

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

Yum China (9987 HK)

Constructive efforts but still under pressure

1Q22 result was a miss, but we still have to give credits to its efforts and outperformance. However, due to uncertain COVID situation in 2Q22E and costs pressure ahead, we tend to be cautious at the moment. Hence we maintain HOLD and cut TP to HK\$ 287.57, based on 25x FY22E P/E, vs 5 years average of 26x.

- 1Q21 result missed, mostly on the costs side. For 1Q21, sales grew by 4% YoY to US\$2.67bn, inline with BBG est., while net profit fell by 57% YoY to US\$100mn, missed BBG est. by 23%. Despite the pandemic, its SSS only fell by 8%, far better than Starbucks China's 23% and we think the miss was mostly due to weaker-than-expected margins, given 1) more promotions to draw traffic, 2) greater commodity inflation, 3) higher-than-expected delivery costs (incl. rider and fuel costs) and 4) operating deleverage (esp. on wages and rental expenses). KFC/ Pizza Hut's restaurant level margin was weak at 15%/ 11%, far below pre-COVID level of 20%/ 13%, but better than 13%/ 0% in 1Q20.
- Excellent efforts so far, but 2Q22E outlook is still highly dependent on COVID-19 situation. YUMC was very agile and implemented many new initiatives, such as: 1) keeping 10-15% stores open and generating 40-50% of pre-lockdown sales in Shanghai, thru a simplified menu and delivery; 2) launching community purchases and new retail, selling ready-to-eat/ heat/ cook packed food (made up 1-2% of sales in FY21 and grew by ~100% in 1Q22). We believe these efforts will become an important driving force when the market recovers. However, we are still cautious about 2Q22E, because 1) SSSG in Apr fell by more than 20% (3,000 stores were affected, vs 1,200 in Mar), 2) many cities are still being affected, like Beijing (dine-in was suspended during 5-1 holidays), Guangzhou, Shenzhen, Suzhou and Tianjin, etc. and 3) business in transportation hubs are still far below water. Management also highlighted, if the outbreak persists, 2Q22E could be loss-making. Moreover, costs pressure and operating deleverage could linger in FY22E.
- FY22E new store opening target maintained and a bigger game plan for Taco Bell. Despite some delays in Mar and Apr 2022, YUMC is still going to open 1,000-1,200 net stores in FY22E (and to spend US\$ 800mn to 1bn capex), as the payback period for KFC/ Pizza Hut are very healthy at 2/3 years. However, the number of stores being revamped could be reduced in FY22E. After signing a new and milestone Master License Agreement with YUM! Brand, Taco Bell will speed up its expansion and open 100 stores in FY22E and at least 225 stores by FY25E.
- Maintain HOLD and cut TP to HK\$ 287.57, based on an unchanged 25x FY22E P/E. We revised down FY22E/23E/24E net profit by 16%/5%/5%, to factor in 1) lower SSSG and 2) greater costs pressure. YUMC is trading at 29x FY22E P/E, not too attractive in our view, given 7% EBIT CAGR in FY21-24E.

Earnings Summary

Earnings Summary					
(YE 31 Dec)	FY20A	FY21A	FY22E	FY23E	FY24E
Revenue (USD mn)	8,263	9,853	10,475	12,069	13,379
YoY growth (%)	(5.8)	19.2	6.3	15.2	10.9
Net income (USD mn)	784	990	654	910	1,093
Diluted EPS (USD)	1.89	2.26	1.48	2.06	2.45
YoY growth (%)	4.5	19.6	(34.4)	38.4	19.4
Consensus EPS (USD)	n/a	n/a	1.58	2.15	2.57
P/E (x)	22.6	18.9	28.8	20.8	17.4
P/B (x)	2.8	2.3	2.2	2.0	1.8
Yield (%)	0.5	1.2	0.9	1.2	1.4
ROE (%)	12.1	12.5	7.8	9.9	10.8
Net gearing (%)	Net cash				

Source: Company data, Bloomberg, CMBIGM estimates

HOLD (Maintain)

Target Price HK\$287.57
(Previous TP HK\$343.43)
Up/Downside -13.3%
Current Price HK\$331.60

China Catering Sector

Walter Woo

(852) 3761 8776 walterwoo@cmbi.com.hk

Stock Data

Mkt Cap (HK\$ mn)	140,497
Avg 3 mths t/o (HK\$ mn)	103.90
52w High/Low (HK\$)	544.00/281.00
Total Issued Shares (mn)	424
Source: Bloomberg	

Shareholding Structure

Primavera Capital	5.7%
BlackRock	7.1%
Invesco	9.0%
Management	0.2%
Free Float	78.0%

