

Issue Rating Notice:

Beijing State-Owned Capital Operation and Management Center 2021 Medium-Term Note Series 1 Rated "AAA_{spc}"

March 5, 2021

Bond Name:	Beijing State-Owned Capital Operation and Management Center 2021 Medium- Term Note Series 1
Issuer Credit Rating:	AAA _{spc} /Stable
Issue Credit Rating:	AAA_{spc}

S&P Global (China) Ratings has assigned its 'AAA_{spc}' rating to the 2021 Medium-Term Note Series 1 issued by Beijing State-Owned Capital Operation and Management Center ("BSCOMC"; AAA_{spc}/Stable).

The proposed 3 billion RMB notes have a term of 5 years. BSCOMC plans to use the proceeds from the proposed unsecured notes to fund its working capital requirements, with interest payments made on an annual basis and principal repaid at maturity. BSCOMC's outstanding debt obligations at the parent-level are all unsecured, and the medium-term notes to be issued would rank equal to other outstanding unsecured debt of the parent company in terms of priority. For this reason, we have equalized the rating on these medium-term notes with our issuer credit rating on BSCOMC.

Related Issuer Credit Rating Report

Credit Rating Report: Beijing State-Owned Capital Operation and Management Center, March 1,

Related Methodology

S&P Global (China) Ratings-Corporate Methodology, July 28, 2020

S&P Global (China) Ratings General Considerations on Rating Modifiers and Relative Ranking, May 21, 2019

Related Research

Commentary: Understanding S&P Global (China) Ratings Corporate Methodology, July 28, 2020

Commentary: Understanding S&P Global (China) Ratings General Considerations On Rating Modifiers and Relative Ranking Methodology, June 29, 2020

Commentary: Analyzing Investment Holding Companies' Credit Quality With S&P Global (China) Ratings' Corporate Methodology, March 1, 2021

Model Applied

None.

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Declaration

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Surveillance Plan

Beijing State-Owned Capital Operation and Management Center 2021 Medium-Term Note Series 1 Surveillance Plan

All ratings referred to in this report are valid and effective from the date of publication up to the date of maturity of related securities. S&P Ratings (China) Co., Ltd. shall monitor the credit quality of the rated issuer and issue on a periodic and an ongoing basis. If any material credit events are likely to change the credit quality of the issuer and issue, we will conduct ad-hoc surveillance, and determine whether the outstanding ratings need to be adjusted.

Tear Sheet

Company Name	Rating Type	Current Rating	Rating Date	Outlook/CreditWatch
Beijing State-Owned Capital Operation and Management Center	Issuer Credit Rating	AAA_{spc}	March 1, 2021	Stable

Industry Classification: Investment Holding Company

Company Profile: Beijing State-Owned Capital Operation and Management Center ("BSCOMC" or "center") was established in 2008 and is wholly owned by the State-owned Assets Supervision and Administration Commission of People's Government of Beijing Municipality ("Beijing SASAC"). BSCOMC's executive management committee ("Management Committee") is made up of high-level officials from Beijing SASAC. BSCOMC plays a strategic role on behalf of the Beijing municipal government, in which it aims to promote the orderly allocation of state-owned capital and achieve capital appreciation of state-owned assets. BSCOMC has equity stakes in high-quality, competitive Beijing state-owned enterprises ("SOEs"). By the end of September 2020, BSCOMC had assets under management of more than RMB 3 trillion, accounting for more than half of the assets under Beijing SASAC.

BSCOMC's Investment Portfolio (End of 2020, Estimated)



Note: "Others" mainly includes equity value of other companies and government-guided funds. Source: Company data, S&P Global (China) Ratings.

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Economy and Industry Trends: S&P Global (China) Ratings expects China to maintain above-average economic growth relative to other middle-income economies in the next few years. In our view, Beijing, as the capital city, has strong economic and fiscal positions with a low debt level and strong potential support capacity.

Credit Highlights: We view BSCOMC as critical to Beijing municipal government. BSCOMC has extremely close ties to the Beijing municipal government in terms of its equity structure and decision-making process. As an important state-owned capital operation platform in Beijing, BSCOMC is expected to continue playing a very important role in areas such as integrating state-owned capital and promoting SOE reform. We expect the indicative support capability of Beijing municipal government to remain extremely strong, BSCOMC's investment portfolio is expected to remain stable and asset credit quality is set to remain at a good level with investments spread across a wide range of industries. BSCOMC, in our view, will maintain its prudent financial policy while maintaining a low loan-to-value (LTV) ratio. With its strong credit quality, we expect BSCOMC to be highly regarded in the banking and bond markets, with strong support from bank or bond investors.



Note: The red bar represents the median indicative credit quality of top 1700 entities, and the yellow bar represents the position of BSCOMC.

Source: "Turning a Corner: China Corporate Outlook 2021". January 11, 2021. Copyright © 2021 by S&P Ratings (China) Co., Ltd. All rights reserved.

Key Metrics:

	2019A	2020E	2021F			
Loan-to-value (%)	10.7	11.0-15.0	11.0-15.0			
Cash flow adequacy (x)	1.7	1.0-2.0	1.0-2.0			
Note: Data adjusted by S&P Global (China) Ratings. A- actual, E-estimated F-forecast						

Rating Snapshot:		
Issuer Credit Rating:	AAA _{spc} / Stable	
Business Risk Profile:	2/Strong	
Industry Risk:	3 / Intermediate	
Investment Position:	2 / Strong	
Financial Risk Profile:	2 / Modest	
Anchor:	aa-	
Adjustments		
Liquidity:	Adequate (no impact)	
Management & Governa	nce:Neutral (no impact)	
Holistic adjustment:	Neutral (no impact)	
Stand-alone Credit Profile:	aa _{spc} -	

External influence: Business Risk Profile:

We view BSCOMC's business risk profile as strong. BSCOMC has a substantial investment portfolio with good asset credit quality and good diversification across various industries and regions. We also hold a positive view on BSCOMC's strict approach to investment, as well as its robust risk management framework. However, most of BSCOMC's investee companies are currently unlisted, and asset liquidity is average.

Financial Risk Profile:

We view BSCOMC's financial risk profile as modest. BSCOMC has a low LTV ratio, strong cash flow adequacy ratio and a good capital structure. Thanks to its good standing in the capital market, we expect BSCOMC to maintain good access to refinancing, due to strong support from banks and bond markets, as reflected in its low interest cost.

