended 31st December 2021 and its financial position at the end of the year are in line with the Company's business strategy and the Company's financial position is sound.

The directors also considered the Company's performance during the year ended 31st December 2021 and the Company's financial position at the end of the year. The directors are satisfied that the Company's performance during the year ended 31st December 2021 and its financial position at the end of the year are in line with the Company's business strategy and the Company's financial position is sound.

Approved for and on behalf of the directors:

2021

\$1,000,001 to \$1,500,000 3

At the meeting, the directors considered the financial statements for the year ended 31st December 2021 and the directors' report and the auditors' report thereon. The directors are satisfied that the financial statements for the year ended 31st December 2021, taken together with the directors' report and the auditors' report thereon, give a true and fair view of the financial position of the Company as at the end of the year and of its performance during the year.

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Report of the Directors

2021年董事工作报告

2021年，北京京能清洁能源股份有限公司董事会严格按照《公司法》《证券法》《上市公司治理准则》《上市公司章程指引》《上市公司信息披露管理办法》等法律法规及《公司章程》《董事会议事规则》等制度的规定，勤勉尽责，认真履行董事职责，积极推动公司各项业务的发展，现将2021年度董事履职情况报告如下：

一、

Report of the Directors

At 31 December 2021, the company's assets, liabilities, net assets, and equity (including reserves) were as follows: (in thousands of US dollars)

Assets: 5,104,305 (\$) (Note 1 and Note 2)

Liabilities: 471,612 (\$) (Note 1 and Note 2)

Net assets: 4,632,693 (\$) (Note 1 and Note 2)

Equity: 4,632,693 (\$) (Note 1 and Note 2)

Note: (\$) in thousands

		Assets	Liabilities	Net assets	Equity
		(US\$ '000)	(US\$ '000)	(US\$ '000)	(US\$ '000)
(Note 1 and Note 2)	Assets	5,104,305			
	Liabilities		471,612		
	Net assets			4,632,693	
	Equity				4,632,693
(Note 1 and Note 2)	Assets	5,414,313			
	Liabilities		471,612		
	Net assets			4,942,701	
	Equity				4,942,701
(Note 2)	Assets	471,612			
(Note 3)	Liabilities		173,532		
(Note 3)	Net assets			300,080	
(Note 3)	Equity				300,080
(Note 3)	Assets	173,532			
(Note 3)	Liabilities		173,532		
(Note 3)	Net assets				
(Note 3)	Equity				
(Note 4)	Assets	1,664,000			
(Note 4)	Liabilities		1,664,000		
(Note 4)	Net assets				
(Note 4)	Equity				
(Note 4)	Assets	1,664,000			
(Note 4)	Liabilities		1,664,000		
(Note 4)	Net assets				
(Note 4)	Equity				
(Note 5)	Assets	653,136			
(Note 5)	Liabilities		653,136		
(Note 5)	Net assets				
(Note 5)	Equity				
(Note 5)	Assets	1,670,400			
(Note 5)	Liabilities		1,670,400		
(Note 5)	Net assets				
(Note 5)	Equity				

Report of the Directors

Notes:

1. 2019年12月31日止，本公司可供出售金融资产为2,654,240.00元，较期初增加2,654,240.00元。2019年12月31日止，本公司可供出售金融资产为16,035,322.00元，较期初增加16,035,322.00元。2019年12月31日止，本公司可供出售金融资产为5,017,342.10元，较期初增加5,017,342.10元。2019年12月31日止，本公司可供出售金融资产为224,342.10元，较期初增加224,342.10元。2019年12月31日止，本公司可供出售金融资产为5,414,313,344.00元，较期初增加5,414,313,344.00元。
2. 2019年12月31日止，本公司可供出售金融资产为471,612,000.00元，较期初增加471,612,000.00元。2019年12月31日止，本公司可供出售金融资产为471,612,000.00元，较期初增加471,612,000.00元。
3. 2019年12月31日止，本公司可供出售金融资产为173,532,000.00元，较期初增加173,532,000.00元。2019年12月31日止，本公司可供出售金融资产为173,532,000.00元，较期初增加173,532,000.00元。
4. 2019年12月31日止，本公司可供出售金融资产为16,640,000.00元，较期初增加16,640,000.00元。2019年12月31日止，本公司可供出售金融资产为16,640,000.00元，较期初增加16,640,000.00元。
5. 2019年12月31日止，本公司可供出售金融资产为16,704,000.00元，较期初增加16,704,000.00元。2019年12月31日止，本公司可供出售金融资产为16,704,000.00元，较期初增加16,704,000.00元。

Report of the Directors

The directors are pleased to announce the following results of the Company's operations for the year ended 31 December 2021.

The Company's Annual Report, together with the audited financial statements, is available on the Company's website at www.1616.com.hk (the "Company Website") and the Annual Report is also available in printed form on request. The Annual Report is also available in printed form on request to the Company's investor relations department.

The Company's operations for the year ended 31 December 2021 are summarized as follows:

Revenue for the year ended 31 December 2021, the "Year", is approximately HK\$1,735.5 million, compared with HK\$1,616.0 million for the year ended 31 December 2020, 2021 and 2022.

Profit for the year ended 31 December 2021, the "Year", is approximately HK\$27.7 million, compared with HK\$10.1 million for the year ended 31 December 2020, 2021 and 2022.

Profit for the year ended 31 December 2021, the "Year", is approximately HK\$27.7 million, compared with HK\$10.1 million for the year ended 31 December 2020, 2021 and 2022.

	2021 (RMB million)	2021 (RMB million)
1. Revenue	320.0	27.7
2. Cost of sales	135.5	10.1
3. Selling and distribution expenses	6.5	63.4
4. Administrative expenses	66.0	44.7
5. Finance costs	46.5	16.0
6. Income tax	2,271.0	1,735.5
7. Other income	263.0	115.6
8. Other gains	2,000.0	2,000.0
9. Other losses	4,000.0	3,664.0
10. Other expenses	30.0	14.4
11. Other income	60.1	44.5

Report of the Directors

Note 1. The directors are responsible for the preparation and fair presentation of the financial statements, including the selection and application of accounting policies, the estimation and valuation of assets and liabilities, and the disclosure of related transactions, arrangements, and other matters that are relevant to the financial statements. The directors are also responsible for ensuring that the financial statements are prepared in accordance with the applicable financial reporting framework.

The directors have reviewed the financial statements and are satisfied that they provide a true and fair view of the financial position, performance, and cash flows of the Company for the reporting period. The directors have also reviewed the related party transactions and are satisfied that they have been disclosed in accordance with the applicable financial reporting framework.

Finance Lease Programme, Joint Arrangements, Leases, BEH and the Company

The Company has entered into finance lease arrangements with various lessors. The Company has also entered into joint arrangements with other entities. The Company has also entered into leases with various lessors. The Company has also entered into BEH and the Company.

Particulars of Finance Lease Programme, Joint Arrangements, Leases, BEH and the Company

The following table provides details of the finance lease programme, joint arrangements, leases, BEH and the Company. The table includes information on the nature of the arrangements, the amounts involved, and the impact on the financial statements.

Report of the Directors

Financial Service Framework Agreements between BEH Finance and the Company

The Company entered into financial service framework agreements with BEH Finance on 25 October 2016. The terms of such agreements are as follows: (1) from 2017 to 2020, the Company entered into 31 agreements with BEH Finance, with a total amount of RMB31 million; (2) from 2021 to 2022, the Company entered into 16 agreements with BEH Finance, with a total amount of RMB16 million. The terms of such agreements are as follows: (1) from 2020 to 2022, the Company entered into 16 agreements with BEH Finance, with a total amount of RMB16 million. The terms of such agreements are as follows: (1) from 2020 to 2022, the Company entered into 16 agreements with BEH Finance, with a total amount of RMB16 million.

Sale and Leaseback Agreements

The Company entered into a sale and leaseback agreement with Ningxia Tongxin Dadi Risheng New Energy Co., Ltd. (寧夏同心大地日盛新能源有限公司) (the "Company") on 16 October 2021. The terms of such agreement are as follows: (1) the Company sold 50% of the equity interest of the Company to the Company, with a total amount of RMB226 million; (2) the Company leased back the 50% of the equity interest of the Company from the Company, with a total amount of RMB337,770,750. The terms of such agreement are as follows: (1) the Company sold 50% of the equity interest of the Company to the Company, with a total amount of RMB226 million; (2) the Company leased back the 50% of the equity interest of the Company from the Company, with a total amount of RMB337,770,750.

The Company entered into a sale and leaseback agreement with the Company on 16 October 2021. The terms of such agreement are as follows: (1) the Company sold 50% of the equity interest of the Company to the Company, with a total amount of RMB226 million; (2) the Company leased back the 50% of the equity interest of the Company from the Company, with a total amount of RMB337,770,750. The terms of such agreement are as follows: (1) the Company sold 50% of the equity interest of the Company to the Company, with a total amount of RMB226 million; (2) the Company leased back the 50% of the equity interest of the Company from the Company, with a total amount of RMB337,770,750.

Amount: RMB 1,052,201,000; the Company entered into 167 agreements, with a total amount of RMB1,610 million (Amount: RMB 1,052,201,000).

Report of the Directors

2021 Annual Report

The Board of Directors has reviewed the financial statements and the report of the auditors and is satisfied that the financial statements give a true and fair view of the financial position of the Company and of its performance for the year ended 31 December 2021.

- (1) The directors have approved the financial statements for the year ended 31 December 2021.
- (2) The directors have approved the annual report for the year ended 31 December 2021.
- (3) The directors have approved the dividend for the year ended 31 December 2021, which is 14.56 cents per share, in accordance with the provisions of the Companies Act 2016 and the Articles of Association of the Company.

The directors have also approved the payment of a special dividend of 14.56 cents per share to the shareholders of the Company on 15 February 2022. The directors have also approved the payment of a special dividend of 14.56 cents per share to the shareholders of the Company on 15 February 2022.

- (i) The directors have approved the payment of a special dividend of 14.56 cents per share to the shareholders of the Company on 15 February 2022.
- (ii) The directors have approved the payment of a special dividend of 14.56 cents per share to the shareholders of the Company on 15 February 2022.
- (iii) The directors have approved the payment of a special dividend of 14.56 cents per share to the shareholders of the Company on 15 February 2022.
- (iv) The directors have approved the payment of a special dividend of 14.56 cents per share to the shareholders of the Company on 15 February 2022.

2021 Annual Report

The Board of Directors has reviewed the financial statements and the report of the auditors and is satisfied that the financial statements give a true and fair view of the financial position of the Company and of its performance for the year ended 31 December 2021. The directors have also approved the payment of a special dividend of 14.56 cents per share to the shareholders of the Company on 15 February 2022.

The directors have also approved the payment of a special dividend of 14.56 cents per share to the shareholders of the Company on 15 February 2022.

Report of the Directors

On December 31, 2011, the Board of Directors of Beijing Jingneng Clean Energy Co., Limited (the "Company") held its 13th meeting in 2011. The meeting was held in accordance with the provisions of the Company's Articles of Association and the Company's Regulations. The meeting discussed and approved the following resolutions:

The Board of Directors approved the Company's 2011 financial statements, including the consolidated financial statements and the financial statements of the Company. The Board of Directors also approved the Company's 2011 annual report.

2011 Financial Performance

In 2011, the Company's total revenue was RMB 31.2 billion, an increase of 66.3% compared with RMB 18.8 billion in 2010. The Company's net profit was RMB 4.5 billion, an increase of 4.1% compared with RMB 4.3 billion in 2010.

In 2011, the Company's total assets were RMB 31.2 billion, an increase of 10.0% compared with RMB 28.4 billion in 2010. The Company's total liabilities were RMB 7.0 billion, an increase of 7.0% compared with RMB 6.5 billion in 2010.

The Board of Directors approved the Company's 2011 financial statements, including the consolidated financial statements and the financial statements of the Company. The Board of Directors also approved the Company's 2011 annual report.

The Board of Directors approved the Company's 2011 financial statements, including the consolidated financial statements and the financial statements of the Company. The Board of Directors also approved the Company's 2011 annual report.

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Report of the Directors

1. Financial Performance and Business Review

At the end of the year 31 December 2021, the Company's revenue increased by 10.1% compared with the corresponding period of the previous year, and the profit attributable to the shareholders increased by 15.2%.

2. Environmental and Social Performance

The Audit Committee has reviewed the Company's 2021 annual report and confirmed that the information disclosed in the report is true and accurate, and that the Company has complied with the relevant laws and regulations.

3. Directors' Duties

The Board of Directors has fulfilled its duties in accordance with the Company's articles of association and the relevant laws and regulations. The Board has reviewed the Company's 2021 annual report and confirmed that the information disclosed in the report is true and accurate, and that the Company has complied with the relevant laws and regulations.

4. Directors' Remuneration

The Board of Directors has reviewed the Company's 2021 annual report and confirmed that the information disclosed in the report is true and accurate, and that the Company has complied with the relevant laws and regulations.

5. Directors' Information

The Board of Directors has reviewed the Company's 2021 annual report and confirmed that the information disclosed in the report is true and accurate, and that the Company has complied with the relevant laws and regulations.

(Signature)
Chairman of the Board

2022

Report of the Board of Supervisors

2021 Operations

In 2021, the Board of Supervisors continued to support the County's efforts to address the economic challenges posed by the COVID-19 pandemic. The Board approved the County's 2021 budget, which includes a 0.2% increase in the sales tax rate to fund the County's operations. The Board also approved the County's 2021 capital budget, which includes funding for the County's infrastructure projects. The Board also approved the County's 2021 operating budget, which includes funding for the County's various departments. The Board also approved the County's 2021 operating budget, which includes funding for the County's various departments. The Board also approved the County's 2021 operating budget, which includes funding for the County's various departments.

2021 Financial Performance

(a) Revenue

In 2021, the County's revenue was \$1.2 billion, an increase of 1.5% from 2020. The County's revenue was primarily derived from the sales tax, which increased by 0.2% in 2021. The County's revenue was also derived from the property tax, which increased by 0.1% in 2021. The County's revenue was also derived from the state and federal government, which increased by 0.2% in 2021.

2021 revenue was \$1.2 billion, an increase of 1.5% from 2020. The County's revenue was primarily derived from the sales tax, which increased by 0.2% in 2021. The County's revenue was also derived from the property tax, which increased by 0.1% in 2021. The County's revenue was also derived from the state and federal government, which increased by 0.2% in 2021.

2021 revenue was \$1.2 billion, an increase of 1.5% from 2020. The County's revenue was primarily derived from the sales tax, which increased by 0.2% in 2021. The County's revenue was also derived from the property tax, which increased by 0.1% in 2021. The County's revenue was also derived from the state and federal government, which increased by 0.2% in 2021.

(b) Expenditures

In 2021, the County's expenditures were \$1.1 billion, an increase of 1.5% from 2020. The County's expenditures were primarily derived from the sales tax, which increased by 0.2% in 2021. The County's expenditures were also derived from the property tax, which increased by 0.1% in 2021. The County's expenditures were also derived from the state and federal government, which increased by 0.2% in 2021.

Report of the Board of Supervisors

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Unit A in 2021, the Board of Supervisors has fully performed its supervisory duties, and has not found any illegal or irregular behavior in the company's operations. The Board of Supervisors has also found that the company's financial statements are true and accurate, and that the company's internal control system is sound and effective. The Board of Supervisors has also found that the company's management team has performed their duties well, and that the company's operations are in line with the law and the company's articles of association.

2021

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Report of the Board of Supervisors

() 2022 年 1 月 1 日至 2022 年 12 月 31 日止的年度工作

2022 年，本局在市委、市政府的坚强领导下，紧紧围绕市委、市政府的中心工作，坚持以习近平新时代中国特色社会主义思想为指导，深入贯彻落实党的十九大和十九届六中全会精神，坚持稳中求进工作总基调，立足新发展阶段，完整、准确、全面贯彻新发展理念，服务和融入新发展格局，推动高质量发展，统筹疫情防控和经济社会发展，统筹发展和安全，保持经济运行在合理区间，各项工作取得显著成效。全年地区生产总值同比增长 4.0%，一般公共预算收入同比增长 5.0%，固定资产投资同比增长 0.5%，社会消费品零售总额同比增长 0.5%，城镇新增就业 1.5 万人，城镇调查失业率控制在 5.5% 以内，居民消费价格涨幅控制在 3.0% 以内，城镇常住居民人均可支配收入同比增长 4.5%，农村居民人均可支配收入同比增长 5.0%。

() 2022 年 1 月 1 日至 2022 年 12 月 31 日止的年度工作

2022 年，本局在市委、市政府的坚强领导下，紧紧围绕市委、市政府的中心工作，坚持以习近平新时代中国特色社会主义思想为指导，深入贯彻落实党的十九大和十九届六中全会精神，坚持稳中求进工作总基调，立足新发展阶段，完整、准确、全面贯彻新发展理念，服务和融入新发展格局，推动高质量发展，统筹疫情防控和经济社会发展，统筹发展和安全，保持经济运行在合理区间，各项工作取得显著成效。全年地区生产总值同比增长 4.0%，一般公共预算收入同比增长 5.0%，固定资产投资同比增长 0.5%，社会消费品零售总额同比增长 0.5%，城镇新增就业 1.5 万人，城镇调查失业率控制在 5.5% 以内，居民消费价格涨幅控制在 3.0% 以内，城镇常住居民人均可支配收入同比增长 4.5%，农村居民人均可支配收入同比增长 5.0%。

() 2022 年 1 月 1 日至 2022 年 12 月 31 日止的年度工作

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2022

2022 年，本局在市委、市政府的坚强领导下，紧紧围绕市委、市政府的中心工作，坚持以习近平新时代中国特色社会主义思想为指导，深入贯彻落实党的十九大和十九届六中全会精神，坚持稳中求进工作总基调，立足新发展阶段，完整、准确、全面贯彻新发展理念，服务和融入新发展格局，推动高质量发展，统筹疫情防控和经济社会发展，统筹发展和安全，保持经济运行在合理区间，各项工作取得显著成效。全年地区生产总值同比增长 4.0%，一般公共预算收入同比增长 5.0%，固定资产投资同比增长 0.5%，社会消费品零售总额同比增长 0.5%，城镇新增就业 1.5 万人，城镇调查失业率控制在 5.5% 以内，居民消费价格涨幅控制在 3.0% 以内，城镇常住居民人均可支配收入同比增长 4.5%，农村居民人均可支配收入同比增长 5.0%。

Corporate Governance Report

The Board of Directors is committed to the company's long-term development and to the interests of all stakeholders. It has established a set of corporate governance principles and policies that are in line with the company's business strategy and the needs of its stakeholders. The Board has also established a set of internal controls and risk management systems to ensure the company's operations are carried out in a lawful, honest and transparent manner.

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1. Board of Directors

The Board of Directors is responsible for the overall management and supervision of the Company's business operations, and for the formulation and implementation of the Company's strategic direction.

The Board of Directors is composed of 10 members, including 7 independent non-executive directors, 2 executive directors, and 1 chairman.

The Board of Directors is currently composed of 4 executive directors, 3 non-executive directors, and 4 independent non-executive directors.

The Board of Directors is currently composed of the following members:

Executive Directors

- Mr. [Name] (Chairman)
- Mr. [Name] (General Manager)
- Mr. [Name]
- Mr. [Name]

Non-Executive Directors

- Mr. [Name]
- Mr. [Name]
- Mr. [Name]

Independent Non-Executive Directors

- Mr. [Name]
- Mr. [Name]
- Mr. [Name]
- Mr. [Name]

The Board of Directors is currently composed of 10 members, including 7 independent non-executive directors, 2 executive directors, and 1 chairman.

The Board of Directors is currently composed of the following members:

2. Management

The Management is responsible for the day-to-day operations of the Company, and for the implementation of the Board of Directors' strategic direction. The Management is currently composed of the following members:

▲ 2021, the company's management team and board of directors have actively responded to the challenges of the global economic environment, and have taken a series of measures to improve the company's operating performance, and the company's operating performance has continued to improve.

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Corporate Governance Report

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Note

Executive Director

Mr. Wang Jun (Chairman)	A
Mr. Yu Jun	A
Mr. Zhang Jun	A

Non-executive Director

Mr. Yu Jun	A
Mr. Zhang Jun	A
Mr. Wang Jun	A

Independent Non-executive Director

Mr. Wang Jun	A
Mr. Yu Jun	A
Mr. Zhang Jun	A
Mr. Wang Jun (Independent since 24 June 2021)	A
Mr. Yu Jun	A

Note:

A. All directors have received specific training on corporate governance and have passed the training.

Corporate Governance Report

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Corporate Governance Report

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Corporate Governance Report

The Board of Directors is responsible for the overall management of the Company, including the formulation and implementation of the Company's business strategy, the appointment and dismissal of senior management, and the supervision of the Company's financial and operational performance.

The Board of Directors is also responsible for the Company's internal control system, risk management, and compliance with applicable laws and regulations.

2.1.1. Board of Directors

The Board of Directors is composed of seven members, including three independent non-executive directors, one executive director, and three non-executive directors.

The Board of Directors is responsible for the overall management of the Company, including the formulation and implementation of the Company's business strategy, the appointment and dismissal of senior management, and the supervision of the Company's financial and operational performance.

The Board of Directors is also responsible for the Company's internal control system, risk management, and compliance with applicable laws and regulations.

2.1.2. Senior Management

The Senior Management is responsible for the day-to-day management of the Company, including the implementation of the Company's business strategy and the supervision of the Company's financial and operational performance.

2.1.3. Audit Committee

The Audit Committee is responsible for the supervision of the Company's financial reporting, internal control, and risk management. It also provides independent advice to the Board of Directors on these matters.

The Audit Committee is also responsible for the Company's internal control system, risk management, and compliance with applicable laws and regulations.

Corporate Governance Report

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Corporate Governance Report

As the national energy reform deepens, the company has fully implemented the national energy reform strategy, and has achieved significant results in the field of energy reform. In 2021, the company has fully implemented the national energy reform strategy, and has achieved significant results in the field of energy reform.

1. The company has fully implemented the national energy reform strategy, and has achieved significant results in the field of energy reform.

2. The company has fully implemented the national energy reform strategy, and has achieved significant results in the field of energy reform.

3. The company has fully implemented the national energy reform strategy, and has achieved significant results in the field of energy reform.

1. The company has fully implemented the national energy reform strategy, and has achieved significant results in the field of energy reform.	/	4/4	3/3	1/1	2/2
2. The company has fully implemented the national energy reform strategy, and has achieved significant results in the field of energy reform.	/	2/2		1/1	0/1
3. The company has fully implemented the national energy reform strategy, and has achieved significant results in the field of energy reform.	2/2				

Corporate Governance Report

The Board of Directors is committed to ensuring the highest standards of corporate governance and to providing a clear and transparent framework for the company's operations. This report outlines the key elements of our governance framework, including the roles and responsibilities of the Board, the Executive Committee, and the various committees that support the Board's oversight of the company's performance.

The Board of Directors is responsible for the overall strategic direction of the company and for monitoring and evaluating the performance of the Executive Committee. The Board also oversees the company's financial performance, risk management, and compliance with applicable laws and regulations.

Audit Committee The Audit Committee is responsible for overseeing the company's financial reporting process and for monitoring the effectiveness of the company's internal controls. The Committee also oversees the company's relationship with the external auditors.

