

招商银行全资附属机构A Wholly Owned Subsidiary Of China Merchants Ban

China Hongqiao (1378 HK)

Attractive valuation with high dividend yield

China Hongqiao announced its FY21 full-year results. Top-line rose by 33% YoY to RMB114.5bn (2H21 +34% YoY) while bottom-line increased by 53% YoY to RMB16.1bn (2H21 +4% YoY). The Company declared a final dividend of HK\$0.6 per share, achieving a record high of 50% payout ratio. We believe that China's aluminum industry will benefit from the post-COVID-19 recovery supported by proactive macro policy and limited new capacity released in 2022E. We expect the aluminum price will be lingering at a high level throughout the year. We resume coverage on the Company with a BUY rating and set TP at HK\$15.3 (based on 6.0x 2022E P/E) with 43.7% upside. The implied dividend yield reached 12.1% given current price, which is deemed to be very attractive in the volatile market environment.

- The Company posed excellent performance in 2021. In 2021, China aluminum industry continued to exercise the supply-side structural reform together with short-term restrictions on electricity and energy consumption. As a result, the average price of SHFE three-month aluminum futures was approximately RMB18,898/tonne (including VAT) in 2021, an increase of 37.3% YoY. In 2021, benefiting from rising aluminum prices and sustainable cost advantage, CHQ achieved a full-year gross profit margin of 26.6% (2H21 23.7%), +4.1ppt YoY. The Company's S&D expense ratio remained stable at 0.5% while the administrative expense ratio was up by 0.28ppt to 4.99% due to 1) an increase in the maintenance expense and 2) an increase in R&D expense. The Company successfully reduced its debt ratio by 6.8ppt to 50.9% in 2021, resulting in a 19.5% YoY drop of financial expenses to RMB3.6mn. The Company's net profit was recorded at RMB16.1mn with an NPM of 14.0%, +1.9ppt YoY in 2021.
- Rising aluminum prices in 2022E among global and domestic inflation. Affected by the conflict in Russia and Ukraine, the rising cost of natural gas has led to high production costs for overseas aluminum manufacturers. LME monthly aluminum price has risen by 28% YTD. For China market, we observed the slower-than-expected production capacity resumption of electrolytic aluminum which was disrupted by local energy restriction in 2H21. In addition, the Omicron variant has caused a new round of production suspension. However, the steady growth of domestic demand is still backed by pro-growth policy and strong demand for NEV. As a result, the de-inventory process has happened in early Mar 2022 and we expect the aluminum prices to remain at a high level throughout the year. Obviously, CHQ will continue to enjoy the high price environment.

Earnings Summary

<u> </u>					
(YE 31 Dec)	FY20A	FY21A	FY22E	FY23E	FY24E
Revenue (RMB mn)	86,145	114,491	117,054	118,479	120,747
YoY (%)	2.33	32.91	2.24	1.22	1.91
Net Income (RMB mn)	10,496	16,073	19,254	20,590	22,669
EPS (RMB)	1.22	1.77	2.11	2.26	2.49
EPS CHG (%)	72.3	45.1	19.1	6.9	10.1
Consensus EPS (RMB)	1.12	1.60	2.21	2.24	2.36
PE (x)	7.2	4.9	4.1	3.9	3.5
PB (x)	0.80	0.72	0.63	0.56	0.50
Yield (%)	6.12	9.9	12.1	12.9	14.2
ROE (%)	15.2	19.9	20.8	19.8	19.5
Net gearing (%)	39.7	7.7	Net cash	Net cash	Net cash
O O		NA (' 1			

Source: Company data, Bloomberg, CMBIGM estimates

BUY (Resume)

Target Price HK\$15.3 Up/Downside +43.7% Current Price HK\$10.6

China Aluminum Sector

Jack Bai, CFA (852) 3900 0835 jackbai@cmbi.com.hk

Stock Data

Mkt Cap (HK\$ mn)	98,280
Avg 3 mths t/o (HK\$ mn)	206.51
52w High/Low (HK\$)	11.9/6.88
Equity share – 1378.HK	9,254
0 147: 1	