Stand-alone Credit Profile:

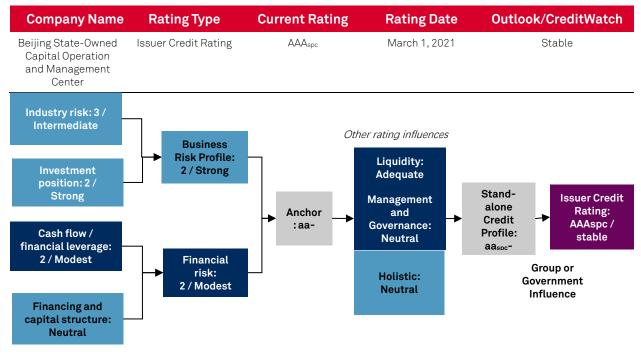
Based on our ratings methodology, we view the SACP of aa_{spc}- as reflective of BSCOMC's strong business risk profile and modest financial risk. Among entities we have researched nationwide, BSCOMC is in the top tier in terms of its SACP.

External Influence:

We view the indicative support capacity of Beijing municipal government as extremely strong, and regard BSCOMC as critical to its government. BSCOMC has very close ties with Beijing municipal government in terms of its equity structure and decision-making process, and we believe it plays a very important role on the government's behalf. Wholly owned by Beijing SASAC, its Management Committee is made up of high-level officials from Beijing SASAC. Major investment decisions require the Beijing municipal government's approval. BSCOMC is an important state-owned capital operation platform in Beijing, and it manages more than 50% of assets under Beijing SASAC, holding equity stakes in high-quality, competitive Beijing SOEs. Since its establishment, BSCOMC has received ongoing support from Beijing municipal government via equity transfers, capital injections and other aspects. We do not anticipate any changes to the strategic role BSCOMC plays on behalf of the Beijing municipal government, in which it aims to promote the orderly allocation of state-owned capital and achieve capital appreciation of state-owned assets.

Peer comparison: (as of 30September 2020)					
	BSCOMC	Hengjian	SIHC	Guohui	GIXG
Portfolio Value (RMB 100 million)	4,500-5,000	1,500-2,000	2,000-2,500	500-1,000	500-1,000
Weight of listed assets (%)	20-30	5-10	60-70	0-5	20-30
Three largest assets (% of portfolio)	45-55	65-75	45-55	35-45	25-35
Loan-to-value ratio (%)	9-15	15-30	10-20	15-30	>80
Note: Above data adjusted by S&P Global (Chin	a) Ratings; Source: Company an	inual report, adjusted by S&P (Global (China) Ratings.		

Rating Summary



Credit Highlights

Strengths	Weaknesses
As an important state-owned capital operation platform in Beijing, BSCOMC is critical to the Beijing municipal government.	Listed companies represent a relatively low proportion of BSCOMC's investment portfolio, resulting in average liquidity.
BSCOMC has low LTV ratio, strong cash flow adequacy ratio and good access to refinancing.	
Its investment portfolio has good asset credit quality and diversifies across various industries and regions.	

Outlook

The stable outlook on BSCOMC reflects our view that BSCOMC is critical to the Beijing municipal government, and that the indicative support capacity of Beijing municipal government remains extremely strong. As Beijing's primary state-owned capital operation platform, we do not expect the strategic role BSCOMC plays on behalf of Beijing municipal government to change, wherein it promotes the orderly allocation of state-owned capital and achieves capital appreciation of state-owned assets. The scale of BSCOMC's investment portfolio is expected to remain stable and asset credit quality is set to maintain a good level, with BSCOMC's investments widely distributed across various industries. We expect BSCOMC to continue adhering to its prudent financial policy while maintaining a low LTV ratio.

Downside scenario:

In our opinion, the likelihood of BSCOMC's issuer credit rating being downgraded is very low. However, we might consider lowering the rating of BSCOMC in the following circumstances:

1) BSCOMC's role and status change significantly, weakening its importance to the Beijing municipal government. This scenario could occur if i) the ownership structure changes, and Beijing SASAC no longer has direct control over BSCOMC; ii) the management and decision-making process changes significantly, weakening the control of Beijing government over the appointment of BSCOMC's Management Committee and limiting their control over its

investment decisions; iii) a significant proportion of BSCOMC's assets are transferred out of its portfolio, significantly impacting its role in managing state-owned assets.

2) Beijing's indicative support capacity weakens significantly.

Upside scenario: not applicable

Assumptions and Forecasts

Assumptions

- China maintains above-average economic growth relative to other middleincome economies. Any COVID-related impact on the country's economic development in 2021 remains under control.
- Over the next 1-2 years, BSCOMC invests around RMB 20 billion of its own funds per year.
- Over the next 1-2 years, BSCOMC's annual cash inflow from asset divestments, dividends and government capital injection is around RMB 11 billion to RMB 13 billion per year.
- BSCOMC's adjusted debt level rises slightly.
- BSCOMC receives around RMB 3 billion to RMB 4 billion in adjusted dividend and interest income per year and pays around RMB 2.5 billion to RMB 3.5 billion in interest and operating expenses.

Forecasts

BSCOMC – Key Metrics			
	2019A	2020E	2021F
Loan-to-value ratio (%)	10.7	11.0-15.0	11.0-15.0
Cash flow adequacy (x)	1.7	1.0-2.0	1.0-2.0

Note: A—actual. E—Estimated. F—Forecast.

Adjusted Financials and Ratios

Adjusted Key Financial Data (RMB, millions)						
	2017A	2018A	2019A	2020. 1-9A		
Long-term equity investments	277,229	274,006	270,198	272,199		
Available-for-sale financial assets	65,916	75,565	84,328	83,077		
Held-to-maturity investments	2,081	1,000	1,000	3,000		
Other financial assets	8,148	11,489	4,888	1,264		
Portfolio value - book value	353,374	362,059	360,414	359,540		
Portfolio value - market value	377,818	373,271	426,412	467,513		
Adjusted debt	50,694	50,570	45,434	44,324		
Adjusted dividend income	2,521	1,943	4,162	1,828		
Revenue	283	319	392	263		
Interest income	9	287	499	385		
Operating expenses	157	169	179	144		

Taxes	65	59	195	176
Interest expense	2,556	2,688	2,601	1,722

Note: 1. Adjusted financial data is based on the report of the parent company; 2. For 2020 Q1-Q3, certain data were unavailable, and marked with " -- "; 3. A represents Actual.

Related Methodologies and Research

Related methodologies:

- S&P Global (China) Ratings-Corporate Methodology, July 28, 2020
- S&P Global (China) Ratings General Considerations on Rating Modifiers and Relative Ranking, May 21, 2019

Related research:

- Commentary: Understanding S&P Global (China) Ratings Corporate Methodology, July 28, 2020
- Commentary: Understanding S&P Global (China) Ratings General Considerations On Rating Modifiers and Relative Ranking Methodology, June 29, 2020
- Commentary: Analyzing Investment Holding Companies' Credit Quality With S&P Global (China) Ratings' Corporate Methodology, March 1, 2021

Economic and Industry Trends

S&P Global (China) Ratings expects China to maintain above-average economic growth relative to other middle-income economies in the next few years. However, growth is likely to come under pressure from U.S.-China tensions and ongoing efforts to restructure the economy and reduce financial risks. We believe the government will maintain its restrained fiscal and macroprudential policy stance as it looks to support sustainable economic development in 2021. In addition, benefiting from China's strict and rapid pandemic response measures, we expect any COVID-related impact on the country's economic development in 2021 to remain under control.