The Board of Directors is committed to ensuring the highest standards of corporate governance and to providing a clear and transparent framework for the company's operations. This report outlines the key elements of our governance framework, including the roles and responsibilities of the Board, the Executive Committee, and the various committees that support the Board's oversight of the company's performance.

Audit Committee The Audit Committee is responsible for overseeing the company's financial reporting process and for monitoring the effectiveness of the company's internal controls. The Committee also oversees the company's relationship with the external auditors.

Corporate Governance Report

... 2021, the Board of Directors, the Board of Supervisors, the Management, and the Shareholders of the Company have all actively participated in the work of the Board of Directors, the Board of Supervisors, the Management, and the Shareholders of the Company.

2.1.1. Shareholders

... 2021, the Board of Directors, the Board of Supervisors, the Management, and the Shareholders of the Company have all actively participated in the work of the Board of Directors, the Board of Supervisors, the Management, and the Shareholders of the Company.

As of the end of 2021, the Company has a total of 777 shareholders, of which 619 are natural persons and 158 are legal persons. The Company has a total of 158 shareholders, of which 158 are legal persons.

... 2021, the Board of Directors, the Board of Supervisors, the Management, and the Shareholders of the Company have all actively participated in the work of the Board of Directors, the Board of Supervisors, the Management, and the Shareholders of the Company.

2.1.2. Board of Directors

... 2021, the Board of Directors, the Board of Supervisors, the Management, and the Shareholders of the Company have all actively participated in the work of the Board of Directors, the Board of Supervisors, the Management, and the Shareholders of the Company.

On 22 December 2021, the Board of Directors of the Company held its 2021 Annual Meeting. The Board of Directors of the Company held its 2021 Annual Meeting on 25 December 2021, and the Board of Directors of the Company held its 2021 Annual Meeting.

1.2.2.2.3.2.3.4.5.6.7.8.9.10.11.12.13.14.15.16.17.18.19.20.21.22.23.24.25.26.27.28.29.30.31.32.33.34.35.36.37.38.39.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63.64.65.66.67.68.69.70.71.72.73.74.75.76.77.78.79.80.81.82.83.84.85.86.87.88.89.90.91.92.93.94.95.96.97.98.99.100.

The Board of Directors is responsible for the overall strategy and performance of the company. The Board consists of independent non-executive directors, executive directors, and a chairman. The Board's role is to provide leadership and oversight to the company's management. The Board is also responsible for the company's financial performance and the interests of its shareholders. The Board meets regularly to discuss the company's operations and to make decisions on behalf of the shareholders. The Board's composition and the independence of its members are disclosed in the Corporate Governance Report. The Board's performance is evaluated annually by the shareholders. The Board is committed to transparency and accountability in its decision-making process. The Board's policies and procedures are designed to ensure the company's long-term success and the protection of its shareholders' interests.

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Independent Auditor's Report

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

The independent auditor's report is intended to provide an independent opinion on the financial statements of the Company for the period ended 31 December 2021, and is not intended to be used for any other purpose. The independent auditor's report is intended to be used for the purpose of providing an independent opinion on the financial statements of the Company for the period ended 31 December 2021, and is not intended to be used for any other purpose.

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Independent Auditor's Report

(continued)

Description of the matter	Auditor's response
<p>The auditor has identified a material weakness in the company's internal control over financial reporting. The weakness relates to the company's failure to maintain adequate records of its investments and liabilities. As of 31 December 2021, the company's investments were valued at \$114,134,000, and its liabilities were valued at \$75,150,000. The company's failure to maintain adequate records of its investments and liabilities could result in the company's financial statements being materially misstated.</p> <p>At 31 December 2021, the company's investments were valued at \$114,134,000, and its liabilities were valued at \$75,150,000. The company's failure to maintain adequate records of its investments and liabilities could result in the company's financial statements being materially misstated.</p> <p>The company's failure to maintain adequate records of its investments and liabilities could result in the company's financial statements being materially misstated.</p>	<p>The auditor has identified a material weakness in the company's internal control over financial reporting. The weakness relates to the company's failure to maintain adequate records of its investments and liabilities. As of 31 December 2021, the company's investments were valued at \$114,134,000, and its liabilities were valued at \$75,150,000. The company's failure to maintain adequate records of its investments and liabilities could result in the company's financial statements being materially misstated.</p> <p>The auditor has identified a material weakness in the company's internal control over financial reporting. The weakness relates to the company's failure to maintain adequate records of its investments and liabilities. As of 31 December 2021, the company's investments were valued at \$114,134,000, and its liabilities were valued at \$75,150,000. The company's failure to maintain adequate records of its investments and liabilities could result in the company's financial statements being materially misstated.</p> <p>The auditor has identified a material weakness in the company's internal control over financial reporting. The weakness relates to the company's failure to maintain adequate records of its investments and liabilities. As of 31 December 2021, the company's investments were valued at \$114,134,000, and its liabilities were valued at \$75,150,000. The company's failure to maintain adequate records of its investments and liabilities could result in the company's financial statements being materially misstated.</p>

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Independent Auditor's Report

Report on the Audit of the Financial Statements

We have audited the financial statements of Beijing Jingneng Clean Energy Co., Limited (the Company) for the year ended 31 December 2023, which comprise the balance sheet, the profit and loss account, the cash flow statement and the statement of changes in equity, and notes to the financial statements, including significant accounting policies.

In our opinion, the financial statements of the Company for the year ended 31 December 2023 give a true and fair view of the financial position of the Company as at that date and of its financial performance and cash flows for the year, in accordance with the applicable financial reporting framework.

Our audit was conducted in accordance with the applicable auditing standards.

Report on the Audit of the Internal Control over Financial Reporting

We have audited the internal control over financial reporting of the Company for the year ended 31 December 2023, which comprises the design and implementation of the internal control over financial reporting. In our opinion, the internal control over financial reporting of the Company for the year ended 31 December 2023 is effective in all material aspects.

Our audit was conducted in accordance with the applicable auditing standards.

The internal control over financial reporting of the Company for the year ended 31 December 2023 is effective in all material aspects. The internal control over financial reporting of the Company for the year ended 31 December 2023 is effective in all material aspects.

The internal control over financial reporting of the Company for the year ended 31 December 2023 is effective in all material aspects. The internal control over financial reporting of the Company for the year ended 31 December 2023 is effective in all material aspects.

Independent Auditor's Report

(continued)

The audit was conducted in accordance with the standards of the Institute of Chartered Accountants in England and Wales.

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Independent Auditor's Report

信永中和会计师事务所(特殊普通合伙) (Continued)

我们执行的审计程序包括：检查、观察、询问、函证、重新计算、重新执行、分析程序等。我们获取了充分、适当的审计证据，以支持我们的审计结论。我们认为，贵公司财务报表在所有重大方面公允反映了贵公司2022年12月31日的财务状况以及2022年度的经营成果和现金流量。

本审计报告仅供贵公司年度报告披露之目的使用，不得用作任何其他目的。我们不对贵公司未来经营成果作出任何保证。

信永中和会计师事务所(特殊普通合伙)
Certified Public Accountants

2022年12月31日

	Notes	2021 RMB'000	2020 RMB'000
...	6	1,353,32	17,003,306
...	8	903,13	77,33
...		(9,053,5)	(,04,303)
...	13	(3,119,54)	(2,11,261)
...	13	(1,092,4)	(6,25)
...		(42,22)	(54,657)
...	9	(2,254)	(7,73)
...	10	25,404	(13,160)
...		1,14	(1,510)
...		4,55,02	3,17,00
...	11	34,2	41,065
...	11	(1,309,29)	(1,150,47)
...		(1,91,95)	167,71
...		(3,94)	(22,063)
...		3,04,250	2,53,026
...	12	(595,04)	(557,041)
...	13	2,49,202	2,35,5
...		2,3,131	2,303,30
...	43	59,95	31,50
...		1,1	60,645
...		2,49,202	2,35,5
...	16	2.2	27.4

Consolidated Statement of Profit or Loss and Other Comprehensive Income

FOR THE YEAR ENDED 31 DECEMBER 2021

	31	
	2021	2020
	RMB'000	RMB'000
Revenue	2,492,022	2,355,505
Cost of sales		
Operating expenses		
Finance income		
Finance expense		
Share of profit of associates and joint ventures		
Other income		
Other expense		
Profit before income tax	42,200	1,026
Income tax expense		
Profit for the year		
Other comprehensive income		
Share of other comprehensive income of associates and joint ventures		
Other comprehensive income		
Profit for the year, net of tax		

Consolidated Statement of Financial Position

AT 31 DECEMBER 2021

		31	
	Notes	2021 RMB'000	2020 RMB'000
Non-current assets			
Property, plant and equipment	17	50,955,92	43,172,13
Intangible assets	18	1,492,1	1,431,342
Financial assets	19	4,399	4,410,754
Investments	20	114,134	10,04
Available-for-sale financial assets	22(a)	3,190,22	3,51,50
Contractual assets	22(b)	10,000	117,000
Available-for-sale financial assets	23(a)	93,110	130,04
Contractual assets	23(b)	0,000	70,000
Prepaid expenses	24	194	26,104
Deferred tax assets	25	109,3	66,11
Other non-current assets	29	1,55,553	1,114,305
Non-current assets held for sale		,532	1,072,426
Other non-current assets	31	,1	50,77
Other non-current assets	37	52,50	
		3,53,544	55,656,303
Current assets			
Accounts receivable	26	9,4	104,416
Prepaid expenses	27	11,31	,15,317
Other receivables, including related parties	28	30,49	463,77
Other current assets		12,4	16,565
Available-for-sale financial assets	48(a)	42,339	170,13
Other receivables	29	553,3	46,666
Contractual assets	30	20,20	16,043
Other current assets	31	23	4,577
Other current assets	32	5,09,300	4,27,450
		1,499,302	14,200,005

Consolidated Statement of Financial Position

AT 31 DECEMBER 2021

		31	
	Notes	2021 RMB'000	2020 RMB'000
Assets			
Current assets			
Monetary assets	33	5,932,333	5,051,533
Accounts receivable	48(b)	132,911	1,533
Prepaid expenses and other receivables	34	11,225,511	12,313,322
Inventory	35	5,941	7,060,656
Other current assets	36	2,091,245	6,656
Financial assets	36	1,025,411	26,121
Derivative assets		0	56,300
Investments	39	9,221	64,656
Prepaid long-term assets	37		1,576
Other assets		453	125,311
Non-current assets	38	1,931	22,336
		2,321,222	25,244,624
Current liabilities		(9,240)	(10,362,611)
Non-current liabilities		53,004	45,236,441
Total assets		24,044,044	1,26,371
Equity		29,330	26,366,471
Equity attributable to owners of the parent			
Capital			
Registered capital			
Reserves			
Surplus reserves	37	1,034	45,002
Other reserves	34	19,044,000	10,626
Other equity	36	2,494,339	4,467
Minority interests	36	999,421	1,244
Other equity		1,311	12,440
Other equity	24	21,912	13,615
Other equity	38	31,531	435,111
Other equity	39	11,221	36,336
Other equity	40	12,111	1,402
		24,044,044	1,26,371
		29,330	26,366,471

Consolidated Statement of Financial Position

AT 31 DECEMBER 2021

	Notes	31 2021 RMB'000	2020 RMB'000
Investment in subsidiaries	41	244,500	244,500
Investment in associates		1,031,900	16,240,142
Intangible assets		2,229	24,436,500
Goodwill	43	3,029,200	1,525,520
Other non-current assets		359,110	347,615
Total non-current assets		29,330	26,366,470

As at 31 December 2021, the Group's total assets of RMB29,330,000 (2020: RMB26,366,470) are primarily composed of investment in subsidiaries and associates, intangible assets, goodwill and other non-current assets.

Director

Director

Consolidated Statement of Changes in Equity

FOR THE YEAR ENDED 31 DECEMBER 2021

Attributable to equity holders of the parent

	Attributable to equity holders of the parent												
	Share Capital	Reserves	Retained Earnings	Other Reserves	Total	Shareholders' Equity	Minority Interest	Total	Non-controlling Interest	Total			
	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
	(Note 41)	(Note 42)	(note(a))	(note(b))						(Note 43)			
At January 1, 2020	244,50	3,34,473	22,64,420	(67,13)	10,714	(64,67)	(15,417)	513,76	22,672,66		402,641	23,075,30	
Issuance of shares								2,303,30	2,303,30	31,50	60,645	2,355,55	
Share-based payment					12,77	21,451	2,475		126,03			126,03	
Share repurchase									(4,666)			(4,666)	
Other comprehensive income													
Other equity transactions					211	21,451	2,475	2,303,30	2,425,27	31,50	60,645	2,511,22	
Attributable to equity holders of the parent													
Attribution of non-controlling interest (Note (c))						(600)			(600)		(4,60)	(50,20)	
Change in non-controlling interest										1,500,000		1,500,000	
Change in non-controlling interest										(6,36)		(6,36)	
Attributable to equity holders of the parent			152,240					(152,240)					
Share-based payment								(5,253)	(5,253)		(65,1)	(661,244)	
Share repurchase													
Other comprehensive income													
Other equity transactions													
Attributable to equity holders of the parent						(24,42)		24,42					
Other comprehensive income													
Other equity transactions													
At December 31, 2020	244,50	3,34,473	2,43,660	(76,430)	(5,503)	(43,227)	(2,42)	10,04,111	24,43,650	1,525,52	347,615	26,366,47	

Consolidated Statement of Financial Results

	2021				2020				2019			
	RMB'000 (N . e 41)	RMB'000 (N . e 42)	RMB'000 (n . e(a))	RMB'000 (n . e(b))	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
At January 1, 2021	244,50	3,934,43	243,0	(,430)	(5,503)	(43,22)	(92,942)	10,094,111	24,493,50	1,525,52	34,15	2,3,4
Net income								2,3,131	2,3,131	59,95	1,1	2,4,9,202
Other comprehensive income (loss), net of tax					32,045	23,3	(,33)		(22,92)			(22,92)
Other comprehensive income (loss), net of tax					4,				4,			4,
At December 31, 2021					3,11	23,3	(,33)	2,3,131	2,349,1	59,95	1,1	2,4,0,942

Consolidated Statement of Changes in Equity

Notes:

- () 本報表附註第 10 項所述，本公司在 2020 年 1 月 1 日開始，將以前在合併報表中列示的「其他綜合收益」重分類至「其他權益」。此外，本公司在 2020 年 1 月 1 日開始，將以前在合併報表中列示的「其他綜合收益」重分類至「其他權益」。
- () 本報表附註第 10 項所述，本公司在 2020 年 1 月 1 日開始，將以前在合併報表中列示的「其他綜合收益」重分類至「其他權益」。
- () 本公司於 2020 年 1 月 1 日開始，將以前在合併報表中列示的「其他綜合收益」重分類至「其他權益」。

Consolidated Statement of Cash Flows

FOR THE YEAR ENDED 31 DECEMBER 2021

	31	
	2021	2020
	RMB'000	RMB'000
Operating activities		
Profit before taxation	3,042,50	2,53,026
Adjusted for:		
Depreciation and amortisation	3,119,54	2,11,261
Financial income	(1,09)	50,44
Financial expense	,993	11,521
Gain on disposal of property, plant and equipment	5,915	
Gain on disposal of investment	(1,14)	1,510
Gain on disposal of subsidiaries, and disposal of investment in subsidiaries, and disposal of investment in associates	9,935	14,633
(Loss) on disposal of investment in subsidiaries	(5,343)	1,300
Share of profit of associates	1,9195	(167,71)
Share of profit of subsidiaries	3,94	22,063
Dividends received	(34,2)	(41,065)
Interest received	1,309,29	1,150,47
Interest on subsidiaries	(34,190)	(151,051)
Interest on investment in subsidiaries	(5,323)	(5,277)
Interest on investment in associates	(555,)	(47,0)
Change in non-current assets and liabilities	,05,452	6,20,41
Investment in subsidiaries	,045	2,06
Investment in associates	(1,951)	(3,2,556)
Investment in subsidiaries	(311,)	(116,222)
Investment in associates	10,91	503,313
Investment in subsidiaries	(5,9)	(40,330)
(Loss) on disposal of investment in subsidiaries	(,90)	3,037
Investment in associates	291,055	341,711
Investment in subsidiaries	30,34	6,741
Change in current assets and liabilities	5,4,1	3,133,704
Change in current assets	(521,2)	(531,6)
Change in current liabilities	4,955,550	2,601,0

Consolidated Statement of Cash Flows

FOR THE YEAR ENDED 31 DECEMBER 2021

	31	
	2021	2020
	RMB'000	RMB'000
Operating activities		
Receipts from sales of goods	34, 2	42, 14
Receipts from sales of services	194,0	6, 2
Receipts from disposal of non-current assets	9,000	134,000
Receipts from disposal of subsidiaries		75,000
Payments for acquisition of non-current assets		(117,000)
Payments for acquisition of subsidiaries		(70,000)
Payments for acquisition of non-current assets	(19,120)	(1,222,000)
Payments for interest		
Payments for interest on bank borrowings	(, 3 ,2 1)	(7,235, 20)
Payments for interest on other borrowings	(4 ,1 1)	(6 ,417)
Payments for interest on lease liabilities	(0,11)	(10,76)
Payments for interest on financial assets	(1,405,929)	(142, 52)
Payments for interest on bank deposits	,020	34,224
Payments for interest on other financial assets	,2 2	4, 5
Payments for interest on other financial liabilities	(19, 49)	(3,0 6)
Payments for interest on other financial liabilities	1,5 3	3,035
Change in cash and cash equivalents	(10,0 ,442)	(,56 , 4)

Consolidated Statement of Cash Flows

FOR THE YEAR ENDED 31 DECEMBER 2021

		31	
	Note	2021 RMB'000	2020 RMB'000
Operating activities			
Profit before income tax		1,535	
Adjustments for:			
Depreciation		(1,209,909)	(1,000,351)
Amortisation of intangible assets		22,239,303	12,272,425
Impairment losses on non-current assets		(1,300,404)	(,647,700)
Provision for doubtful accounts		11,500,000	10,500,000
Gain on disposal of intangible assets		(13,300)	(11,330)
Gain on disposal of property, plant and equipment		(11,000,000)	(,500,000)
Provision for uncertain tax liabilities			1,000,000
Gain on disposal of financial assets			(1,415)
Provision for uncertain tax liabilities			1,000,000
Gain on disposal of financial assets			(35)
Provision for uncertain tax liabilities		1,500,000	1,500,000
Gain on disposal of financial assets		(5,915)	(6,360)
Gain on disposal of financial assets		(4,301)	(4,321)
Gain on disposal of financial assets		(5,223)	(5,525)
Gain on disposal of financial assets		(55,500)	(137,133)
Gain on disposal of financial assets		(51,000)	
		5,400	6,12,711
Investing activities			
Proceeds from disposal of property, plant and equipment		3,500	225,535
Proceeds from disposal of intangible assets		4,29,450	4,056,110
Proceeds from disposal of financial assets		35,905	15,005
		5,09,300	4,27,450
Financing activities			
Proceeds from issuance of equity	32	5,09,300	4,27,450
		5,09,300	4,27,450

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

1. 附屬公司

本公司附屬公司包括以下公司(統稱為“附屬公司”)。附屬公司均為非上市公司，其財務報表均按照中國會計準則編制。本公司對附屬公司具有控制權。

本公司附屬公司包括以下公司(統稱為“附屬公司”)。附屬公司均為非上市公司，其財務報表均按照中國會計準則編制。本公司對附屬公司具有控制權。

北京能源集團有限責任公司(北京能源集團)為本公司之附屬公司。北京能源集團為北京國有資本運營管理有限公司(北京國有資本)之附屬公司。北京國有資本為北京市人民政府國有資產監督管理委員會(北京市國資委)之附屬公司。

北京國有資本運營管理有限公司(北京國有資本)為本公司之附屬公司。北京國有資本為北京市人民政府國有資產監督管理委員會(北京市國資委)之附屬公司。

北京國有資本運營管理有限公司(北京國有資本)為本公司之附屬公司。北京國有資本為北京市人民政府國有資產監督管理委員會(北京市國資委)之附屬公司。

2. 合資公司

本公司合資公司包括以下公司(統稱為“合資公司”)。合資公司均為非上市公司，其財務報表均按照中國會計準則編制。本公司對合資公司具有共同控制權。

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

3. **Intangible Assets** (continued)

Intangible assets are measured at cost less accumulated amortisation and impairment losses. Amortisation is calculated on a straight-line basis over the expected useful life of the asset. The useful life of an intangible asset is determined based on the expected period over which the asset will generate cash flows for the entity. The amortisation period and method for an intangible asset are reviewed at each reporting date to ensure that the carrying amount is not greater than the recoverable amount.

Amortisation expense	16	<i>Covid-19-Related Rent Concessions</i>
Amortisation expense	3	<i>Interest Rate Benchmark Reform-Phase 2</i>
Impairment losses	7	
	4	
	16	

The carrying amount of intangible assets is disclosed in the consolidated statement of financial position. The carrying amount of intangible assets is disclosed in the consolidated statement of financial position.

3.1 **Intangible Assets** (continued)

Intangible assets are measured at cost less accumulated amortisation and impairment losses. Amortisation is calculated on a straight-line basis over the expected useful life of the asset. The useful life of an intangible asset is determined based on the expected period over which the asset will generate cash flows for the entity. The amortisation period and method for an intangible asset are reviewed at each reporting date to ensure that the carrying amount is not greater than the recoverable amount.

The carrying amount of intangible assets is disclosed in the consolidated statement of financial position.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

3.	Notes to the Consolidated Financial Statements (continued)	
17	Insurance Contracts and the related Amendments ³	
▲ Note 3	Reference to the Conceptual Framework ²	
▲ Note 10	Sale or Contribution of Assets between an Investor and its Associate or Joint Venture ⁴	
▲ Note 2	Covid-19-Related Rent Concessions beyond 30 June 2021 ¹	
▲ Note 16	Classification of Liabilities as Current or Non-current ³	
▲ Note 1	Disclosure of Accounting Policies ³	
▲ Note 1	Definition of Accounting Estimates ³	
▲ Note 2	Deferred Tax related to Assets and Liabilities arising from a Single Transaction ³	
▲ Note 12	Property, Plant and Equipment – Proceeds before Intended Use ²	
▲ Note 16	Onerous Contracts – Cost of Fulfilling a Contract ²	
▲ Note 37	Annual Improvements to IFRSs 2018 – 2020 ²	

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

3. **Intangible Assets** (continued) (c.n.in ed)

Intangible assets are measured at cost less accumulated amortization and impairment losses. (c.n.in ed)

Intangible assets

- (1) Intangible assets are measured at cost less accumulated amortization and impairment losses.
- (2) Intangible assets are measured at cost less accumulated amortization and impairment losses.
- (3) Intangible assets are measured at cost less accumulated amortization and impairment losses.
- (4) Intangible assets are measured at cost less accumulated amortization and impairment losses.

Intangible assets are measured at cost less accumulated amortization and impairment losses. Intangible assets are measured at cost less accumulated amortization and impairment losses. Intangible assets are measured at cost less accumulated amortization and impairment losses.

Amendments to IFRS 3 Reference to the Conceptual Framework

Intangible assets

Intangible assets are measured at cost less accumulated amortization and impairment losses. Intangible assets are measured at cost less accumulated amortization and impairment losses. Intangible assets are measured at cost less accumulated amortization and impairment losses.

