China / Hong Kong Company Update

China Hongqiao Group

Bloomberg: 1378 HK Equity | Reuters: 1378.HK

Refer to important disclosures at the end of this report

DBS Group Research . Equity

HOLD (Downgrade from Buy)

Last Traded Price (23 Jan 2024): HK\$5.42 (HSI: 15,354)
Price Target 12-mth: HK\$6.00 (11% upside) (Prev HK\$8.70)

Analyst

Duncan Chan +852 36684178 duncanchan@dbs.com

What's New

- Despite drag from weak product GP on 2023 performance, earnings growth to resume in 2024 on growing transportation and power consumption
- Expect progress of capacity relocation into Yunnan might limit overall business development prospects
- Revised down earnings by 16% each for FY23F and FY24F on our new aluminium product GP assumption
- New TP of HK\$6.0 pegged to 0.6x target P/B multiple (from 0.8x previously), downgrade HOLD on lower earnings visibility



Forecasts and Valuation

FY Dec (RMBm) Turnover EBITDA Pre-tax Profit Net Profit Net Profit Gth (Pre-ex) (%) EPS (RMB) EPS (HK\$) EPS (HK\$) Diluted EPS (HK\$) DPS (HK\$) BV Per Share (HK\$) PE (X) P/Cash Flow (X) P/Free CF (X) EV/EBITDA (X) Net Div Yield (%) P/Book Value (X)	2022A 131.699 22.389 12.607 8.702 (45.9) 0.94 1.02 (47.2) 1.02 0.56 9.91 5.3 6.1 nm 3.5 10.3 0.5	2023F 130.355 21.021 10.366 7.081 (18.6) 0.76 0.83 (18.6) 0.83 0.40 10.29 6.5 2.9 6.7 3.7 7.4	2024F 133.692 22.986 12.181 17.5 0.89 0.98 17.5 0.98 0.47 10.73 5.6 2.1 3.0 2.9 8.6 0.5	2025F 136.029 25.637 15.093 10.310 23.9 1.11 1.21 23.9 1.21 0.58 11.28 4.5 2.5 4.0 2.4 10.7 0.5
P/Book Value (X)	0.5	0.5	0.5	0.5
Net Debt/Equity (X)	0.2	0.2	0.1	0.0
ROAE(%)	10.5	8.2	9.3	11.0
Earnings Rev (%):		(16)	(16)	New
Consensus EPS (RMB)		1.10	1.28	1.34
Other Broker Recs:		B:14	S:1	H:0

Source of all data on this page: Company, DBS Bank (Hong Kong) Limited ("DBS HK"), Thomson Reuters

24 Jan 2024

Lower earnings visibility

Investment Thesis

Beneficiary of growing consumption from new energy segment.

Hongqiao is the main beneficiary of the growing demand from the new energy sectors. Meanwhile, Hongqiao plans to relocate over 40% of its total capacity (6.46m tonnes p.a.) to the Yunnan province by 2025. We believe the company's rising bargaining power with suppliers and operational efficiency would bode well for a rebound in its product GP.

Tight market supply to support price outlook. We believe the expected industry capacity cap (45m tonnes p.a.) in China would continue to ensure relatively tight supply this year and support the company's product GP outlook. Our aluminium price assumptions of RMB19,000/tonne for 2024 and RMB19,500/tonne for 2025, from RMB18,319/tonne provide a support for revenue growth.

Aluminium product GP in focus. As the company's capacity relocation plan progresses, it could benefit from diversification because of gaining access to hydropower resources, which would further optimise the group's capacity efficiency. Meanwhile, we assume the company's aluminium GP would rebound towards 2022's level towards 2025, which could bring about an above-consensus earnings CAGR (2023-2025) of >20%.

BUY, TP of HK\$6.0 (previously: HK\$8.7) on our revised earnings. We peg our TP to 0.6x FY24F PB, which is at its five-year historical average. We expect the company's asset-driven ROE expansion, i.e., returning to the low-teen level, to be a share rerating catalyst. Also, the projected net dividend yield of c.8% should help support the share price.

Key Risks

Every 1% change in the aluminium and alumina price will swing earnings by 8% and c.1%, respectively. Meanwhile, an unexpected expansion in industry supply or collapse in demand may adversely impact our assumptions. Company wise, the progress of its capacity relocation plan would affect the group's sales performance as well.