Source: HKEx

Share Performance

	Absolute	Relative
1-mth	-2.7%	1.6%
3-mth	-10.0%	1.5%
6-mth	-25.3%	-11.5%
12-mth	-33.2%	-10.2%

Source: Bloomberg

12-mth Price Performance

Source: Bloomberg

Auditor: KPMG



Related Reports

- Yum China (9987 HK, HOLD) Headwinds likely to stay after a weak 4Q21 – 10 Feb 2022
- Yum China (9987 HK, HOLD) Headwinds linger despite faster expansion – 29 Oct 2021
- Yum China (9987 HK, BUY) Guidance was in-line but coffee will accelerate – 24 Sep 2021



Earnings revision

Figure 1: Earnings revision

		New			Old		Diff (%)			
US\$ mn	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	
Revenue	10,475	12,069	13,379	11,269	12,743	14,128	-7.0%	-5.3%	-5.3%	
Gross profit	7,346	8,512	9,445	8,004	9,079	10,075	-8.2%	-6.2%	-6.3%	
Operating Profit	822	1,158	1,395	996	1,224	1,467	-17.4%	-5.4%	-4.9%	
Net profit	654	910	1,093	781	960	1,147	-16.3%	-5.2%	-4.8%	
EPS (US\$ cents)	1.485	2.056	2.454	1.773	2.169	2.576	-16.3%	-5.2%	-4.8%	
Gross margin	70.1%	70.5%	70.6%	71.0%	71.2%	71.3%	-0.9ppt	-0.7ppt	-0.7ppt	
EBIT margin	7.9%	9.6%	10.4%	8.8%	9.6%	10.4%	-1ppt	0ppt	0ppt	
Net profit att. margin	6.2%	7.5%	8.2%	6.9%	7.5%	8.1%	-0.7ppt	0ppt	0ppt	

Source: Company data, CMBIGM estimates

Figure 2: CMBIGM estimates vs consensus

	_	CMBIGM			Consensus		Diff (%)			
US\$ mn	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	
Revenue	10,475	12,069	13,379	10,995	12,423	13,718	-4.7%	-2.8%	-2.5%	
Gross profit	7,346	8,512	9,445	7,812	8,831	9,756	-6.0%	-3.6%	-3.2%	
Operating Profit	822	1,158	1,395	892	1,191	1,365	-7.8%	-2.8%	2.2%	
Net profit	654	910	1,093	708	936	1,097	-7.6%	-2.7%	-0.4%	
EPS (US\$ cents)	1.485	2.056	2.454	1.575	2.145	2.566	-5.7%	-4.2%	-4.4%	
Gross Margin	70.1%	70.5%	70.6%	71.0%	71.1%	71.1%	-0.9ppt	-0.6ppt	-0.5ppt	
Operating Margin	7.9%	9.6%	10.4%	8.1%	9.6%	10.0%	-0.3ppt	0ppt	0.5ppt	
Net Margin	6.2%	7.5%	8.2%	6.4%	7.5%	8.0%	-0.2ppt	0ppt	0.2ppt	

Source: Company data, CMBIGM estimates



Assumptions

Figure 3: CMBIGM' assumptions

Major assumptions	FY20A	FY21A	FY22E	FY23E	FY24E
WEO . II	4.450	4.040	4.004	5.000	5.005
KFC - dine in sales	4,152	4,818	4,894	5,303	5,365
KFC - delivery sales	1,623	2,185	2,841	3,636	4,581
PH - dine in sales	1,146	1,340	1,268	1,468	1,629
PH- delivery sales	642	769	961	1,106	1,216
Others	701	741	511	556	588
Total	8,263	9,853	10,475	12,069	13,379
Sales by segment growth (%)					
KFC - dine in sales	-15.5%	16.0%	1.6%	8.4%	1.2%
KFC - delivery sales	43.7%	34.7%	30.0%	28.0%	26.0%
PH - dine in sales	-25.0%	17.0%	-5.4%	15.8%	10.9%
PH- delivery sales	21.7%	19.8%	25.0%	15.0%	10.0%
Others	2.8%	5.7%	-31.0%	8.6%	5.9%
Total	-5.8%	19.2%	6.3%	15.2%	10.9%
Sales network by brand					
KFC	7,166	8,168	9,008	9,848	10,488
Pizza Hut	2,355	2,590	2,830	3,070	3,310
Others	985	1,030	1,110	1,190	1,270
Total	10,506	11,788	12,948	14,108	15,068
Restaurant profit margin by brand					
KFC	15.8%	14.5%	13.7%	15.7%	16.3%
Pizza hut	10.5%	10.6%	8.5%	10.1%	11.1%
Others	-0.4%	-1.3%	-0.2%	-0.2%	0.4%
Total	14.8%	13.7%	11.9%	13.8%	14.5%
Costs breakdown					
Food and paper/ sales	28.3%	28.5%	29.9%	29.5%	29.4%
Payroll and employee benefits/ sales	20.9%	22.9%	24.3%	24.2%	24.0%
Rental and other operating expenses/ sales	26.9%	27.0%	27.8%	27.0%	27.0%
G & A expenses/ sales	5.8%	5.7%	5.2%	5.2%	5.0%
Franchisees expenses/ sales	7.7%	6.6%	3.9%	3.5%	3.2%
Effective tax rate	26.6%	26.5%	25.5%	25.0%	25.0%
NP att. margin	9.5%	10.0%	6.2%	7.5%	8.2%
NP att. growth (%)	10.0%	26.3%	-34.0%	39.2%	20.0%