Intangible assets are measured at cost less accumulated amortization and impairment losses. Intangible assets are measured at cost less accumulated amortization and impairment losses. Intangible assets are measured at cost less accumulated amortization and impairment losses.

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Intangible assets are measured at cost less accumulated amortization and impairment losses. Intangible assets are measured at cost less accumulated amortization and impairment losses. Intangible assets are measured at cost less accumulated amortization and impairment losses.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

3. **Amendments to International Financial Reporting Standards (IFRSs) (continued)**

Amendments to IFRSs issued by the International Accounting Standards Board (IASB) during the reporting period are summarized below. (continued)

Amendments to IAS 16 Property, Plant, and Equipment: Proceeds before Intended Use

The amendments to IAS 16 require that the cost of an item of property, plant, and equipment includes the costs of dismantling and removing the item and restoring the site on which the item is located, and the costs of site restoration that are incurred by the entity or by another party to the entity, and the costs of the item are recognized as an expense when the item is derecognized. The amendments also require that the cost of an item of property, plant, and equipment includes the costs of the item and the costs of the item's dismantling and removal, and the costs of the item's restoration that are incurred by the entity or by another party to the entity, and the costs of the item are recognized as an expense when the item is derecognized.

The amendments to IAS 16 are effective for annual periods beginning on or after 1 January 2022.

Amendments to IAS 12 Deferred Tax Liabilities: Accounting for a Single Transition

The amendments to IAS 12 require that an entity that has a deferred tax liability arising from a single transition should recognize the liability as an expense when the liability is derecognized.

The amendments to IAS 12 are effective for annual periods beginning on or after 1 January 2022.

The amendments to IAS 12 are effective for annual periods beginning on or after 1 January 2022.

The amendments to IAS 12 are effective for annual periods beginning on or after 1 January 2023, with the exception of the amendments to IAS 12 that are effective for annual periods beginning on or after 1 January 2021, which are effective for annual periods beginning on or after 1 January 2021. The amendments to IAS 12 are effective for annual periods beginning on or after 1 January 2021, with the exception of the amendments to IAS 12 that are effective for annual periods beginning on or after 1 January 2023, which are effective for annual periods beginning on or after 1 January 2023.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1

The consolidated financial statements are prepared on the basis of the accounting policies set out in the consolidated financial statements. The accounting policies are consistent with the accounting policies adopted in the consolidated financial statements for the year ended 31 December 2020.

The consolidated financial statements are prepared on the basis of the accounting policies set out in the consolidated financial statements. The accounting policies are consistent with the accounting policies adopted in the consolidated financial statements for the year ended 31 December 2020.

The consolidated financial statements are prepared on the basis of the accounting policies set out in the consolidated financial statements. The accounting policies are consistent with the accounting policies adopted in the consolidated financial statements for the year ended 31 December 2020.

The consolidated financial statements are prepared on the basis of the accounting policies set out in the consolidated financial statements. The accounting policies are consistent with the accounting policies adopted in the consolidated financial statements for the year ended 31 December 2020.

2 Share-based Payment, 16 (note 17 (share-based payment) 16), and **2 Inventories** 36 **Impairment of Assets**.

The consolidated financial statements are prepared on the basis of the accounting policies set out in the consolidated financial statements. The accounting policies are consistent with the accounting policies adopted in the consolidated financial statements for the year ended 31 December 2020.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. **Financial Instruments** (continued)

4.1 **Financial Instruments** (continued)

On 31 December 2021, the Group's financial instruments include cash and bank deposits, trade receivables, trade payables, other receivables, other payables, and financial assets and liabilities. The Group's financial instruments are classified into Level 1, 2 or 3, depending on the availability of reliable information about the instruments. The Group's financial instruments are classified into Level 1, 2 or 3, depending on the availability of reliable information about the instruments.

The Group's financial instruments are classified into Level 1, 2 or 3, depending on the availability of reliable information about the instruments.

The Group's financial instruments are classified into Level 1, 2 or 3, depending on the availability of reliable information about the instruments.

The Group's financial instruments are classified into Level 1, 2 or 3, depending on the availability of reliable information about the instruments.

4.2 **Financial Instruments**

Baifeng Clean Energy

The Group's financial instruments are classified into Level 1, 2 or 3, depending on the availability of reliable information about the instruments.

The Group's financial instruments are classified into Level 1, 2 or 3, depending on the availability of reliable information about the instruments.

The Group's financial instruments are classified into Level 1, 2 or 3, depending on the availability of reliable information about the instruments.

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The Group's financial instruments are classified into Level 1, 2 or 3, depending on the availability of reliable information about the instruments.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 **Financial instruments** (continued)

4.2 **Financial instruments** (continued)

Balance Sheet (continued)

The consolidated financial statements are prepared on the basis of the accounting policies set out in the consolidated financial statements.

All financial instruments are measured at fair value, unless otherwise stated. The fair value of financial instruments is determined using the following methods:

Financial instruments that are measured at fair value are classified as either financial assets or financial liabilities. The classification is based on the nature of the instrument and the entity's business model for managing the instrument.

Change in the Group's net equity (continued)

The consolidated financial statements are prepared on the basis of the accounting policies set out in the consolidated financial statements. The consolidated financial statements are prepared on the basis of the accounting policies set out in the consolidated financial statements.

All financial instruments are measured at fair value, unless otherwise stated. The fair value of financial instruments is determined using the following methods:

Financial instruments that are measured at fair value are classified as either financial assets or financial liabilities. The classification is based on the nature of the instrument and the entity's business model for managing the instrument. The consolidated financial statements are prepared on the basis of the accounting policies set out in the consolidated financial statements.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. *Intangible assets* (continued)

	2021	2020
4.2 <i>Goodwill</i> (continued)		
<i>Balance</i>		
<i>Original concern, a.i.n.e.</i>		
At the end of the reporting period, the goodwill is non-identifiable intangible assets.		

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 *Intangible Assets* (continued)

4.2 *Goodwill* (continued)

Business combinations (continued)

Business combinations (continued)

At the end of the reporting period, the Group has the following intangible assets:

... 1 *Employee Benefits* ...

... 2 *Share-based Payment* ...

... 5 *Non-current Assets Held for Sale and Discontinued Operations* ...

... 16 ...

... () ...

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

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Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 *(continued)*

4.2 *(continued)*

Goodwill (continued)

At 31 December 2021, goodwill is stated at the net amount of the identifiable intangible assets acquired in the business combination less the amount of the identifiable intangible assets acquired in the business combination. Goodwill is stated at the net amount of the identifiable intangible assets acquired in the business combination less the amount of the identifiable intangible assets acquired in the business combination.

Under the terms of the business combination, the identifiable intangible assets acquired in the business combination are stated at the net amount of the identifiable intangible assets acquired in the business combination less the amount of the identifiable intangible assets acquired in the business combination.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. **Intangible Assets** (continued)

4.2 **Goodwill** (continued)

Intangible Assets in a Subsidiary and a Joint Venture (continued)

The goodwill in the consolidated financial statements represents the excess of the purchase price over the fair value of the identifiable intangible assets acquired in the business combination. The goodwill is measured at cost less accumulated impairment losses. The goodwill is not amortized but is tested for impairment annually, or more frequently if there are indicators that the goodwill may be impaired. The goodwill is tested for impairment by comparing the carrying amount of the cash-generating unit to its recoverable amount. If the carrying amount exceeds the recoverable amount, the goodwill is impaired and the impairment loss is recognized in the consolidated income statement. The impairment loss is first allocated to the goodwill and then to the other intangible assets in the cash-generating unit. The goodwill is measured at the end of the reporting period at cost less accumulated impairment losses. The goodwill is not amortized but is tested for impairment annually, or more frequently if there are indicators that the goodwill may be impaired. The goodwill is tested for impairment by comparing the carrying amount of the cash-generating unit to its recoverable amount. If the carrying amount exceeds the recoverable amount, the goodwill is impaired and the impairment loss is recognized in the consolidated income statement. The impairment loss is first allocated to the goodwill and then to the other intangible assets in the cash-generating unit. The goodwill is measured at the end of the reporting period at cost less accumulated impairment losses.

Annual impairment tests are performed on goodwill. The recoverable amount of the cash-generating unit is determined as the maximum of the fair value less costs of disposal and the value in use. The value in use is determined as the present value of the estimated future cash flows expected to be received from the cash-generating unit. The impairment loss is first allocated to the goodwill and then to the other intangible assets in the cash-generating unit. The goodwill is measured at the end of the reporting period at cost less accumulated impairment losses.

The goodwill in the consolidated financial statements represents the excess of the purchase price over the fair value of the identifiable intangible assets acquired in the business combination. The goodwill is measured at cost less accumulated impairment losses. The goodwill is not amortized but is tested for impairment annually, or more frequently if there are indicators that the goodwill may be impaired. The goodwill is tested for impairment by comparing the carrying amount of the cash-generating unit to its recoverable amount. If the carrying amount exceeds the recoverable amount, the goodwill is impaired and the impairment loss is recognized in the consolidated income statement. The impairment loss is first allocated to the goodwill and then to the other intangible assets in the cash-generating unit. The goodwill is measured at the end of the reporting period at cost less accumulated impairment losses.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 *Intangible assets* (continued)

4.2 *Goodwill* (continued)

Intangible assets and goodwill (continued)

The intangible assets and goodwill are measured at cost less accumulated amortisation and impairment losses. The intangible assets are amortised over their useful lives. The useful lives of the intangible assets are determined based on the expected period over which the intangible assets will generate cash flows for the entity. The intangible assets are amortised on a straight-line basis. The intangible assets are classified as non-current assets. The intangible assets are included in the consolidated financial statements as follows:

The intangible assets and goodwill are measured at cost less accumulated amortisation and impairment losses. The intangible assets are amortised over their useful lives. The useful lives of the intangible assets are determined based on the expected period over which the intangible assets will generate cash flows for the entity. The intangible assets are amortised on a straight-line basis. The intangible assets are classified as non-current assets. The intangible assets are included in the consolidated financial statements as follows:

The intangible assets and goodwill are measured at cost less accumulated amortisation and impairment losses. The intangible assets are amortised over their useful lives. The useful lives of the intangible assets are determined based on the expected period over which the intangible assets will generate cash flows for the entity. The intangible assets are amortised on a straight-line basis. The intangible assets are classified as non-current assets. The intangible assets are included in the consolidated financial statements as follows:

The intangible assets and goodwill are measured at cost less accumulated amortisation and impairment losses. The intangible assets are amortised over their useful lives. The useful lives of the intangible assets are determined based on the expected period over which the intangible assets will generate cash flows for the entity. The intangible assets are amortised on a straight-line basis. The intangible assets are classified as non-current assets. The intangible assets are included in the consolidated financial statements as follows:

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 (continued)

(continued)

4.2

Reclassification of financial instruments

At the end of the reporting period, the Company has financial instruments that are classified as financial assets or liabilities. The classification is based on the substance of the financial instrument's contractual terms and the Company's business model for managing the financial instrument.

At the end of the reporting period, the Company has financial instruments that are classified as financial assets or liabilities. The classification is based on the substance of the financial instrument's contractual terms and the Company's business model for managing the financial instrument.

At the end of the reporting period, the Company has financial instruments that are classified as financial assets or liabilities. The classification is based on the substance of the financial instrument's contractual terms and the Company's business model for managing the financial instrument.

At the end of the reporting period, the Company has financial instruments that are classified as financial assets or liabilities. The classification is based on the substance of the financial instrument's contractual terms and the Company's business model for managing the financial instrument.

At the end of the reporting period, the Company has financial instruments that are classified as financial assets or liabilities. The classification is based on the substance of the financial instrument's contractual terms and the Company's business model for managing the financial instrument.

At the end of the reporting period, the Company has financial instruments that are classified as financial assets or liabilities. The classification is based on the substance of the financial instrument's contractual terms and the Company's business model for managing the financial instrument.

At the end of the reporting period, the Company has financial instruments that are classified as financial assets or liabilities. The classification is based on the substance of the financial instrument's contractual terms and the Company's business model for managing the financial instrument.

At the end of the reporting period, the Company has financial instruments that are classified as financial assets or liabilities. The classification is based on the substance of the financial instrument's contractual terms and the Company's business model for managing the financial instrument.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. *Financial instruments* (continued)
- 4.2 *Financial assets* (continued)
- Receivables* (continued)
- Receivables from related parties* (continued)

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. **Intangible Assets** (continued)

4.2 **Goodwill** (continued)

Leasee

Definition of a leasee

A leasee is a person, or a group of related parties, that has the right to use an asset under a contract.

A leasee is a person, or a group of related parties, who has the right to use an asset under a contract. The contract is a contract that transfers the right to use an asset for a period of time of 12 months or more, and the contract is not cancellable. The contract is not cancellable, and the contract is not cancellable. The contract is not cancellable, and the contract is not cancellable.

The Group as a leasee

When the Group is a leasee, the lease is accounted for as follows:

A lease is a contract that transfers the right to use an asset for a period of time of 12 months or more, and the contract is not cancellable. The contract is not cancellable, and the contract is not cancellable. The contract is not cancellable, and the contract is not cancellable.

The Group is a leasee of the following assets:

A lease is a contract that transfers the right to use an asset for a period of time of 12 months or more, and the contract is not cancellable. The contract is not cancellable, and the contract is not cancellable. The contract is not cancellable, and the contract is not cancellable.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 *Leasehold property* (continued)

4.2 *Leasehold property* (continued)

Leasehold property (continued)

The Group's leasehold property (continued)

Leasehold property

The Group's leasehold property is held for use in the ordinary course of its operations. The leasehold property is held under leases with terms ranging from 12 months to 10 years. The Group's leasehold property is held under leases with terms ranging from 12 months to 10 years. The Group's leasehold property is held under leases with terms ranging from 12 months to 10 years.

Leasehold property

Leasehold property

Leasehold property

Leasehold property

Leasehold property

Leasehold property

Leasehold property

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. **Intangible Assets** (continued)

4.2 **Goodwill** (continued)

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Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 **Lease** (continued)

4.2 **Lease** (continued)

Lease (continued)

The Group as a lessee (continued)

Lease (continued)

Lease

Lease

Lease

At the end of the reporting period, the Group had the following lease

Lease

Foreign currency

Foreign currency

Foreign currency

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.	Financial instruments	(c.n.in.ed)
4.2	Financial instruments	(c.n.in.ed)

Foreign currency (c.n.in.ed)

The Group's operations are conducted in various currencies. The functional currency of the Group is the Renminbi. The Group's financial statements are presented in the Renminbi. The Group's financial statements are prepared in accordance with the accounting policies of the Group. The Group's financial statements are prepared in accordance with the accounting policies of the Group. The Group's financial statements are prepared in accordance with the accounting policies of the Group.

The Group's financial statements are prepared in accordance with the accounting policies of the Group. The Group's financial statements are prepared in accordance with the accounting policies of the Group. The Group's financial statements are prepared in accordance with the accounting policies of the Group.

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The Group's financial statements are prepared in accordance with the accounting policies of the Group. The Group's financial statements are prepared in accordance with the accounting policies of the Group. The Group's financial statements are prepared in accordance with the accounting policies of the Group.

The Group's financial statements are prepared in accordance with the accounting policies of the Group. The Group's financial statements are prepared in accordance with the accounting policies of the Group. The Group's financial statements are prepared in accordance with the accounting policies of the Group.

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Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. **Intangible Assets** (continued)

4.2 **Goodwill** (continued)

Ta a i n

Goodwill is an intangible asset that is not identifiable and is measured as the excess of the amount paid for an acquisition over the fair value of the identifiable intangible assets acquired.

Goodwill is measured at cost less accumulated impairment losses. Goodwill is tested for impairment annually, or more frequently if there are indicators that the goodwill may be impaired. For the purpose of impairment testing, goodwill is allocated to each of the cash-generating units (CGUs) that are expected to benefit from the synergies to a large extent from the acquisition. The carrying amount of goodwill is tested by comparing the carrying amount of the cash-generating unit containing the goodwill with its recoverable amount. The recoverable amount is the maximum of the fair value less costs of disposal and the value in use. If the carrying amount of the cash-generating unit exceeds its recoverable amount, the impairment loss is first allocated to the goodwill, and then to the other intangible assets in the cash-generating unit.

Goodwill is measured at cost less accumulated impairment losses. Goodwill is tested for impairment annually, or more frequently if there are indicators that the goodwill may be impaired. For the purpose of impairment testing, goodwill is allocated to each of the cash-generating units (CGUs) that are expected to benefit from the synergies to a large extent from the acquisition. The carrying amount of goodwill is tested by comparing the carrying amount of the cash-generating unit containing the goodwill with its recoverable amount. The recoverable amount is the maximum of the fair value less costs of disposal and the value in use. If the carrying amount of the cash-generating unit exceeds its recoverable amount, the impairment loss is first allocated to the goodwill, and then to the other intangible assets in the cash-generating unit.

Goodwill is measured at cost less accumulated impairment losses. Goodwill is tested for impairment annually, or more frequently if there are indicators that the goodwill may be impaired. For the purpose of impairment testing, goodwill is allocated to each of the cash-generating units (CGUs) that are expected to benefit from the synergies to a large extent from the acquisition. The carrying amount of goodwill is tested by comparing the carrying amount of the cash-generating unit containing the goodwill with its recoverable amount. The recoverable amount is the maximum of the fair value less costs of disposal and the value in use. If the carrying amount of the cash-generating unit exceeds its recoverable amount, the impairment loss is first allocated to the goodwill, and then to the other intangible assets in the cash-generating unit.

Goodwill is measured at cost less accumulated impairment losses. Goodwill is tested for impairment annually, or more frequently if there are indicators that the goodwill may be impaired. For the purpose of impairment testing, goodwill is allocated to each of the cash-generating units (CGUs) that are expected to benefit from the synergies to a large extent from the acquisition. The carrying amount of goodwill is tested by comparing the carrying amount of the cash-generating unit containing the goodwill with its recoverable amount. The recoverable amount is the maximum of the fair value less costs of disposal and the value in use. If the carrying amount of the cash-generating unit exceeds its recoverable amount, the impairment loss is first allocated to the goodwill, and then to the other intangible assets in the cash-generating unit.

Goodwill is measured at cost less accumulated impairment losses. Goodwill is tested for impairment annually, or more frequently if there are indicators that the goodwill may be impaired. For the purpose of impairment testing, goodwill is allocated to each of the cash-generating units (CGUs) that are expected to benefit from the synergies to a large extent from the acquisition. The carrying amount of goodwill is tested by comparing the carrying amount of the cash-generating unit containing the goodwill with its recoverable amount. The recoverable amount is the maximum of the fair value less costs of disposal and the value in use. If the carrying amount of the cash-generating unit exceeds its recoverable amount, the impairment loss is first allocated to the goodwill, and then to the other intangible assets in the cash-generating unit.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 **Intangible assets** (continued)

4.2 **Goodwill** (continued)

Table 1 (continued)

Goodwill represents the excess of the purchase price over the fair value of the identifiable intangible assets acquired in a business combination. Goodwill is measured at cost less accumulated impairment losses. Goodwill is not amortized and is tested for impairment annually, or more frequently if events or changes in circumstances indicate that the carrying amount may not be recoverable.

Goodwill is measured at cost less accumulated impairment losses. Goodwill is not amortized and is tested for impairment annually, or more frequently if events or changes in circumstances indicate that the carrying amount may not be recoverable.

Goodwill is measured at cost less accumulated impairment losses. Goodwill is not amortized and is tested for impairment annually, or more frequently if events or changes in circumstances indicate that the carrying amount may not be recoverable.

Goodwill is measured at cost less accumulated impairment losses. Goodwill is not amortized and is tested for impairment annually, or more frequently if events or changes in circumstances indicate that the carrying amount may not be recoverable.

Goodwill is measured at cost less accumulated impairment losses. Goodwill is not amortized and is tested for impairment annually, or more frequently if events or changes in circumstances indicate that the carrying amount may not be recoverable.

Goodwill is measured at cost less accumulated impairment losses. Goodwill is not amortized and is tested for impairment annually, or more frequently if events or changes in circumstances indicate that the carrying amount may not be recoverable.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. **Intangible assets** (continued)

4.2 **Patents, trademarks and other intangible assets** (continued)

Patents, trademarks and other intangible assets

At the end of the reporting period, the intangible assets under development, which are not available for use, are as follows:

These intangible assets are expected to be available for use in the next reporting period.

At the end of the reporting period, the intangible assets under development, which are not available for use, are as follows:

Other intangible assets in leasehold land and building

Intangible assets under development are not available for use, which are as follows:

These intangible assets under development are not available for use, which are as follows:

These intangible assets under development are not available for use, which are as follows:

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

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Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. **Intangible Assets** (continued)

4.2 **Goodwill** (continued)

In.angible a.ets (continued)

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Intangible assets acquired in business combinations are measured at fair value at the acquisition date. The fair value of an intangible asset acquired in a business combination is the amount of consideration transferred for the asset (excluding goodwill) less the fair value of any other intangible assets acquired.

Goodwill is the excess of the consideration transferred, plus the fair value of any non-controlling interest and any former equity interest in the acquiree, over the fair value of the identifiable intangible assets acquired in a business combination.

Goodwill is tested for impairment annually, or more frequently if events or changes in circumstances indicate that there may be an impairment. The impairment test is performed by comparing the carrying amount of the cash-generating unit containing the goodwill with its recoverable amount. If the carrying amount exceeds the recoverable amount, the goodwill is impaired. Impairment losses are recognized in the consolidated income statement.

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At the end of the reporting period, the carrying amount of goodwill is tested for impairment, either individually or together with other intangible assets, and the results are included in the consolidated income statement. Goodwill is tested for impairment by comparing the carrying amount of the cash-generating unit to its recoverable amount. If the carrying amount of the cash-generating unit exceeds its recoverable amount, the impairment is first allocated to the goodwill, and then to the other intangible assets in the unit.

Goodwill is measured at cost less accumulated impairment losses. Goodwill is not amortized. Goodwill is tested for impairment annually, or more frequently if events or changes in circumstances indicate that there may be an impairment. The impairment test is performed by comparing the carrying amount of the cash-generating unit containing the goodwill with its recoverable amount. If the carrying amount exceeds the recoverable amount, the goodwill is impaired. Impairment losses are recognized in the consolidated income statement.

Intangible assets are recognized in the consolidated balance sheet at the lower of carrying amount and recoverable amount. Recoverable amount is the maximum of fair value less costs of disposal and value in use. Fair value less costs of disposal is the amount obtainable from the disposal of the asset, net of the costs of disposal. Value in use is the present value of the future cash flows expected to be derived from the asset. Intangible assets are tested for impairment annually, or more frequently if events or changes in circumstances indicate that there may be an impairment. The impairment test is performed by comparing the carrying amount of the cash-generating unit containing the intangible asset with its recoverable amount. If the carrying amount exceeds the recoverable amount, the intangible asset is impaired. Impairment losses are recognized in the consolidated income statement.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 *Intangible assets* (continued)

4.2 *Goodwill* (continued)

Intangible assets, including goodwill, are measured at cost less accumulated amortisation and impairment losses. Goodwill is measured as the excess of the cost of an acquisition over the fair value of the identifiable intangible assets acquired.

Goodwill is measured as the excess of the cost of an acquisition over the fair value of the identifiable intangible assets acquired. Goodwill is measured as the excess of the cost of an acquisition over the fair value of the identifiable intangible assets acquired.