At A Glance

Issued Capital (m shrs)	9,476
Mkt Cap (HKm/US\$m)	52,402 / 6,703
Major Shareholders (%)	
China Hongqiao Holdings Ltd.	64.1
CITIC Trust Co., Ltd.	8.5
Free Float (%)	27.4
3m Avg. Daily Val. (US\$m)	17.3
GICS Industry: Materials / Metals & Mining	





Company Background

China Hongqiao Group ("CHG") is a vertically integrated aluminium producer in China. CHG is engaged in the production of a wide range of products from bauxite, alumina, and aluminium to fabricated products. CHG was the largest aluminum producer in China as at end-2022, with a 6.46m tonnes p.a. production capacity. CHG has codeveloped a bauxite mine in Guinea and operates an alumina plant in Indonesia. The company's sales volumes of aluminium and alumina were 5.4m tonnes and 8.2m tonnes, respectively, in 2022.

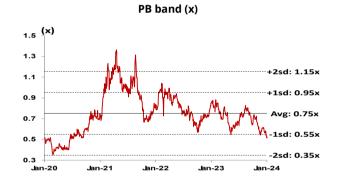
Historical PE and PB band

Forward PE band (x) (x) 11.3 +2sd: 11.3x +1sd: 8.9x Avg: 6.4x -1sd: 4x -2sd: 1.5x

Jan-22

Jan-23

Jan-24



Source: Thomson Reuters, DBS HK



Key Assumptions

FY Dec	2021A	2022A	2023F	2024F	2025F
Sales volume for alumina ('000 tonnes) Sales volume for	7,163.0	8,298.0	6,980.0	6,760.0	6,760.0
aluminum products ('000 tonnes)	5,052.0	5,473.0	6,000.0	6,100.0	6,100.0
ASP for alumina (RMB/tonne)	2,368.7	2,579.5	2,605.3	2,683.5	2,629.8
ASP for aluminum products (RMB/tonne)	16,689.0	17,582.1	16,532.7	16,814.2	17,256.6
GPM for aluminum products (%) Source: Company, DBS HK	27.6	14.0	11.6	13.7	15.7

Segmental Breakdown (RMB m)

FY Dec	2021A	2022A	2023F	2024F	2025F
Revenues (RMB m)					
Alumina	16,967	21,405	18,185	18,140	17,777
Aluminum products	96,837	109,529	111,345	114,715	117,414
Others	687	765	825	838	838
Total	114,491	131,699	130,355	133,692	136,029
Gross Profit (RMB m)					
Alumina	3,986	3,269	2,777	3,069	3,158
Aluminum products	26,733	15,356	12,875	15,743	18,442
Others	(266)	(386)	(416)	(422)	(422)
Total	30,453	18,239	15,236	18,389	21,178
Gross Profit Margins (%)					
Alumina	23.5	15.3	15.3	16.9	17.8
Aluminum products	27.6	14.0	11.6	13.7	15.7
Others	(38.6)	(50.4)	(50.4)	(50.4)	(50.4)
Total	26.6	13.8	11.7	13.8	15.6

Source: Company, DBS HK



Income Statement (RMB m)

