2021 Issue 40

From November 1 to November 5

Authors

CCXI Overseas	Business Department
Mia Zhu	010-66428877-570
	<u>llzhu@ccxi.com.cn</u>
Lina Wang	010-66428877-451
	jlwang@ccxi.com.cn

CCXAP

Olivia Feng	852-28607132
	<u>olivia_feng@ccxap.com</u>
Peter Chong	852-28607126
	peter_chong@ccxap.com

Other Contact

Elle Hu	852-28607120
	<u>elle_hu@ccxap.com</u>

Date:

November 10, 2021

CCXI & CCXAP

Cross-border Bonds Weekly Report

Fed announced taper; Chinese offshore bond issuance decreased

Headline: Fed announced taper, US inflation expectations hit a new high record

The Federal Reserve announced on November 4 that it will maintain the current interest rate of 0%-0.25% unchanged, and will start the debt reduction plan in November to reduce the size of monthly asset purchases by USD15 billion, and plans to adjust the pace of tapering when necessary. As early as September, the Fed has given a Taper signal, stating that QE could end around mid-2022. The Fed expected that the supply chain shortage will continue until next year, and the inflation rate will continue to rise. However, as the pandemic eases and the employment rate rises, the supply chain problems will gradually ease.

Exchange Rate: RMB exchange rate fluctuated slightly

The RMB exchange rate fluctuated with the mid-point rate increased slightly. As of November 5, the RMB mid-point rate closed at 6.3980.

Interest Rate: Chinese Government Bond yields fell; US Treasury yields dropped

This week, Chinese Government Bond yields fluctuated downward and it may show range fluctuations recently. The Fed announced its FOMC monetary policy decision, as expected by the market, to reduce its bond purchases (taper) from the end of this month, but Fed Chairman Powell released a dovish signal, which drove down the US Treasury yields. As of November 5, the yield spread between China and US 10-year note was 144.0bp, widening by 1.9bp from last Friday and narrowing by 82.5bp from the beginning of the year.

Chinese Offshore Bond Market

Primary Market: Chinese offshore bond issuance decreased

From November 1 to November 5, there were 15 new issues with a total issued volume of USD3.0 billion, decreasing by 73.9% from last Friday. Among them, Chengtou companies were the largest issuers, which issued a total volume of USD900 million.

Secondary Market: Returns on Chinese USD bonds dropped, while real estate bonds fell the most

As of November 5, the YTD return on Chinese USD corporate bond index decreased by 138bp from last Friday to -6.88%. The return on investment-grade bond fell by 24bp to 0.09%, and the return on high-yield bond significantly drop by 436bp to -24.35%. In terms of sector indices, real estate bonds fell the most, which dropped by 637bp from last Friday to -30.84%

Rating Actions: The Credit ratings of several real estate companies downgraded Risk Event: Yango Group conducted an exchange offer of three USD bonds

Panda Bond Market: China Power International issued 1 new bond this week

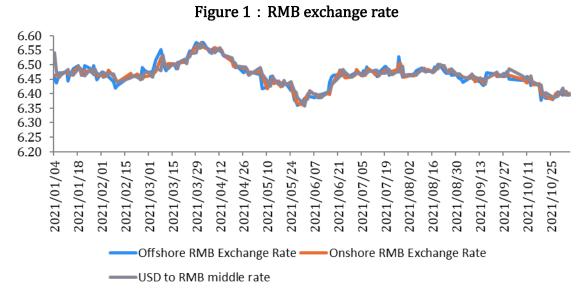
Headline: Fed announced taper, US inflation expectations hit a new high record

The Federal Reserve announced on November 4 that it will maintain the current interest rate of 0%-0.25% unchanged, and will start the debt reduction plan in November to reduce the size of monthly asset purchases by USD15 billion, and plans to adjust the pace of tapering when necessary. The Fed's statement also mentioned that it will purchase USD70 billion in US Treasury bonds and USD35 billion in mortgage-backed securities (MBS) later in November, and will purchase USD60 billion and USD30 billion respectively in December, both within market expectations. As early as September, the Fed has given a Taper signal, stating that QE could end around mid-2022.