Source: Wind

Shareholding Structure

Hongqiao Holdings	66.62%
CITIC Group	11.48%
Source: HKEy Bloomberg	

Share Performance

	Absolute	Relative
1-mth	-2.2%	2.4%
3-mth	27.5%	36.9%
6-mth	8.7%	22.8%

Source: Wind

12-mth Price Performance



Source: Wind

Auditor: Shinewing (HK)



- We expect CHQ to enlarge advantages on production capacity and cost structure. The second phase of the alumina project in Indonesia has been put into production by the end of 2021, further expanding its advantage on alumina capacity. Meanwhile, CHQ continues the process of inter-location capacity replacement which will make full use of the electricity price advantage in Yunnan and bring incremental profit through cost-saving. In addition, the Phase I project, operated by the JV of CHQ and Chiho Group (976 HK), has been put into production at the end of 2021 and is expected to achieve a full ramp-up in 2022E (50,000 vehicles recycling and 200,000 tons of recycled aluminum). We believe CHQ can not only obtain corresponding profits through this project but also gain know-how and first-mover advantages in the recycled aluminum and automobile recycling sector.
- We believe that CHQ has potential to further reduce its debt ratio. Benefiting from its bottom-line performance and strong operation efficiency, the Company achieved an operating cash inflow of RMB28.7bn in 2021, the largest since 2018, further improving its financial conditions. Fully taking advantage of the domestic credit cycle, CHQ has newly issued a total of RMB2.0bn domestic short-/medium-term bonds in 2021 with a lower interest rate, further reducing its weighted average interest rate. We expect CHQ to take advantage of the high aluminum price environment and will use its strong operating cash flow to further reduce its debt level, which thereby cut back the financial expenses.
- Attractive valuation with high dividend yield. We believe that the market has not yet priced in the upward momentum of aluminum prices throughout 2022E, and therefore underestimated the profitability of the overall industry and CHQ. We forecast the Company to achieve a net profit of RMB19.3bn in 2022E, +19.7% YoY. In addition, we believe the Company will stick to the high payout strategy with 12.1% of dividend yield in 2022E at the current price. At the same time, we believe in the early period of the Fed tightening cycle, the resource sector and value names are expected to outperform driven by the sentiment switch. The Company is currently trading at 4.1x 2022E with limited downside risk. We believe CHQ has the upside potential to reach a Davis double-killing in the next 12 months. We resume coverage on CHQ with a TP of HK\$15.3 (based on 6.0x 2022E P/E).