As China's capital, we view that Beijing has a strong economy, a sound fiscal position, a low debt level, leading to extremely strong indicative support capacity. Beijing's GDP is among the highest in China. In 2019 total GDP reached RMB 3.53 trillion, ranking second among the country's cities. That same year, per capita GDP was RMB 164,000, ranking first among provincial-level regions. 2020 saw Beijing's economy quickly move on from the impact of COVID, as production and demand recovered steadily. Annual GDP reached RMB 3.6 trillion, increasing 1.2% year-over-year.

In terms of fiscal revenue, Beijing is highly self-sufficient with stable fiscal revenue sources. In our view, Beijing's response to the pandemic showed the city's good fiscal flexibility. While fiscal revenue growth continues to decline, the pace of expenditure and the city's general public budget balance ratio have been kept to within a certain level.

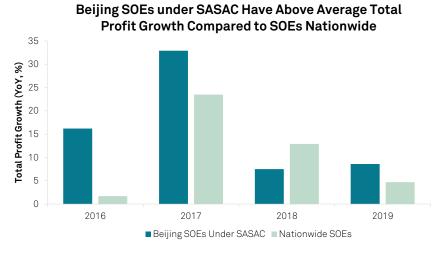
With COVID largely under control in 2021, we expect Beijing's overall fiscal position to remain stable and trend positive. The issuance of local government bonds, driven in particular by issuance of special bonds, is expected to see the Beijing municipal government's debt ratio increase. That being said, debt remains at a good level on national terms.

In our view, Beijing's SOEs under SASAC have relatively strong scale advantages and profitability, with any COVID-related impact on their operations controllable. By the end of 2019, total SOE assets under SASAC in Beijing reached RMB 5.63 trillion, with annual operating revenue of RMB 1.66 trillion and total profits of RMB 104.16 billion. In a pool of regional-level SOEs across 36 provinces, Beijing's regional SOEs under SASAC contribute 6% of revenue and 8% of total profits. As shown in the chart below, Beijing SOEs under SASAC have enjoyed higher growth rate in total profits in recent years than the average level of SOEs nationwide.

We view that Beijing has a strong economy, a sound fiscal position, a low debt level and extremely strong indicative support capacity.

In our view, Beijing's SOEs under SASAC overall have strong scale advantages and profitability.

Chart 1



Source: Central SASAC, Beijing SASAC, S&P Global (China) Ratings. Copyright © 2021 by S&P Ratings (China) Co., Ltd. All rights reserved.

The COVID-19 outbreak saw income and profit growth slow down for Beijing SOEs. With the pandemic largely under control in China, we expect SOE business activity to gradually resume, with annual income and profits set to remain stable. From January to September 2020, Beijing's SOEs under SASAC achieved total revenue of RMB 1.16 trillion, close to that of the same period of the previous year. The RMB 59.54 billion in total profits over that period were around 80% of the level reached in January to September 2019, with month-on-month profit growth for two consecutive months in August and September.

We expect state-owned capital operation and investment platforms to continue playing important roles in the allocation of SOE resources and deepening SOE reform. As platforms for market-oriented management of state-owned capital, these companies are mandated with improving the allocation of state-owned capital and efficiently managing operations of state-owned assets while generating capital appreciation.

The three-year action plan for SOE reform launched in 2020 includes calls for the optimization of the structure and layout of SOEs, with further emphasis on mixed-ownership reforms and accelerated formation of a state-owned assets supervision system focusing on capital management.

We expect state-owned capital operation and investment platforms to continue implementing these key tasks on behalf of local governments and SASACs. Such platforms are positioned to support and manage market-oriented operations of state-owned capital. The business of such platforms covers a wide scope, and includes preparing high-quality local SOEs to be listed, encouraging private capital investments to promote mixed-ownership reforms, conducting mergers and reorganizations of SOEs and carrying out equity investments in strategic industries.

As the business of such platforms continues to develop, we expect debt financing to increase among such companies along with an uptick in bond financing.

We expect stateowned capital investment and operation companies to continue playing an important role in the reorganization of SOE resources and promoting SOE reform.

Chart 2



Anchor

Company Description

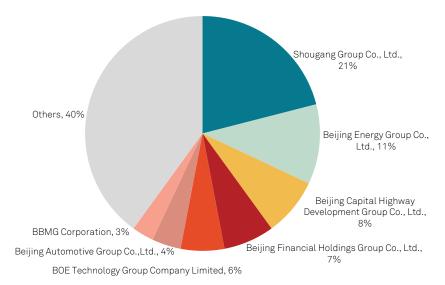
Beijing State-Owned Capital Operation and Management Center ("BSCOMC" or "center") was established in 2008. It is wholly owned by State-owned Assets Supervision and Administration Commission of People's Government of Beijing Municipality ("Beijing SASAC"), and its executive management committee ("Management Committee") is made up of high-level officials from Beijing SASAC. BSCOMC is primarily engaged in the investment and operation of state-owned assets. The center plays a strategic role for the Beijing municipal government by promoting the orderly allocation of state-owned capital while achieving capital appreciation of state-owned assets.

BSCOMC holds equity stakes in high-quality, competitive Beijing SOEs, and is an important state-owned capital operation platform under Beijing SASAC. By the end of September 2020, it had assets under management of over RMB 3 trillion, accounting for more than half of the assets under Beijing SASAC. For 2019, BSCOMC consolidated total revenue and profits accounted for more than 60% of that of all companies under the direct management of Beijing municipal government. BSCOMC carries out its capital operations mainly through equity investments and fund investments. See Appendix 1 for details of the assets managed by BSCOMC.

In 2019, BSCOMC's revenue (not from investments) was mainly from property leasing, accounting for about 89% of total revenue. Around 9% came from consulting and management fees.

Chart 3





Note: "Others" mainly includes equity value of other companies and government-guided funds. Source: Company data, S&P Global (China) Ratings. Copyright © 2021 by S&P Ratings (China) Co., Ltd. All rights reserved.

Business Risk Profile

We view BSCOMC's business risk profile as strong. BSCOMC has a substantial investment portfolio with good asset credit quality and good diversification across various industries and regions. We also hold a positive view on BSCOMC's strict approach to investment, as well as its robust risk management framework. However, most of BSCOMC's investee companies are currently unlisted, and asset liquidity is relatively average.