According to the Fed's expectations, food, petrol prices, rents, and college tuition will rise in the next year. Fed Chairman Powell attributed the main reason for the surge in consumer prices to the supply chain shortage caused by the pandemic, and the wage increase caused by the shortage of workers. Powell stated that it is expected that the supply chain shortage will continue until next year, and the inflation rate will continue to rise. However, as the pandemic eases and the employment rate rises, the supply chain problems will gradually ease. Powell emphasized that the Fed will wait for the supply chain problems to be resolved and inflation slows before entering the interest rate hike cycle.

Exchange Rate: RMB exchange rate fluctuated slightly

The RMB exchange rate fluctuated with the mid-point rate increased slightly. As of November 5, the RMB mid-point rate closed at 6.3980, increased by 73bp from last Friday; the onshore RMB exchange rate increased by 4bp to 6.4013; the offshore RMB exchange rate decreased by 114bp to 6.3944.

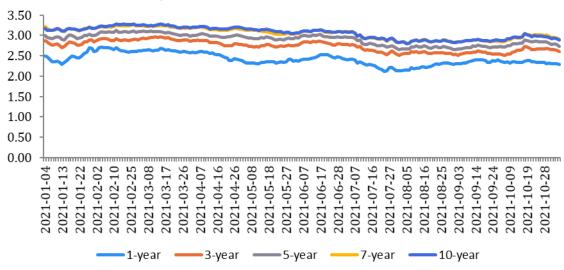


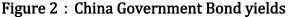
Sources: Wind, CCX research

Interest Rate: Chinese Government Bond yields fell; US Treasury yields dropped

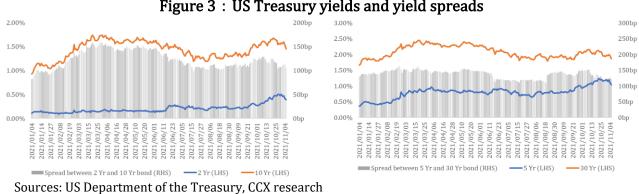
This week, Chinese Government Bond yields fluctuated downward and it may show range

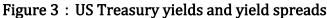
fluctuations recently. As of November 5, the 1-year, 3-year, 5-year, 7-year and 10-year Chinese Government Bond yields fluctuated downward comparing with last Friday, closed at 2.2852%, 2.6111%, 2.7299% and 2.8911% respectively. The MLF maturity scale is relatively high, and liquidity or margins are tightened in November. As the economy and policies have not evolved beyond expectations, the downside of the yield may be relatively limited.





The Fed announced its FOMC monetary policy decision, as expected by the market, to reduce its bond purchases (taper) from the end of this month, but Fed Chairman Powell released a dovish signal, which drove down the US Treasury yields. As of November 5, 2-year, 5-year, 10year and 30-year Treasury yields closed at 0.39%, 1.04%, 1.45% and 1.87%, decreasing by 9bp, 14bp, 10bp and 6bp from last Friday, respectively. In terms of Treasury yield spreads, the spread between the 2-year and 10-year narrowed by 1bp to 106bp, while the spread between the 5-year and 30-year narrowed by 1bp to 122bp from last Friday.





As of November 5, the yield spread between China and US 10-year note was 144.0bp, widening by 1.9bp from last Friday and narrowing by 82.5bp from the beginning of the year.