20214	20224	2023E	2024E	2025F
				136,029
(84,038)	(113,460)	(115,118)	(115,303)	(114,851)
30,453	18,239	15,236	18,389	21,178
(6,234)	(6,531)	(6,465)	(6,630)	(6,746)
24,219	11,708	8,772	11,759	14,432
1,899	3,415	3,415	2,415	2,415
62	503	1,591	1,591	1,591
(3,626)	(3,020)	(3,411)	(3,584)	(3,344)
0	0	0	0	0
0	0	0	0	0
22,554	12,607	10,366	12,181	15,093
(5,705)	(2,798)	(2,384)	(2,802)	(3,471)
(775)	(1,107)	(901)	(1,059)	(1,312)
0	0	0	0	0
16,073	8,702	7,081	8,321	10,310
16,073	8,702	7,081	8,321	10,310
32,696	22,389	21,021	22,986	25,637
32.9	15.0	(1.0)	2.6	1.7
36.8	(31.5)	(6.1)	9.3	11.5
62.5	(51.7)	(25.1)	34.1	22.7
53.1	(45.9)	(18.6)	17.5	23.9
26.6	13.8	11.7	13.8	15.6
21.2	8.9	6.7	8.8	10.6
14.0	6.6	5.4	6.2	7.6
21.1	10.5	8.2	9.3	11.0
8.7	4.7	3.8	4.4	5.2
11.9	6.0	4.4	5.7	6.8
63.1	54.5	48.0	48.0	48.0
6.7	3.9	2.6	3.3	4.3
	2021A 114,491 (84,038) 30,453 (6,234) 24,219 1,899 62 (3,626) 0 0 22,554 (5,705) (775) 0 16,073 16,073 32,696 32.9 36.8 62.5 53.1 26.6 21.2 14.0 21.1 8.7 11.9 63.1	2021A 2022A 114,491 131,699 (84,038) (113,460) 30,453 18,239 (6,234) (6,531) 24,219 11,708 1,899 3,415 62 503 (3,626) (3,020) 0 0 0 0 22,554 12,607 (5,705) (2,798) (775) (1,107) 0 0 16,073 8,702 32,696 22,389 32.9 15.0 36.8 (31.5) 62.5 (51.7) 53.1 (45.9) 26.6 13.8 21.2 8.9 14.0 6.6 21.1 10.5 8.7 4.7 11.9 6.0 63.1 54.5	2021A 2022A 2023F 114,491 131,699 130,355 (84,038) (113,460) (115,118) 30,453 18,239 15,236 (6,234) (6,531) (6,465) 24,219 11,708 8,772 1,899 3,415 3,415 62 503 1,591 (3,626) (3,020) (3,411) 0 0 0 0 0 0 22,554 12,607 10,366 (5,705) (2,798) (2,384) (775) (1,107) (901) 0 0 0 16,073 8,702 7,081 32,696 22,389 21,021 32.9 15.0 (1.0) 36.8 (31.5) (6.1) 62.5 (51.7) (25.1) 53.1 (45.9) (18.6) 26.6 13.8 11.7 21.2 8.9 6.7 <td< td=""><td>2021A 2022A 2023F 2024F 114,491 131,699 130,355 133,692 (84,038) (113,460) (115,118) (115,303) 30,453 18,239 15,236 18,389 (6,234) (6,531) (6,465) (6,630) 24,219 11,708 8,772 11,759 1,899 3,415 3,415 2,415 62 503 1,591 1,591 (3,626) (3,020) (3,411) (3,584) 0 0 0 0 0 22,554 12,607 10,366 12,181 (5,705) (2,798) (2,384) (2,802) (775) (1,107) (901) (1,059) 0 0 0 16,073 8,702 7,081 8,321 16,073 8,702 7,081 8,321 32,696 22,389 21,021 22,986 22,986 32.9 15.0 (1.0) 2.6 36.8 (31.5)</td></td<>	2021A 2022A 2023F 2024F 114,491 131,699 130,355 133,692 (84,038) (113,460) (115,118) (115,303) 30,453 18,239 15,236 18,389 (6,234) (6,531) (6,465) (6,630) 24,219 11,708 8,772 11,759 1,899 3,415 3,415 2,415 62 503 1,591 1,591 (3,626) (3,020) (3,411) (3,584) 0 0 0 0 0 22,554 12,607 10,366 12,181 (5,705) (2,798) (2,384) (2,802) (775) (1,107) (901) (1,059) 0 0 0 16,073 8,702 7,081 8,321 16,073 8,702 7,081 8,321 32,696 22,389 21,021 22,986 22,986 32.9 15.0 (1.0) 2.6 36.8 (31.5)



Balance Sheet (RMB m)