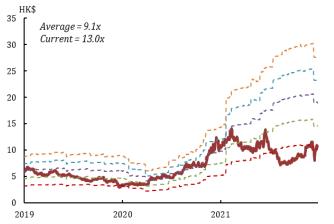
Earning Summary

Figure 1: Financial summary

YE Dec-31 (RMB, mn)	1H20	2H20	FY20	1H21	2H21	FY21	1H21 YoY	2H21 YoY	FY21 YoY	2H21E	Act vs. Est.
Revenue	39,939	46,206	86,145	52,481	62,010	114,491	31.4%	34.2%	32.9%	55,702	11.3%
Aluminum products	29,042	34,215	63,257	38,356	45,957	84,313	32.1%	34.3%	33.3%	42,946	n/a
Aluminum fabrication	4,134	4,647	8,781	5,779	6,745	12,524	39.8%	45.1%	42.6%	7,282	n/a
Alumina	6,391	7,095	13,487	7,921	9,046	16,967	23.9%	27.5%	25.8%	5,238	n/a
Steam	370	249	619	424	263	687	14.5%	5.6%	10.9%	236	n/a
					18.5%					0	
Costs of good sold	(33,470)	(33,319)	(66,789)	(36,745)	(47,293)	(84,038)	9.8%	41.9%	25.8%	(38,814)	21.8%
Gross profit	6,468	12,887	19,355	15,736	14,717	30,453	143.3%	14.2%	57.3%	16,887	-12.9%
Gross profit margin	16.2%	27.9%	22.5%	30.0%	23.7%	26.6%	13.8ppt	-4.2ppt	4.1ppt	30.3%	-0.3ppt
Other income and gains	1,076	1,625	2,701	1,506	2,201	3,707	40.0%	35.4%	37.2%	1,345	63.6%
Selling and distribution expenses	(153)	(247)	(400)	(260)	(265)	(526)	70.7%	7.3%	31.5%	(281)	-5.4%
Administrative expenses	(1,858)	(2,194)	(4,052)	(2,552)	(3,157)	(5,708)	37.3%	43.9%	40.9%	(2,100)	50.3%
Other expenses	(362)	(254)	(617)	(104)	(1,586)	(1,691)	-71.3%	524.1%	174.2%	(258)	514.6%
Finance costs	(2,211)	(2,295)	(4,506)	(1,890)	(1,736)	(3,626)	-14.5%	-24.3%	-19.5%	(2,055)	-15.5%
Change in fair value	86	(377)	(291)	(1,166)	1,049	(117)	-1452.6%	-377.9%	-59.9%	(34)	-3141.6%
Share of profits of associates	354	160	515	12	50	62	-96.7%	-68.9%	-88.0%	352	-85.8%
Loss on disposal of a subsidiary	-	-	-	(5)	5	-	n/a	n/a	n/a	5	0.0%
Profit before tax	3,400	9,304	12,704	11,277	11,277	22,554	231.7%	21.2%	77.5%	13,862	-18.6%
Income tax	(596)	(1,664)	(2,260)	(2,853)	(2,852)	(5,705)	379.0%	71.4%	152.5%	(3,432)	-16.9%
effective tax rate	17.5%	17.9%	17.8%	25.3%	25.3%	25.3%	7.8ppt	7.4ppt	7.5ppt	24.8%	0.5ppt
Profit for the period	2,804	7,640	10,445	8,424	8,425	16,849	200.4%	10.3%	61.3%	10,430	-19.2%
Minority interests	(27)	(24)	(51)	281	494	775	-1127.4%	-2175.5%	-1615.0%	850	-41.9%
Net profit	2,832	7,664	10,496	8,143	7,931	16,073	187.5%	3.5%	53.1%	9,580	-17.2%
Net profit margin	7.1%	16.6%	12.2%	15.5%	12.8%	14.0%	8.4ppt	-3.8ppt	1.9ppt	17.2%	-4.4ppt
Source: Company data CMBIC			/0	.0.070	070		OPP.	C.Oppt		/0	