Sources: ChinaBond.com.cn, CCX research

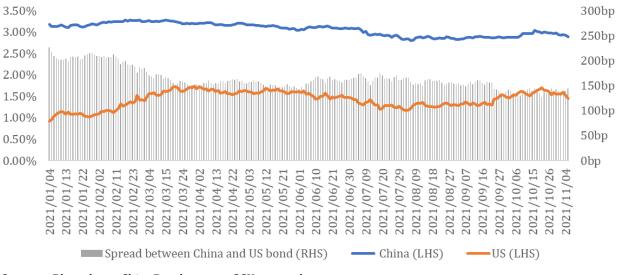


Figure 4 : Yield spread between China and US 10-year note

Sources: Bloomberg, ChinaBond.com.cn, CCX research

Chinese Offshore Bond Market

Primary Market: Chinese offshore bond issuance decreased

From November 1 to November 5, there were 15 new issues with a total issued volume of USD3.0 billion, decreasing by 73.9% from last Friday. Among them, chengtou companies were the largest issuers, which issued a total volume of USD900 million.

Pricing Date	Obligor	Currency	Amount (million)	Coupon (%)	Maturity	Tenor	Industry	Issuer Rating (Moody's/S&P/ Fitch)	Issue Rating (Moody's/S&P/ Fitch)
2021/11/1	Yunnan Communications Investment & Construction Group Co Ltd	USD	100	3.8	2026/11/5	5	Industrials	-/-/-	-/-/-
2021/11/2	Bank of China Ltd	USD	600	1.75	2026/11/9	5	Financials	A1/A/A	A1/-/A
2021/11/2	CITIC Securities International Co Ltd	USD	2	0	2022/11/1	364D	Financials	-/BBB+/-	-/-/-
2021/11/2	CITIC Securities International Co Ltd	USD	3	0	2022/11/1	364D	Financials	-/BBB+/-	_/_/-
2021/11/2	CITIC Securities International Co Ltd	USD	3	0	2022/11/1	364D	Financials	-/BBB+/-	-/-/-
2021/11/2	CITIC Securities International Co Ltd	USD	5	0	2022/11/1	364D	Financials	-/BBB+/-	-/-/-
2021/11/2	CITIC Securities International Co Ltd	USD	5	0	2022/11/1	364D	Financials	-/BBB+/-	-/-/-
2021/11/2	CITIC Securities International Co Ltd	USD	11	0	2022/11/1	364D	Financials	-/BBB+/-	-/-/-
2021/11/2	State Power Investment Corporation Limited	USD	900	3.38	-	Perpetual	Utilities	A2/A-/A	Baa1/-/-
2021/11/3	China Bohai Bank Co., Ltd	USD	300	1.5	2024/11/10	3	Banks	Baa3/BBB-/-	Baa3/BBB-/-
2021/11/3	Jiangsu Fangyang Group Co Ltd	USD	150	1.98	2024/11/10	3	Chengtou	-/-/BB-	Baa3/-/-
2021/11/3	Jinan City Construction Group Limited Company	USD	500	2.3	2024/11/10	3	Chengtou	Baa2/-/BBB+	-/-/BBB+

Table 1 : New issuance of Chinese offshore bonds (20211101-20211105)

2021/11/4	Ganglong China Property Group Ltd	USD	158	13.5	2022/11/11	364D	Real Estate	-/-/-	-/-/-
2021/11/4	Zhejiang Xinchang Investment Development Co Ltd	USD	200	3.6	2024/11/10	3	Chengtou	-/-/-	-/-/-
2021/11/5	Pujiang County State-owned Capital Investment Group Co Ltd	USD	50	2	2024/11/12	3	Chengtou	-/-/-	-/-/-
	Courses, Pleamhang CCV	nagaanah							

Sources: Bloomberg, CCX research

From November 1 to November 5, one company announced tap bond offering.

