CMB International Securities | Equity Research | Company Update

Yum China (9987 HK)

Headwinds likely to stay after a weak 4Q21

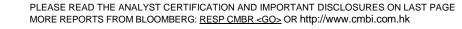
Following a devastating 4Q21, we expect the headwinds (e.g. COVID-19 outbreaks, raw material and wages inflation) are likely to stay in 1Q22E. Hence we maintain HOLD and cut TP to HK\$ 343.43, based on 25x FY22E P/E (at par with industry average, down from 27x because of sector de-rating).

- 4Q21 results missed. For FY21, YUMC sales grew by 19% YoY to RMB 9.85bn, inline with BBG/ CMBI est., while adjusted net profit (mainly for the non-cash gains from Hangzhou Catering and other mark-to-market investments like meituan) dropped by 15% YoY to RMB 525mn, missed BBG/ CMBI est. by 20%/ 25%. For 4Q21, adjusted net profit fell by 93% to RMB 11mn, missed BBG/ CMBI est. by 91%/ 94%. This is a negative surprise to us even though we already have a bearish view and HOLD rating. We attributed this to: 1) SSS decline and operating deleverage, 2) weak GP margin, due to rising commodity prices and greater promotions and 3) staff costs inflations due to increases in min. wages. Restaurant level margin for KFC/ Pizza Hut fell to 8.6%/ 5.9%, far below its long-term blended margin target of ~17%.
- Pizza Hut, KFC dine-in and other off-premises sales took the hit. 4Q21 SSS dropped by 11%, even worse than 7% drop in 3Q21 due to macro headwinds, despite outperforming Starbucks's 14% and 7% decline. Noted that KFC delivery sales still grew by 33% (vs 30% in 3Q21), but all other (Pizza Hut delivery, YUMC's dine-in and other off-premises) sales were weakening.
- Remain cautious about 1Q22E. Management highlighted a sequential improvement in Jan 2022 (~500 stores closed temporarily), but sales should still be falling during CNY and we are suspecting a seasonal weakness in Feb 2022 due to an early CNY.
- Cost pressure is still on in FY22E. Management believe cost inflation can still be from all fronts and expect double digits/ at least MSD (likely double-digits)/ MSD- HSD increases for energy/ commodity costs/ average wages in FY22E. Given our rather flattish SSSG assumptions in FY22E, operating deleverage could still be in place in 1H22E.
- Targeting 1,000-1,200 net openings in FY22E. Gross openings was 1,806 in FY21, beating guidance of ~1,700. Management is now guiding net openings of 1,000- 1,200 in FY22E, only similar to 1,282 in last year. We now forecast 840/ 240/ 45/ 35 net new stores for KFC/ Pizza Hut/ Lavazza/ others.
- Maintain HOLD and cut TP to HK\$ 343.43, based on 25x FY22E P/E (revised down from 27x to factor in sector de-rating). We revised down FY22E/ 23E net profit by 15%/ 19%, to factor in: 1) lower SSSG, 2) lower GP and OP margins, but 3) slower store expansion. YUMC is trading at 25x FY22E P/E, not too attractive, given an 11% EBIT CAGR in FY20-24E.

Earnings Summary

J					
(YE 31 Dec)	FY20A	FY21A	FY22E	FY23E	FY24E
Revenue (USD mn)	8,263	9,853	11,269	12,743	14,128
YoY growth (%)	(5.8)	19.2	14.4	13.1	10.9
Net income (USD mn)	784	990	781	960	1,147
Diluted EPS (USD)	1.89	2.26	1.77	2.17	2.58
YoY growth (%)	4.5	19.6	(21.6)	22.3	18.8
Consensus EPS (USD)	n/a	n/a	2.06	2.50	3.11
P/E (x)	23.7	19.8	25.3	20.7	17.4
P/B (x)	2.9	2.4	2.2	2.1	1.9
Yield (%)	0.5	1.1	1.0	1.2	1.4
ROE (%)	16.3	13.8	9.5	10.8	11.7
Net gearing (%)	Net cash				
0 0 I I DI					

Source: Company data, Bloomberg, CMBIS estimates





HOLD (Maintain)

Target Price	HK\$343.43
(Previous TP	HK\$438.86)
Up/Downside	-1.1%
Current Price	HK\$347.40

China Catering Sector

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

Stock Data

Mkt Cap (HK\$ mn)	148,731
Avg 3 mths t/o (HK\$ mn)	43.01
52w High/Low (HK\$)	544.00/341.20
Total Issued Shares (mn)	428.1
Source: Bloomberg	

Shareholding Structure

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

0010011112/

Share Performance								
	Absolute	Relative						
1-mth	-5.6%	-8.9%						
3-mth	-19.6%	-18.2%						
6-mth	-24.4%	-18.7%						
12-mth	-19.7%	-3.3%						