Source: Company data, CMBIGM estimates



Valuation

Figure 4: Peers valuation table

Figure 4: Pee	. Varaati	on tabl	12m TP	Price	Up/ Down-	IVIKT Lan		Year P/E		P/B	(x)	ROE (%)	3yrs PEG (x)	Yield (%)
Company	Ticker	Rating	(LC)	(LC)	side	(HK\$mn)	End	FY1E	FY2E	FY1E	FY2E	FY1E		FY1E
Leading Great														
Yum China	9987 HK	HOLD	287.57	331.60	-13%	140,497	Dec-21	28.8	20.8	2.2	2.0	13.8	10.5	0.9
Jiumaojiu	9922 HK	BUY	17.83	16.90	6%	24,563	Dec-21	40.1	24.9	5.6	4.6	11.1	0.8	0.6
Haidilao	6862 HK	BUY	15.59	14.80	5%	82,495	Dec-21	48.7	24.4	7.5	6.0	(45.9)	(0.2)	0.5
Nayuki	2150 HK	HOLD	5.69	4.74	20%	8,130	Dec-21	221.7	21.9	1.5	1.4	n/a	(1.5)	0.0
Helens	9869 HK	NR	n/a	10.60	n/a	13,429	Dec-20	262.5	23.8	4.9	4.1	56.2	n/a	0.1
Tam Jai	2217 HK	NR	n/a	2.95	n/a	3,954	Mar-21	14.3	10.3	2.1	1.8	62.4	1.2	4.3
Cafe De Coral	341 HK	BUY	19.05	12.86	48%	7,532	Mar-21	32.6	19.8	2.4	2.3	9.6	2.7	1.7
Xiabuxiabu	520 HK	NR	n/a	3.18	n/a	3,453	Dec-21	26.2	9.8	1.4	1.3	n/a	(0.1)	1.9
Yihai	1579 HK	BUY	108.52	21.65	401%	22,665	Dec-21	22.2	18.8	4.0	3.4	21.6	1.7	1.3
Gourmet Master	2723 TT	NR	n/a	93.80	n/a	4,487	Dec-21	16.2	13.5	1.4	1.4	10.1	1.8	4.7
							Avg.	71.3	18.8	3.3	2.8	17.4	1.9	1.6
-							Med.	30.7	20.3	2.3	2.2	12.5	1.2	1.1
Other Greater C	hina Caterir	ng												
Tai Hing	6811 HK	NR	n/a	1.27	n/a	1,275	Dec-21	7.9	6.7	1.1	1.1	9.2	0.2	9.4
Ajisen China	538 HK	NR	n/a	1.09	n/a	1,190	Dec-21	n/a	n/a	n/a	n/a	0.7	n/a	n/a
							Avg.	7.9	6.7	n/a	n/a	7.2	n/a	9.4
							Med.	7.9	6.7	n/a	n/a	4.9	n/a	9.4
Greater China C	atering													
							Avg.	65.6	17.7	3.1	2.7	14.0	1.7	2.3
							Med.	28.8	19.8	2.2	2.0	10.6	1.0	1.3
International C	Catering													
Yum! Brands	YUM US	NR	n/a	115.07	n/a	260,294	Dec-21	24.1	20.9	n/a	n/a	n/a	4.2	1.9