D/ Dec	2021A	2022A	2023F	2024F	2025F
FY Dec	202 IA	2022A	2023F	2024F	2025F
Net Fixed Assets	63,442	68,060	69,817	69,596	69,396
Invts in Associates & IVs	6,065	10,297	10,297	10,297	10,297
Other LT Assets	15,386	19,817	19,817	19,817	19,817
Cash & ST Invts	50,851	29,105	30,171	41,117	47,069
Inventory	22,705	37,268	29,962	26,851	26,746
Debtors	29,972	20,235	26,123	26,534	26,822
Other Current Assets	0	960	960	960	960
Total Assets	188,421	185,742	187,146	195,172	201,107
ST Debt	24,610	39,041	37,479	37,479	37,479
Creditors	30,215	27,268	26,550	29,732	29,663
Other Current Liab	8,242	5,064	5,064	5,064	5,064
LT Debt	24,916	10,955	10,517	10,517	10,517
Other LT Liabilities	8,000	7,108	7,108	7,108	7,108
Shareholder's Equity	81,308	84,499	87,721	91,507	96,198
Minority Interests	11,131	11,807	12,708	13,766	15,078
Total Cap. & Liab.	188,421	185,742	187,146	195,172	201,107
Non-Cash Wkg. Capital	14,220	26,131	25,431	19,550	19,801
Net Cash/(Debt)	1,326	(20,891)	(17,825)	(6,879)	(927)
Debtors Turn (avg days)	61.7	14.1	36.8	44.4	44.6
Creditors Turn (avg days)	67.0	48.0	42.1	47.1	47.1
Inventory Turn (avg days)	92.1	96.5	95.0	85.0	85.0
Asset Turnover (x)	0.6	0.7	0.7	0.7	0.7
Current Ratio (x)	1.6	1.2	1.3	1.3	1.4
Quick Ratio (x)	1.3	0.7	0.8	0.9	1.0
Net Debt/Equity (X)	CASH	0.2	0.2	0.1	0.0
Net Debt/Equity ex MI (X)	CASH	0.2	0.2	0.1	0.0
Capex to Debt (%)	12.1	17.7	18.8	14.6	14.6
Z-Score (X)	1.7	1.7	1.7	NA	NA
Source: Company, DBS HK	,	,	,		
1 3,					

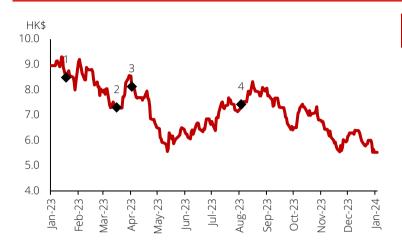
Cash Flow Statement (RMB m)

Cash Flow Statement (RMI	3 m)				
FY Dec	2021A	2022A	2023F	2024F	2025F
Pre-Tax Profit	22,554	12,607	10,366	12,181	15,093
Dep. & Amort.	6,516	6,763	7,244	7,221	7,200
Tax Paid	(5,001)	(6,148)	(2,384)	(2,802)	(3,471)
Assoc. & IV Inc/(loss)	0	0	0	0	0
(Pft)/ Loss on disposal of FAs	0	0	0	0	0
Chg in Wkg.Cap.	376	(8,660)	700	5,881	(251)
Other Operating CF	4,204	3,060	0	0	0
Net Operating CF	28,650	7,622	15,925	22,481	18,571
Capital Exp.(net)	(5,999)	(8,848)	(9,000)	(7,000)	(7,000)
Other Invts.(net)	(454)	(1,045)	0	0	0
Invts in Assoc. & JV	0	0	0	0	0
Div from Assoc & JV	0	0	0	0	0
Other Investing CF	990	(6,879)	0	0	0
Net Investing CF	(5,463)	(16,773)	(9,000)	(7,000)	(7,000)
Div Paid	(7,288)	(9,023)	(3,859)	(4,535)	(5,619)
Chg in Gross Debt	(24,918)	(11,889)	(2,000)	0	0
Capital Issues	0	0	0	0	0
Other Financing CF	12,809	8,122	0	0	0
Net Financing CF	(19,396)	(12,790)	(5,859)	(4,535)	(5,619)
Currency Adjustments	0	0	0	0	0
Chg in Cash	3,790	(21,941)	1,066	10,946	5,952
Opg CFPS (RMB)	3.12	1.75	1.64	1.79	2.02
Free CFPS (RMB)	2.50	(0.13)	0.74	1.66	1.24
Source: Company, DBS HK					





Target Price & Ratings 12-mth History



S.No.	Date	Closing	Target	Rating
		Price	Price	
1	6-Feb-23	HK\$8.88	HK\$8.50	HOLD
2	4-Apr-23	HK\$7.24	HK\$8.00	HOLD
3	21-Apr-23	HK\$8.54	HK\$11.00	BUY
4	22-Aug-23	HK\$7.26	HK\$8.70	BUY

Source: DBS HK
Analyst: Duncan Chan

Live more, Bank less

China Hongqiao Group

DBS HK recommendations are based on an Absolute Total Return* Rating system, defined as follows:

STRONG BUY (>20% total return over the next 3 months, with identifiable share price catalysts within this time frame)

BUY (>15% total return over the next 12 months for small caps, >10% for large caps)

HOLD (-10% to +15% total return over the next 12 months for small caps, -10% to +10% for large caps)

FULLY VALUED (negative total return, i.e., > -10% over the next 12 months)

SELL (negative total return of > -20% over the next 3 months, with identifiable share price catalysts within this time frame)

*Share price appreciation + dividends

Completed Date: 24 Jan 2024 09:29:38 (HKT) Dissemination Date: 24 Jan 2024 10:38:01 (HKT)

Sources for all charts and tables are DBS HK unless otherwise specified.