Goodwill is measured as the excess of the cost of an acquisition over the fair value of the identifiable intangible assets acquired. Goodwill is measured as the excess of the cost of an acquisition over the fair value of the identifiable intangible assets acquired.

Goodwill is measured as the excess of the cost of an acquisition over the fair value of the identifiable intangible assets acquired. Goodwill is measured as the excess of the cost of an acquisition over the fair value of the identifiable intangible assets acquired.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 Revenue from contracts with customers (continued)

4.2 Revenue from contracts with customers (continued)

Income

Revenue from contracts with customers is recognized when control of the goods or services is transferred to the customer. Revenue is measured at the fair value of the consideration received or receivable, net of discounts and trade allowances. Revenue is recognized when the following criteria are met: the customer has approved the goods or services, the company has transferred control of the goods or services to the customer, the amount of revenue can be reliably measured, and it is probable that the company will receive the consideration.

Financial instruments

The company's financial instruments include cash, accounts receivable, accounts payable, and other receivables. All financial instruments are initially recognized at fair value. Subsequent to initial recognition, financial instruments are measured at amortized cost, unless they are designated as fair value through profit or loss. The company's financial instruments are not subject to credit risk.

The company's financial instruments include cash, accounts receivable, accounts payable, and other receivables. All financial instruments are initially recognized at fair value. Subsequent to initial recognition, financial instruments are measured at amortized cost, unless they are designated as fair value through profit or loss. The company's financial instruments are not subject to credit risk.

The company's financial instruments include cash, accounts receivable, accounts payable, and other receivables. All financial instruments are initially recognized at fair value. Subsequent to initial recognition, financial instruments are measured at amortized cost, unless they are designated as fair value through profit or loss. The company's financial instruments are not subject to credit risk.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 *Financial instruments* (continued) (c.n.in.ed)

4.2 *Financial instruments* (c.n.in.ed)

Financial instruments (c.n.in.ed)

Financial assets

Financial assets are measured at fair value.

Financial assets are classified as held for trading, available for sale, or as loans and receivables.

Financial assets are classified as held for trading if they are acquired principally for the purpose of selling them in the short term.

Financial assets are classified as available for sale if they are not held for trading and are not loans and receivables.

Financial assets are classified as loans and receivables if they are not held for trading or available for sale.

Financial assets are classified as held for trading, available for sale, or as loans and receivables.

Financial assets are classified as held for trading, available for sale, or as loans and receivables.

At the end of the reporting period, the following financial assets were classified as held for trading, available for sale, or as loans and receivables. The classification is based on the nature of the financial assets and the management's intention to hold them.

3 Business Combinations (2021)

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

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Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

Financial instruments (continued) (c n.in ed)

4.2 Financial instruments (continued) (c n.in ed)

Financial instruments (continued) (c n.in ed)

Financial instruments (continued) (c n.in ed)

Financial instruments (continued) (c n.in ed)

(i) Financial instruments (continued) (c n.in ed)

Financial instruments (continued) (c n.in ed)

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. Financial instruments (continued)

4.2 Financial risk management (continued)

Financial instruments (continued)

Financial assets (continued)

Financial assets (continued)

The Group's financial instruments include cash and bank deposits, trade receivables, other receivables, other financial assets, and other financial instruments. The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value.

The Group's financial instruments include cash and bank deposits, trade receivables, other receivables, other financial assets, and other financial instruments. The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 *Financial instruments* (continued)

4.2 *Financial instruments* (continued)

Financial instruments (continued)

Financial assets (continued)

Financial liabilities (continued)

(i) *Financial instruments measured at fair value*

Financial instruments measured at fair value are those that are either held for trading or are designated as such at initial recognition.

Financial instruments measured at fair value are classified into the following categories:

1. *Financial assets at fair value through profit or loss*

Financial assets at fair value through profit or loss are those that are either held for trading or are designated as such at initial recognition.

Financial assets at fair value through profit or loss are classified into the following categories:

1. *Financial assets at fair value through profit or loss*

Financial assets at fair value through profit or loss are those that are either held for trading or are designated as such at initial recognition.

Financial assets at fair value through profit or loss are those that are either held for trading or are designated as such at initial recognition.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. **Financial instruments** (continued)

4.2 **Financial liabilities** (continued)

Financial instruments (continued)

Financial assets (continued)

Financial liabilities (continued)

(i) **Accounts payable**

Accounts payable represent amounts due to suppliers and service providers for goods and services received. The carrying amount of accounts payable is equal to the fair value. Accounts payable are classified as current liabilities as they are due within one year from the reporting date.

Accounts payable are measured at amortized cost. The carrying amount of accounts payable is equal to the fair value. Accounts payable are classified as current liabilities as they are due within one year from the reporting date.

(ii) **Accounts receivable**

Accounts receivable represent amounts due from customers for goods and services provided. The carrying amount of accounts receivable is equal to the fair value. Accounts receivable are classified as current assets as they are due within one year from the reporting date.

(i) Accounts receivable are measured at amortized cost.

(ii) Accounts receivable are measured at amortized cost.

(iii) Accounts receivable are measured at amortized cost. The carrying amount of accounts receivable is equal to the fair value. Accounts receivable are classified as current assets as they are due within one year from the reporting date.

(iv) Accounts receivable are measured at amortized cost. The carrying amount of accounts receivable is equal to the fair value. Accounts receivable are classified as current assets as they are due within one year from the reporting date.

(v) Accounts receivable are measured at amortized cost. The carrying amount of accounts receivable is equal to the fair value. Accounts receivable are classified as current assets as they are due within one year from the reporting date.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 *(continued)*

4.2 *(continued)*

Financial instruments (continued)

Financial assets (continued)

Financial liabilities (continued)

(a) *Trade receivables*

Trade receivables are recognized initially at fair value and subsequently measured at amortized cost less expected credit losses. Trade receivables are classified as financial assets at amortized cost. The carrying amount of trade receivables is disclosed in the consolidated statement of financial position. Trade receivables are measured at the net amount expected to be collected. Expected credit losses are estimated based on the historical credit loss experience, adjusted for current conditions and expectations of future changes in credit risk. The maximum period of exposure to credit risk is generally less than one year. The carrying amount of trade receivables is disclosed in the consolidated statement of financial position.

(b) *Trade payables*

Trade payables are recognized initially at fair value and subsequently measured at amortized cost. Trade payables are classified as financial liabilities at amortized cost. The carrying amount of trade payables is disclosed in the consolidated statement of financial position. Trade payables are measured at the net amount expected to be paid. The maximum period of exposure to credit risk is generally less than one year. The carrying amount of trade payables is disclosed in the consolidated statement of financial position.

Trade payables are recognized initially at fair value and subsequently measured at amortized cost. Trade payables are classified as financial liabilities at amortized cost. The carrying amount of trade payables is disclosed in the consolidated statement of financial position. Trade payables are measured at the net amount expected to be paid. The maximum period of exposure to credit risk is generally less than one year. The carrying amount of trade payables is disclosed in the consolidated statement of financial position.

Trade payables are recognized initially at fair value and subsequently measured at amortized cost. Trade payables are classified as financial liabilities at amortized cost. The carrying amount of trade payables is disclosed in the consolidated statement of financial position. Trade payables are measured at the net amount expected to be paid. The maximum period of exposure to credit risk is generally less than one year. The carrying amount of trade payables is disclosed in the consolidated statement of financial position.

Trade payables are recognized initially at fair value and subsequently measured at amortized cost. Trade payables are classified as financial liabilities at amortized cost. The carrying amount of trade payables is disclosed in the consolidated statement of financial position. Trade payables are measured at the net amount expected to be paid. The maximum period of exposure to credit risk is generally less than one year. The carrying amount of trade payables is disclosed in the consolidated statement of financial position.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. **Financial instruments** (continued)

4.2 **Financial instruments** (continued)

Financial instruments (continued)

Financial assets (continued)

Financial assets measured at fair value

At the reporting date, the Group's financial assets measured at fair value include equity investments, debt investments, and derivatives. The Group's equity investments are measured at fair value using the market price of the underlying securities. The Group's debt investments are measured at fair value using the market price of the underlying securities. The Group's derivatives are measured at fair value using the market price of the underlying instruments.

At the reporting date, the Group's financial assets measured at fair value include equity investments, debt investments, and derivatives. The Group's equity investments are measured at fair value using the market price of the underlying securities. The Group's debt investments are measured at fair value using the market price of the underlying securities. The Group's derivatives are measured at fair value using the market price of the underlying instruments.

At the reporting date, the Group's financial assets measured at fair value include equity investments, debt investments, and derivatives. The Group's equity investments are measured at fair value using the market price of the underlying securities. The Group's debt investments are measured at fair value using the market price of the underlying securities. The Group's derivatives are measured at fair value using the market price of the underlying instruments.

At the reporting date, the Group's financial assets measured at fair value include equity investments, debt investments, and derivatives. The Group's equity investments are measured at fair value using the market price of the underlying securities. The Group's debt investments are measured at fair value using the market price of the underlying securities. The Group's derivatives are measured at fair value using the market price of the underlying instruments.

At the reporting date, the Group's financial assets measured at fair value include equity investments, debt investments, and derivatives. The Group's equity investments are measured at fair value using the market price of the underlying securities. The Group's debt investments are measured at fair value using the market price of the underlying securities. The Group's derivatives are measured at fair value using the market price of the underlying instruments.

At the reporting date, the Group's financial assets measured at fair value include equity investments, debt investments, and derivatives. The Group's equity investments are measured at fair value using the market price of the underlying securities. The Group's debt investments are measured at fair value using the market price of the underlying securities. The Group's derivatives are measured at fair value using the market price of the underlying instruments.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 *Financial instruments* (continued)

4.2 *Financial instruments* (continued)

Financial instruments (continued)

Financial liabilities and equity

Financial liabilities and equity

Financial liabilities and equity

Financial liabilities and equity

Financial liabilities and equity

Financial liabilities and equity

Financial liabilities and equity

Financial liabilities and equity

Financial liabilities and equity

Financial liabilities and equity

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. **Financial instruments** (continued)

	31 December 2021	31 December 2020
4.2 Financial instruments (continued)		

Financial instruments (continued)

Derivative financial instruments

The Company enters into derivative financial instruments to hedge its foreign exchange risk. The Company uses forward contracts to hedge its foreign exchange risk. The Company also uses currency options to hedge its foreign exchange risk. The Company's derivative financial instruments are classified as financial assets or liabilities depending on the fair value of the instruments at the reporting date.

Hedge accounting

The Company has adopted hedge accounting for its derivative financial instruments.

At the reporting date, the Company has entered into forward contracts to hedge its foreign exchange risk. The Company also has entered into currency options to hedge its foreign exchange risk. The Company's derivative financial instruments are classified as financial assets or liabilities depending on the fair value of the instruments at the reporting date.

The Company's derivative financial instruments are classified as financial assets or liabilities depending on the fair value of the instruments at the reporting date. The Company's derivative financial instruments are classified as financial assets or liabilities depending on the fair value of the instruments at the reporting date.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

Financial instruments (continued)

4.2 Derivatives (continued)

Financial instruments (continued)

Hedge accounting (continued)

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Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

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Financial instruments (c n. in ed)

Hedge accounting (c n. in ed)

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Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4.

4.1 **Financial instruments** (continued)

4.2 **Financial liabilities** (continued)

Relationships

- (i) **Accounts payable** - amounts due to suppliers, arising from purchases of goods and services on credit.
- (ii) **Accounts receivable** - amounts due from customers, arising from sales of goods and services on credit.
- (iii) **Accounts payable and receivable** - amounts due to and from suppliers and customers, arising from purchases and sales of goods and services on credit.
- (iv) **Accounts payable** - amounts due to suppliers, arising from purchases of goods and services on credit.
- (v) **Accounts receivable** - amounts due from customers, arising from sales of goods and services on credit.
- (vi) **Accounts payable and receivable** - amounts due to and from suppliers and customers, arising from purchases and sales of goods and services on credit.
- (vii) **Accounts payable** - amounts due to suppliers, arising from purchases of goods and services on credit.
- (viii) **Accounts receivable** - amounts due from customers, arising from sales of goods and services on credit.
- (ix) **Accounts payable and receivable** - amounts due to and from suppliers and customers, arising from purchases and sales of goods and services on credit.
- (x) **Accounts payable** - amounts due to suppliers, arising from purchases of goods and services on credit.
- (xi) **Accounts receivable** - amounts due from customers, arising from sales of goods and services on credit.
- (xii) **Accounts payable and receivable** - amounts due to and from suppliers and customers, arising from purchases and sales of goods and services on credit.
- (xiii) **Accounts payable** - amounts due to suppliers, arising from purchases of goods and services on credit.
- (xiv) **Accounts receivable** - amounts due from customers, arising from sales of goods and services on credit.
- (xv) **Accounts payable and receivable** - amounts due to and from suppliers and customers, arising from purchases and sales of goods and services on credit.

4.3 **Financial instruments** (continued)

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

5.

On 12 October 2021, the Board of Directors of the Company approved the 2021 financial statements. The financial statements were audited by the independent member of the audit committee, and the audit report was issued on 14 October 2021. The financial statements were approved by the Board of Directors on 14 October 2021. The financial statements were approved by the Board of Directors on 14 October 2021. The financial statements were approved by the Board of Directors on 14 October 2021.

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Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

5. **Intangible Assets** (continued)

At the end of the reporting period, the carrying amount of intangible assets is as follows:

Intangible Assets	31 December 2021	31 December 2020
Goodwill	1,234,567	1,123,456
Software	567,890	543,210
Patents	123,456	109,876
Other intangible assets	78,901	65,432
Total	2,004,814	1,841,974

The carrying amount of intangible assets is determined based on the cost of acquisition less accumulated amortization and impairment losses. Goodwill is measured as the excess of the cost of acquisition over the fair value of the identifiable intangible assets. Goodwill is tested for impairment annually, or more frequently if there are indications of impairment. Amortization is calculated on a straight-line basis over the estimated useful life of the intangible asset.

Intangible Assets

At the end of the reporting period, the carrying amount of intangible assets is as follows:

Intangible Assets	31 December 2021	31 December 2020
Goodwill	1,234,567	1,123,456
Software	567,890	543,210
Patents	123,456	109,876
Other intangible assets	78,901	65,432
Total	2,004,814	1,841,974

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

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	31		2021			
	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

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31 DECEMBER 2020

	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
10,12,73	2,314,207	2,145,343	3,527		15,037,702	
1,63,2					1,63,2	
					2,316	2,316
12,146,161	2,314,207	2,145,343	3,527		17,000,0	
					2,316	2,316
12,146,161	2,122	2,140,14	3,527	2,316	16,76,5	
	121,1	4,52			126,447	
12,146,161	2,314,207	2,145,343	3,527	2,316	17,003,306	

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

12. Financial Instruments (continued)

(i) Financial Instruments with Embedded Derivatives

At the reporting date, the Company has issued convertible bonds with embedded derivatives. The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument. The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument. The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument.

The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument. The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument. The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument.

The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument. The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument. The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument.

(ii) Financial Instruments with Embedded Derivatives

The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument. The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument. The Company has determined that the embedded derivatives do not qualify for bifurcation as a separate financial instrument.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

1. GENERAL INFORMATION

The consolidated financial statements of the Group are prepared in accordance with the accounting policies set out in the notes to the consolidated financial statements. The consolidated financial statements are prepared on a going concern basis. The consolidated financial statements are prepared in accordance with the accounting policies set out in the notes to the consolidated financial statements. The consolidated financial statements are prepared on a going concern basis.

The consolidated financial statements are prepared in accordance with the accounting policies set out in the notes to the consolidated financial statements. The consolidated financial statements are prepared on a going concern basis.

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The consolidated financial statements are prepared in accordance with the accounting policies set out in the notes to the consolidated financial statements. The consolidated financial statements are prepared on a going concern basis.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

(continued)

(1) **Accounts payable and accrued liabilities**

Accounts payable and accrued liabilities are measured at the carrying amount, which is the fair value, at the reporting date. The carrying amount is determined based on the terms of the contracts and the payment terms. The carrying amount is determined based on the terms of the contracts and the payment terms.

	31 December 2021	31 December 2020	31 December 2021	31 December 2020	31 December 2021	31 December 2020
	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
Accounts payable	12,403,499	2,941,155	2,553,300	3,339	5,411,352	1,351,320
Accounts payable (note (i))	1,944,900	1,145,000	1,300,100	109,200	(39,000)	4,533,300
Accounts payable	14,210,299	34,255,500	23,451,939	2,412,241	2,372,352	103,199,193
Accounts payable	(1,114,000)	(23,315,223)	(1,500,420)	(2,099,920)	(2,363,100)	(1,901,350)
Accounts payable	901,935	950,305	901,209	104,030	4,011	2,220
Accounts payable	13,103	11,050	3,590	25,511	559	25,540
Accounts payable (note (ii))	92	44,930	4,300	52,195	25,900	1,309,290
Accounts payable	5,394,200	2,333,500	1,114,000	1,200	1,414,000	903,130
Accounts payable	45,903	24,120				500,030
Accounts payable	33,255	2,320	10,190	29		4,950
Accounts payable	13,300	14,140	3,240			1,313,000
Accounts payable	1,040	110,450	4,490	449	1,414,000	193,110
Accounts payable	3,311,300	5,100	3,040,000	4,950	950	11,100

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

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	2021	2020	2019	2018	2017	2016
	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
2020						
12,146,161	2,314,207	2,145,343	3,527	2,316	17,003,306	

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

• **1. Significant accounting policies (continued)**

() **1.1. Revenue recognition (continued)**

(i) Fuel

(a) Fuel is sold pursuant to a contract of sale, the revenue is recognized when the fuel is delivered to the customer, the ownership of the fuel has transferred to the customer, the amount of the revenue is reliably measurable, and the related costs are reliably measurable.

(b) Fuel is sold pursuant to a contract of sale, the revenue is recognized when the fuel is delivered to the customer, the ownership of the fuel has transferred to the customer, the amount of the revenue is reliably measurable, and the related costs are reliably measurable.

() **1.2. Revenue recognition (continued)**

	31	
	2021 RMB'000	2020 RMB'000
Revenue		
Revenue from the sale of fuel	4,533,311	3,332,616
Revenue from the sale of fuel	1,021,022	(16,206)
Revenue from the sale of fuel	4,555,022	3,170,000
Revenue from the sale of fuel	34,234	41,065
Revenue from the sale of fuel	(1,309,299)	(1,150,477)
Revenue from the sale of fuel	(1,919,534)	167,711
Revenue from the sale of fuel	(3,994)	(22,063)
Revenue from the sale of fuel	3,042,550	2,530,226

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

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	31	
	2021	2020
	RMB'000	RMB'000
103,199,193	103,199,193	0, 2,447
(2 ,024,030)	(2 ,024,030)	(26,237,537)
3,1 9,022	3,1 9,022	3,51 ,50
10 ,000	10 ,000	117,000
93,110	93,110	130, 04
0,000	0,000	70,000
1 9,4	1 9,4	2 6,104
109, 3	109, 3	66, 11
2,111,42	2,111,42	1,5 3, 71
2,035, 4	2,035, 4	70,53 ,30
,901,3 5	,901,3 5	6 ,4 , 25
(2 ,009, 90)	(2 ,009, 90)	(26,221,331)
,453	,453	125,3 1
2 1,912	2 1,912	1 3,615
2,111,42	2,111,42	1,5 3, 71
52,3 2,4	52,3 2,4	44,171,461

Note: u-asset p... (note)

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Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

• () (continued)

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

	31	
	2021	2020
	RMB'000	RMB'000
Investment in subsidiaries		
Investment in subsidiary (Note 38)	500,030	426,40
Investment in subsidiary (Note 38)	4,95	43,5
Investment in subsidiary (note (a))	13,131	132,73
Investment in subsidiary (note (b))	13,493	137,61
At the end of the reporting period	500,030	564,27
	903,13	773,3

Notes:

- (1) Investment in subsidiary is an investment in subsidiary of the company, which is an investment in subsidiary of the company.
- (2) Investment in subsidiary is 50% of the investment in subsidiary of the company, which is an investment in subsidiary of the company.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

9. 其他应收款

	31	
	2021	2020
	RMB'000	RMB'000
应收关联方款项	411,555	3,734
应收押金、保证金、备用金、押金、其他应收款	1,941,111	1,311,232
应收政府补助	2,152	5,244
应收其他款项	15,922	136,123
	2,254,740	7,733,333

10. 其他流动资产

	31	
	2021	2020
	RMB'000	RMB'000
应收关联方款项	(9,935)	(14,633)
应收押金、保证金、备用金、押金、其他流动资产	(1,231)	(3,311)
应收(付)关联方款项、押金、保证金、其他流动资产	1,099	(50,444)
应收(付)关联方款项、押金、保证金、其他流动资产 (Note 37(b))	5,343	(1,300)
应收(付)关联方款项、押金、保证金、其他流动资产 (Note 44)	34,190	151,051
应收(付)关联方款项、押金、保证金、其他流动资产	(5,915)	
应收(付)关联方款项、押金、保证金、其他流动资产	(1,993)	(11,521)
应收(付)关联方款项、押金、保证金、其他流动资产	(12)	25,46
	25,404	(13,160)

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

11. 11.1 11.2 11.3 11.4 11.5 11.6 11.7 11.8 11.9 11.10 11.11 11.12 11.13 11.14 11.15 11.16 11.17 11.18 11.19 11.20 11.21 11.22 11.23 11.24 11.25 11.26 11.27 11.28 11.29 11.30 11.31

	31	
	2021	2020
	<i>RMB'000</i>	<i>RMB'000</i>
11.1	4,593	5,364
11.2	2,914	4,150

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

12. 其他应付款

	2021 RMB'000	2020 RMB'000
应付账款	4,500,000	533,311
应付利息	109,200	23,730
应付股利	595,041	557,041

应付账款主要为公司应付供应商的款项。截至2021年12月31日，应付账款余额为4,500,000元，较2020年12月31日的533,311元增加8.25%（2020年25%）。

应付利息主要为公司应付金融机构的利息。截至2021年12月31日，应付利息余额为109,200元，较2020年12月31日的23,730元增加4.61%（2020年15%）。应付股利主要为公司应付股东的股利。截至2021年12月31日，应付股利余额为595,041元，较2020年12月31日的557,041元增加0.68%（2020年50%）。

截至2021年12月31日，应付股利余额为595,041元，较2020年12月31日的557,041元增加0.68%（2020年50%）。

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

12. **Other receivables** (continued)

The following table shows the movement in other receivables during the reporting period:

Other receivables are measured at amortised cost less impairment. Other receivables are due within 12 months.

Other receivables are classified as non-current assets if the reporting entity has no right to demand payment of the receivable within 12 months from the reporting date.

	31	
	2021	2020
	RMB'000	RMB'000
At the beginning of the year	2,532	2,532
Impairment provision	3,042,250	2,530,26
Impairment provision reversed	(1,03)	73,257
Other receivables written off	45,1	45,526
Other receivables written off and reduced	51,4	(36,42)
Other receivables written off	,922	63,76
Other receivables written off	35,2	2,0
Other receivables written off	(10,21)	(2,17)
Other receivables written off	(394,914)	(2,364)
At the end of the year	,535	2,532
	595,04	557,041

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

13.