Pricing date		Currency	Amount (million)	Coupon (%)	Maturity	Tenor	Industry	Issuer Rating (Moody's/S&P/ Fitch)	Issue Rating (Moody's/S&P/ Fitch)
2021/11/5	Industrial & Commercial Bank of China Ltd/Sydney	AUD	27 (reoffered 6)	1.39	2026/9/25	5	Banks	A1/A/A	-/-/-

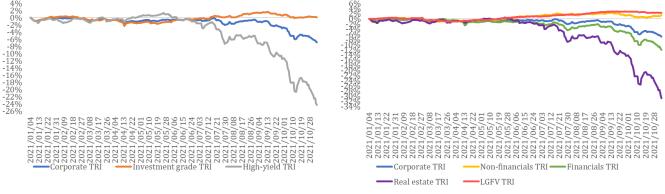
Table 2 : Tap bond offering (20211101-20211105)

Sources: Bloomberg, CCX research

Secondary Market: Returns on Chinese USD bonds dropped, while real estate bonds fell the most

As of November 5, the YTD return¹ on Chinese USD corporate bond index decreased by 138bp from last Friday to -6.88%. The return on investment-grade bond decreased by 24bp to 0.09%, and the return on high-yield bond decreased by 436bp to -24.35%. In terms of sector indices, real estate bonds fell the most, which dropped by 637bp from last Friday to -30.84%; The return on financial bonds decreased by 244bp to -12.04%. The return on non-financial bonds increased by 33bp from last Friday to 1.47%.

Figure 5 : YTD return on Markit IBoxx Chinese USD bond index



Sources: Bloomberg, CCX research

As of November 5, the yield-to-worst of Chinese dollar bonds increased by 22bp to 4.97% from last Friday, of which investment grade bond index increased by 7bp to 2.60%, and high-yield

¹ Year-to-date return measures the return since January 4, 2021

bond index increased by 274bp to 22.61%.

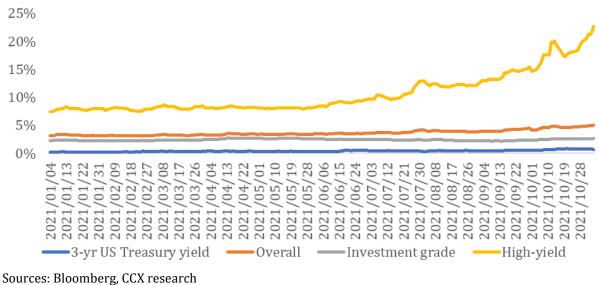


Figure 6 : Yield-to-worst of Bloomberg Barclays Chinese USD bond index

Rating Actions: Several real estate companies were downgraded

From November 1 to November 5, the rating agencies took positive rating actions on 2 Chinese issuers, and took negative rating actions on 12 Chinese issuers. Several real estate companies were downgraded.

		Greaterate		Current Rat	ting		Previous Ra	ting	Rating	Reason of Change
Inte	Entity ernational Rating:	Sector	Entity Rating	Outlook	Date	Entity Rating	Outlook	Date	Agency	
ade	China Merchants Bank	Financials	A-	STABLE	2021/11/3	BBB+	POS	2021/8/5	Fitch	increased propensity of state support
Upgrade	Huarong Industrial Investment & Management Co., Ltd	Industrials	B-	STABLE	2021/11/3	CCC	-	2021/8/11	Fitch	reassessment of the parent subsidiary linkage
	Ronshine China Holdings Limited	Real Estate	В	NEG	2021/11/1	B+	NEG	2021/9/25	Fitch	Uncertainty in refinancing
	Yango Group Co Ltd	Real Estate	Caa2	RWN	2021/11/1	B2	NEG	2021/10/18	Moody's	Uncertainty in debt payments
Downgrade	Inner Mongolia Yili Industrial Group Co Ltd	Consumer Staples	A-	NEG	2021/11/2	A-	STABLE	2020/11/9	S&P	debt leverage could exceed of 1.5x
Do	SF Holding Co Ltd	Industrials	A-	NEG	2021/11/2	A-	RWN	2021/6/30	Fitch	uncertainty over the company's EBITDA and free cash flow (FCF) generation

 Table 3 : Credit rating changes of cross-border bond market (20211101-20211105)