In our opinion, BSCOMC's investment portfolio has good indicative asset credit quality. The center has equity stakes in several high-quality SOEs in Beijing which are competitive players in their respective industries. We believe that the indicative credit quality of the main investee companies in the portfolio is relatively good and overall better than the national average.

For example, one of the investee companies, Beijing Capital Road Development Group Co., Ltd., is among the top highway companies in the country in terms of traffic volume and toll revenue and plays an important role in local economic development and facilitating transportation. We view its indicative credit quality as extremely strong.

Shougang Group Co., Ltd. is, in our view, among the top crude steel producers in China, and its indicative credit quality is very strong. In our opinion, the higher the indicative asset credit quality of the investment portfolio, the more secure the investment. This has a positive impact on BSCOMC's business risk profile.

In our view, the main assets of BSCOMC's investment portfolio have stronger credit quality than the national average.

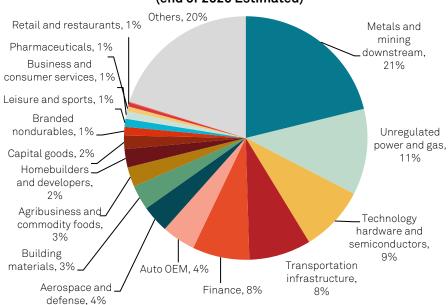
BSCOMC's portfolio is, in our view, well diversified. Its investee companies are spread across a wide range of industries and geographic regions. The portfolio covers more than 10 industries dispersed across upstream and downstream sectors.

Major industries in the portfolio include: metals and mining downstream, unregulated power and gas, transportation infrastructure, Auto OEM, building materials, agribusiness and commodity foods, real estate developer, technology hardware and semiconductors, etc. A considerable portion of companies in the investment portfolio transitioned from regional Beijing-based SOEs to large-scale players with operations across the country, developing good reputations nationwide.

For example, Shougang Group and BBMG Corporation are top players in crude steel production and cement production respectively, with product sales covering multiple regional markets. BAIC Group is one of China's biggest selling automakers, and its Beijing Benz joint venture is among the top three brands in the country's luxury auto sector. BOE Technology Group is one of the world's leading LCD and AMOLED panel manufacturers, with production bases all over the country. It has become an important force in promoting the development of the domestic screen and panel industry.

Chart 4

Industry Distribution of BSCOMC's investment portfolio (end of 2020 Estimated)



Source: Company data, S&P Global (China) Ratings. Copyright © 2021 by S&P Ratings (China) Co., Ltd. All rights reserved. In our opinion, BSCOMC's portfolio has good diversification across a wide range of industries and regions. In our opinion, BSCOMC's market-oriented approach to its equity and industrial fund investments underlines its good strategic investment ability. BSCOMC has a strict, disciplined approach to investment and risk prevention and control. Major investments require final approval from the Beijing municipal government. Investments are made with the aim of supporting areas such as industrial integration, SOE reform and development of key industries.

BSCOMC has strict selection criteria for industrial fund managers. Its current funds are managed in cooperation with professional private equity fund managers, including Carlyle, JPMorgan Chase, Goldman Sachs, CITIC Group, IDG Capital, etc. In our view, BSCOMC's strict criteria for fund manager selection have put in place the foundations for BSCOMC to obtain investment returns and effectively manage risk. BSCOMC's equity and fund investments still account for a relatively small proportion of its investment portfolio, the value of which is dominated by Beijing SOEs.

In our view, with the majority of its investment portfolio made up of unlisted companies, BSCOMC's asset liquidity is average. State-owned capital operation platforms are, in our opinion, tasked with achieving capital appreciation of state-owned assets and optimizing the structure of state-owned capital. To some degree, their equity positions reflect the will of the local government rather than a market-oriented choice made by the platform. Most of these platforms have investment portfolios dominated by unlisted companies. For this reason, we believe BSCOMC's asset structure is basically in line with other players in this sector.

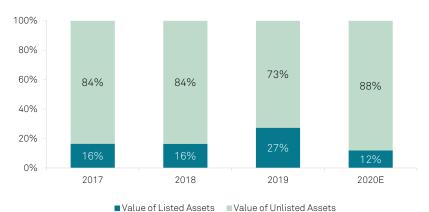
After the 2020 equity transfer of CSC Financial Co., Ltd. (CSC Financial) to its wholly owned subsidiary Beijing Financial Holding Group Co., Ltd., the proportion of listed assets in BSCOMC's portfolio fell below 15%. BSCOMC's top three assets - Shougang Group, Beijing Energy Group and Beijing Capital Highway Development Group account for more than 40% of the portfolio value, representing relatively high asset concentration.

In our opinion, BSCOMC's asset liquidity and asset concentration are similar to other comparable state-owned platforms under regional SASACs. In future, we expect BSCOMC to continue its long-term goal of assisting in the securitization of its investee companies, while continuing to support further listings of its investee companies to gradually improve asset liquidity.

BSCOMC has a strict, disciplined approach to investment and risk control, in terms of its market-oriented equity and fund investments.

Chart 5





Note:E-Estimated.

Source: Company data, S&P Global (China) Ratings.

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Financial Risk Profile

We view BSCOMC's financial risk as modest, reflecting its low LTV ratio, relatively strong cash flow adequacy ratio and good capital structure. We expect BSCOMC's to maintain good access to refinancing in the future.

Unlike corporates, investment holding companies (IHCs) themselves generally do not carry out production and operation activities. IHCs are largely reliant on dividends received from their investee companies to service their own interest obligations. Investee companies' debts need to be covered by their own respective operating cash flow, and not from the IHC. Therefore, when analyzing the financial risks of an IHC, we focus on the parent company and related financing vehicles. Gross debt generally includes all parent company and related financing vehicles' debt. Portfolio value includes the value of all investee companies from the parent company and related financing vehicles.

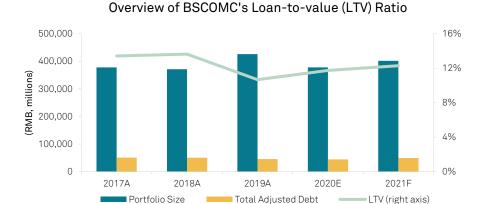
In our view, BSCOMC's large investment portfolio and relatively light parent-level debt can help it maintain its LTV ratio at a relatively low level. In the next year, we expect BSCOMC's investment scale to be around RMB 20 billion, with the focus largely on equity and industrial fund investments in line with government policy, SOE reforms and the development of key industries. We expect some of BSCOMC's investments to be debt-funded, while its abundant cash reserves can also cover other investment demand. Overall debt is expected to rise slightly.