	31	
	2021	2020
	RMB'000	RMB'000
1. 2021年12月31日		
2. 2020年12月31日		
3. 2021年12月31日		
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99. 2021年12月31日		
100. 2020年12月31日		

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

14. 其他应收款 (Other receivables)

Other receivables consist of receivables from related parties, non-related parties, and other receivables. The carrying amount of other receivables is as follows:

	31 December 2021	2021			
	RMB'000	RMB'000	RMB'000 (note)	RMB'000	RMB'000
Other receivables from related parties					
- 关联方往来款	332	1,053	53	1,450	
- 其他关联方往来款	21		53	1,221	
Other receivables from non-related parties					
- 其他应收款	332	52	53	94	
- 关联方往来款	21	34	53	11	
		1,221	334	212	4,776
Other receivables from non-related parties					
- 其他应收款					
- 其他应收款					
- 关联方往来款					

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

14. Financial assets and liabilities (continued)

	31 December 2021	31 December 2020		
	RMB'000	RMB'000	RMB'000	RMB'000
			(note)	
Financial assets				
▶ Available-for-sale financial assets	371	53	3	1,227
▶ Available-for-sale financial liabilities	311	773	3	1,077
▶ Available-for-sale financial assets				
(impairment on 25 December 2020, net of impairment on 201 December 2020)	106	70		176
▶ Available-for-sale financial liabilities				
(impairment on 2 December 2020)	101	57	3	701
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
			2,233	3,111
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Financial liabilities				
▶ Available-for-sale financial assets				
▶ Available-for-sale financial liabilities				
▶ Available-for-sale financial assets				
(impairment on 201 December 2020)				
	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

	2021 RMB'000	2020 RMB'000	2020 RMB'000 (note)	2020 RMB'000	2020 RMB'000
可供出售金融资产 可供出售金融资产 可供出售金融资产 可供出售金融资产 (2020年12月31日)	150				150
可供出售金融资产 (2020年12月31日)	150				150
可供出售金融资产 (2020年12月31日)	100				100
可供出售金融资产 (2020年12月31日)	17				17
可供出售金融资产 (2020年12月31日)	3				3
	<u>500</u>				<u>500</u>
可供出售金融资产 可供出售金融资产 (2020年12月31日)		311	737	3	1,051
可供出售金融资产 (2020年12月25日)					

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

15. 其他应收款

- (i) 其他应收款于2021年12月31日较2020年12月31日增加567,223,000元，主要是应收利息增加所致。2021年12月31日较2020年12月31日增加567,223,000元，主要是应收利息增加所致。
- (ii) 其他应收款于2021年12月31日较2020年12月31日增加5,253,000元，主要是应收利息增加所致。
- (iii) 其他应收款于2021年12月31日较2020年12月31日增加5,016,600元，主要是应收利息增加所致。

16. 其他流动资产

其他流动资产于2021年12月31日较2020年12月31日增加2,303,300元，主要是预付款项增加所致。

	2021 RMB'000	2020 RMB'000
预付款项	2,303,300	2,303,300

	2021 '000	2020 '000
预付款项	,244,50	,244,50

其他流动资产于2021年12月31日较2020年12月31日增加2,44,500元，主要是预付款项增加所致。

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

1. **Statement of Financial Position**

The consolidated financial statements are prepared on the basis of the accounting policies set out in the notes to the consolidated financial statements. The consolidated financial statements are prepared on the basis of the accounting policies set out in the notes to the consolidated financial statements.



Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

1. Significant Accounting Policies, Accounting Estimates and Judgments (continued)

	2020 RMB'000	2020 RMB'000	2021 RMB'000	2021 RMB'000	2020 RMB'000	2021 RMB'000
1.1. Financial Instruments						
At 1 January 2020	1,706,17	11,27,625	66,22	74,264		13,674,34
Disposals	272,30	2,15,21	5,554	12,635		2,46,41
Impairment losses (note (e))	100,37	1,124				11,521
Financial income	(1)	(3,4)	(4,226)	(2,27)		(0,02)
With exchange rate differences		14,161	11			14,10
At 31 December 2020	2,02,02	13,93,343	5,21	4,20		1,204,3
Disposals	2,01	2,49,2	9,03	23,24		2,9,05
Impairment losses (note (e))	33,1	33,03		1		,993
Financial income	(1,94)	(45,2)	(10,39)	(2,9)		(5,53)
With exchange rate differences		(41,4)	(31)	(21)		(41,93)
At 31 December 2021	2,3,40	1,40,495	2,259	105,352		1,9,512
1.2. Financial Instruments						
At 31 December 2021	543,95	3,491,	2,011	33,39	0,91	50,95,92
At 31 December 2020	6,710,1	31,235,47	23,67	37,74	5,17,41	43,17,213

Notes:

(1) The above table shows the carrying amounts of financial instruments measured at amortised cost, fair value through profit or loss, and fair value through other comprehensive income. The carrying amounts of financial instruments measured at amortised cost are as follows:

Financial assets	2.11% to 4.75%
Financial liabilities	3.17% to 7.2%
Financial assets	0.50% to 1.3%
Financial liabilities	11.00% to 11.00%

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

1. 附註(續) (continued)

1. 附註(續)

- (f) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (g) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (h) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (i) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (j) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (k) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (l) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (m) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (n) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (o) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (p) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (q) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (r) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (s) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (t) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (u) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (v) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (w) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (x) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (y) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。
- (z) 本公司對其他權益性投資的核算方法與上述對合資企業、聯營企業、共同經營的核算方法一致。

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

1. Significant Accounting Policies

Unit: RMB'000

At 31 December 2021	1,472,217
At 31 December 2020	1,431,342
At 31 December 2021	70,300
At 31 December 2020	60,126

	2021 RMB'000	2020 RMB'000
Identifiable intangible assets	2,115	5,242
Identifiable intangible assets (note)	2,512	321,622
Intangible assets (Note 44)	35,330	10,124
Intangible assets	<u>12,340</u>	<u>116,472</u>

Note: The identifiable intangible assets are primarily related to the acquisition of certain intangible assets.

The intangible assets are measured at cost less accumulated amortization and impairment losses. The intangible assets are amortized over their useful lives. The useful lives of the intangible assets are determined based on the expected period over which the intangible assets will generate cash flows for the company.

The identifiable intangible assets are measured at cost less accumulated amortization and impairment losses. The intangible assets are amortized over their useful lives. The useful lives of the intangible assets are determined based on the expected period over which the intangible assets will generate cash flows for the company.

The identifiable intangible assets are measured at cost less accumulated amortization and impairment losses. The intangible assets are amortized over their useful lives. The useful lives of the intangible assets are determined based on the expected period over which the intangible assets will generate cash flows for the company.

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FOR THE YEAR ENDED 31 DECEMBER 2021

19. 其他应收款

	RMB'000 (note (b))	RMB'000 (note (c))	RMB'000	RMB'000
At 1 January 2020	4,022,154	1,411,70	235,1	6,113,22
Addition			6,417	6,417
Disposal/Reduction, impairment (Note 44)		564,773	5	564,6
At 31 December 2020	4,022,154	2,50,43	303,10	6,113,20
At 1 January 2021			4,11	4,11
Disposal/Reduction, impairment (Note 44)		0,350	2,144 (245)	2,494 (245)
At 31 December 2021	4,022,154	3,11,093	353,0	6,113,01
At 1 January 2020	1,35,031	246,4	6,667	2,150,647
Disposal/Reduction, impairment	164,411	7,610	1,15	271,206
At 31 December 2020	1,999,442	334,559	52	2,421,53
At 1 January 2021	1,441	399	15,4 (10.9)	25,54 (10.9)
At 31 December 2021	2,13,53	411,95	103,50	2,931
At 1 January 2020	1,5,301	2,5,135	250,23	4,3,99
At 31 December 2020	2,022,712	2,172,14	215,5	4,410,754

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

19. 其他应付款 (continued)

Notes:

- (1) 其他应付款中应付关联方款项如下:
- | 关联方名称 | 2021年12月31日 | 2020年12月31日 |
|----------------|-------------|-------------|
| 北京京能清洁能源电力有限公司 | 4% | 5% |
| 北京京能清洁能源电力有限公司 | 2% | 10% |
| 北京京能清洁能源电力有限公司 | 10% | 50% |
- (2) 其他应付款中应付关联方款项如下:
- (3) 其他应付款中应付关联方款项如下:

20. 应付账款

	2021年12月31日	2020年12月31日
	RMB'000	RMB'000
应付账款		
应付账款	124,194	124,144
应付账款	5,55	65,55
	190,049	190,044
应付账款		
应付账款	(5,915)	

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

21. Financial Instruments

The company's financial instruments, as at 31 December 2021, are classified into (i) non-current financial assets and liabilities, (ii) current financial assets and liabilities, (iii) cash and cash equivalents, and (iv) equity instruments. The company's financial instruments are classified into (i) non-current financial assets and liabilities, (ii) current financial assets and liabilities, (iii) cash and cash equivalents, and (iv) equity instruments.

As at 31 December 2021 and 2020, the company's financial instruments are classified into (i) non-current financial assets and liabilities, (ii) current financial assets and liabilities, (iii) cash and cash equivalents, and (iv) equity instruments.

The company's financial instruments are classified into (i) non-current financial assets and liabilities, (ii) current financial assets and liabilities, (iii) cash and cash equivalents, and (iv) equity instruments.

The company's financial instruments are classified into (i) non-current financial assets and liabilities, (ii) current financial assets and liabilities, (iii) cash and cash equivalents, and (iv) equity instruments. The company's financial instruments are classified into (i) non-current financial assets and liabilities, (ii) current financial assets and liabilities, (iii) cash and cash equivalents, and (iv) equity instruments.

The company's financial instruments are classified into (i) non-current financial assets and liabilities, (ii) current financial assets and liabilities, (iii) cash and cash equivalents, and (iv) equity instruments.

As at 31 December 2021, the company's financial instruments are classified into (i) non-current financial assets and liabilities, (ii) current financial assets and liabilities, (iii) cash and cash equivalents, and (iv) equity instruments. The company's financial instruments are classified into (i) non-current financial assets and liabilities, (ii) current financial assets and liabilities, (iii) cash and cash equivalents, and (iv) equity instruments.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

21. 其他应收款 (continued)

于2021年12月31日，其他应收款余额为人民币2,166,556元，较2020年12月31日的人民币2,166,556元增加0.00%。其他应收款余额增加的主要原因是应收关联方款项增加。于2021年12月31日，其他应收款中应收关联方款项余额为人民币1,002,030元，较2020年12月31日的人民币1,360,644元减少26.35%。其他应收款中应收关联方款项余额减少的主要原因是应收关联方款项的收回。于2021年12月31日，其他应收款中应收关联方款项余额为人民币1,002,030元，较2020年12月31日的人民币1,360,644元减少26.35%。其他应收款中应收关联方款项余额减少的主要原因是应收关联方款项的收回。

22. 其他流动资产

()

	31	
	2021	2020
	RMB'000	RMB'000
于2021年12月31日，其他流动资产余额为人民币2,166,556元，较2020年12月31日的人民币2,166,556元增加0.00%。	2,166,556	2,166,556
于2021年12月31日，其他流动资产中应收关联方款项余额为人民币1,002,030元，较2020年12月31日的人民币1,360,644元减少26.35%。	1,002,030	1,360,644
于2021年12月31日，其他流动资产中应收关联方款项余额为人民币1,002,030元，较2020年12月31日的人民币1,360,644元减少26.35%。	(, 92)	(, 6 2)
	3,168,586	3,527,200

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

22. 聯營公司 (c.n.in ed)

() (c.n.in ed)

本公司於截至二零二一年十二月三十一日止年度內，與以下公司訂立聯營公司協議，詳情如下：

聯營公司名稱	本公司於該聯營公司之實收資本	本公司於該聯營公司之實有權益		本公司於該聯營公司之實有權益	
		2021年12月31日	2020年12月31日	2021年12月31日	2020年12月31日
北京京能國際能源股份有限公司 (中國) (北京京能國際能源股份有限公司)* (北京京能國際能源股份有限公司)	▲ 3,400,000,000	20%	20%	20%	20%
北京京能 (note)	▲ 5,000,000,000	20%	20%	20%	20%
全州柳鋪水電有限公司 (中國) (全州柳鋪水電有限公司)* (全州柳鋪水電有限公司)	▲ 25,000,000	40%	40%	40%	40%
北京市天銀地熱開發有限責任公司 (北京市天銀地熱開發有限公司)* (北京市天銀地熱開發有限公司)	▲ 60,000,000	50%	50%	50%	50%
宜昌中基天然氣利用有限公司 (中國) (宜昌中基天然氣利用有限公司)* (宜昌中基天然氣利用有限公司)	▲ 3,020,000	4.9%		4.9%	

* 本公司之附屬公司。

Note:

北京京能國際能源股份有限公司 (北京京能國際能源股份有限公司) 為一間於中國註冊之公司，其業務為提供電力及熱能。北京京能國際能源股份有限公司之實收資本為人民幣5,000,000,000元。

於二零二一年十二月三十一日，北京京能國際能源股份有限公司之實有權益為人民幣1,222,000,000元。北京京能國際能源股份有限公司之實有權益於二零二一年十二月三十一日較二零二零年十二月三十一日增加。

於二零二零年十二月三十一日，北京京能國際能源股份有限公司之實有權益為人民幣1,222,000,000元。北京京能國際能源股份有限公司之實有權益於二零二零年十二月三十一日較二零一九年十二月三十一日增加。

Notes to the Consolidated Financial Statements

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22. 其他非流动资产 (Other non-current assets) (continued)

(i) 其他非流动资产 (Other non-current assets)

	31 December	2020
	2021 RMB'000	RMB'000
其他非流动资产	10,000	117,000

At 31 December 2021, the other non-current assets represented investment in subsidiaries (2020: investment in subsidiaries). The other non-current assets represented 0.4% (2020: 0.4%) of the consolidated net assets of the Group. The other non-current assets represented investment in subsidiaries (2020: investment in subsidiaries) of the Group. At 31 December 2021, the other non-current assets represented investment in subsidiaries of the Group. At 31 December 2021, the other non-current assets represented investment in subsidiaries of the Group.

(ii) 其他非流动资产 (Other non-current assets)

The other non-current assets represented investment in subsidiaries of the Group. The other non-current assets represented investment in subsidiaries of the Group.

Notes to the Consolidated Financial Statements

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22. 2021年12月31日可供出售金融资产 (c.n.in.ed)

(一) 可供出售金融资产 (c.n.in.ed)

	31	
	2021 RMB'000	2020 RMB'000
可供出售金融资产	22,233,355	20,070,422
(一) 可供出售权益工具	(3,500,934)	1,600,672
(二) 可供出售债务工具	(2,500,934)	1,150,000
可供出售金融资产减值准备	4,500	22,442
可供出售金融资产净额	124,111	

可供出售金融资产按公允价值计量，公允价值变动计入其他综合收益。可供出售金融资产减值准备按成本法计量。

	31	
	2021 RMB'000	2020 RMB'000
可供出售权益工具	15,935	10,116,644
可供出售权益工具减值准备	20%	20%
可供出售权益工具净额	1,315,935	2,023,333
可供出售债务工具	35,200	35,270
可供出售债务工具减值准备		
可供出售债务工具净额	1,000,000	2,050,600

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

22. *(c n. in ed)*

(c n. in ed)

31

2021
RMB'000

2020
RMB'000

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

22. 可供出售金融资产 (continued) (c.n.in ed)

() 可供出售金融资产

	31	
	2021 RMB'000	2020 RMB'000
可供出售权益工具	1,9120	
可供出售债务工具		
可供出售金融资产	2,555	2,401
可供出售金融资产	2, 0	
可供出售金融资产	2, 0	63, 55

23. 可供出售金融资产 (continued) (c.n.in ed)

() 可供出售金融资产

	31	
	2021 RMB'000	2020 RMB'000
可供出售权益工具	152,500	152,500
可供出售债务工具	(5,939)	(21,5 6)
可供出售金融资产	93,110	130, 04

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

23. 联营公司 (c.n.in.ed)

(一) 重要联营公司 (c.n.in.ed)

本集团联营公司是指本集团对其具有重大影响但不构成控制的被投资企业。本集团对联营公司的投资采用权益法核算。

联营公司名称	注册地	2021年12月31日		2020年12月31日		持股比例	表决权比例
		持股比例	表决权比例	持股比例	表决权比例		
北京華源惠眾環保科技有限公司 (北京華源惠眾環保科技股份有限公司 的全资子公司)	人民币160,000,000	50%	50%	50%	50%	50%	50%

(二) 重要联营公司

联营公司名称	2021年12月31日		2020年12月31日	
	2021 RMB'000	2020 RMB'000	2021 RMB'000	2020 RMB'000
联营公司净资产	0,000	70,000	0,000	70,000

▲ 截至2021年12月31日和2020年12月31日，联营公司净资产分别为人民币0元和人民币70,000元。本集团对联营公司的投资采用权益法核算。▲ 截至2021年12月31日，本集团对联营公司的投资账面价值为人民币0元。▲ 截至2021年12月31日，本集团对联营公司的投资账面价值为人民币0元。▲ 截至2021年12月31日，本集团对联营公司的投资账面价值为人民币0元。▲ 截至2021年12月31日，本集团对联营公司的投资账面价值为人民币0元。

Notes to the Consolidated Financial Statements

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24. 2021年12月31日及2020年12月31日可供出售金融资产

	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
	(note a)	(note b)	(note c)	(note d)	(note e)	(note f)	(note g)	(note h)	(note i)	(note j)	(note k)	(note l)	(note m)
At 1 January 2020	41,642	5,62	(24,306)	(3,571)	113,767	7,25	(6,376)	(4,42)	14,432	2,323	21,124	130,43	
(i) 可供出售金融资产	(4,512)	62	1,46	(564)	(23,67)	(12,713)	4,63	14,432	3,0	2,116	(23,730)		
(ii) 可供出售金融资产													
At 31 December 2020				3,51					(7,56)			(3,71)	416
At 1 January 2021	(410)		416						(1,320)	3,657	1,0	(72)	
(i) 可供出售金融资产													
(ii) 可供出售金融资产													
At 31 December 2021	3,20	5,50	(22,404)	2,0	113,203	54,29	(112,1)	(43,45)	21,501	24,01	23,420	102,49	
(i) 可供出售金融资产	(2,9423)	(2)	(1,34)	(10,1)	(2,29)	(4,9451)	(1,52)	4,3	(13,3)	(22,09)	234	(10,920)	
(ii) 可供出售金融资产													
At 31 December 2021	(914)	5,35	(9,155)				95		(414)	(1,534)	201	(3,99)	2,95
(i) 可供出售金融资产													
(ii) 可供出售金融资产													
At 31 December 2021	3,3	11,59	(102,90)	(10,401)	110,34	4,40	(104,4)	(3,02)	0,09	(,010)	30,55	(92,424)	

Notes to the Consolidated Financial Statements

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24. **Prepaid expenses and other receivables (continued)**

Notes:

(1) The amount of the impairment loss recognized in the current period is RMB1,912,000, which is recorded in the credit item of "asset impairment loss" in the consolidated profit statement. The amount of the impairment loss recognized in the current period is RMB1,912,000, which is recorded in the credit item of "asset impairment loss" in the consolidated profit statement. The amount of the impairment loss recognized in the current period is RMB1,912,000, which is recorded in the credit item of "asset impairment loss" in the consolidated profit statement.

(2) The amount of the impairment loss recognized in the current period is RMB1,912,000, which is recorded in the credit item of "asset impairment loss" in the consolidated profit statement. The amount of the impairment loss recognized in the current period is RMB1,912,000, which is recorded in the credit item of "asset impairment loss" in the consolidated profit statement.

(3) The amount of the impairment loss recognized in the current period is RMB1,912,000, which is recorded in the credit item of "asset impairment loss" in the consolidated profit statement. The amount of the impairment loss recognized in the current period is RMB1,912,000, which is recorded in the credit item of "asset impairment loss" in the consolidated profit statement.

The amount of the impairment loss recognized in the current period is RMB1,912,000, which is recorded in the credit item of "asset impairment loss" in the consolidated profit statement. The amount of the impairment loss recognized in the current period is RMB1,912,000, which is recorded in the credit item of "asset impairment loss" in the consolidated profit statement.

	31	
	2021	2020
	RMB'000	RMB'000
Prepaid expenses	1,912	2,610
Other receivables	(21,912)	(13,615)
	(92,424)	102,4

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

24. 其他应收款 (continued)

其他应收款包括应收关联方款项、押金、保证金、预付款项、应收利息、应收股利、应收政府补助、其他应收款。

	31	
	2021	2020
	RMB'000	RMB'000
应收关联方款项	1,250,990	1,050,276
押金、保证金	142,900	110,521
其他应收款	1,393,000	1,170,777

其他应收款中应收关联方款项包括应收控股股东款项、应收子公司款项、应收其他关联方款项。其他应收款中应收关联方款项的账龄如下：

At 31 December 2021, the other receivables due from related parties included receivables from the controlling shareholder of 40,547,000 (2020: 40,303,000), receivables from subsidiaries of 1,209,453 and other receivables of 1,243,000.

其他应收款中应收关联方款项的账龄如下：

	31	
	2021	2020
	RMB'000	RMB'000
2021		155,400
2022	1,459,000	174,500
2023	1,390,000	163,600
2024	29,500	26,500
2025	250,390	255,043
2026	351,520	
	1,210,351	1,010,777

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

25.

	31	2020
	2021	RMB'000
	RMB'000	RMB'000
Units, unlisted	109,3	66,11

As at 31 December 2021, the Group held 109,3 units, unlisted units. As at 31 December 2020, the Group held 66,11 units, unlisted units. The units, unlisted units are issued by the Group's subsidiary, Beijing Jingneng Clean Energy Co., Limited. The units, unlisted units are held by the Group's subsidiary, Beijing Jingneng Clean Energy Co., Limited. The units, unlisted units are held by the Group's subsidiary, Beijing Jingneng Clean Energy Co., Limited.

2.5.1. Other financial assets

As at 31 December 2021, the Group held other financial assets of RMB 277,700,000 (2020: RMB 1,032,700,000).

2.5.2. Financial assets at fair value through profit or loss

	31	2020
	2021	RMB'000
	RMB'000	RMB'000
Equity investments	2,013,34	2,106,7
Debt investments	9,421,023	6,632,24
Financial assets at fair value through profit or loss	25,304	24,75
Total	11,94,11	,176,76
Impairment loss	(1,395)	(17,46)
Total	11,03,11	,15,317

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

2. *Financial Instruments* (continued)

The Group's financial instruments are primarily cash, trade receivables, trade payables, other receivables, other payables, bank borrowings, and financial assets and liabilities. The Group's financial instruments are classified as financial assets and financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets and financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets and financial liabilities. The Group's financial instruments are measured at fair value.

	31	
	2021	2020
	RMB'000	RMB'000
Item 60	3,04,9	2,4,43
Item 365	3,0,2	2,64,2
Item 2	3,05,49	2,200,362
Item 3	1,91,944	06,255
Item 3	535,2	552,2
	11,31	,15,317

The Group's financial instruments are primarily cash, trade receivables, trade payables, other receivables, other payables, bank borrowings, and financial assets and liabilities. The Group's financial instruments are classified as financial assets and financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets and financial liabilities. The Group's financial instruments are measured at fair value.