Cross-border Bonds Weekly

	Shinsun Holdings Group Co Ltd	Real Estate	B-	NEG	2021/11/2	В	STABLE	2021/5/12	S&P	weaken operating cash inflow
	Yango Group Co Ltd	Real Estate	С	-	2021/11/2	B-	NEG	2021/10/28	Fitch	distressed debt exchange
	China Aoyuan Group Ltd	Real Estate	B+	NEG	2021/11/3	BB	NEG	2021/6/7	Fitch	decreasing financial flexibility amid high capital- market volatility
	Datang Group Holdings Ltd	Real Estate	В	NEG	2021/11/3	В	STABLE	2021/4/21	S&P	margin erosion over the next 12 months
	Dexin China Holdings	Real Estate	В	NEG	2021/11/3	В	STABLE	2019/7/15	S&P	Weakening China Property Market Hindering Deleveraging
	Yuzhou Group Holdings Co Ltd	Real Estate	В	NEG	2021/11/3	B+	STABLE	2021/9/7	Fitch	weakened funding access and rising liquidity pressure
	Agile Group Holdings Ltd	Real Estate	Ba2	NEG	2021/11/4	Ba2	STABLE	2021/3/29	Moody's	difficult operating and funding conditions will weaken its liquidity and credit metrics
	China Aoyuan Group Itd	Real Estate	B2	RWN	2021/11/5	B1	RWN	2021/10/18	Moody's	weakened access to funding and large near-term debt maturities
	Wens Foodstuffs Group Co Ltd	Consumer Staples	BB+	NEG	2021/11/5	BBB-	STABLE	2021/8/6	Fitch	higher industry volatility than expected due to continued oversupply
	Fujian Yango Group Co. Ltd	Real Estate	CCC-	NEG	2021/11/5	В	STABLE	2019/10/4	S&P	Heightened Nonpayment Risk
Don	nestic Rating:									
Downgrade	Yango Group Co Ltd	Real Estate	AAA	NEG	2021/11/1	AAA	STABLE	2021/7/2	DAGONG	Uncertainty in the source of debt payment
Dow	Yango Group Co Ltd	Real Estate	AA+	RWN	2021/11/1	AA+	STABLE	2021/10/13	CCXI	increased liquidity pressure

Sources: Bloomberg, Wind, CCX research

Risk Event: Yango Group conducted an exchange offer of three USD bonds

On November 1, Yango Group Co., Ltd. ("Yango Group") announced that the severe real estate industry situation has resulted in the Company's short-term liquidity difficulties. It intended to conduct an exchange offer on its three USD bonds and solicitation of consents to amend their indentures. The outstanding amount of the three USD bonds is USD747 million, and the minimum acceptance amount for the exchange offer is 85% of the outstanding principal amount. If the exchange offer is successfully completed, for each USD1,000 principal amount of the outstanding bonds, bondholders will receive USD25 in cash, and a new senior note maturing on September 15, 2022 with a coupon rate of 10.25% and an aggregate principal

Panda Bond Market: China Power International issued 1 new bond this week

On November 2, China power International Development Limited's third tranche SCP in 2021 was successfully issued in the China Interbank Market, raising the total amount of RMB1 billion, with a tenor of 0.74 years and a coupon rate of 2.88 %.