The transfer of CSC Financial has had some impact on the value of BSCOMC's portfolio, but we believe its impact on the LTV ratio has been minimal due to the huge size of the portfolio. In our view, BSCOMC will maintain its prudent financial policy and keep its LTV ratio at a low level in the coming year.

As BSCOMC continues with its planned equity and fund investments, we expect the size of its portfolio to increase steadily, with no significant asset transfers in or out expected in the next 1-2 years. We expect BSCOMC's LTV ratio to rise slightly to within 11.0% - 15.0%, up from 10.7% at the end of 2019.

We expect that new foreign investment will lead to a small increase in net debt. BSCOMC will maintain a prudent financial policy and keep LTV ratio low.

Chart 6



Note: A—actual. E—Estimated. F—Forecast.
Source: Company data, S&P Global (China) Ratings.
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In our opinion, BSCOMC's adjusted cash dividends and interest income can cover its interest and daily operating expenses, with cash flow adequacy ratio at a sufficient level. In the next 1-2 years, we expect BSCOMC to receive about RMB 3 billion to RMB 4 billion in adjusted dividends and interest income, with interest and operating expenses of around RMB 2.5 billion to RMB 3.5 billion.

We hold a positive view of BSCOMC's funding and capital structure as well as its debt maturity profile and diverse access to refinancing. The tenor of BSCOMC's debt maturity profile is in line with the nature of its investments. Most of its debt is long term with a weighted average tenor of more than 3 years. With a good reputation in the financial market, we expect BSCOMC to maintain good access to refinancing due to strong support from banking and bond markets.

Table 1

BSCOMC - Key Metrics			
	2019A	2020E	2021F
Loan-to-value ratio (%)	10.7	11.0-15.0	11.0-15.0
Cash flow adequacy (x)	1.7	1.0-2.0	1.0-2.0

 $Note: A--actual. \ E--Estimated. \ F--Forecast.$

Table 2

Adjusted Key Financial Data (RMB, millions)						
	2017A	2018A	2019A	2020. 1-9A		
Long-term equity investments	277,229	274,006	270,198	272,199		
Available-for-sale financial assets	65,916	75,565	84,328	83,077		
Held-to-maturity investments	2,081	1,000	1,000	3,000		
Other financial assets	8,148	11,489	4,888	1,264		
Portfolio value - book value	353,374	362,059	360,414	359,540		

Portfolio value - market value	377,818	373,271	426,412	467,513
Adjusted debt	50,694	50,570	45,434	44,324
Adjusted dividend income	2,521	1,943	4,162	1,828
Revenue	283	319	392	263
Interest income	9	287	499	385
Operating expenses	157	169	179	144
Taxes	65	59	195	176
Interest expense	2,556	2,688	2,601	1,722

Note: 1. The adjusted financial data is based on the statement of the parent company; 2. For 2020 Q1-Q3, certain data were unavailable, and marked with " -- "; 3. A represents Actual.

Peer Comparison

We have selected Guangdong Hengjian Investment Holding Co., Ltd. ("Hengjian"), Shenzhen Investment Holding Co., Ltd. ("SIHC"), Shandong Guohui Investment Co., Ltd. ("Guohui") and Guangxi Investment Group Co., Ltd. ("GXIG") as BSCOMC's closest peers. They are comparable to BSCOMC in terms of business and finance, and all perform relatively similar functions and are wholly owned by provincial or city level SASACs.

BSCOMC's overall asset credit quality is comparable to that of Hengjian and SIHC, all of which are at a stronger level in the industry. These companies invest in high quality SOEs in their respective regions, with good business risk profiles and strong competitiveness. Beijing, Guangdong and Shenzhen have strong economic and fiscal positions, underpinning their strong indicative support capacity to their regional SOEs.

Investment portfolios with stronger credit quality can, in our view, maintain their value and have a positive impact on the company's business and financial risk profiles. At the same time, portfolios with regional high-quality investee companies reflect, to some extent, the importance of that company to its local government.

Compared to its peers, we view BSCOMC's investment portfolio has a higher value and greater diversification. In our view, the wider the industry and geographic distribution, the greater the company's ability to mitigate risk. As of September 30, 2020, BSCOMC's portfolio had an asset value in excess of RMB 450 billion, putting it ahead of its peers. While BSCOMC and its peers all have investee companies in at least 3 industries, they vary to some degree in terms of geographic distribution. BSCOMC, Hengjian and SIHC all have portfolios with strong investee companies operating in a wide range of regions. With greater distribution nationwide, risks can be better dispersed, improving business stability.

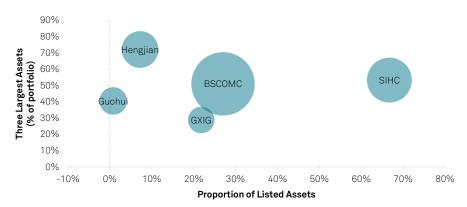
In our opinion, BSCOMC and its peers are largely similar in terms of asset concentration and asset liquidity. Most state-owned capital operation platforms generally do not make market-oriented investment decisions. Asset concentration and liquidity are typically related to the direction and guidance of local governments, and the way in which state-owned assets are managed in that region. In our opinion, most of the peers have relatively high asset concentration and weaker asset liquidity. SIHC however has relatively strong asset liquidity. Listed companies make up more

than 60% of the asset value of SIHC's portfolio, compared to less than 30% among the other peers.

Chart 7

BSCOMC Peer Comparison

By portfolio value, asset concentration and asset liquidity



Note: Bubble size represents portfolio value by end of Sep. 2020. Source: Company data, S&P Global (China) Ratings.

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We view BSCOMC's financial risk as relatively low. Its LTV ratio is the lowest among its peers, which underlines BSCOMC's prudent investment policy as well as its strong capacity for refinancing. Unlike corporates, we view that the main cash flow source for debt obligations among IHCs comes from refinancing. The lower the LTV ratio, the stronger we regard the company's refinancing capacity and the lower its financial risk.

Table 3

Peer com	parison (as of s	September 30,	2020)		
	BSCOMC	Hengjian	SIHC	Guohui	GXIG
Major roles	Promoting efficient allocation of state-owned capital, appreciation of state-owned assets	Guangdong- based platform, supports industry- finance integration	Shenzhen- based financial holding platform, supports technology and innovation	Shandong- based platform focused on industrial upgrade projects	Guangxi Zhuang Autonomous Region-based investment and financing platform
Portfolio covers >3 industries	Yes	Yes	Yes	Yes	Yes
Major industries	Metals and mining downstream, finance, power generation, transportation infrastructure	Power generation, metals and mining downstream, transportation cyclical, transportation infrastructure	Finance, transportation infrastructure, homebuilders and developers	Metals and mining upstream, transportation infrastructure, finance	Metals and mining downstream, finance, pharmaceutica ls

Major assets	Shougang Group, Jingneng Group, Beijing Highway, BAIC Group	China Southern Power Grid, Guangdong Energy Group, China Southern Airlines Group	Ping An, Guoxin Securities, Guotai Junan, Shenzhen International	Shandong Energy Group, Shandong High-speed group, Shandong Gold Group	Guangtou Energy, Yinhai Aluminum, Guohai Securities
Asset credit quality	Good	Good	Good	Average	Average
Portfolio value (RMB, 100 million)	4,500-5,000	1,500-2,000	2,000-2,500	500-1,000	500-1,000
Weight of listed assets (%)	20-30	5-10	60-70	0-5	20-30
Three largest assets (% of portfolio)	45-55	65-75	45-55	35-45	25-35
Loan-to- value (%)	9-15	15-30	10-20	15-30	>80

Note: Adjusted by S&P Global (China) Ratings. BSCOMC data includes listed company CSC Financial, which was transferred to Beijing Financial Holding Group in November 2020.