Mcdonald'S	MCD US	NR	n/a	245.87	n/a	1,427,184	Dec-21	25.1	22.7	n/a	n/a	n/a	4.8	2.3
Starbucks Corp	SBUX US	NR	n/a	74.33	n/a	669,111	Oct-21	24.0	20.4	n/a	n/a	n/a	4.2	2.6
Rest' Brands	QSR US	NR	n/a	55.16	n/a	196,183	Dec-21	18.6	16.7	9.5	10.0	36.1	1.5	3.9
Chipotle	CMG US	NR	n/a	1447.5	n/a	317,698	Dec-21	45.3	34.1	15.6	12.8	32.3	1.4	0.0
Darden	DRI US	NR	n/a	130.65	n/a	127,910	May-21	17.7	15.8	7.3	6.8	42.8	0.7	3.4
Domino'S Pizza	DPZ US	NR	n/a	343.84	n/a	97,277	Jan-22	26.2	22.3	n/a	n/a	n/a	2.8	1.3
Wendy'S Co	WEN US	NR	n/a	19.22	n/a	32,493	Jan-22	22.1	18.4	13.6	12.1	40.6	2.0	2.5
Shake Shack	SHAK US	NR	n/a	58.60	n/a	19,377	Dec-21	n/a	215.4	5.8	5.8	(2.1)	n/a	n/a
Wingstop Inc	WING US	NR	n/a	89.17	n/a	20,910	Dec-21	57.8	45.6	n/a	n/a	n/a	3.0	8.0
Jollibee Foods	JFC PM	NR	n/a	222.00	n/a	36,831	Dec-21	41.5	29.4	3.9	3.6	9.0	2.6	1.0
							Avg.	30.2	42.0	9.3	8.5	26.5	2.7	2.0
							Med.	24.6	22.3	8.4	8.4	34.2	2.7	2.1
H-shares Cons		<u>oles</u>												
UPC	220 HK	NR	n/a	6.88	n/a	29,717	Dec-21	16.2	14.4	1.8	1.8	10.9	1.8	6.5
Tingyi	322 HK	NR	n/a	14.54	n/a	81,887	Dec-21	19.2	16.2	4.0	4.0	19.1	2.3	6.3
Want Want	151 HK	NR	n/a	7.26	n/a	86,391	Mar-21	17.2	15.9	4.5	4.2	29.5	2.0	3.8
China Mengniu*	2319 HK	BUY	57.0	41.80	n/a	165,247	Dec-21	23.2	19.4	3.3	2.9	14.4	1.3	1.2
Vitasoy	345 HK	NR	n/a	14.24	n/a	15,237	Mar-21	n/a	46.7	4.6	4.2	(2.6)	n/a	0.2
Budweiser*	1876 HK	BUY	20.40	19.66	n/a	260,365	Dec-21	29.8	25.3	2.8	2.6	8.8	1.7	1.2
Tsingtao*	168 HK	BUY	63.05	64.05	n/a	114,658	Dec-21	23.5	20.5	3.0	2.7	14.2	2.8	2.0
CR Beer*	291 HK	BUY	80.0	45.45	n/a	147,448	Dec-21	30.1	24.2	4.7	4.2	20.1	2.9	1.3
Dali Foods	3799 HK	NR	n/a	4.06	n/a	55,598	Dec-21	12.3	11.3	2.2	2.0	20.3	1.8	4.1
							Avg.	21.5	21.5	3.4	3.2	15.0	2.1	3.0
							Med.	21.2	19.4	3.3	2.9	14.4	1.9	2.0