GENERAL DISCLOSURE/DISCLAIMER

This report is prepared by DBS Bank (Hong Kong) Limited ("DBS HK"). This report is solely intended for the clients of DBS Bank Ltd., DBS HK, DBS Vickers (Hong Kong) Limited ("DBSV HK"), and DBS Vickers Securities (Singapore) Pte Ltd. ("DBSVS"), its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBS HK.

The research set out in this report is based on information obtained from sources believed to be reliable, but we (which collectively refers to DBS Bank Ltd., DBS HK, DBSVS, its respective connected and associated corporations, affiliates and their respective directors, officers, employees and agents (collectively, the "DBS Group") have not conducted due diligence on any of the companies, verified any information or sources or taken into account any other factors which we may consider to be relevant or appropriate in preparing the research. Accordingly, we do not make any representation or warranty as to the accuracy, completeness or correctness of the research set out in this report. Opinions expressed are subject to change without notice. This research is prepared for general circulation. Any recommendation contained in this document does not have regard to the specific investment objectives, financial situation and the particular needs of any specific addressee. This document is for the information of addressees only and is not to be taken in substitution for the exercise of judgement by addressees, who should obtain separate independent legal or financial advice. The DBS Group accepts no liability whatsoever for any direct, indirect and/or consequential loss (including any claims for loss of profit) arising from any use of and/or reliance upon this document and/or further communication given in relation to this document. This document is not to be construed as an offer or a solicitation of an offer to buy or sell any securities. The DBS Group, along with its affiliates and/or persons associated with any of them may from time to time have interests in the securities mentioned in this document. The DBS Group, may have positions in, and may effect transactions in securities mentioned herein and may also perform or seek to perform broking, investment banking and other banking services for these companies.

Any valuations, opinions, estimates, forecasts, ratings or risk assessments herein constitutes a judgment as of the date of this report, and there can be no assurance that future results or events will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments. The information in this document is subject to change without notice, its accuracy is not guaranteed, it may be incomplete or condensed, it may not contain all material information concerning the company (or companies) referred to in this report and the DBS Group is under no obligation to update the information in this report.

This publication has not been reviewed or authorized by any regulatory authority in Singapore, Hong Kong or elsewhere. There is no planned schedule or frequency for updating research publication relating to any issuer.

The valuations, opinions, estimates, forecasts, ratings or risk assessments described in this report were based upon a number of estimates and assumptions and are inherently subject to significant uncertainties and contingencies. It can be expected that one or more of the estimates on which the valuations, opinions, estimates, forecasts, ratings or risk assessments were based will not materialize or will vary significantly from actual results. Therefore, the inclusion of the valuations, opinions, estimates, forecasts, ratings or risk assessments described herein IS NOT TO BE RELIED UPON as a representation and/or warranty by the DBS Group (and/or any persons associated with the aforesaid entities), that:

- (a) such valuations, opinions, estimates, forecasts, ratings or risk assessments or their underlying assumptions will be achieved, and
- (b) there is any assurance that future results or events will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments stated therein.

Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets. Any assumptions made in this report that refers to commodities, are for the purposes of making forecasts for the company (or companies) mentioned herein. They are not to be construed as recommendations to trade in the physical commodity or in the futures contract relating to the commodity referred to in this report.

DBS Vickers Securities (USA) Inc ("DBSVUSA"), a US-registered broker-dealer, does not have its own investment banking or research department, has not participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction in the past twelve months and does not engage in market-making.



ANALYST CERTIFICATION

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible for the content of this research report, in part or in whole, certifies that he or his associate does not serve as an officer of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant) and the research analyst(s) primarily responsible for the content of this research report or his associate does not have financial interests in relation to an issuer or a new listing applicant that the analyst reviews. DBS Group has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the DBS Group and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of DBS Group's compensation to any specific investment banking function of the DBS Group.