I able 4	mu m 2021	1 (20210101-20211105)						
Issuer	Amount (RMB billion)	Coupon (%)	Issue date	Maturity	Tenor	Bond Type	Issue Market	Local Rating Agency
China Power International Development Limited	1	2.88	2021/11/2	2022/7/29	0.74	SCP	China Interbank Market	Golden Credit Rating
Shenzhen International Holdings Limited	40	3.29	2021/10/29	2027/10/29	6	Corporate Bond	Shenzhen Exchange Market	Lianhe Credit
Far East Horizon Limited	3	4.06	2021/10/27	2023/10/27	2	MTN	China Interbank Market	China Chengxin
China Power International Development Limited	1	3.39	2021/10/22	2024/10/22	3	MTN	China Interbank Market	Golden Credit Rating
GLP China Holdings Limited	0.7	4.3	2021/10/17	2026/10/17	5	Corporate Bond	Shanghai Exchange Market	Shanghai Brilliance Rating
Republic of Poland	3	3.20	2021/10/15	2024/10/15	3	International Institution Bond	China Interbank Market	China Chengxin
China Power International Development Limited	2	3.47	2021/10/13	2024/10/13	3	MTN	China Interbank Market	Golden Credit Rating
China Mengniu Dairy Company Limited	1.5	2.55	2021/9/28	2021/12/22	0.23	SCP	China Interbank Market	China Chengxin
Daimler International Finance BV	2	3.1	2021/9/27	2023/9/27	2	MTN	China Interbank Market	
Daimler International Finance BV	2	3.1	2021/9/27	2024/9/27	3	MTN	China Interbank Market	
New Development Bank	2	3.02	2021/9/17	2026/9/17	5	International Institution Bond	China Interbank Market	China Chengxin
Crédit Agricole S.A.	1	3.14	2021/9/17	2024/9/17	3	Financial Bond	China Interbank Market	S&P China
BMW Finance N.V	2	3.15	2021/9/16	2024/9/16	3	MTN	China Interbank Market	China Chengxin
BMW Finance N.V	1.5	3.1	2021/9/16	2023/9/16	2	MTN	China Interbank Market	China Chengxin
China Mengniu Dairy Company Limited	2.5	2.55	2021/8/30	2021/11/19	0.22	SCP	China Interbank Market	China Chengxin
China Mengniu Dairy Company Limited	2.5	2.55	2021/8/30	2021/11/26	0.24	SCP	China Interbank Market	China Chengxin
Far East Horizon Limited	0.7	3.78	2021/8/30	2023/8/30	2	MTN	China Interbank Market	China Chengxin

Table 4 : New issuance of Panda Bond in 2021 (20210101-20211105)

Cross-border Bonds Weekly

GLP China Holdings Limited	1.2	4.30	2021/8/23	2026/8/23	5	Corporate Bond	Shanghai Exchange Market	Shanghai Brilliance Rating
China Everbright Water Limited	0.8	2.40	2021/8/10	2021/12/8	0.33	SCP	China Interbank Market	Shanghai Brilliance Rating
China Mengniu Dairy Company Limited	0.5	2.50	2021/8/4	2021/10/29	0.24	SCP	China Interbank Market	China Chengxin
China Power International Development Limited	0.5	2.63	2021/8/3	2022/3/1	0.58	SCP	China Interbank Market	China Chengxin
China Everbright Greentech Limited	1	3.50	2021/7/28	2026/7/28	5	MTN	China Interbank Market	Lianhe Credit
Luso International Banking Limited	1.5	3.28	2021/7/27	2024/7/27	3	Financial Bond	China Interbank Market	Lianhe Credit
China Mengniu Dairy Company Limited	2	2.60	2021/7/27	2021/12/9	0.37	SCP	China Interbank Market	China Chengxin
Beijing Enterprises Water Group Limited	1	3.27	2021/7/14	2026/7/14	5	Corporate Bond	Shanghai Exchange Market	Shanghai Brilliance Rating
Beijing Enterprises Water Group Limited	1	3.64	2021/7/14	2026/7/14	5	Corporate Bond	Shanghai Exchange Market	Shanghai Brilliance Rating
Far East Horizon Limited	0.5	3.98	2021/7/12	2023/7/12	2	MTN	China Interbank Market	China Chengxin
Bank of China Group Investment Limited	2.5	3.64	2021/6/24	2024/6/24	3	MTN	China Interbank Market	China Chengxin / Lianhe Credit
China Mengniu Dairy Company Limited	1.2	2.50	2021/6/24	2021/9/17	0.23	SCP	China Interbank Market	China Chengxin
China Mengniu Dairy Company Limited	0.8	2.65	2021/6/22	2021/12/16	0.48	SCP	China Interbank Market	China Chengxin
China Everbright Limited	4	3.70	2021/6/18	2024/6/18	3	MTN	China Interbank Market	China Chengxin
China Everbright Environment Group Limited	2	3.60	2021/6/15	2024/6/15	3	MTN	China Interbank Market	Lianhe Credit Rating
BMW Finance N.V.	1.5	3.03	2021/6/15	2022/6/15	1	СР	China Interbank Market	China Chengxin
BMW Finance N.V.	2	3.44	2021/6/15	2024/6/15	3	MTN	China Interbank Market	China Chengxin
GLP China Holdings Limited	2	4.30	2021/6/11	2026/6/11	5	Corporate Bond	Shanghai Exchange Market	Shanghai Brilliance Rating
China Traditional Chinese Medicine Holdings Co. Limited	1	2.65	2021/5/31	2022/2/25	0.74	SCP	China Interbank Market	
Hengan International Group Company Limited	1	2.90	2021/5/25	2021/11/23	0.5	СР	China Interbank Market	China Chengxin
Daimler International Finance BV	2	3.77	2021/5/21	2024/5/21	3	PPN	China Interbank Market	
Daimler International Finance BV	2	3.60	2021/5/21	2023/5/21	2	PPN	China Interbank Market	
Yuexiu Transport Infrastructure Limited	0.5	3.84	2021/5/13	2028/5/13	7	Corporate Bond	Shanghai Exchange Market	China Chengxin
Yuexiu Transport Infrastructure Limited	1	3.48	2021/5/13	2026/5/13	5	Corporate Bond	Shanghai Exchange Market	China Chengxin