Source: Bloomberg

12-mth Price Performance

Source: Bloomberg

Auditor: KPMG



Related Reports

- 1. Yum China (9987 HK, HOLD) Headwinds linger despite faster expansion – 29 Oct 2021
- 2. Yum China (9987 HK, BUY) Guidance was in-line but coffee will accelerate – 24 Sep 2021
- Yum China (9987 HK, BUY) Another hit taken, but stay mid-term positive – 16 Sep 2021



Earnings revision

Figure 1: Earnings revision

		New			Old			Diff (%)	
US\$ mn	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E
Revenue	11,269	12,743	14,128	11,545	13,258	14,714	-2.4%	-3.9%	-4.0%
Gross profit	8,004	9,079	10,075	8,210	9,456	10,506	-2.5%	-4.0%	-4.1%
Operating Profit	996	1,224	1,467	1,208	1,544	1,820	-17.6%	-20.7%	-19.4%
Net profit	781	960	1,147	924	1,180	1,388	-15.5%	-18.6%	-17.3%
EPS (US\$ cents)	1.773	2.169	2.576	2.098	2.665	3.117	-15.5%	-18.6%	-17.3%
Gross margin	71.0%	71.2%	71.3%	71.1%	71.3%	71.4%	-0.1ppt	-0.1ppt	-0.1ppt
EBIT margin	8.8%	9.6%	10.4%	10.5%	11.6%	12.4%	-1.6ppt	-2ppt	-2ppt
Net profit att. margin	6.9%	7.5%	8.1%	8.0%	8.9%	9.4%	-1.1ppt	-1.4ppt	-1.3ppt

Source: Company data, CMBIS estimates

Figure 2: CMBIS estimates vs consensus

<u> </u>	_	CMBIS			Consensus			Diff (%)	
US\$ mn	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E
Revenue	11,269	12,743	14,128	11,289	12,697	13,892	-0.2%	0.4%	1.7%
Gross profit	8,004	9,079	10,075	8,077	9,130	9,869	-0.9%	-0.6%	2.1%
Operating Profit	996	1,224	1,467	1,189	1,428	1,783	-16.2%	-14.3%	-17.7%
Net profit	781	960	1,147	882	1,061	1,360	-11.5%	-9.5%	-15.7%
EPS (US\$ cents)	1.773	2.169	2.576	2.063	2.499	3.110	-14.0%	-13.2%	-17.2%
Gross Margin	71.0%	71.2%	71.3%	71.6%	71.9%	71.0%	-0.5ppt	-0.7ppt	0.3ppt
Operating Margin	8.8%	9.6%	10.4%	10.5%	11.2%	12.8%	-1.7ppt	-1.6ppt	-2.5ppt
Net Margin	6.9%	7.5%	8.1%	7.8%	8.4%	9.8%	-0.9ppt	-0.8ppt	-1.7ppt

Source: Company data, CMBIS estimates



Assumptions

Figure 3: CMBIS' assumptions

Major assumptions	FY18A	FY19A	FY20A	FY21E	FY22E	FY23E
Sales by segment (RMB mn)						
KFC - dine in sales	4,152	4,855	5,379	5,840	6,176	4,152
KFC - delivery sales	1,623	2,148	2,685	3,303	3,997	1,623
PH - dine in sales	1,146	1,340	1,444	1,620	1,796	1,146
PH- delivery sales	642	769	923	1,061	1,167	642
Others	701	741	838	918	991	701
Total	8,263	9,853	11,269	12,743	14,128	8,263
Sales by segment growth (%)						
KFC - dine in sales	-15.5%	16.9%	10.8%	8.6%	5.8%	-15.5%
KFC - delivery sales	43.7%	32.4%	25.0%	23.0%	21.0%	43.7%
PH - dine in sales	-25.0%	17.0%	7.8%	12.2%	10.9%	-25.0%
PH- delivery sales	21.7%	19.8%	20.0%	15.0%	10.0%	21.7%
Others	2.8%	5.7%	13.1%	9.6%	7.9%	2.8%
Total	-5.8%	19.2%	14.4%	13.1%	10.9%	-5.8%
Sales network by brand						
KFC	7,166	8,168	9,008	9,848	10,488	7,166
Pizza Hut	2,355	2,590	2,830	3,070	3,310	2,355
Others	985	1,030	1,110	1,190	1,270	985
Total	10,506	11,788	12,948	14,108	15,068	10,506
Restaurant profit margin by brand						
KFC	15.8%	14.5%	14.1%	14.9%	15.4%	15.8%
Pizza hut	10.5%	10.6%	12.2%	13.3%	14.3%	10.5%
Others	-0.4%	-1.3%	-0.2%	-0.2%	0.4%	-0.4%
Total	14.8%	13.7%	12.6%	13.5%	14.1%	14.8%
Costs breakdown						
Food and paper/ sales	28.3%	28.5%	29.0%	28.8%	28.7%	28.3%
Payroll and employee benefits/ sales	20.9%	22.9%	23.5%	23.4%	23.2%	20.9%
Rental and other operating expenses/ sales	26.9%	27.0%	26.3%	26.2%	26.2%	26.9%
G & A expenses/ sales	5.8%	5.7%	5.2%	5.2%	5.0%	5.8%
Franchisees expenses/ sales	7.7%	6.6%	6.2%	5.8%	5.5%	7.7%
Effective tax rate	26.6%	26.5%	25.5%	25.0%	25.0%	26.6%
NP att. margin	9.5%	10.0%	6.9%	7.5%	8.1%	9.5%
NP att. growth (%)	10.0%	26.3%	-21.2%	23.0%	19.4%	10.0%