COMPANY-SPECIFIC / REGULATORY DISCLOSURES

 DBS Bank Ltd, DBS HK, DBSVS or their subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of 18 Jan 2024.

2. Compensation for investment banking services:

DBSVUSA does not have its own investment banking or research department, nor has it participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction in the past twelve months. Any US persons wishing to obtain further information, including any clarification on disclosures in this disclaimer, or to effect a transaction in any security discussed in this document should contact DBSVUSA exclusively.

Disclosure of previous investment recommendation produced:

DBS Bank Ltd, DBSVS, DBS HK, their subsidiaries and/or other affiliates of DBSVUSA may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed on page 1 of this report to view previous investment recommendations published by DBS Bank Ltd, DBS HK, DBSVS, their subsidiaries and/or other affiliates of DBSVUSA in the preceding 12 months.

¹ An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

² Financial interest is defined as interests that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.



RESTRICTIONS ON DISTRIBUTION

	DISTRIBUTION This was not in such discounted to an interest of the distribution to a country of the discounted in a civile of the distribution to a country of the discounted in a civile of the distribution to a country of the discounted in a civile of the distribution to a country of the discounted in a civile of the distribution to a country of the discounted in a civile of the distribution to a country of the discounted in a civile of the distribution to a country of the discounted in a civile of the distribution to a country of the discounted in a civile of the distribution to a country of the discounted in a civile of the distribution to a country of the discounted in a civile of the
General	This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.
Australia	This report is being distributed in Australia by DBS Bank Ltd, DBSVS or DBSV HK. DBS Bank Ltd holds Australian Financial Services Licence no. 475946.
	DBS Bank Ltd, DBSVS and DBSV HK are exempted from the requirement to hold an Australian Financial Services Licence under the Corporation Act 2001 ("CA") in respect of financial services provided to the recipients. Both DBS Bank Ltd and DBSVS are regulated by the Monetary Authority of Singapore under the laws of Singapore, and DBSV HK is regulated by the Hong Kong Securities and Futures Commission under the laws of Hong Kong, which differ from Australian laws.
	Distribution of this report is intended only for "wholesale investors" within the meaning of the CA.
Hong Kong	This report is being distributed in Hong Kong by DBS Bank Ltd, DBS Bank (Hong Kong) Limited and DBS Vickers (Hong Kong) Limited, all of which are registered with or licensed by the Hong Kong Securities and Futures Commission to carry out the regulated activity of advising on securities. DBS Bank Ltd., Hong Kong Branch is a limited liability company incorporated in Singapore.
	For any query regarding the materials herein, please contact Dennis Lam (Reg No. AH 8290) at dbsvhk@dbs.com.
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.
Malaysia	This report is distributed in Malaysia by AllianceDBS Research Sdn Bhd ("ADBSR"). Recipients of this report, received from ADBSR are to contact the undersigned at 603-2604 3333 in respect of any matters arising from or in connection with this report. In addition to the General Disclosure/Disclaimer found at the preceding page, recipients of this report are advised that ADBSR (the preparer of this report), its holding company Alliance Investment Bank Berhad, their respective connected and associated corporations, affiliates, their directors, officers, employees, agents and parties related or associated with any of them may have positions in, and may effect transactions in the securities mentioned herein and may also perform or seek to perform broking, investment banking/corporate advisory and other services for the subject companies. They may also have received compensation and/or seek to obtain compensation for broking, investment banking/corporate advisory and other services from the subject companies.
	CANA CANA
	Wasse Miss Tall For parties Diseases ADDCD
Singapore	Wong Ming Tek, Executive Director, ADBSR This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 196800306E) or DBSVS (Company Regn No. 198600294G), both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an arrangement under Regulation 32C of the Financial Advisers Regulations. Where the report is distributed in Singapore to a person who is not an Accredited Investor, Expert Investor or an Institutional Investor, DBS Bank Ltd accepts legal responsibility for the contents of the report to such persons only to the extent required by law. Singapore recipients should contact DBS Bank Ltd at 6878 8888 for matters arising from, or in connection with the report.
Thailand	This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.
	For any query regarding the materials herein, please contact [Chanpen Sirithanarattanakul] at [research@th.dbs.com]
United Kingdom	This report is produced by DBS HK which is regulated by the Hong Kong Monetary Authority
	This report is disseminated in the United Kingdom by DBS Bank Ltd, London Branch ("DBS UK"). DBS Bank Ltd is regulated by the Monetary Authority of Singapore. DBS UK is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from us on request.
	In respect of the United Kingdom, this report is solely intended for the clients of DBS UK, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBS UK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this communication.