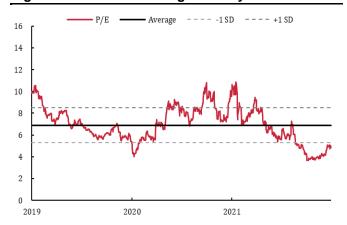
Source: Company data, CMBIGM estimates

Figure 2: PE Chart



Source: Company data, CMBIGM

Figure 3: PE band – trading below 3yr av minus 1sd

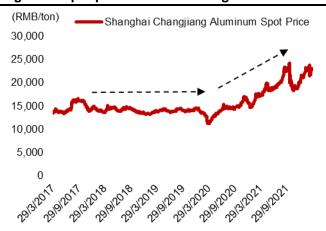


Source: Company data, CMBIGM



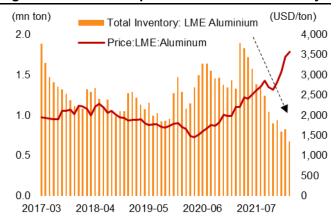
Focus chart

Figure 4: Spot price remained at higher level



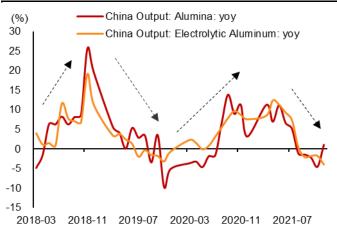
Source: Wind, CMBIGM

Figure 5: Global alum price hike with low inventory



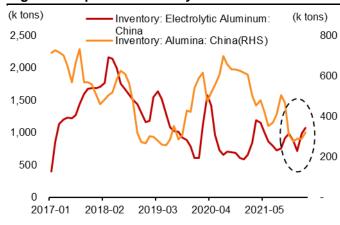
Source: Wind, CMBIGM

Figure 6: China output: supply-side reform continues



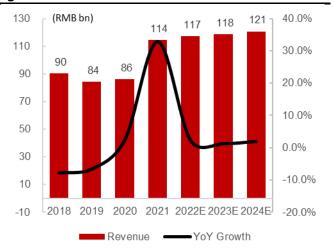
Source: Wind, CMBIGM

Figure 7: Expect re-inventory in 2022E



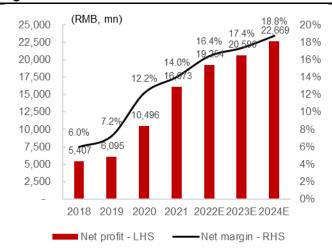
Source: Wind, CMBIGM

Figure 8: Revenue forecast



Source: Company data, CMBIGM estimates

Figure 9: Bottom-line forecast



Source: Company data, CMBIGM estimates



Figure 10: Our key assumptions and projections

	2020	2021	2022E	2023E	2024E
Aluminum product					
Production (k tonnes)	5,622	5,633	5,800	6,200	6,460
Sales (k tonnes)	5,060	5,020	5,207	5,756	6,187
Sales to production rate	90%	89%	90%	93%	96%
ASP (RMB/t, VAT excl.)	12,501	16,600	17,483	15,717	14,569
Revenue (RMB mn)	63,257	84,313	81,935	84,132	86,540
Aluminum fabrication					
Production (k tonnes)	622	672	739	813	877
Sales (k tonnes)	601	659	724	797	877
Sales to production rate	98%	98%	98%	98%	98%
ASP (RMB/t, VAT excl.)	14,877	19,090	20,106	18,075	17,337
Revenue (RMB mn)	8,781	12,524	14,862	14,697	15,507
Aluimina					
Production (k tonnes)	14,650	14,650	15,400	15,650	15,650
Sales (k tonnes)	6,734	7,163	7,521	7,672	7,672
ASP (RMB/t, VAT excl.)	2,078	2,124	2,212	2,168	2,124
Revenue (RMB mn)	13,487	16,967	19,597	18,989	18,040
Internal consumption(k tonnes)	9,715	9,638	9,998	11,051	11,880
External procurement(k tonnes)	828	1,188	1,119	1,967	2,713
Self-sufficiency rate	90.0%	90.0%	90.0%	90.0%	90.0%
Material costs					
Coal costs(RMB/t VAT excl.)	509	664	708	664	575
Blended Bauxite costs (RMB/t VAT excl.)	353	396	385	360	359
Pre-cultured anode (RMB/t, VAT excl.)	2,676	3,163	3,340	2,986	2,986
Aluminum costs structure (RMB/tonne)	9,451	10,651	10,835	10,039	9,360
Electricity costs	3,814	4,557	4,625	4,141	3,476
Alumina costs	3,372	3,583	3,601	3,446	3,418
Pre-cultured anode	1,285	1,518	1,603	1,433	1,433
Others	981	994	1,006	1,019	1,032