Source: Bloomberg, Company data, CMBIGM estimates,*covered by Joseph Wong



Financial Summary

Income statement						Cash flow summary					
YE 31 Dec (USD mn)	FY20A	FY21A	FY22E	FY23E	FY24E	YE 31 Dec (USD mn)	FY20A	FY21A	FY22E	FY23E	FY24E
Revenue	8,263	9,853	10,475	12,069	13,379	Net income	961	1,386	822	1,158	1,395
Company sales	7,396	8,961	9,842	11,400	12,691	D&A	386	431	423	480	546
Franchise fees and income	148	153	160	176	191	Change in working capital	69	43	23	106	90
Fran. & uncol. affiliates sales	647	663	401	425	431	Income tax paid	111	160	(231)	(313)	(376)
Other revenues	72	76	72	67	67	Others	(413)	(889)	339	247	162
Cost of goods sold	(2,342)	(2,812)	(3,130)	(3,557)	(3,934)	Net cash from operating	1,114	1,131	1,376	1,677	1,817
Gross profit	5,921	7,041	7,346	8,512	9,445						
Other net income	285	643	73	84	94	Capex & investments	(419)	(689)	(786)	(784)	(803)
						Associated companies	-	-	-	-	-
Operating expenses	(5,245)	(6,298)	(6,596)	(7,439)	(8,144)	Interest received	-	-	-	-	-
Staff costs	(1,730)	(2,258)	(2,544)	(2,920)	(3,213)	Others	(2,690)	(166)	-	-	-
Admin	(591)	(663)	(649)	(748)	(803)	Net cash from investing	(3,109)	(855)	(786)	(784)	(803)
Property rent & related	(814)	(968)	(1,083)	(1,231)	(1,371)						
D & A	(404)	(443)	(486)	(535)	(599)	Equity raised	2,187	(75)	-	-	-
Other operating expenses	(1,706)	(1,967)	(1,835)	(2,004)	(2,159)	Change of Debts	-	-	-	-	-
EBIT	961	1,386	822	1,158	1,395	Dividend paid	(95)	(203)	(208)	(157)	(219)
						Others	(34)	(35)	-	-	-
Finance costs, net	43	60	63	71	83	Net cash from financing	2,058	(313)	(208)	(157)	(219)
JV & associates	-	-	-	-	-						
Exceptional	104	(54)	21	24	27	Net change in cash	63	(37)	382	736	795
Pre-tax profit	1,108	1,392	906	1,253	1,504	Beginning cash balance	1,046	1,158	1,136	1,518	2,254
						Exchange difference	49	15	-	-	-
Income tax	(295)	(369)	(231)	(313)	(376)	Cash at the end of the year	1,158	1,136	1,518	2,254	3,049
Less: Minority interests	29	33	21	30	36						
Net profit	784	990	654	910	1,093						

Balance sheet						Key ratios					
YE 31 Dec (USD mn)	FY20A	FY21A	FY22E	FY23E	FY24E	YE 31 Dec	FY20A	FY21A	FY22E	FY23E	FY24E
Non-current assets	5,939	8,507	8,615	8,768	8,972	Sales mix (%)					
Fixed asset	1,765	2,251	2,614	2,919	3,175	Company sales	89.5	90.9	94.0	94.5	94.9
Intangible assets & goodwill	246	272	209	153	101	Franchise fees and income	1.8	1.6	1.5	1.5	1.4
Prepaid lease payments	-	-	_	-	-	Fran. & uncol. affiliates sales	7.8	6.7	3.8	3.5	3.2
Interest in asso. & JV	85	292	292	292	292	Other revenues	0.9	0.8	0.7	0.6	0.5
Others	3,843	5,692	5,500	5,404	5,404	Total	100.0	100.0	100.0	100.0	100.0
Current assets	4,936	4,716	5,164	6,011	6,903	P&L ratios (%)					
Cash and cash equivalents	1,158	1,136	1,518	2,254	3,049	Gross margin	71.7	71.5	70.1	70.5	70.6
Inventories	398	432	462	525	581	Operating margin	11.6	14.1	7.9	9.6	10.4
Trade and other receivables	99	67	88	102	113	Pre-tax margin	13.4	14.1	8.7	10.4	11.2
Prepayments	176	221	235	271	300	Net margin	9.5	10.0	6.2	7.5	8.2
Others	3,105	2,860	2,860	2,860	2,860	Effective tax rate	26.6	26.5	25.5	25.0	25.0
Current liabilities	2,067	2,383	2,471	2,690	2,876	Balance sheet ratios					
Borrowings	-	-	-	-	-	Current ratio (x)	2.4	2.0	2.1	2.2	2.4
Trade payables	708	782	829	942	1,042	Quick ratio (x)	2.2	1.8	1.9	2.0	2.2
Accruals & other payables	514	650	691	796	883	Cash ratio (x)	0.6	0.5	0.6	0.8	1.1
Tax payables	72	51	51	51	51	Inventory turnover days	61	54	54	54	54
Others	773	900	900	900	900	Trade receivables days	4	3	3	3	3
						Trade payables days	104	97	97	97	97
Non-current liabilities	2,337	2,918	2,918	2,918	2,918	Total debt / total equity ratio (%)	-	-	-	-	-
Borrowings	-	-	-	-	-	Net debt / equity ratio (%)	Net cash				
Deferred income	-	-	-	-	-	Returns (%)					
Deferred tax	-	-	-	-	-	ROE	12.1	12.5	7.8	9.9	10.8
Others	2,337	2,918	2,918	2,918	2,918	ROA	7.2	7.5	4.7	6.2	6.9
						Per share					
Minority Interest	-	-	-	-	-	EPS (USD)	1.89	2.26	1.48	2.06	2.45
Total net assets	6,471	7,922	8,389	9,172	10,081	DPS (USD)	0.23	0.49	0.37	0.51	0.61
Shareholders' equity	6,471	7,922	8,389	9,172	10,081	BVPS (USD)	15.41	18.75	19.74	21.45	23.43

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.

Disclaimer

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.