Source: Company annual report, S&P Global (China) Ratings.

Stand-alone Credit Profile

Based on our ratings methodology, we view the SACP of aaspc- as reflective of BSCOMC's strong business risk profile and modest financial risk. Among entities we have researched nationwide, BSCOMC is in the top tier in terms of its SACP.

Liquidity

We view BSCOMC's liquidity as adequate and expect liquidity sources to cover liquidity demand by more than 1.2 times in the next year.

We expect BSCOMC's main liquidity sources to be refinancing, adjusted cash dividends and interest income. We expect adjusted cash dividends and interest income to be about RMB 3 billion to RMB 4 billion in the next 12 months. BSCOMC's operating and interest expense is set to be about RMB 2.5 billion to RMB 3.5 billion.

For refinancing, BSCOMC maintains good long-term relationships with banks and other financial institutions, and has good access to credit lines from its partner banks. As of the end of September 2020, BSCOMC had overall credit lines of RMB 302.5 billion from its partner banks, RMB 30 billion of which had been used and the remaining RMB 272.5 billion undrawn. As of September 2020, BSCOMC's maturing debt is expected to be around RMB 10 billion to RMB 11 billion in the next 12 months.

Table 4

Source of liquidity	Liquidity use
Cash and cash equivalents of RMB 18 billion;	Maturing debt of RMB 10 billion to RMB 11 billion;
Adjusted cash dividends and interest income of RMB 3 billion to RMB 4 billion;	Interest and operating expenses of RMB 2.5 to RMB 3.5 billion.
Undrawn credit facilities of RMB 270 billion.	

Note: Data is based on financial report of parent company, as of the end of September 2020. Source: Data provided by BSCOMC, S&P Global (China) Ratings.

Debt Maturity Overview - Parent			
Year	Amount (RMB, 100 million)		
2020	60		
2021	134		
2022	60		
2023	90		
2024 and beyond	238		
Total	582		

Note: Data as of the end of September 2020.

Source: Data provided by BSCOMC, S&P Global (China) Ratings.

Past Debt Performance

According to BSCOMC's "Corporate Credit Report" and other relevant information, by the end of December 2020 all of BSCOMC's debt obligations had been repaid on time, with no delay in payment of principal and interest. According to public information, as of the date of this report BSCOMC has no record of credit default in the open market.

Issuer Credit Rating

In our opinion, the Beijing municipal government is strong economically with a good fiscal position, relatively light debt and extremely strong indicative support capacity.

We view BSCOMC as critical to the Beijing municipal government. This is mainly reflected by the following aspects:

- BSCOMC is wholly owned by Beijing SASAC. BSCOMC has close ties with the Beijing municipal government in terms of its equity structure and management mechanism. BSCOMC's Management Committee is made up of officials from Beijing SASAC, and major investment decisions must be approved by Beijing municipal government.
- In our opinion, BSCOMC plays a critically important role on behalf of the Beijing municipal government. BSCOMC is a state-owned capital operation platform primarily focused on managing the capital operations of stateowned assets. BSCOMC plays a strategic role on behalf of Beijing municipal

We view BSCOMC as critical to the Beijing municipal government. BSCOMC has close ties with the Beijing municipal government and plays a critically important role on behalf of the government.

- government, promoting the orderly allocation of state-owned capital while achieving capital appreciation of state-owned assets.
- We view the likelihood of Beijing municipal government selling or divesting BSCOMC as extremely low. As an important state-owned capital operation platform in Beijing, BSCOMC holds equity stakes in high-quality, competitive Beijing SOEs. Its assets under management account for more than half of total SOE assets directly under Beijing SASAC. BSCOMC has continuously received asset transfers or capital injections from the government since its establishment, reflecting a stable government support for BSCOMC.
- We do not expect the planned corporate reform to affect BSCOMC's importance to the Beijing municipal government.

Rating Score Snapshot

Issuer Credit Rating: AAA_{spc}/Stable

Business Risk Profile: 2/Strong

Industry Risk: 3/Intermediate

Investment Position: 2/Strong

Financial Risk Profile: 2/Modest

Anchor: aa-

Adjustments

Liquidity: Adequate (no impact)

Management and Governance: Neutral (no impact)

Holistic adjustment: Neutral (no impact)

Stand-alone Credit Profile: aa_{spc}-

External influence: +3

Appendix

Appendix 1: Rated Entity's Main Investment Portfolio Assets (as of September 2020)

Assets	Shareholding ratio	Listed or not
Shougang Group Co., Ltd.	100.00%	No
Beijing Electronics Holding Co., Ltd	100.00%	No
Beijing Jingcheng Electromechanical Holding Co., Ltd.	100.00%	No
Beijing Energy Group Co., Ltd	100.00%	No
Beijing Capital Road Development Group Co., Ltd.	100.00%	No
Beijing Yiqing Holding Co., Ltd.	100.00%	No
Beijing Capital Development Holding (Group) Co., Ltd.	100.00%	No
BAIC Group Co., Ltd.	100.00%	No
China Beijing Tongrentang (Group) Co., Ltd.	100.00%	No
Beijing Suburban Tourism Industrial Development Company	100.00%	No
Beijing Urban and Rural Commerce (Group) Co., Ltd.	34.23%	Yes
Beijing Xianglong Asset Management Co., Ltd.	100.00%	No
Beijing Beichen Industrial Group Co., Ltd.	100.00%	No
Beijing Jinyu Asset Management Co., Ltd.	100.00%	No
BBMG Corporation	44.93%	Yes
Beijing Shounong Food Group Co., Ltd.	100.00%	No
CSC Securities Co., Ltd.	35.11%	Yes
China Aero Engine Group Co., Ltd.	20.00%	No
Beijing Shouhuan Cultural Tourism Investment Co., Ltd	25.00%	No
Beijing Equity Investment Development Center (limited partnership)	99.99%	No
China Resources Pharmaceutical Group Co., Ltd.	17.42%	Yes
China Bond Insurance Co., Ltd.	16.50%	No
AVIC Beijing Co., Ltd.	18.18%	No
Beijing Innovation Industry Investment Co., Ltd	40.00%	No
Beijing International Technical Cooperation Center Co., Ltd.	100.00%	No
BAIC Motor Co., Ltd.	3.42%	Yes
Beijing Equity Investment Development Management Center	99.95%	No
BAIC Foton Motor Co., Ltd.	4.51%	Yes
Beijing Beiyi Machine Tool Co., Ltd	11.79%	No
ZhongGuanCun Equity Trading Service Company	67.31%	No
Beijing Jingneng Clean Energy Power Co., Ltd.	2.72%	Yes
Hainan Jingliang Holding Co., Ltd.	6.67%	Yes