Dubai International Financial Centre

This communication is provided to you as a Professional Client or Market Counterparty as defined in the DFSA Rulebook Conduct of Business Module (the "COB Module"), and should not be relied upon or acted on by any person which does not meet the criteria to be classified as a Professional Client or Market Counterparty under the DFSA rules.

This communication is from the branch of DBS Bank Ltd operating in the Dubai International Financial Centre (the "DIFC") under the trading name "DBS Bank Ltd. (DIFC Branch)" ("DBS DIFC"), registered with the DIFC Registrar of Companies under number 156 and having its registered office at units 608 - 610, 6th Floor, Gate Precinct Building 5, PO Box 506538, DIFC, Dubai, United Arab Emirates.

DBS DIFC is regulated by the Dubai Financial Services Authority (the "DFSA") with a DFSA reference number F000164. For more information on DBS DIFC and its affiliates, please see http://www.dbs.com/ae/our--network/default.page.

Where this communication contains a research report, this research report is prepared by the entity referred to therein, which may be DBS Bank Ltd or a third party, and is provided to you by DBS DIFC. The research report has not been reviewed or authorised by the DFSA. Such research report is distributed on the express understanding that, whilst the information contained within is believed to be reliable, the information has not been independently verified by DBS DIFC.

Unless otherwise indicated, this communication does not constitute an "Offer of Securities to the Public" as defined under Article 12 of the Markets Law (DIFC Law No.1 of 2012) or an "Offer of a Unit of a Fund" as defined under Article 19(2) of the Collective Investment Law (DIFC Law No.2 of 2010).

The DFSA has no responsibility for reviewing or verifying this communication or any associated documents in connection with this investment and it is not subject to any form of regulation or approval by the DFSA. Accordingly, the DFSA has not approved this communication or any other associated documents in connection with this investment nor taken any steps to verify the information set out in this communication or any associated documents, and has no responsibility for them. The DFSA has not assessed the suitability of any investments to which the communication relates and, in respect of any Islamic investments (or other investments identified to be Shari'a compliant), neither we nor the DFSA has determined whether they are Shari'a compliant in any way.

Any investments which this communication relates to may be illiquid and/or subject to restrictions on their resale. Prospective purchasers should conduct their own due diligence on any investments. If you do not understand the contents of this document you should consult an authorised financial adviser.

United States

This report was prepared by DBS HK. DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.

Other jurisdictions

In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

DBS Bank (Hong Kong) Limited

13 th Floor One Island East, 18 Westlands Road, Quarry Bay, Hong Kong Tel: (852) 3668-4181, Fax: (852) 2521-1812



DBS Regional Research Offices

HONG KONG DBS Bank (Hong Kong) Ltd Contact: Dennis Lam

13th Floor One Island East, 18 Westlands Road, Quarry Bay, Hong Kong

Tel: 852 3668 4181 Fax: 852 2521 1812 e-mail: dbsvhk@dbs.com

THAILAND DBS Vickers Securities (Thailand) Co Ltd Contact: Chanpen Sirithanarattanakul

989 Siam Piwat Tower Building, 9th, 14th-15th Floor Rama 1 Road, Pathumwan, Bangkok Thailand 10330 Tel. 66 2 857 7831 Fax: 66 2 658 1269

e-mail: research@th.dbs.com Company Regn. No 0105539127012 Securities and Exchange Commission, Thailand SINGAPORE DBS Bank Ltd Contact: Andy Sim

12 Marina Boulevard, Marina Bay Financial Centre Tower 3 Singapore 018982 Tel: 65 6878 8888 e-mail: groupresearch@dbs.com Company Regn. No. 196800306E INDONESIA

PT DBS Vickers Sekuritas (Indonesia) Contact: Maynard Priajaya Arif

DBS Bank Tower Ciputra World 1, 32/F Jl. Prof. Dr. Satrio Kav. 3-5 Jakarta 12940, Indonesia Tel: 62 21 3003 4900 Fax: 6221 3003 4943

e-mail: indonesiaresearch@dbs.com