Source: Company data, CMBIGM estimates



Financial Summary

Income statement	me statement					Cash flow Summary					
YE 31 Dec (RMB mn)	FY20A	FY21A	FY22E	FY23E	FY24E	YE 31 Dec (RMB mn)	FY20A	FY21A	FY22E	FY23E	FY24E
Revenue	86,145	114,491	117,054	118,479	120,747	Profit before tax	12,704	22,554	27,023	28,898	31,816
Aluminum products	63,257	84,313	81,935	84,132	86,540	Interest payment	4,506	3,656	2,838	2,412	2,162
Aluminum fabrication	8,781	12,524	14,862	14,697	15,507	DD&A	7,565	7,743	7,954	8,192	8,431
Alumina	13,487	16,967	19,597	18,989	18,040	Change in WC	(5,372)	(176)	(5,232)	1,643	(2,561)
Steam	619	687	661	661	661	Tax adjustments	(2,882)	(5,522)	(8,060)	(7,296)	(8,196)
						Others	1,258	2,457	(2,107)	(3,026)	48
COGS	(66,789)			(85,164)		Net cash from operation	17,779	28,650	22,415	30,824	31,701
Gross profit	19,355	30,453	32,112	33,315	35,568		<i></i>			<i>,</i> ,	
Other leaves and make	0.704	0.707	0.540	0.000	0.700	Capex & investments	(5,921)	(5,895)	(4,829)	(5,886)	(5,918)
Other income and gains	2,701	3,707	3,548	3,608	3,762	Others	(1,053)	(425)	(4.000)	- (F 000)	- (F 040)
S&D expenses	(400)	(526)	(537)	(544)	(554)	Net cash from investment	(6,974)	(5,102)	(4,829)	(5,886)	(5,918)
Admin expenses	(4,052)	(5,708)	(5,619)	(5,450)	(5,192)	Cavity roised	1 007	1 100			
Other expenses	(617)	(1,691)	(412)	(415)	(419)	Equity raised	1,007	1,183	(0,000)	(F 000)	(2,000)
Financial costs	(4,506)	(3,626)	, ,			Change of Debts	, ,	(18,195	(8,000)	(5,000)	(2,000)
Change in fair value	(291)	(117) 62	130 639	130	130 684	Dividend paid	(3,833)	(7,145)	(7,786)	(9,527)	(10,188
Share profits Subsidy disposal loss	515	02	639	666	004	Interest payment Others	(4,506) 4,014	(3,656)	(2,838)	(2,412)	(2,162)
Subsidy disposal loss	-	-	-	-	-	Net cash from financing	,	5,526	1,013	1,084	1,193
Profit Before Tax	12,704	22,554	27.023	28,898	31,816	Net cash from illianding	(7,130)	(19,758	(17,010	(13,633	(13,137
Income tax	(2,260)	(5,705)	(6,756)	(7,225)	(7,954)	Net change in cash	3,655	3,790	(23)	9,083	12,626
moome tax	(2,200)	(0,700)	(0,700)	(1,220)	(1,504)	Cash at beginning	41,857	44,887	48,677	48,654	57,737
Less: Minority Interest	(51)	775	1,013	1,084	1,193	FX change	(625)	- 1,001	-	-	-
Net profit	10,496	16,073	19,254	20,590	22,669	Cash at the end	45,465	49,227	48,654	57,737	70,363
			,	_0,000	,	Less: pledged cash	-	-	-	-	-
						Cash at balance sheet	45,465	49,227	48,654	57,737	70,363
Balance sheet						Key ratios					
YE 31 Dec (RMB mn)	FY20A			FY23E		YE 31 Dec	FY20A	FY21A	FY22E	FY23E	FY24E
Non-current Assets	84,097	84,892	,	80,844	,	Sales mix (%)					_, _,
Fixed Assets	64,750	63,442	60,112	•	53,547	Aluminum products	73.4%	73.6%	70.0%	71.0%	71.7%
Right-of-use assets	5,647	5,718	5,750	5,950	6,150	Aluminum fabrication	10.2%	10.9%	12.7%	12.4%	12.8%
Interests in associates	6,681	6,065	6,245	6,911	7,595	Alumina	15.7%	14.8%	16.7%	16.0%	14.9%
Others	7,019	9,667	10,941	11,041	11,384	Steam Total	0.7%	0.6% 100.0%	0.6%	0.6%	0.5%
Current Assets	97 434	103 528	108 947	119,786	133 827	TOtal	100.0%	100.0%	100.0%	100.0%	100.0%
Cash and cash	45,465	49,227	•	,	,	P&L ratios (%)					
Trade and bills	19,493	19,203	22,826	23,103	•	Gross profit margin	22.5	26.6	27.4	28.1	29.5
Prepayments	9,126	10,768	12,876	11,848	11,471	Operating margin	20.0	22.9	25.5	26.4	28.1
Inventories	19,718	22,705		25,549	28,109	Net margin	12.2	14.0	16.4	17.4	18.8
Others	3,631		1,657		339	Effective tax rate	17.8	25.3	25.0	25.0	25.0
C	0,00.	.,02	.,00.	.,0.0	000	=ouro tax rate			20.0	20.0	20.0
Current Liabilities	73,351	61,158	56,268	41,204	40,338	Balance sheet ratios					
Account Payables	13,377	18,735	16,989	17,033	17,036	Current ratio (x)	1.33	1.64	1.92	2.87	3.31
Other payables	12,106	11,480	12,741	15,329	15,332	Inventory turnover days	114.5	101.1	98.1	103.9	115.0
ST borrowings	45,577	26,120	21,686	3,961	3,059	Creditor's turnover	86.7	61.7	65.5	70.7	70.5
Others	2,291	4,823	4,852	4,881	4,911	Debtors turnover days	87.0	76.5	76.8	72.9	73.0
						Liabilities/Assets (%)	57.7	50.9	45.5	42.0	38.5
Non-Current Liabilities	30,163	31,284	30,809	42,362	41,426	Net gearing ratio (%)	39.7	7.7	NC	NC	NC
LT borrowings	28,131	29,393	28,346	39,812							
Derivative component of CB	550	241	253	266	279	Returns (%)					
Deferred income	582	835	877	921	967	ROE	14.7	19.8	20.8	19.8	19.5
Others	900	814	1,332	1,362	1,466	ROA	5.8	8.5	10.1	10.3	10.7
Total net assets	76,802	02 420	104 049	117,065	120 720	Per share					
Minority Interests	5,606	92,439	•	13,228	•	EPS (RMB)	1.22	1.77	2.11	2.26	2.49
Shareholder's equity	71,196	•	•	13,228	•	DPS (HK\$)		1.77	1.28	1.37	2.49 1.51
onarcholder a equity	71,190	01,300	32,114	103,037	110,310	BVPS (RMB)	0.65 8.02	8.91	10.17	11.38	1.51
						DALO (KIND)	0.02	0.91	10.17	11.36	12.70