Note:1) The 35.11% equity stake in CSC Securities Co., Ltd. has been transferred to BSCOMC's wholly owned subsidiary Beijing Financial Holding Group Co., Ltd in November 2020; 2) BSCOMC holds a 17.42% equity stake in listed company "China Resources Pharmaceutical Group Co., Ltd." through BSCOMC's wholly owned subsidiary "Beijing State-owned Capital Operation and management Center Investment Holding Co., Ltd."

Appendix 2: Key Financial Data

	2017	2018	2019	2020.1-
Cash and cash equivalent	322,356	366,787	366,213	414,18
Available for sale financial assets	103,664	102,335	134,304	158,02
Held to maturity investments	-	-	13	1,01
ong term equity investments	169,176	191,158	195,155	208,26
-ixed assets	690,341	729,189	718,947	789,29
Total assets	2,530,151	2,788,114	2,951,580	3,165,63
Short term borrowings	239,022	233,523	227,464	267,72
Notes payable and accounts payable	222,098	231,044	227,583	236,53
Non-current liabilities due within one year	106,833	163,005	167,663	150,5
ong term borrowings	361,304	408,123	447,940	490,3
Bonds payable	220,150	230,745	269,939	307,2
Shareholders' equity	847,129	910,905	969,895	1,022,2
Revenue	960,783	997,060	1,070,191	786,69
COGS	775,907	802,870	862,766	649,94
Selling expenses	42,127	41,232	43,581	28,90
Administrative expenses	47,924	53,000	53,015	35,69
Financial expenses	29,128	33,568	33,050	26,9
nvestment income	18,489	23,431	23,594	13,1
otal profit	61,313	62,151	66,030	41,3
Net profit	43,011	42,684	44,366	27,9
Cash inflow from operating activities	1,180,265	1,245,081	1,300,143	987,3
Cash outflow from operating activities	1,155,471	1,167,717	1,210,996	950,2
Net cash flow from operating activities	24,794	77,364	89,147	37,1
Cash inflow from investment activities	115,886	180,041	157,574	108,4
Cash outflow from investment activities	275,847	337,027	305,710	191,5
Net cash flow from investing activities	-159,961	-156,986	-148,136	-83,0
Cash inflow from financing activities	700,972	722,057	753,524	708,1
Cash outflow from financing activities	585,060	615,072	704,503	614,2
Net cash flow from financing activities	115,913	106,985	49,021	93,9
BSCOMC: Key Financial Data (pa	rent company, RME	3, in millions)		
	2017	2018	2019	2020.1
Cash and cash equivalent	327	15,878	7,957	18,1
wailable for sale financial assets	65,916	75,565	84,328	83,0
Held to maturity investments	2,081	1,000	1,000	3,0
ong term equity investments	277,229	274,006	270,198	272,1
ixed assets	412	403	395	3
otal assets	358,151	382,416	372,188	381,7
Short term borrowings	0	0	1,000	
Notes payable and accounts payable	0	0	0	
Non-current liabilities due within one year	0	24,994	3,476	7,1
ong term borrowings	1,000	2,530	1,150	
Bonds payable	49,938	33,956	43,767	47,7
Shareholders' equity	298,177	305,776	306,566	309,8
Revenue	283	319	392	