Cross-border Bonds Weekly

Hengan International Group Company Limited	1	2.90	2021/4/26	2021/10/23	0.5	SCP	China Interbank Market	China Chengxin
Beijing Enterprises Water Group Limited	1.5	3.98	2021/4/23	2029/4/23	8	MTN	China Interbank Market	Shanghai Brilliance Rating
China Power International Development Limited	2	3.54	2021/4/23	2024/4/23	3	MTN	China Interbank Market	China Chengxin
GLP China Holdings Limited	1.5	4.40	2021/4/22	2026/4/22	5	Corporate Bond	Shanghai Exchange Market	Shanghai Brilliance Rating
China Mengniu Dairy Company Limited	1	2.50	2021/4/19	2021/6/25	0.18	SCP	China Interbank Market	China Chengxin
Hengan International Group Company Limited	1	3.00	2021/4/15	2021/10/12	0.5	SCP	China Interbank Market	China Chengxin
China Mengniu Dairy Company Limited	1	2.50	2021/4/8	2021/6/25	0.21	SCP	China Interbank Market	China Chengxin
Hengan International Group Company Limited	1	3.08	2021/3/26	2021/9/23	0.5	SCP	China Interbank Market	China Chengxin
China Mengniu Dairy Company Limited	2	2.50	2021/3/26	2021/6/24	0.25	SCP	China Interbank Market	China Chengxin
New Development Bank	5	3.22	2021/3/25	2024/3/25	3	International Institution Bond	China Interbank Market	Lianhe Credit Rating
GLP China Holdings Limited	1.5	4.40	2021/3/25	2024/3/25	3	Corporate Bond	Shanghai Exchange Market	Shanghai Brilliance Rating
Daimler International Finance BV	2	3.80	2021/3/19	2024/3/19	3	PPN	China Interbank Market	
Daimler International Finance BV	2	3.70	2021/3/19	2023/3/19	2	PPN	China Interbank Market	
Crédit Agricole S.A.	1	3.50	2021/3/18	2024/3/18	3	Financial Bond	China Interbank Market	S&P China
GLP China Holdings Limited	1.5	4.40	2021/3/18	2024/3/18	3	MTN	China Interbank Market	Shanghai Brilliance Rating
SIIC Environment Holdings Ltd.	1.5	3.89	2021/3/15	2026/3/15	5	Corporate Bond	Shanghai Exchange Market	China Chengxin
Asian Development Bank	2	3.20	2021/3/11	2026/3/11	5	International Institution Bond	China Interbank Market	
GLP China Holdings Limited	1.7	4.37	2021/3/8	2024/3/8	3	Corporate Bond	Shanghai Exchange Market	Shanghai Brilliance Rating
China Power International Development Limited	0.5	3.20	2021/2/8	2021/8/6	0.5	SCP	China Interbank Market	Golden Credit Rating
Yuexiu Transport Infrastructure Limited	1	3.78	2021/1/28	2026/1/28	5	MTN	China Interbank Market	China Chengxin
Yuexiu Transport Infrastructure Limited	1	3.63	2021/1/25	2026/1/25	5	Corporate Bond	Shanghai Exchange Market	China Chengxin
GLP China Holdings Limited	0.7	3.98	2021/1/25	2024/1/25	3	Corporate Bond	Shanghai Exchange Market	Shanghai Brilliance Rating
China Everbright Water Ltd	1	3.75	2021/1/15	2024/1/15	3	MTN	China Interbank Market	Shanghai Brilliance