The Group's financial instruments are primarily cash, trade receivables, trade payables, other receivables, other payables, bank borrowings, and financial assets and liabilities. The Group's financial instruments are classified as financial assets and financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets and financial liabilities. The Group's financial instruments are measured at fair value.

The Group's financial instruments are primarily cash, trade receivables, trade payables, other receivables, other payables, bank borrowings, and financial assets and liabilities. The Group's financial instruments are classified as financial assets and financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets and financial liabilities. The Group's financial instruments are measured at fair value.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

2. 重要会计政策及会计估计 (continued)

At 31 December 2021, the consolidated equity attributable to the equity holders of the parent company is RMB147,570,000 (2020: RMB14,335,000) and the consolidated equity attributable to the minority shareholders is RMB1,278,430,000 (2020: RMB1,220,665,000).

At 31 December 2021, the consolidated total assets is RMB1,426,176,000 (2020: RMB1,357,700,000) and the consolidated total liabilities is RMB347,920,000 (2020: RMB467,935,000).

The consolidated financial statements are prepared on the basis of the historical cost method, except for the financial instruments measured at fair value.

The consolidated financial statements are prepared in Renminbi and rounded to the nearest RMB100,000 (RMB100,000).

2. 重要会计政策及会计估计 (continued)

	31 December	
	2021 RMB'000	2020 RMB'000
Intangible assets	42,411	10,340
Goodwill	115,099	342,554
Investment properties	114,525	65,662
Property, plant and equipment	332,455	414,556
Construction in progress	(24,000)	(24,777)
Right-of-use assets	30,499	463,777

The consolidated financial statements are prepared in Renminbi and rounded to the nearest RMB100,000 (RMB100,000).

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

29. 2021年12月31日可供出售金融资产

	31 2021 RMB'000	2020 RMB'000
可供出售金融资产	553,305	46,666
可供出售权益工具	1,551,553	1,114,305
	2,111,42	1,53,71

可供出售金融资产是指初始确认时即被指定为可供出售的非衍生金融资产，以及没有划分为以公允价值计量且其变动计入当期损益的金融资产、以摊余成本计量的金融资产和以公允价值计量且其变动计入其他综合收益的金融资产。可供出售权益工具投资在持有期间公允价值发生波动时，公允价值变动计入其他综合收益。可供出售权益工具投资发生的减值损失，其减值损失转回确认为其他综合收益，不影响当期损益。可供出售债务工具投资的减值损失转回确认为当期损益。

30. 2021年12月31日可供出售金融资产

	31 2021 RMB'000	2020 RMB'000
可供出售权益工具	2,020	16,043

Note:

可供出售权益工具投资公允价值变动计入其他综合收益，公允价值变动计入其他综合收益的金额在处置该金融资产时转入当期损益。可供出售权益工具投资的减值损失转回确认为其他综合收益，不影响当期损益。可供出售债务工具投资的减值损失转回确认为当期损益。

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

31. Financial instruments

	31 2021 RMB'000	2020 RMB'000
Financial assets at fair value through profit or loss	23	4,577
Financial assets at amortised cost	, 1	50,777
	, 41	55,364

At 31 December 2021 and 2020, the above financial assets are measured at fair value through profit or loss and amortised cost.

At 31 December 2021 and 2020, the non-current financial assets are measured at amortised cost and the current financial assets are measured at amortised cost.

At 31 December 2021, the financial assets are classified as current assets and the financial liabilities are classified as current liabilities. (2020: current assets and current liabilities).

Notes to the Consolidated Financial Statements

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32.

...

	31	
	2021	2020
	RMB'000	RMB'000
...		
...	91,400	573,67
...	29,194	371,34
...	345,304	453,7
...	5,13	5,13
...	3,92,22	2,2,5
...	1	24
	5,09,300	4,27,450

...

...

	31	
	2021	2020
...	0.01%	0.01%
...	1.55%	1.55%

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

33.

	31	
	2021	2020
	RMB'000	RMB'000
	2,414	2,344,450
	1,000	1,601,100
	1,210	446,166
	20,000	20,000
	111,410	103,700
	32,332	164,600
	341,439	33,714
	5,932,300	5,050,000

As of the reporting date, the company has no significant financial instruments that are subject to credit risk. The company's financial instruments are primarily cash and receivables, which are denominated in the functional currency of the reporting entity. The company's credit risk is managed through a credit risk management policy that includes the assessment of the creditworthiness of the counterparties and the monitoring of the credit exposure.

Notes to the Consolidated Financial Statements

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33. *Intangible assets* (continued)

The following table shows the carrying amounts of the intangible assets of the Group as at the end of the reporting period:

	31	
	2021	2020
	RMB'000	RMB'000
At the beginning of the year	1,411,365	1,676,133
Acquired through business combination	515,932	563,144
Amortisation	(39,000)	(115,600)
Impairment losses	(4,190)	(37,516)
Disposal	(31,200)	(11,500)
At the end of the year	2,411,407	2,404,450

The carrying amounts of the intangible assets of the Group are included in the consolidated statement of financial position under the heading of intangible assets.

	31	
	2021	2020
	RMB'000	RMB'000
Goodwill	15,307	25,307

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34.

	31	
	2021	2020
	RMB'000	RMB'000
应收账款 应收账款减值准备 应收账款净额 (note(a)) 其他应收款 (note(b)) 其他应收款减值准备 (note(c)) 其他应收款净额 (note(d))	25,200,354 3,345,50 295,400 32,331 1,145,0	11,405,25 3,142,250 220,000 445,665 750
	30,315,95	23,214,50
应付账款 应付账款减值准备 应付账款净额 (note(e))	25,452,053 4,4542	21,505,21 1,70,30
	30,315,95	23,214,50
预收账款 预收账款减值准备 预收账款净额 合同负债 合同负债减值准备 合同负债净额	11,22,51 5,13,933 1,99 5,11,5	12,31,322 2,457,544 5,14,2 3,253,75
	30,315,95	23,214,50
应付股利 应付股利减值准备	(11,22,51) (11,22,51)	(12,31,322) (12,31,322)
应付利息	1,904,0	10,626

Notes to the Consolidated Financial Statements

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34. 其他應收款 (continued)

Notes:

- (i) 其他應收款包括由非關聯公司所欠的款項，其賬面價值如下：(單位：人民幣千元)
- | | |
|-------------|---------------|
| 2021年12月31日 | 3,346,750,000 |
| 2020年12月31日 | 3,142,250,000 |
- 其他應收款包括由非關聯公司所欠的款項，其賬面價值如下：(單位：人民幣千元)
- | | |
|-------------|----------------|
| 2021年12月31日 | 2,443,500,000 |
| 2022年12月31日 | 3,250,000,000 |
| 2023年12月31日 | 10,110,000,000 |
| 2021年12月31日 | 65,232,000 |
- (ii) 於2021年12月31日，其他應收款包括由北京京豐熱電有限責任公司(北京京豐熱電)(單位：人民幣千元)所欠的款項，其賬面價值如下：(單位：人民幣千元)
- | | |
|-------------|------------|
| 2021年12月31日 | 70,000,000 |
| 2020年12月31日 | 70,000,000 |
- 北京京能融資租賃有限公司(北京京能融資租賃)(單位：人民幣千元)所欠的款項，其賬面價值如下：(單位：人民幣千元)
- | | |
|-------------|-------------|
| 2021年12月31日 | 225,400,000 |
| 2020年12月31日 | 225,400,000 |
- 其他應收款包括由北京京能熱電有限公司(北京京能熱電)(單位：人民幣千元)所欠的款項，其賬面價值如下：(單位：人民幣千元)
- | | |
|-------------|------------|
| 2021年12月31日 | 10,124,000 |
| 2020年12月31日 | 10,667,000 |
- (iii) 其他應收款包括由光大金融租賃股份有限公司(光大金融租賃)(單位：人民幣千元)所欠的款項，其賬面價值如下：(單位：人民幣千元)
- | | |
|-------------|-------------|
| 2021年12月31日 | 0 |
| 2020年12月31日 | 200,000,000 |
- 其他應收款包括由中國農發重點建設基金有限公司(中國農發重點建設基金)(單位：人民幣千元)所欠的款項，其賬面價值如下：(單位：人民幣千元)
- | | |
|-------------|-------------|
| 2021年12月31日 | 310,000,000 |
| 2020年12月31日 | 310,000,000 |
- 其他應收款包括由北京上莊燃氣熱電有限公司(北京上莊燃氣熱電)(單位：人民幣千元)所欠的款項，其賬面價值如下：(單位：人民幣千元)
- | | |
|-------------|--------|
| 2021年12月31日 | 60.03% |
| 2020年12月31日 | 60.03% |
- 其他應收款包括由中國農發重點建設基金有限公司(中國農發重點建設基金)(單位：人民幣千元)所欠的款項，其賬面價值如下：(單位：人民幣千元)
- | | |
|-------------|-------------|
| 2021年12月31日 | 110,000,000 |
| 2025年12月31日 | 100,000,000 |
| 2026年12月31日 | 100,000,000 |
| 2026年6月30日 | 100,000,000 |
- (iv) 其他應收款包括由北京上莊燃氣熱電有限公司(北京上莊燃氣熱電)(單位：人民幣千元)所欠的款項，其賬面價值如下：(單位：人民幣千元)
- | | |
|-------------|-------------|
| 2021年12月31日 | 221,000,000 |
| 2020年12月31日 | 221,000,000 |

Notes to the Consolidated Financial Statements

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34. **Financial Instruments** (continued)

Notes: (continued)

- (.) At 31 December 2021, the company has issued a total of 146,760,000 convertible preferred shares with a face value of 3.5% convertible preferred shares with a par value of 100,000,000 yuan (2021: 100,000,000 yuan). The conversion price is 2.65 yuan (2021: 2.65 yuan). The conversion period is from 2023 to 2025. The interest rate is 4.56% (2021: 4.56%) convertible preferred shares.
- (i) At 31 December 2021, the company has issued a total of 17,110,000 convertible preferred shares with a face value of 31,110,000 yuan (2021: 31,110,000 yuan).
- (ii) At 31 December 2021, the company has issued a total of 17,110,000 convertible preferred shares with a face value of 31,110,000 yuan (2021: 31,110,000 yuan).
- (iii) At 31 December 2021, the company has issued a total of 142,617,600 convertible preferred shares with a face value of 135,700,000 yuan (2021: 135,700,000 yuan).
- (iv) At 31 December 2021, the company has issued a total of 14,660,000 (2021: 14,660,000) convertible preferred shares with a face value of 6,714,200 (2021: 6,714,200) yuan. The conversion price is 1.00 yuan (2021: 1.00 yuan). The conversion period is from 2021 to 2025 (2021: from 2021 to 2025). The interest rate is 3.75% (2021: 3.75%) convertible preferred shares.
- (v) At 31 December 2021, the company has issued a total of 535,000,000 yuan (2021: 535,000,000 yuan) convertible preferred shares with a face value of 15,000,000 (2021: 15,000,000) yuan. The conversion price is 35.67 yuan (2021: 35.67 yuan). The conversion period is from 2021 to 2025 (2021: from 2021 to 2025). The interest rate is 3.75% (2021: 3.75%) convertible preferred shares.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

34. **Prepaid expenses and deposits** (continued)

The following table shows the movement in prepaid expenses and deposits during the reporting period:

	31	
	2021	2020
	RMB'000	RMB'000
Prepaid expenses	15,104,459	17,441,753
Deposits	15,212,13	5,772,37
	30,316,595	23,214,50

	31	
	2021	2020
Prepaid expenses	2.09% 4.99%	2.0% 4.0%
Deposits	1.20% 10.00%	1.20% 10.00%

At 31 December 2021, the prepaid expenses and deposits were fully paid. At 31 December 2020, the prepaid expenses and deposits were fully paid.

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35.

Year 23 A, 2021, total amount of 2,000,000,000 Yuan, interest rate of 2.00%, maturity date of 2022.

Year 24 un, 2021, total amount of 2,000,000,000 Yuan, interest rate of 2.6%, maturity date of 2022.

Year 27 A, 2021, total amount of 1,500,000,000 Yuan, interest rate of 2.50%, maturity date of 2022.

Year 41, 2021, total amount of 2,000,000,000 Yuan, interest rate of 2.52%, maturity date of 2022.

The above-mentioned financial instruments are issued by the Association of Interbank Market Dealers (銀行間市場交易商協會) (IAA) in the interbank market.

3.

Year 1, 2017, total amount of 2,000,000,000 Yuan, 5-year fixed rate, interest rate of 5.50%, maturity date of 2022, principal amount of 1,434,000,000 Yuan, maturity date of 2022.

Year 3 A, 201, total amount of 1,500,000,000 Yuan, 5-year fixed rate, interest rate of 5.1%, maturity date of 2023, principal amount of 1,457,540,000 Yuan, maturity date of 2023.

Year A, 2020, total amount of 1,000,000,000 Yuan, 5-year fixed rate, interest rate of 3.25%, maturity date of 2025, principal amount of 55,000 Yuan, maturity date of 2025.

Year 13, 201, total amount of 1,000,000,000 Yuan, 3-year fixed rate, interest rate of 3.64%, maturity date of 2022, principal amount of 642,000 Yuan, maturity date of 2022.

Year 16 A, 2020, total amount of 1,000,000,000 Yuan, 5-year fixed rate, interest rate of 3.22%, principal amount of 600,000,000 Yuan, 3-year fixed rate, interest rate of 2.65%, principal amount of 400,000,000 Yuan, maturity date of 642,000 Yuan, maturity date of 2023 and 2025.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

3 4 5 6 7

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

3. Financial Instruments (continued)

Notes:

(i) Financial instruments measured at fair value:

All financial instruments are measured at fair value. The fair value of financial instruments is determined using the market approach, which is based on the price received in a recent transaction for an identical or similar instrument. The fair value of financial instruments is determined using the market approach, which is based on the price received in a recent transaction for an identical or similar instrument.

The fair value of financial instruments is determined using the market approach, which is based on the price received in a recent transaction for an identical or similar instrument.

Financial instruments measured at fair value:

31 December 2021		31 December 2020	
Carrying amount	Fair value	Carrying amount	Fair value
A \$111,500,000 (Carrying amount ▲ 515,353,000)	17 December 2025	A \$137,000,000 (Carrying amount ▲ 62,151,000)	17 December 2025
A \$153,777,200 (Carrying amount ▲ 710,500,000)	2 December 2024	A \$1,420,000,000 (Carrying amount ▲ 1,151,200,000)	21 June 2021

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

3. Financial Instruments (continued)

Notes: (continued)

(c) Financial Instruments (continued)

The Group's financial instruments include trade receivables, trade payables, other receivables, other payables, bank balances, cash and cash equivalents, and financial assets and liabilities. The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value.

The Group's financial instruments are classified as financial assets or financial liabilities.

Financial Instrument	Measurement	Classification
Trade receivables	Amortised cost	Financial assets
Trade payables	Amortised cost	Financial liabilities
Other receivables	Amortised cost	Financial assets
Other payables	Amortised cost	Financial liabilities
Bank balances	Amortised cost	Financial assets
Cash and cash equivalents	Amortised cost	Financial assets

The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value.

The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value. The Group's financial instruments are classified as financial assets or financial liabilities. The Group's financial instruments are measured at fair value.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

3. Financial Instruments

	RMB'000 (note(a))	RMB'000 (notes(b) and (c))	RMB'000
At January 1, 2020	313,033	4,525	7,211
Addition	341,711	3,035	344,746
Disposals	(426,401)	(52,422)	(47,190)
At December 31, 2020	22,333	435,113	4,147
Addition	291,055	1,533	292,111
Disposals	(500,030)	(55,312)	(555,199)
At December 31, 2021	19,358	3,153	400,999

	31 2021 RMB'000	2020 RMB'000
Financial instruments not designated as hedging instruments	19,358	22,336
Financial instruments designated as hedging instruments	3,153	435,111
	400,999	664,147

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

3. *(continued)*

Notes:

- (i) ...
- (ii) ...
- (iii) ...

39. *(continued)*

	31	
	2021	2020
	RMB'000	RMB'000
...	9,2	64,65
...	3,212	5,76
...	1,0232	10,5
...	5,4	56,555
...	900,990	00,5
...	(9,2)	(64,65)
...	11,22	36,336

... 4.76% (2020 .4.77%).

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

40. 其他应收款 (Other receivables)

	31 DECEMBER	
	2021	2020
	RMB'000	RMB'000
Accounts receivable	1,940.2	24,255
Prepaid expenses	(5,323)	(5,277)
Other receivables	(1,402)	34
	12,1	1,402

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

42. 應收賬款

	31	
	2021 RMB'000	2020 RMB'000
應收賬款	2,000,000	2,76,757
減：應收賬款減值撥備	(1,904,300)	(1,000,000)
應收賬款淨額	1,000,000	1,076,757
	3,934,400	3,34,473

43. 其他應收款

() 截至 2020 年 12 月 31 日

截至 2020 年 12 月 31 日，其他應收款總額為 15,000,000 元，其中：(1) 應收賬款 1,500,000 元；(2) 其他應收款 14,325,000 元。

截至 2023 年 12 月 31 日，其他應收款總額為 15,000,000 元，其中：(1) 應收賬款 1,500,000 元；(2) 其他應收款 14,325,000 元。

截至 2023 年 12 月 31 日，其他應收款總額為 15,000,000 元，其中：(1) 應收賬款 1,500,000 元；(2) 其他應收款 14,325,000 元。

At 12/31/2023, the other receivables were 15,000,000 yuan, including: (i) accounts receivable of 1,500,000 yuan, (ii) other receivables of 14,325,000 yuan, and (iii) 300 other receivables of 300 yuan.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

43. **Financial Instruments** (continued)

(a) **Financial Instruments** (continued)

As at 31 December 2021, the carrying amount of financial instruments is as follows:

Category	2021
Financial assets	500,000,000
Financial liabilities	4,555,000

The carrying amount of financial instruments is measured at fair value. The fair value of financial instruments is determined using the following methods:

- Financial assets and liabilities are measured at fair value using the market approach.
- Financial assets and liabilities are measured at fair value using the cost method.
- Financial assets and liabilities are measured at fair value using the income approach.

The carrying amount of financial instruments is measured at fair value. The fair value of financial instruments is determined using the following methods:

- Financial assets and liabilities are measured at fair value using the market approach.
- Financial assets and liabilities are measured at fair value using the cost method.
- Financial assets and liabilities are measured at fair value using the income approach.

At 31 December 2023, the carrying amount of financial instruments is as follows:

Category	2023
Financial assets	500,000,000
Financial liabilities	4,555,000

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

43. **Financial Instruments** (continued)

(b) **Financial Instruments** (continued)

At 31 December 2021, the consolidated financial statements show the following financial instruments: (i) cash and cash equivalents of HK\$ 1,000,000,000 (2020: HK\$ 5,500,000).

The consolidated financial statements show the following financial instruments: (i) cash and cash equivalents of HK\$ 1,000,000,000 (2020: HK\$ 5,500,000).

At 31 December 2021, the consolidated financial statements show the following financial instruments: (i) cash and cash equivalents of HK\$ 1,000,000,000 (2020: HK\$ 5,500,000).

At 31 December 2021, the consolidated financial statements show the following financial instruments: (i) cash and cash equivalents of HK\$ 1,000,000,000 (2020: HK\$ 5,500,000).

At 31 December 2021, the consolidated financial statements show the following financial instruments: (i) cash and cash equivalents of HK\$ 1,000,000,000 (2020: HK\$ 5,500,000).

At 31 December 2021, the consolidated financial statements show the following financial instruments: (i) cash and cash equivalents of HK\$ 1,000,000,000 (2020: HK\$ 5,500,000).

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

44.

	31 December 2020	31 December 2021
Units	1,517,002,000	1,517,002,000

Units of 31 December 2021, the company has 100% of the units of 31 December 2020, with a decrease of 1,517,002,000 units. The decrease is due to the company's business operations.

The company's units of 31 December 2021, the company has 100% of the units of 31 December 2020, with a decrease of 1,517,002,000 units. The decrease is due to the company's business operations.

The company's units of 31 December 2021, the company has 100% of the units of 31 December 2020, with a decrease of 1,517,002,000 units. The decrease is due to the company's business operations.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

44. 附屬公司 (c.n.in.ed)

44.1 附屬公司 2021 (c.n.in.ed)

	2021	2020
	2021	2020
	RMB'000	
宜昌市夷陵區中基熱電有限公司 (Yichang City Yiling District Zhongji Thermal Power Co., Ltd.)*	24,000	41,000
鄂托克前旗晟日新能源科技有限公司 (Etoke Qianqi Shengri New Energy Technology Co., Ltd.)*	—	32
河北融智新源電力有限公司 (Hebei Rongzhi Xinyuan Power Co., Ltd.)*	12,000	4,990
平羅縣旭清新能源有限公司 (Pingluo County Xuqing New Energy Co., Ltd.)*	1,000	1,024,000
平羅縣旭清新能源有限公司 (Pingluo County Xuqing New Energy Co., Ltd.)*	1,000	30,400
平羅縣旭清新能源有限公司 (Pingluo County Xuqing New Energy Co., Ltd.)*	29,000	4,000
廣東輝宇新能源投資有限公司 (Guangdong Huiyu New Energy Investment Co., Ltd.)*	1,000	2,990
張家口風沐新能源有限公司 (Zhangjiakou Fengmu New Energy Co., Ltd.)*	2,000	9,040
		1,510,002

* 附屬公司均為全資附屬公司。

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

44. **Other receivables** (continued) (c.n.in.ed)

Analysis of other receivables at 31 December 2021 (c.n.in.ed)

At 31 December 2021, other receivables are primarily due from the following categories (including the amount of other receivables that are not due within one year, but are not classified as long-term receivables):

	<i>RMB'000</i>
Accounts receivable	2,141,130
Prepaid expenses	35,333
Other receivables	2,494
Other receivables	5,355
Other receivables	2,409
Other receivables	11
Other receivables	54,245
Other receivables	0
Other receivables	2
Other receivables	(1,112)
Other receivables	(1,352,555)
Other receivables	(22,222)
Other receivables	(9,155)
Other receivables	(1,333)
Other receivables	1,555,322
Other receivables	1,511,002
Other receivables	4,400
Other receivables	(1,555,322)
Other receivables	(34,190)
Other receivables	1,511,002
Other receivables	(155,030)
Other receivables	(0)
Other receivables	1,312,212

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

44. **Share Capital (c.n.in.ed)**

44.1 **Share Capital 2021 (c.n.in.ed)**

At the end of the reporting period, the Company has 15,511,000 ordinary shares in issue, representing 60,061,000 ordinary shares.

The Company's ordinary shares in issue at the end of 2021, representing 15,511,000 ordinary shares, have a nominal value of 1,600,000,000, and a carrying amount of 2,530,445,000. The Company's ordinary shares in issue at the end of 2021, representing 15,511,000 ordinary shares, have a nominal value of 1,600,000,000, and a carrying amount of 2,530,445,000.

The Company's ordinary shares in issue at the end of 2021, representing 15,511,000 ordinary shares, have a nominal value of 1,600,000,000, and a carrying amount of 2,530,445,000.

The Company's ordinary shares in issue at the end of 2021, representing 15,511,000 ordinary shares, have a nominal value of 1,600,000,000, and a carrying amount of 2,530,445,000.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

44. **Other non-current assets** (c.n.in.ed)

As at 31 December 2021 and 2020 (c.n.in.ed)

Amounts are denominated in RMB unless otherwise specified.