Source: Company data, CMBIGM estimates



Disclosures & Disclaimers

Analyst Certification

The research analyst who is primary responsible for the content of this research report, in whole or in part, certifies that with respect to the securities or issuer that the analyst covered in this report: (1) all of the views expressed accurately reflect his or her personal views about the subject securities or issuer; and (2) no part of his or her compensation was, is, or will be, directly or indirectly, related to the specific views expressed by that analyst in this report.

Besides, the analyst confirms that neither the analyst nor his/her associates (as defined in the code of conduct issued by The Hong Kong Securities and Futures Commission) (1) have dealt in or traded in the stock(s) covered in this research report within 30 calendar days prior to the date of issue of this report; (2) will deal in or trade in the stock(s) covered in this research report 3 business days after the date of issue of this report; (3) serve as an officer of any of the Hong Kong listed companies covered in this report; and (4) have any financial interests in the Hong Kong listed companies covered in this report.

CMBIGM or its affiliate(s) have investment banking relationship with the issuers covered in this report in preceding 12 months.

CMBIGM Ratings

BUY
Stock with potential return of over 15% over next 12 months
SELL
Stock with potential return of +15% to -10% over next 12 months
SELL
Stock with potential loss of over 10% over next 12 months

NOT RATED : Stock is not rated by CMBIGM

OUTPERFORM : Industry expected to outperform the relevant broad market benchmark over next 12 months

MARKET-PERFORM : Industry expected to perform in-line with the relevant broad market benchmark over next 12 months

UNDERPERFORM : Industry expected to underperform the relevant broad market benchmark over next 12 months

CMB International Global Markets Limited

Address: 45/F, Champion Tower, 3 Garden Road, Hong Kong, Tel: (852) 3900 0888 Fax: (852) 3900 0800

CMB International Global Markets Limited ("CMBIGM") is a wholly owned subsidiary of CMB International Capital Corporation Limited (a wholly owned subsidiary of China Merchants Bank)

Important Disclosures

There are risks involved in transacting in any securities. The information contained in this report may not be suitable for the purposes of all investors. CMBIGM does not provide individually tailored investment advice. This report has been prepared without regard to the individual investment objectives, financial position or special requirements. Past performance has no indication of future performance, and actual events may differ materially from that which is contained in the report. The value of, and returns from, any investments are uncertain and are not guaranteed and may fluctuate as a result of their dependence on the performance of underlying assets or other variable market factors. CMBIGM recommends that investors should independently evaluate particular investments and strategies, and encourages investors to consult with a professional financial advisor in order to make their own investment decisions.