COGS	67	67	67	50
Selling expenses	0	0	0	0
Administrative expenses	90	103	112	93
Financial expenses	2,625	2,479	2,181	1,397
Investment income	7,113	7,043	13,702	6,058
Total profit	4,629	4,655	11,189	4,742
Net profit	4,629	4,655	11,054	4,604
Cash inflow from operating activities	561	413	5,601	1,440
Cash outflow from operating activities	273	218	4,080	878
Net cash flow from operating activities	287	194	1,521	562
Cash inflow from investment activities	31,336	40,764	40,507	17,510
Cash outflow from investment activities	24,464	42,427	25,091	7,442
Net cash flow from investing activities	6,871	-1,663	15,416	10,067
On the inflammation of the continuous state in	13,747	26,911	19,767	13,000
Cash inflow from financing activities	,			
Cash outflow from financing activities Cash outflow from financing activities	21,427	9,890	44,626	13,450
	21,427 -7,680	9,890 17,020	44,626 -24,858	13,450 -450
Cash outflow from financing activities	-7,680	17,020	<u> </u>	
Cash outflow from financing activities Net cash flow from financing activities	-7,680	17,020	<u> </u>	
Cash outflow from financing activities Net cash flow from financing activities	-7,680 cators (RMB, in milli	17,020 ons)	-24,858	-450
Cash outflow from financing activities Net cash flow from financing activities Adjusted financial data and indic	-7,680 cators (RMB, in milli 2017	17,020 ons) 2018	-24,858 2019	-450 2020.1-9
Cash outflow from financing activities Net cash flow from financing activities Adjusted financial data and indicated financial dat	-7,680 cators (RMB, in milli 2017 277,229	17,020 ons) 2018 274,006	-24,858 2019 270,198	-450 2020.1-9 272,199
Cash outflow from financing activities Net cash flow from financing activities Adjusted financial data and indicate the conference of th	-7,680 cators (RMB, in milli 2017 277,229 65,916	17,020 ons) 2018 274,006 75,565	-24,858 2019 270,198 84,328	-450 2020.1-9 272,199 83,077
Cash outflow from financing activities Net cash flow from financing activities Adjusted financial data and indicate and	-7,680 cators (RMB, in milli 2017 277,229 65,916 2,081	17,020 ons) 2018 274,006 75,565 1,000	-24,858 2019 270,198 84,328 1,000	-450 2020.1-9 272,199 83,077 3,000
Cash outflow from financing activities Net cash flow from financing activities Adjusted financial data and indicate and	-7,680 cators (RMB, in milli 2017 277,229 65,916 2,081 8,148	17,020 ons) 2018 274,006 75,565 1,000 11,489	-24,858 2019 270,198 84,328 1,000 4,888	-450 2020.1-9 272,199 83,077 3,000 1,264
Cash outflow from financing activities Net cash flow from financing activities Adjusted financial data and indice Long-term equity investments Available-for-sale financial assets Held-to-maturity investments Other financial assets Portfolio value - book value	-7,680 cators (RMB, in milli 2017 277,229 65,916 2,081 8,148 353,374	17,020 ons) 2018 274,006 75,565 1,000 11,489 362,059	-24,858 2019 270,198 84,328 1,000 4,888 360,414	-450 2020.1-9 272,199 83,077 3,000 1,264 359,540
Cash outflow from financing activities Net cash flow from financing activities Adjusted financial data and indice Long-term equity investments Available-for-sale financial assets Held-to-maturity investments Other financial assets Portfolio value - book value Portfolio value - market value	-7,680 cators (RMB, in milli 2017 277,229 65,916 2,081 8,148 353,374 377,818	17,020 ons) 2018 274,006 75,565 1,000 11,489 362,059 373,271	-24,858 2019 270,198 84,328 1,000 4,888 360,414 426,412	-450 2020.1-9 272,199 83,077 3,000 1,264 359,540 467,513
Cash outflow from financing activities Net cash flow from financing activities Adjusted financial data and indicate and	-7,680 cators (RMB, in milli 2017 277,229 65,916 2,081 8,148 353,374 377,818 50,694	17,020 ons) 2018 274,006 75,565 1,000 11,489 362,059 373,271 50,570	-24,858 2019 270,198 84,328 1,000 4,888 360,414 426,412 45,434	-450 2020.1-9 272,199 83,077 3,000 1,264 359,540 467,513 44,324
Cash outflow from financing activities Net cash flow from financing activities Adjusted financial data and indice Long-term equity investments Available-for-sale financial assets Held-to-maturity investments Other financial assets Portfolio value - book value Portfolio value - market value Adjusted debt Adjusted dividend income	-7,680 cators (RMB, in milli 2017 277,229 65,916 2,081 8,148 353,374 377,818 50,694 2,521	17,020 ons) 2018 274,006 75,565 1,000 11,489 362,059 373,271 50,570 1,943	-24,858 2019 270,198 84,328 1,000 4,888 360,414 426,412 45,434 4,162	-450 2020.1-9 272,199 83,077 3,000 1,264 359,540 467,513 44,324 1,828
Cash outflow from financing activities Net cash flow from financing activities Adjusted financial data and indice Long-term equity investments Available-for-sale financial assets Held-to-maturity investments Other financial assets Portfolio value - book value Portfolio value - market value Adjusted debt Adjusted dividend income Operating income	-7,680 cators (RMB, in milli 2017 277,229 65,916 2,081 8,148 353,374 377,818 50,694 2,521 283	17,020 ons) 2018 274,006 75,565 1,000 11,489 362,059 373,271 50,570 1,943 319	-24,858 2019 270,198 84,328 1,000 4,888 360,414 426,412 45,434 4,162 392	-450 2020.1-9 272,199 83,077 3,000 1,264 359,540 467,513 44,324 1,828 263
Cash outflow from financing activities Net cash flow from financing activities Adjusted financial data and indice Long-term equity investments Available-for-sale financial assets Held-to-maturity investments Other financial assets Portfolio value - book value Portfolio value - market value Adjusted debt Adjusted dividend income Operating income Interest income	-7,680 cators (RMB, in milli 2017 277,229 65,916 2,081 8,148 353,374 377,818 50,694 2,521 283 9	17,020 ons) 2018 274,006 75,565 1,000 11,489 362,059 373,271 50,570 1,943 319 287	-24,858 2019 270,198 84,328 1,000 4,888 360,414 426,412 45,434 4,162 392 499	-450 2020.1-9 272,199 83,077 3,000 1,264 359,540 467,513 44,324 1,828 263 385

Note: 1. The financial data in the above table is based on the standard unqualified opinions audit reports by Grant Thornton (2017-2019), and the unaudited 2020 third quarter financial statements: restated numbers are used for 2017-2018. 2. Some data is unavailable, represented by "--"; 3. Adjusted financial data is based on the report of the parent company.

 ${\tt Source: Company \ audit \ report.}$

Appendix 3: Ownership Structure of the Rated Entity as of end of September 2020

Sate-owned Assets Supervision and Administration Commission of People's Government of Beijing Municipality

↓ 100%

Beijing State-Owned Capital Operation and Management Center

Appendix 4: Organizational Structure of the Rated Entity as of the end of September 2020

For organizational chart, please refer to the Chinese report.

Appendix 5: Key Terms

Key Terms

Loan-to-value (LTV RATIO) = debt / portfolio value

Portfolio value = book value of non-listed company + market value of listed company + book value of available for sale financial assets + book value of held to maturity investments + others

Short-term debt = Shot-term loan + Financial liabilities held for trading + Account payable + Current portion of non-current liabilities (interest-bearing part) + Interest payable + Other interest-bearing short-term debt

Long-term debt = Long-term loan + Bond + Financial lease payable + Provisions-guarantees & litigations + Other interest-bearing long-term debt

Adjusted total debt = Short-term debt + Long-term debt + Operating lease debt - Surplus Cash + Asset retirement obligation debt adjustment + Hybrid securities + External Guarantees & Litigations + Other adjustments (letter of credit, letter of guarantee, etc.)

Cash flow adequacy = Recurring cash inflows / Nondiscretionary cash outflows

Recurring cash inflows = cash dividends received + management fee income + cash interest income + other

Nondiscretionary cash outflows = cash operating expenditure + tax + interest expenditure + other

Appendix 6: Ratings Definitions

Category	Definition
AAA _{spc}	The repayment ability is extremely strong, generally not impacted by any adverse economic environment, and the default risk is extremely low.
AA _{spc}	The repayment ability is very strong, not considerably impacted by any adverse economic environment, and the default risk is very low.
A _{spc}	The repayment ability is comparatively strong, comparatively vulnerable to the impact of adverse economic environment, and the default risk is comparatively low.
BBB _{spc}	The repayment ability is average, comparatively impacted by adverse economic environment, and the default risk is average.
BB _{spc}	The repayment ability is comparatively weak, materially impacted by adverse economic environment, and the default risk is comparatively high.
B _{spc}	The repayment ability relies comparatively on fair economic environment and the default risk is very high.
CCC _{spc}	The repayment ability relies extremely on fair economic environment and the default risk is extremely high.
CC _{spc}	Lower protection in situation of bankruptcy or reorganization and the repayment of debt may not be generally guaranteed.
C _{spc}	Unable to repay the debt.

^{*}Ratings from 'AA' to 'CCC' may be modified by the addition of a plus (+) or minus (-) sign to show relative standing within the rating categories.

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