	<i>RMB'000</i>
Investment in subsidiaries	1,346,52
Investment in joint ventures	10,2
Investment in associates	564,6
Investment in other entities	2,60
Investment in structured entities	3,0311
Investment in real estate	16,514
Investment in other non-current assets	1,5744
Investment in other non-current assets	3,0
Investment in other non-current assets	(2,060,603)
Investment in other non-current assets	(3,0,50)
Investment in other non-current assets	(25,145)
Investment in other non-current assets	(2,13)
Investment in other non-current assets	(24,)
	<hr/>
Investment in other non-current assets	1,5,234
	<hr/>
Investment in other non-current assets	34,13

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

44. **Prepaid expenses and deposits (continued)**

	31 December 2021	31 December 2020
Prepaid expenses	3,151,000	4,283,000
Deposits	17,227,564,000	2,473,066,000
Total	20,378,615,000	6,756,149,000

The above amounts are stated in RMB. The 2021 amount for deposits is primarily due to the acquisition of land use rights and construction of buildings. The 2020 amount for deposits is primarily due to the acquisition of land use rights and construction of buildings.

45. **Other non-current assets**

	31 December 2021	31 December 2020
	RMB'000	RMB'000
Other non-current assets	2,100,000	3,657,075

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. 关联方关系及其交易

(一) 关联方关系及其交易的认定标准
 1. 关联方关系及其交易的认定标准
 (1) 关联方关系及其交易的认定标准

	31	
	2021 RMB'000	2020 RMB'000
关联方交易		
关联方交易	3,344	2,353,117
关联方交易	1,421	135,7
关联方交易	44,03	52,25
	5,153,55	2,541,254

(二) 关联方交易

At 31 December 2021, the company is 100% (2020: 75%) owned by Beijing Jingneng Clean Energy Co., Limited. The company is a subsidiary of Beijing Jingneng Clean Energy Co., Limited. The company is a subsidiary of Beijing Jingneng Clean Energy Co., Limited. The company is a subsidiary of Beijing Jingneng Clean Energy Co., Limited.

4. 关联方关系及其交易

关联方关系及其交易的认定标准
 1. 关联方关系及其交易的认定标准
 (1) 关联方关系及其交易的认定标准

关联方关系及其交易的认定标准
 1. 关联方关系及其交易的认定标准
 (1) 关联方关系及其交易的认定标准

关联方关系及其交易的认定标准
 1. 关联方关系及其交易的认定标准
 (1) 关联方关系及其交易的认定标准

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

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Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. **Other financial instruments** (continued)

() The company has entered into a swap agreement with a non-financial institution, which is used to hedge the company's foreign exchange risk. The swap agreement is classified as a derivative financial instrument. The swap agreement is entered into on 31 December 2020, with a maturity date of 31 December 2021. The swap agreement is entered into with a non-financial institution.

	31	2020
	2021	
	RMB'000	

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. *Financial instruments* (continued) (c n. in ed)

(i) *Financial assets and liabilities*

At the end of the year 31 December 2021, the consolidated financial statements show the following financial assets and liabilities:

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

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Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. 其他非流动资产 (c.n.in ed)

(i) 其他非流动资产 (c.n.in ed)

(iii) EPC 框架协议 k ag eemen.

	31	
	2021 RMB'000	2020 RMB'000
其他非流动资产	1,01	4,56

(i) Finance lease 框架协议 k ag eemen.

	31	
	2021 RMB'000	2020 RMB'000
其他非流动资产		247,730

于资产负债表日 31 十二月 2020, 其他非流动资产中包括融资租赁款 247,730,000。

(i) Operating expense 框架协议 k ag eemen.

	31	
	2021 RMB'000	2020 RMB'000
其他非流动资产	5,04	,366

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

4. Intangible Assets (continued) (c n. in ed)

() Intangible Assets (continued) (c n. in ed)

(i) General Intangible Assets (continued) (c n. in ed)

	31	
	2021 RMB'000	2020 RMB'000
Amortization	1,4	10,243

() Intangible Assets (continued) (c n. in ed)

	31	
	2021 RMB'000	2020 RMB'000
Patent	500	500
Software	1,120	7,003
Other intangible assets	30	2
	<u>1,990</u>	<u>7,532</u>

The intangible assets are measured at cost less accumulated amortization and impairment losses. Amortization is calculated on a straight-line basis over the estimated useful life of the intangible assets. The estimated useful life of the intangible assets is as follows:

- () Patent: 10 years
- () Software: 5 years
- () Other intangible assets: 5 years

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

49.

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... ..

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50.

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	31	
	2021	2020
	RMB'000	RMB'000
...		
...	1,95,920	14,267,440
...	2,020	1,604
...	10,930	66,110
...	52,500	
...		
...	50,114,290	41,65,640
...	1,034	64,570

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. **Share-based payments (continued)**

(i) **Share-based payments to directors and key management personnel**

The Company's share-based payments to directors and key management personnel are accounted for as equity-settled share-based payments. The fair value of the share-based payments is measured at the grant date, which is the date that the directors and key management personnel accept the award, and is expensed over the vesting period. The fair value is also adjusted for the non-market condition of the share-based payments. The share-based payments are measured at the fair value of the equity instrument granted, which is the fair value of the shares of the Company at the grant date. The share-based payments are measured at the fair value of the equity instrument granted, which is the fair value of the shares of the Company at the grant date.

Share-based payments to employees

The Company's share-based payments to employees are accounted for as equity-settled share-based payments. The fair value of the share-based payments is measured at the grant date, which is the date that the employees accept the award, and is expensed over the vesting period. The fair value is also adjusted for the non-market condition of the share-based payments.

The share-based payments to employees are measured at the fair value of the equity instrument granted, which is the fair value of the shares of the Company at the grant date. The share-based payments to employees are measured at the fair value of the equity instrument granted, which is the fair value of the shares of the Company at the grant date.

(ii) **Share-based payments to management**

The Company's share-based payments to management are accounted for as equity-settled share-based payments. The fair value of the share-based payments is measured at the grant date, which is the date that the management accept the award, and is expensed over the vesting period. The fair value is also adjusted for the non-market condition of the share-based payments. The share-based payments to management are measured at the fair value of the equity instrument granted, which is the fair value of the shares of the Company at the grant date. The share-based payments to management are measured at the fair value of the equity instrument granted, which is the fair value of the shares of the Company at the grant date.

The share-based payments to management are measured at the fair value of the equity instrument granted, which is the fair value of the shares of the Company at the grant date. The share-based payments to management are measured at the fair value of the equity instrument granted, which is the fair value of the shares of the Company at the grant date.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. 2021年12月31日 (c.n.in.ed)

() 2021年12月31日 (c.n.in.ed)

Make, i k (c.n.in.ed)

(i) **In.e.e., a.e, i k managem. (c.n.in.ed)**

2021年12月31日，本公司合并财务报表中应收账款的账面价值为人民币16,105,000元（2020年12月31日：人民币22,276,000元）。

▲ 应收账款减值准备的计提方法：本公司按照单项应收账款和组合应收账款分别计提坏账准备。对于单项金额重大的应收账款，单独进行减值测试，计提坏账准备。对于单项金额不重大的应收账款，按照信用风险特征划分为若干组合，再按组合计提坏账准备。组合计提坏账准备的应收账款，按账龄分析法计提坏账准备。

2021年12月31日

2021年12月31日，本公司合并财务报表中应收账款的账面价值为人民币16,105,000元（2020年12月31日：人民币22,276,000元）。其中，单项金额重大的应收账款账面价值为人民币1,200,000元（2020年12月31日：人民币1,200,000元），单项金额不重大的应收账款账面价值为人民币14,905,000元（2020年12月31日：人民币21,076,000元）。

2021年12月31日，本公司合并财务报表中应收账款的账面价值为人民币16,105,000元（2020年12月31日：人民币22,276,000元）。其中，单项金额重大的应收账款账面价值为人民币1,200,000元（2020年12月31日：人民币1,200,000元），单项金额不重大的应收账款账面价值为人民币14,905,000元（2020年12月31日：人民币21,076,000元）。

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. *Financial instruments (continued)*

(i) *Financial risk management (continued)*

Market risk (continued)

(ii) *Foreign currency risk management*

US dollar

The US dollar denominated net financial position, in US dollars, as at 31 December (i.e. 32), 31 December (i.e. 34) and 31 December (i.e. 33) is denominated in US dollars, and the US dollar denominated net financial position is as follows:

US dollar denominated

The US dollar denominated net financial position as at 31 December 2021 is \$15.3 million. The US dollar denominated net financial position as at 31 December 2020 is \$25.307 million. The US dollar denominated net financial position as at 31 December 2021 is \$5.09 million. The US dollar denominated net financial position as at 31 December 2020 is \$1.060 million. The US dollar denominated net financial position as at 31 December 2021 is \$3.9 million. The US dollar denominated net financial position as at 31 December 2020 is \$5.13 million. The US dollar denominated net financial position as at 31 December 2021 is \$4.59 million. The US dollar denominated net financial position as at 31 December 2020 is \$6.06 million.

	31/12/2021 RMB'000	31/12/2020 RMB'000	31/12/2021 RMB'000	31/12/2020 RMB'000
-	15,3	25,307		
-			5,09	1,060
-			3,9	5,13
A			4,59	6,06

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. *(c n.in ed)*

() (c n.in ed)

Ma ke i k (c n.in ed)

(ii) F e i g n c o n t r o l m a n a g e m e n t (c n.in ed)

(c n.in ed)

... 5% ... \$, \$ n. ▲ \$.5% ... \$, \$ n. ▲ \$, ...

	31	
	2021	2020
	RMB'000	RMB'000
...	40	1,027
...	(205)	(43)
...	(1 0)	(20)
...	(1.92)	(246)

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. **Financial instruments** (continued)

(i) **Financial assets** (continued)

Make-up ink

(iii) **Other receivables**

The Group's other receivables consist of amounts due from various entities, including customers, suppliers, and other related parties. The Group's other receivables are classified as financial assets and are measured at amortized cost. The Group's other receivables are subject to credit risk, which is the risk that the counterparty will fail to meet its contractual obligations, resulting in a financial loss to the Group.

The Group's other receivables are as follows:

The Group's other receivables are classified as financial assets and are measured at amortized cost. The Group's other receivables are subject to credit risk, which is the risk that the counterparty will fail to meet its contractual obligations, resulting in a financial loss to the Group.

The Group's other receivables are classified as financial assets and are measured at amortized cost. The Group's other receivables are subject to credit risk, which is the risk that the counterparty will fail to meet its contractual obligations, resulting in a financial loss to the Group.

The Group's other receivables are classified as financial assets and are measured at amortized cost. The Group's other receivables are subject to credit risk, which is the risk that the counterparty will fail to meet its contractual obligations, resulting in a financial loss to the Group.

Contract assets and impairment allowances

The Group's contract assets consist of amounts due from various entities, including customers, suppliers, and other related parties. The Group's contract assets are classified as financial assets and are measured at amortized cost. The Group's contract assets are subject to credit risk, which is the risk that the counterparty will fail to meet its contractual obligations, resulting in a financial loss to the Group.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. *Financial instruments* (continued)

(i) *Financial assets and liabilities* (continued)

Capital instruments and impairment allowances (continued)

The following table provides information about the carrying amounts of the Group's financial assets and liabilities, and the amounts of the Group's equity instruments.

		31 2021	2020
	12- month	ended 31 December	ended 31 December
		RMB'000	RMB'000
Financial assets			
Investment in subsidiaries	12 months	0,339	357,13
Investment in associates	12 months	5,14,041	4,352,14
Investment in equity instruments of other entities	12 months	193,224	3,116
Investment in debt instruments	12 months	24,0	24,77
Investment in financial assets at fair value through profit or loss	12 months	11,43,40	,1,11
Investment in financial assets at fair value through other comprehensive income	12 months	25,304	24,75

Notes:

(i) The carrying amounts of the Group's financial assets and liabilities are stated in RMB.

(ii) The carrying amounts of the Group's financial assets and liabilities are stated in RMB. The carrying amounts of the Group's financial assets and liabilities are stated in RMB. The carrying amounts of the Group's financial assets and liabilities are stated in RMB.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. **Trade receivables** (continued) (c n.in ed)

(i) **Trade receivables** (continued) (c n.in ed)

Trade receivables (continued) (c n.in ed)

Trade and bill receivable aging information (continued)

The following table shows the aging of trade receivables at the end of the reporting period. The amounts are stated in million RMB. The aging of trade receivables is as follows:

Age	2021	2020
Within 60 days	1,234,567	987,654
61-90 days	345,678	234,567
91-180 days	123,456	87,654
Over 180 days	56,789	45,678
Total	1,760,500	1,355,553

The following table shows the aging of trade receivables at the end of the reporting period. The amounts are stated in million RMB. The aging of trade receivables is as follows:

Age	2021	2020
Within 60 days	1,234,567	987,654
61-90 days	345,678	234,567
91-180 days	123,456	87,654
Over 180 days	56,789	45,678
Total	1,760,500	1,355,553

Other receivable and due (continued)

The following table shows the aging of other receivables and due at the end of the reporting period. The amounts are stated in million RMB. The aging of other receivables and due is as follows:

Age	2021	2020
Within 60 days	123,456	98,765
61-90 days	45,678	34,567
91-180 days	23,456	12,345
Over 180 days	12,345	8,765
Total	204,935	154,447

The following table shows the aging of other receivables and due at the end of the reporting period. The amounts are stated in million RMB. The aging of other receivables and due is as follows:

Age	2021	2020
Within 60 days	123,456	98,765
61-90 days	45,678	34,567
91-180 days	23,456	12,345
Over 180 days	12,345	8,765
Total	204,935	154,447

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. 其他应收款 (c.n.in.ed)

() 其他应收款 (c.n.in.ed)

Credit risk and impairment assessment (c.n.in.ed)

Replicable bank deposits and cash and cash equivalents

于资产负债表日，本集团所持有的存款及现金等价物均存放于信用评级良好的金融机构，且其流动性强，因此本集团认为其不存在信用减值风险。本集团于资产负债表日持有的其他应收款中，12%为应收关联方款项，其余为应收其他单位的款项。本集团认为，除应收关联方款项外，其他应收款不存在信用减值风险。本集团定期对应收关联方款项进行减值测试，未发现减值迹象。本集团认为，除应收关联方款项外，其他应收款不存在减值迹象。

本集团对其他应收款进行减值测试，未发现减值迹象。

	2020年12月31日 (人民币千元)	2021年12月31日 (人民币千元)
	RMB'000	RMB'000
At 1 January 2020	15,777	15,777
▶ 增加	7,333	7,333
▶ 减少	(6,417)	(6,417)
At 31 December 2020	14,933	14,933
▶ 增加	3,441	3,441
▶ 减少	(1,441)	(1,441)
At 31 December 2021	13,935	13,935

于资产负债表日，本集团持有的其他应收款于2021年12月31日减少24,706,000 (2020年12月31日增加24,777,000)。本集团认为，其他应收款不存在减值迹象。本集团定期对其他应收款进行减值测试，未发现减值迹象。本集团认为，其他应收款不存在减值迹象。

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. *(c n. in ed)*

() (c n. in ed)

Liability risk management

Entire amount of debt is used to finance the business operations and investment activities. The amount of debt is used to finance the business operations and investment activities.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. **Intangible Assets** (continued)

(i) **Software** (continued)

Intangible Assets

The Company's intangible assets are primarily software licenses. The software licenses are amortized over their useful lives.

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Autodesk, the intangible asset, is a software license. The software license is amortized over its useful life of 5 years. The software license is used in the Company's operations.

There are no other intangible assets.

The intangible asset is measured at cost less accumulated amortization and impairment losses. The intangible asset is amortized on a straight-line basis over its useful life. The intangible asset is tested for impairment at the end of each reporting period. The intangible asset is impaired if the carrying amount exceeds the recoverable amount. The intangible asset is written down to its recoverable amount. The intangible asset is then amortized over its remaining useful life.

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. **Financial Instruments** (continued)

(c) **Financial Assets**

The following table shows the carrying amounts of the Group's financial assets measured at amortised cost, fair value through profit or loss, and fair value through other comprehensive income.

	31 December 2021		31 December 2020	
	HK\$ million	US\$ million	HK\$ million	US\$ million
1) Financial assets measured at amortised cost (see Note 30)	2,020,000	282,000	1,604,000	222,000
2) Financial assets measured at fair value through profit or loss (see Note 37)	11,310,000	1,580,000	1,034,000	143,000
3) Financial assets measured at fair value through other comprehensive income (see Note 25)	109,300,000	15,000,000	66,110,000	9,100,000
4) Financial assets measured at fair value through profit or loss (see Note 37)	41,130,000	5,600,000	43,510,000	5,900,000

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

50. 其他应收款 (continued) (c n.in ed)

(1) 其他应收款 (c n.in ed)

Note: 2021年12月31日, 其他应收款中包括应收政府补贴款。2021年, 公司收到政府补贴款共计人民币43,510,000元, 较2020年增加人民币2,121,000元。2021年, 公司计提坏账准备人民币5,343,000元, 较2020年增加人民币1,300,000元。2021年, 公司转回坏账准备人民币9,000元, 较2020年减少人民币16,000元 (2020年计提坏账准备人民币2,121,000元)。

截至2021年12月31日, 其他应收款中包括应收政府补贴款, 该等款项的回收风险较低, 且预期能够在短期内收回, 因此, 公司未对该等款项计提坏账准备。

除应收政府补贴款外, 其他应收款中包括应收关联方款项。

截至2021年12月31日, 其他应收款中包括应收关联方款项, 该等款项的回收风险较低, 且预期能够在短期内收回, 因此, 公司未对该等款项计提坏账准备。

截至2021年12月31日, 其他应收款中包括应收关联方款项 (附注34) 人民币43,510,000元 / 美元1,000,000元 (附注36), 该等款项的回收风险较低, 且预期能够在短期内收回, 因此, 公司未对该等款项计提坏账准备。

截至2021年12月31日, 其他应收款中包括应收关联方款项。

	31	
	2021	2020
	RMB'000	RMB'000
其他应收款	(43,510)	(41,041)
— 应收关联方 (附注34)	5,343	(1,300)
— 应收政府补贴款 (附注36)	(9)	(1,16)
其他应收款	41,13	(43,510)

Prepaid expenses and FVTOCI

截至2021年12月31日, 预付账款中包括预付账款, 金额为人民币42,726,000元, 较2020年12月31日增加人民币1,026,000元。

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

51. 其他应收款 (Other receivables)

At the end of the reporting period, other receivables primarily consist of amounts due from related parties, deposits, and other receivables. Other receivables are measured at fair value less expected credit losses. The carrying amount of other receivables is RMB1,352,513,000 (2020: RMB3,522,430,000) at the end of the reporting period.

	2021 RMB'000	2021 RMB'000	2021 RMB'000	2020 RMB'000	2020 RMB'000	2020 RMB'000
At 1 January 2021	23,214,500	7,060,650	4,555,335	2,025,412	900,995	37,766,000
Income tax receivable	5,392,022	439,342	(9,500)	(2,112)	(4,311)	1,013,990
Accounts receivable	3,999	9,411	9,905	2,199	39,433	29,314
Other receivables	(14,940)					(14,940)
Accounts payable					22,395	22,395
Accounts payable (Note 44)	1,352,513				22,222	1,395,513
At 31 December 2021	<u>30,315,990</u>	<u>7,599,413</u>	<u>4,555,730</u>	<u>2,025,499</u>	<u>900,995</u>	<u>45,411,237</u>
At 1 January 2020	1,273,307	6,076,411	3,560,377	1,004,515	57,400	30,502,540
Income tax receivable	3,522,430	23,050	2,302	4,760	(4,321)	6,307,522
Accounts receivable	2,651	60,650	6,656	26,120	27,270	241,020
Other receivables	(62,261)					(62,261)
Accounts payable					30,440	30,440
Accounts payable (Note 44)	30,450				25,145	406,050
At 31 December 2020	<u>23,214,500</u>	<u>7,060,650</u>	<u>4,555,335</u>	<u>2,025,412</u>	<u>900,995</u>	<u>37,766,000</u>

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

52.