This report or any information contained herein, have been prepared by the CMBIGM, solely for the purpose of supplying information to the clients of CMBIGM or its affiliate(s) to whom it is distributed. This report is not and should not be construed as an offer or solicitation to buy or sell any security or any interest in securities or enter into any transaction. Neither CMBIGM nor any of its affiliates, shareholders, agents, consultants, directors, officers or employees shall be liable for any loss, damage or expense whatsoever, whether direct or consequential, incurred in relying on the information contained in this report. Anyone making use of the information contained in this report does so entirely at their own risk.

The information and contents contained in this report are based on the analyses and interpretations of information believed to be publicly available and reliable. CMBIGM has exerted every effort in its capacity to ensure, but not to guarantee, their accuracy, completeness, timeliness or correctness. CMBIGM provides the information, advices and forecasts on an "AS IS" basis. The information and contents are subject to change without notice. CMBIGM may issue other publications having information and/or conclusions different from this report. These publications reflect different assumption, point-of-view and analytical methods when compiling. CMBIGM may make investment decisions or take proprietary positions that are inconsistent with the recommendations or views in this report.

CMBIGM may have a position, make markets or act as principal or engage in transactions in securities of companies referred to in this report for itself and/or on behalf of its clients from time to time. Investors should assume that CMBIGM does or seeks to have investment banking or other business relationships with the companies in this report. As a result, recipients should be aware that CMBIGM may have a conflict of interest that could affect the objectivity of this report and CMBIGM will not assume any responsibility in respect thereof. This report is for the use of intended recipients only and this publication, may not be reproduced, reprinted, sold, redistributed or published in whole or in part for any purpose without prior written consent of CMBIGM.

Additional information on recommended securities is available upon request.

For recipients of this document in the United Kingdom

This report has been provided only to persons (I)falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended from time to time) ("The Order") or (II) are persons falling within Article 49(2) (a) to (d) ("High Net Worth Companies, Unincorporated Associations, etc..,) of the Order, and may not be provided to any other person without the prior written consent of CMBIGM.

For recipients of this document in the United States

CMBIGM is not a registered broker-dealer in the United States. As a result, CMBIGM is not subject to U.S. rules regarding the preparation of research reports and the independence of research analysts. The research analyst who is primary responsible for the content of this research report is not registered or qualified as a research analyst with the Financial Industry Regulatory Authority ("FINRA"). The analyst is not subject to applicable restrictions under FINRA Rules intended to ensure that the analyst is not affected by potential conflicts of interest that could bear upon the reliability of the research report. This report is intended for distribution in the United States solely to "major US institutional investors", as defined in Rule 15a-6 under the US, Securities Exchange Act of 1934, as amended, and may not be furnished to any other person in the United States. Each major US institutional investor that receives a copy of this report by its acceptance hereof represents and agrees that it shall not distribute or provide this report to any other person. Any U.S. recipient of this report wishing to effect any transaction to buy or sell securities based on the information provided in this report should do so only through a U.S.-registered broker-dealer.

For recipients of this document in Singapore

This report is distributed in Singapore by CMBI (Singapore) Pte. Limited (CMBISG) (Company Regn. No. 201731928D), an Exempt Financial Adviser as defined in the Financial Advisers Act (Cap. 110) of Singapore and regulated by the Monetary Authority of Singapore. CMBISG 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, as defined in the Securities and Futures Act (Cap. 289) of Singapore, CMBISG accepts legal responsibility for the contents of the report to such persons only to the extent required by law. Singapore recipients should contact CMBISG at +65 6350 4400 for matters arising from, or in connection with the report.