Sources: Bloomberg, CCX research



Copyright

Copyright © 2021 China Chengxin (Asia Pacific) Credit Ratings Company Limited, China Chengxin (Asia Pacific) Credit Ratings Company Limited and/or their affiliates (collectively, "CCX"). All rights reserved. All information contained herein is protected by law. None of such information may be copied or otherwise reproduced, repackaged, further transmitted, transferred, redaction, interception, resold or redistributed, or stored for subsequent use for any such purpose, by any person without CCX's prior written consent.

Important Information

All information contained herein is obtained by CCX from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "as is" without warranty of any kind. No warranty, express or implied, as to the accuracy, timeliness, completeness, merchantability or fitness for any commercial purpose of such information is given or made by CCX in any form or manner whatsoever.

To the extent permitted by law, CCX and its directors, officers, employees, agents and representatives disclaim liability to any person or entity (a) for any direct or compensatory losses or damages, including but not limited to by any negligence on the part of, or any contingency within or beyond the control of, CCX or any of its directors, officers, employees, agents or representatives, arising from or in connection with the information contained herein or the use of or inability to use any such information; or (b) for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if CCX or any of its directors, officers, employees, agents or representatives is advised in advance of the possibility of such losses or damages.

CCX's credit ratings, assessments and other opinions contained herein are current opinions and are not statements of current or historical fact and do not constitute or provide investment or financial advice, and do not provide recommendations to purchase, sell, or hold particular securities. CCX's credit rating assessments and other opinions are not intended for use by retail investors when making an investment decision. Any person as investor will, with due care, make its own study and evaluation of each security, issuer, guarantor, and credit supporter that is under consideration for purchase, holding, or selling.

中诚信国

中诚信国际信用评级有限责任公司

- 地址: 北京市东城区朝阳门内大街 南竹竿胡同 2 号银河 SOHO6 号楼 邮编: 100020
 电话: (8610) 6642 8877
 传真: (8610) 6642 6100
 网址: http://www.ccxi.com.cn
- 会。 中談信亞太 CCXAP

中国诚信(亚太)信用评级有限公司

- 地址: 香港中环康乐广场1号 怡和大厦19楼1904-1909室 电话: (852)28607111
- 传真: (852) 2868 0656
- 网址: http://www.ccxap.com

China Chengxin International Credit Rating Co., Ltd Address: Building 6, Galaxy SOHO, No.2 Nanzhugan hutong, Chaoyangmennei Avenue, Dongcheng district, Beijing, 100020 Tel: (8610) 6642 8877 Fax: (8610) 6642 6100 Website: http://www.ccxi.com.cn

China Chengxin (Asia Pacific) Credit Ratings Company Limited Address: Suites 1904-1909, 19/F, Jardine House, 1 Connaught Place, Central, Hong Kong

Tel:(852) 2860 7111Fax:(852) 2868 0656

Website: http://www.ccxap.com