52.1 聯營公司 (Jointly Controlled Entities)

以下列載本集團於報告期末 (即截至2021年12月31日及2020年12月31日) 所擁有的聯營公司 (附註44) 於31.12.2021年及2020年12月31日的資料。

聯營公司名稱	資本	2021	2020	2021	2020	2021	2020	本集團於報告期末所佔權益
北京太陽宮燃氣熱電有限公司 (北京太陽宮燃氣熱電有限公司 有限公司) (北京太陽宮燃氣熱電有限公司)	▲ 747,270,000	4%	74%			4%	74%	本集團於報告期末所佔權益
北京京橋熱電有限責任公司 (北京京橋熱電有限公司 有限公司)*	▲ 76,700,000	100%	100%			100%	100%	本集團於報告期末所佔權益
北京京豐燃氣發電有限責任公司 (北京京豐燃氣發電有限公司 有限公司)*	▲ 325,770,000	100%	100%			100%	100%	本集團於報告期末所佔權益
北京京能高安屯燃氣熱電有限責任公司 (北京京能高安屯燃氣熱電有限公司 有限公司)*	▲ 760,512,000	100%	100%			100%	100%	本集團於報告期末所佔權益
北京京西燃氣熱電有限公司 (北京京西燃氣熱電有限公司 有限公司)*	▲ 1,030,010,000	100%	100%			100%	100%	本集團於報告期末所佔權益
北京京能熱電有限公司	▲ 775,530,000	100%	100%			100%	100%	本集團於報告期末所佔權益
北京京能熱電有限公司	▲ 231,770,000	100%	100%			100%	100%	本集團於報告期末所佔權益

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

52. 附屬公司 (continued)

52.1 附屬公司 (continued)

		2021		2020		2021		2020	
		2021	2020	2021	2020	2021	2020	2021	2020
盈江華富水電開發有限公司 (Yunnan Huafu Water and Power Development Co., Ltd.)*	▲ 413,600,000	100%	100%			100%	100%	100%	100%
騰冲縣猴橋永興河水電開發有限公司 (Tengchong County Houqiao Yongxing River Water and Power Development Co., Ltd.)*	▲ 74,760,000	100%	100%			100%	100%	100%	100%
華能貴州	▲ 137,500,000	100%	100%			100%	100%	100%	100%
華能湖南	▲ 0,000,000	100%	100%			100%	100%	100%	100%
成都金華能電力實業有限責任公司 (Chengdu Jinhua Power Industry Co., Ltd.)*	▲ 40,000,000			100%	100%	100%	100%	100%	100%
內蒙古京能商都風力發電有限責任公司 (Inner Mongolia Jingneng Shangdu Wind Power Generation Co., Ltd.)*	▲ 207,520,000	100%	100%			100%	100%	100%	100%
內蒙古	▲ 2,721,130,000	100%	100%			100%	100%	100%	100%
內蒙古京能察右中風力發電有限責任公司 (Inner Mongolia Jingneng Chayouzhong Wind Power Generation Co., Ltd.)*	▲ 313,641,000	100%	100%			100%	100%	100%	100%
錫林郭勒吉相華亞風力發電有限責任公司 (Xilin Gol Jixianghua Wind Power Generation Co., Ltd.)*	▲ 36,270,000	100%	100%			100%	100%	100%	100%

Notes to the Consolidated Financial Statements

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		2021		2020		2021		2020	
		2021	2020	2021	2020	2021	2020	2021	2020
內蒙古京能烏蘭伊力更風力發電有限責任公司	7,500,000	100%	100%	500,340	-10,150,027			11,921,500	(99,500,000)
內蒙古京能烏蘭伊力更風力發電有限責任公司									
內蒙古京能烏蘭伊力更風力發電有限責任公司									

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

52. Subsidiaries (continued)

(c) Subsidiaries (continued)

		2021		2020				
		2021	2020	2021	2020	2021	2020	
寧夏京能靈武風電有限公司 (Incorporated in the P.R.C.)*	▲ 411,327,000	100%	100%			100%	100%	100% owned subsidiary
五家渠京能新能源有限責任公司 (Incorporated in the P.R.C.)*	▲ 37,264,000	100%	100%			100%	100%	100% owned subsidiary
寧夏京能中衛有限公司 (Incorporated in the P.R.C.)*	▲ 56,000,000	100%	100%			100%	100%	100% owned subsidiary
北京京能未來燃氣熱電有限公司 (Incorporated in the P.R.C.)*	▲ 304,000,000	100%	100%			100%	100%	100% owned subsidiary
建湖京能新能源有限公司 (Incorporated in the P.R.C.)*	▲ 54,760,000	100%	100%			100%	100%	100% owned subsidiary
寧夏賀蘭京能新能源有限公司 (Incorporated in the P.R.C.)*	▲ 56,760,000	100%	100%			100%	100%	100% owned subsidiary
寧夏中寧縣京能新能源有限公司 (Incorporated in the P.R.C.)*	▲ 471,060,000	100%	100%			100%	100%	100% owned subsidiary
格爾木京能新能源有限公司 (Incorporated in the P.R.C.)*	▲ 205,360,000	100%	100%			100%	100%	100% owned subsidiary
京能電力	▲ 3,147,000	100%	100%			100%	100%	100% owned subsidiary
京能電力	▲ \$77,657,000	100%	100%			100%	100%	100% owned subsidiary
京能電力	Aut. A. \$132,460,000			100%	100%	100%	100%	100% owned subsidiary
京能電力	Aut. A. \$6,500,000			100%	100%	100%	100%	100% owned subsidiary

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

52. 關聯方交易 (continued)

52.1 與關聯方的交易 (continued)

		2021		2020		2021		2020	
		人民幣千元	美元	人民幣千元	美元	人民幣千元	美元	人民幣千元	美元
深圳京能清潔能源融資租賃有限公司	▲ 305,000			100%	100%	100%	100%	100%	100%
(由北京京能清潔能源融資租賃有限公司(附註11)持有)									
府谷縣京能新能源有限公司	▲ 151,160,000	100%	100%			100%	100%	100%	100%
(由北京京能新能源有限公司(附註11)持有)									
共和京能清潔能源有限公司	▲ 165,254,000	100%	100%			100%	100%	100%	100%
(由北京京能清潔能源有限公司(附註11)持有)									
寧夏海原京能新能源有限公司	▲ 36,100,000	100%	100%			100%	100%	100%	100%
(由北京京能新能源有限公司(附註11)持有)									
大同京能新能源有限公司	▲ 170,000,000	100%	100%			100%	100%	100%	100%
(由北京京能新能源有限公司(附註11)持有)									
靖遠京能新能源有限公司	▲ 12,000,000	100%	100%			100%	100%	100%	100%
(由北京京能新能源有限公司(附註11)持有)									
徐聞京能新能源有限公司	▲ 1,000,000	100%	100%			100%	100%	100%	100%
(由北京京能新能源有限公司(附註11)持有)									
北票京能新能源有限公司	▲ 5,610,000	100%	100%			100%	100%	100%	100%
(由北京京能新能源有限公司(附註11)持有)									
朝陽縣京能新能源有限公司	▲ 30,660,000	100%	100%			100%	100%	100%	100%
(由北京京能新能源有限公司(附註11)持有)									
縉雲縣京能新能源有限公司	▲ 21,010,000	100%	100%			100%	100%	100%	100%
(由北京京能新能源有限公司(附註11)持有)									

Notes to the Consolidated Financial Statements

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附屬公司名稱 (Subsidiary Name)	註冊資本 (Registered Capital)	2021		2020		附屬公司類型 (Type of Subsidiary)
		100%	100%	100%	100%	
葫蘆島南票京泰新能源有限公司 (葫蘆島南票京泰新能源有限公司) (Huludao Nanyao Jingtai New Energy Co., Ltd.)*	30,600,000	100%	100%	100%	100%	全資附屬公司 (Wholly-owned subsidiary)
葫蘆島南票萬和新能源有限公司 (葫蘆島南票萬和新能源有限公司) (Huludao Nanyao Wanhe New Energy Co., Ltd.)*	30,552,000	100%	100%	100%	100%	全資附屬公司 (Wholly-owned subsidiary)
南票京泰新能源有限公司 (Nanyao Jingtai New Energy Co., Ltd.)	10,000,000	100%	100%	100%	100%	全資附屬公司 (Wholly-owned subsidiary)

Notes to the Consolidated Financial Statements

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		2021		2020		2021	2020		
		2021	2020	2021	2020				
深州電陽新能源有限公司	▲ 15,455,000	100%	100%			100%	100%	13	0.13 (100%) 6.14

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

52. 附屬公司 (continued)

52.1 附屬公司之詳情 (continued)

		2021		2020		2021		2020	
		2021	2020	2021	2020	2021	2020	2021	2020
天津圖泊明瑞新能源有限公司 (Tianjin Mingrui New Energy Co., Ltd.)*	▲ 40,000,000	100%	100%			100%	100%	100%	100%
天津永能光伏發電有限公司 (Tianjin Yongneng Photovoltaic Power Generation Co., Ltd.)*	▲ 2,000,000	100%	100%			100%	100%	100%	100%
天津圖泊昱隆光伏科技有限公司 (Tianjin Yulong Photovoltaic Technology Co., Ltd.)*	▲ 120,000,000	100%	100%			100%	100%	100%	100%
天津圖泊昱宏光伏科技有限公司 (Tianjin Yuhong Photovoltaic Technology Co., Ltd.)*	▲ 130,000,000	100%	100%			100%	100%	100%	100%
常甯光聚電力開發有限公司 (Changning Guangju Electric Power Development Co., Ltd.)*	▲ 22,700,000	100%	100%			100%	100%	100%	100%
陸豐市明大新能源科技有限公司 (Lufeng Mingda New Energy Technology Co., Ltd.)*	▲ 116,420,000	100%	100%			100%	100%	100%	100%
常德潤勇新能源有限公司 (Changde Runyong New Energy Co., Ltd.)*	▲ 11,300,000	100%	100%			100%	100%	100%	100%
常德潤鵬新能源有限公司 (Changde Runpeng New Energy Co., Ltd.)*	▲ 11,070,000	100%	100%			100%	100%	100%	100%

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

		2021		2020	
		2021	2020	2021	2020
常德宏潤新能源有限公司	▲ 3 0,000	100%	100%	100%	100%

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

		2021		2020	
		2021	2020	2021	2020
義縣加煜光伏電力有限公司	▲ 26,000,000	100%	100%	100%	100%

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

52. 附屬公司 (continued)

52.1 附屬公司之詳情 (continued)

		2021		2020		2021		2020	
		2021	2020	2021	2020	2021	2020	2021	2020
銀川京能清潔能源有限公司 (Yinchuan Jingen Clean Energy Co., Ltd.)*	▲ 14,400,000	100%	100%			100%	100%	100%	100%
韓城京能清潔能源有限公司 (Hancheng Jingen Clean Energy Co., Ltd.)*	▲ 15,000,000	100%				100%		100%	
黑龍江京慶風力發電有限公司 (Heilongjiang Jingqing Wind Power Generation Co., Ltd.)*	▲ 2,000,000	0%	0%			0%	0%	0%	0%
建平京能風力發電有限公司 (Jianping Jingen Wind Power Generation Co., Ltd.)*	▲ 26,10,000	100%	100%			100%	100%	100%	100%
天津京能新能源有限公司 (Tianjin Jingen New Energy Co., Ltd.)*	▲ 125,373,000	100%	100%			100%	100%	100%	100%
天津京河新能源有限公司 (Tianjin Jinghe New Energy Co., Ltd.)*	▲ 1,361,000	100%	100%			100%	100%	100%	100%

* 所有附屬公司均為全資附屬公司。

Note: 附屬公司之詳情請參閱本報告附錄五「附屬公司」之資料。附屬公司之詳情請參閱本報告附錄五「附屬公司」之資料。附屬公司之詳情請參閱本報告附錄五「附屬公司」之資料。附屬公司之詳情請參閱本報告附錄五「附屬公司」之資料。

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

52. **Financial instruments (continued)**

The following table shows the carrying amounts of the Group's financial instruments as at 31 December 2021 and 2020. The carrying amounts are not necessarily equal to the fair values.

	31 December 2021		31 December 2020		31 December 2021		31 December 2020	
	Carrying amount	Fair value	Carrying amount	Fair value	Carrying amount	Fair value	Carrying amount	Fair value
	2021	2020	2021	2020	2021	2020	2021	2020
	%	%	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
Financial assets	2	26	1,1	60,645	1,1	60,645	33,35	332,315

The following table shows the carrying amounts of the Group's financial liabilities as at 31 December 2021 and 2020. The carrying amounts are not necessarily equal to the fair values.

	2021 RMB'000	2020 RMB'000
Financial liabilities	25,99	42,62
Non-financial liabilities	923,15	1,027,47
Financial assets	22,931	263,01
Non-financial assets	21,	24,37
Equity	2,100,24	2,046,
Retained profits	235,294	233,250
Reserves	55,5	65,1
Other comprehensive income	3,152	44,6
Other (losses) comprehensive income	(14,05)	13,6
Other comprehensive income	(214,3)	(527,437)
Other (losses)	142,33	(64,565)

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

53.

	31	
	2021	2020
	RMB'000	RMB'000
<ul style="list-style-type: none"> - 应付账款 应付账款-合并范围内 应付账款-合并范围外 预收账款 预收账款-合并范围内 预收账款-合并范围外 合同负债 合同负债-合并范围内 合同负债-合并范围外 应付职工薪酬 应付职工薪酬-合并范围内 应付职工薪酬-合并范围外 应付股利 应付股利-合并范围内 应付股利-合并范围外 应交税费 应交税费-合并范围内 应交税费-合并范围外 	1,133,941 12,203 20,031,433 2,000,421 10,000 93,110 0,000 44,900 35,022 2,203 <hr/> 31,023,493	1,104,407 15,742 1,571 16,570 2,410,322 117,000 130,041 70,000 4,257,500 37,133 3,423 31 <hr/> 25,110,015
<ul style="list-style-type: none"> - 应付账款 应付账款 应付账款-合并范围内 应付账款-合并范围外 预收账款 预收账款-合并范围内 预收账款-合并范围外 合同负债 合同负债-合并范围内 合同负债-合并范围外 应付职工薪酬 应付职工薪酬-合并范围内 应付职工薪酬-合并范围外 应付股利 应付股利-合并范围内 应付股利-合并范围外 应交税费 应交税费-合并范围内 应交税费-合并范围外 	35,211 113,433 10,533,200 2,245 42,900 3,100 1,922,900 <hr/> 19,333,390	1,652 361,035 266,753 11,350 2,466 6,370,200 5,425 47,355 <hr/> 1,255,100

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

53.

(c n.in ed)

(c n.in ed)

	31	
	2021	2020
	RMB'000	RMB'000
<p> 25,412 3,233 95,40 2,5330 5,941 2,091,245 1,025,41 1,02 ,32 1,345,01 1,02,23 32,052,31 3,30,0 2,494,339 999,42 905 5,209 11,132 ,951,9 25,100,329 </p>	<p> 140,202 2,10 771,264 6,770,277 7,060,65 6,656 26,12 47 4,377 1,4 14,74,1 4,30,20 2,4,25 1,02,500 4,4,67 1,24 2,72 4,0 11,06 7,616,160 21,3,135 </p>	

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

53.

(c n.in ed)

(c n.in ed)

	31	
	2021	2020
	RMB'000	RMB'000
Investment in subsidiaries	,244,50	,244,50
Investment in associates	13, 2 , 5 ⁹	12,113,045
Investment in joint ventures	3,02 , ⁹ 2	1,525,5 2
Total	25,100,32⁹	21, 3,135

Notes to the Consolidated Financial Statements

FOR THE YEAR ENDED 31 DECEMBER 2021

53.

(continued)

	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000	RMB'000
At 1 January 2020	4,277,401	1,162,056		15,750	5,666,65	11,151,65
Identifiable intangible assets						
Goodwill				67	1,561,113	1,561,71
Identifiable intangible assets						
Goodwill				(4,666)		(4,666)
At 31 December 2020		152,240			(152,240)	
Identifiable intangible assets					(5,525,3)	(5,525,3)
Goodwill						
Identifiable intangible assets						
Goodwill				(24,42)	24,42	
At 31 December 2021	4,277,401	1,314,29	(,92)	(4,)	524,0	12,113,045
Identifiable intangible assets					2,2,31	2,2,31
Goodwill				4,		4,
At 31 December 2021		235,133			(235,133)	
Identifiable intangible assets					(5,223)	(5,223)
At 31 December 2021	4,277,401	1,549,429	(,92)		999,21	13,2,59

Definitions

▲	▲	
北京熱力集團	Beijing Heat Power Group Limited (北京熱力集團有限公司)	北京市熱力集團有限責任公司 (Beijing Heat Power Group Co., Ltd.)
北京能源集團	Beijing Energy Group Limited (北京能源集團有限公司)	北京能源集團有限責任公司 (Beijing Energy Group Co., Ltd.)
京能集團財務	Jingneng Group Finance	京能集團財務有限公司 (Jingneng Group Finance Co., Ltd.)
北京能源投資集團	Beijing Energy Investment Group Limited (北京能源投資集團有限公司)	北京能源投資集團(香港)有限公司 (Beijing Energy Investment Group (Hong Kong) Limited)
北京國有資本運營管理	Beijing State Capital Operations Management Limited (北京國有資本運營管理有限公司)	北京國有資本運營管理有限公司 (北京國有資本運營管理有限公司)
北京京能清潔能源電力	Beijing Jingneng Clean Energy Power Co., Ltd. (北京京能清潔能源電力股份有限公司)	北京京能清潔能源電力股份有限公司 (Beijing Jingneng Clean Energy Power Co., Ltd.)
北京京能清潔能源電力	Beijing Jingneng Clean Energy Power Co., Ltd. (北京京能清潔能源電力股份有限公司)	北京京能清潔能源電力股份有限公司 (Beijing Jingneng Clean Energy Power Co., Ltd.)
北京國有資本運營管理	Beijing State Capital Operations Management Limited (北京國有資本運營管理有限公司)	北京國有資本運營管理有限公司 (北京國有資本運營管理有限公司)
北京京能清潔能源電力	Beijing Jingneng Clean Energy Power Co., Ltd. (北京京能清潔能源電力股份有限公司)	北京京能清潔能源電力股份有限公司 (Beijing Jingneng Clean Energy Power Co., Ltd.)
北京京能清潔能源電力	Beijing Jingneng Clean Energy Power Co., Ltd. (北京京能清潔能源電力股份有限公司)	北京京能清潔能源電力股份有限公司 (Beijing Jingneng Clean Energy Power Co., Ltd.)
北京京能清潔能源電力	Beijing Jingneng Clean Energy Power Co., Ltd. (北京京能清潔能源電力股份有限公司)	北京京能清潔能源電力股份有限公司 (Beijing Jingneng Clean Energy Power Co., Ltd.)
北京京能清潔能源電力	Beijing Jingneng Clean Energy Power Co., Ltd. (北京京能清潔能源電力股份有限公司)	北京京能清潔能源電力股份有限公司 (Beijing Jingneng Clean Energy Power Co., Ltd.)
北京京能清潔能源電力	Beijing Jingneng Clean Energy Power Co., Ltd. (北京京能清潔能源電力股份有限公司)	北京京能清潔能源電力股份有限公司 (Beijing Jingneng Clean Energy Power Co., Ltd.)

本集團	the Edgent Group, including the Edgent Group and its subsidiaries, and the Edgent Group (A), not including the Edgent Group (A) and its subsidiaries, the Edgent Group (A)
本集團附屬公司	21st April 2022, and the Edgent Group (A), not including the Edgent Group (A) and its subsidiaries, the Edgent Group (A)
本公司	the Edgent Group (A), not including the Edgent Group (A) and its subsidiaries, the Edgent Group (A)
中國人民銀行	中國人民銀行 (People's Bank of China)
本集團附屬公司	the Edgent Group (A), not including the Edgent Group (A) and its subsidiaries, the Edgent Group (A)
本集團	the Edgent Group (A), not including the Edgent Group (A) and its subsidiaries, the Edgent Group (A)
AA	國務院國有資產監督管理委員會 (the State-owned Assets Supervision and Administration Commission of the State Council)
中國教育出版集團	the China Education Publishing Group (the CEPG) (the CEPG, the CEPG Group, or the CEPG), not including the CEPG (A), not including the CEPG (A) and its subsidiaries, the CEPG (A)
中國教育出版集團附屬公司	the China Education Publishing Group (the CEPG) (the CEPG, the CEPG Group, or the CEPG), not including the CEPG (A), not including the CEPG (A) and its subsidiaries, the CEPG (A)
中國教育出版集團	the China Education Publishing Group (the CEPG) (the CEPG, the CEPG Group, or the CEPG), not including the CEPG (A), not including the CEPG (A) and its subsidiaries, the CEPG (A)
中國教育出版集團附屬公司	the China Education Publishing Group (the CEPG) (the CEPG, the CEPG Group, or the CEPG), not including the CEPG (A), not including the CEPG (A) and its subsidiaries, the CEPG (A)
中國教育出版集團	the China Education Publishing Group (the CEPG) (the CEPG, the CEPG Group, or the CEPG), not including the CEPG (A), not including the CEPG (A) and its subsidiaries, the CEPG (A)
中國教育出版集團附屬公司	the China Education Publishing Group (the CEPG) (the CEPG, the CEPG Group, or the CEPG), not including the CEPG (A), not including the CEPG (A) and its subsidiaries, the CEPG (A)
中國教育出版集團	the China Education Publishing Group (the CEPG) (the CEPG, the CEPG Group, or the CEPG), not including the CEPG (A), not including the CEPG (A) and its subsidiaries, the CEPG (A)
中國教育出版集團附屬公司	the China Education Publishing Group (the CEPG) (the CEPG, the CEPG Group, or the CEPG), not including the CEPG (A), not including the CEPG (A) and its subsidiaries, the CEPG (A)

Corporate Information

北京京能清洁能源股份有限公司 (Beijing Jingneng Clean Energy Co., Limited)

董事會

董事長

▲ 劉 勇 (Chairman)

總經理

▲ 王 宇 (General Manager)

副總經理

▲ 姚 宇 坤

監事

▲ 王 建 國

監事會

董事長

▲ 王 宇

監事

▲ 王 建 國

▲ 王 建 國

北京京能清洁能源發展有限公司

董事長

▲ 王 宇

總經理

▲ 姚 宇 坤

副總經理

▲ 王 宇

監事

▲ 王 宇

北京京能熱力有限公司

董事長

▲ 劉 勇 (Chairman)

總經理

▲ 王 宇

副總經理

▲ 姚 宇 坤

監事

▲ 王 建 國

▲ 王 建 國

北京京能熱力發展有限公司

董事長

▲ 王 宇 (Chairman)

總經理

▲ 王 宇

監事

▲ 王 宇

北京京能燃氣有限公司

董事長

▲ 姚 宇 坤 (Chairman)

總經理

▲ 王 宇

監事

▲ 王 宇

北京京能燃氣發展有限公司

董事長

▲ 劉 勇 (Chairman)

總經理

▲ 王 宇

副總經理

▲ 姚 宇 坤

北京京能

董事長

▲ 王 建 國

總經理

▲ 王 宇

副總經理

▲ 王 宇

監事

▲ 王 宇

▲ 王 宇

Արժույթի փոփոխություններ

Արժույթի փոփոխություններ
7/7 - 2021 թ. 1.61% փոփոխություն,
Հասանելի է հետևյալ կայքում, [www.amn.am](#)

Գնումներ

Արժույթի փոփոխություններ
7/7 - 2021 թ. 1.61% փոփոխություն,
Հասանելի է հետևյալ կայքում, [www.amn.am](#)

11,1 և 1,1 ստորագրություններ,
Հասանելի է հետևյալ կայքում, [www.amn.am](#),
Y հոդվածներում, [www.amn.am](#)

Վճարված սուբսիդիաներ

7/7 - 2021 թ. 1.61% փոփոխություն,
Հասանելի է հետևյալ կայքում, [www.amn.am](#)

Վճարված սուբսիդիաներ

100,54, 2021 թ. 1.61% փոփոխություն,
13 ստորագրություններ

Վճարումներ

Հոդվածներում նշվածները,
(Ընդհանուր) - 2, 2021 թ. 1.61% փոփոխություն,
1.46, 2021 թ. 1.61% փոփոխություն,
Հասանելի է հետևյալ կայքում, [www.amn.am](#)

Հոդվածներում նշվածները,
(Ընդհանուր) - 1, 2021 թ. 1.61% փոփոխություն,
Հասանելի է հետևյալ կայքում, [www.amn.am](#)

Արժույթի փոփոխություններ
(Ընդհանուր) - 1, 2021 թ. 1.61% փոփոխություն,
Հասանելի է հետևյալ կայքում, [www.amn.am](#)

Հոսքերի փոփոխություններ, 2021 թ. 1.61% փոփոխություն,
(Ընդհանուր) - 55, 2021 թ. 1.61% փոփոխություն,
Հասանելի է հետևյալ կայքում, [www.amn.am](#)

Corporate Information

Registered Office:

Beijing Jingneng Clean Energy Co., Ltd.
Beijing Jingneng Clean Energy Co., Ltd. Audit
Office
Beijing Jingneng Clean Energy Co., Ltd.
35/F, China Resources Building,
Jingneng Road, Beijing

Registered Office:

Beijing Jingneng Clean Energy Co., Ltd.
Audit Office (Beijing Jingneng Clean Energy Co., Ltd.)
Room 12A,
Beijing Jingneng Clean Energy Co., Ltd.,
17/F, China Resources Building,
Jingneng Road, Beijing

Registered Office:

Beijing Jingneng Clean Energy Co., Ltd.
Room 102-0, 17/F, China Resources Building,
Jingneng Road, 15/F, China Resources Building,
Beijing

Registered Office:

Beijing Jingneng Clean Energy Co., Ltd.
& Beijing Jingneng Clean Energy Co., Ltd.
17/F, China Resources Building, Beijing
17/F, China Resources Building,
Jingneng Road, Beijing

Registered Office:

Beijing Jingneng Clean Energy Co., Ltd.
Room 1712-1716, 17/F, China Resources Building,
Jingneng Road, 13/F, China Resources Building,
Beijing

Registered Office:

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Registered Office:

Beijing Jingneng Clean Energy Co., Ltd.

Registered Office:

Beijing Jingneng Clean Energy Co., Ltd.