Source: Company data, CMBIS estimates



Valuation

Figure 4: Peers valuation table

			12m TP	Price	Up/ Down-	Mkt. Cap	Year	P/E	(x)	P/B	; (x)	ROE (%)	3yrs PEG (x)	Yield (%)
Company	Ticker	Rating	(LC)	(LC)	side	(HK\$mn)	End	FY1E	FY2E	FY1E	FY2E	FY1E		FY1E
Leading Greate	er China C	atering												
Yum China	9987 HK	HOLD	343.43	347.40	-1%	148,687	Dec-21	19.8	23.9	2.4	2.2	16.3	3.1	1.1
Jiumaojiu	9922 HK	BUY	19.67	17.32	14%	25,173	Dec-20	49.8	31.2	6.0	5.2	14.3	0.6	0.5
Haidilao	6862 HK	HOLD	16.85	18.40	-8%	102,562	Dec-20	653.2	31.5	7.3	6.1	14.3	5.3	0.2
Nayuki	2150 HK	HOLD	7.83	7.13	10%	12,229	Dec-20	n/a	41.6	2.5	2.6	n/a	n/a	n/a
Helens	9869 HK	NR	n/a	19.28	n/a	24,426	Dec-20	281.1	34.1	12.8	8.8	56.2	n/a	0.0
Tam Jai	2217 HK	NR	n/a	2.92	n/a	3,914	Mar-21	13.3	10.1	2.2	1.9	62.4	1.1	1.8
Cafe De Coral	341 HK	BUY	19.05	13.30	43%	7,790	Mar-21	33.4	19.9	2.5	2.4	9.6	2.6	1.7
Xiabuxiabu	520 HK	NR	n/a	5.45	n/a	5,918	Dec-20	35.9	12.3	2.0	1.8	9.6	0.1	1.5
Yihai	1579 HK	BUY	108.52	35.45	206%	37,113	Dec-20	33.2	27.6	7.3	6.0	26.9	4.1	0.8
Gourmet Master	2723 TT	NR	n/a	110.00	n/a	5,545	Dec-20	16.9	15.7	1.7	1.7	12.0	1.1	3.6
							Avg.	126.3	24.8	4.7	3.9	24.6	2.2	1.3
							Med.	33.4	25.8	2.5	2.5	14.3	1.9	1.1
Other Greater Ch	nina <u>Ca</u> terir	ng												
Tai Hing	6811 HK	NR	n/a	1.29	n/a	1,295	Dec-20	n/a	n/a	n/a	n/a	14.3	n/a	n/a
Ajisen China	538 HK	NR	n/a	1.26	n/a	1,375	Dec-20	15.4	10.4	n/a	n/a	2.6	n/a	4.9
							Avg.	15.4	10.4	n/a	n/a	9.0	n/a	4.9
							Med.	15.4	10.4	n/a	n/a	8.4	n/a	4.9
Greater China Ca	atering													
							Avg.	115.2	23.5	4.7	3.9	19.8	2.2	1.6
							Med.	33.3	23.9	2.5	2.5	14.3	1.9	1.3
International C	atering													
Yum! Brands	YUMUS	NR	n/a	124.97	n/a	285,461	Dec-21	25.2	22.6	n/a	n/a	n/a	4.1	1.7
Mcdonald'S	MCD US	NR	n/a	260.08	n/a	1,514,422	Dec-21	25.6	23.4	n/a	n/a	n/a	4.4	2.2
Starbucks Corp	SBUX US	NR	n/a	94.92	n/a	850,836	Oct-21	28.4	24.3	n/a	n/a	n/a	3.7	2.1
Rest' Brands	QSR US	NR	n/a	56.68	n/a	200,979	Dec-20	20.5	18.7	8.3	11.7	30.9	0.7	3.7
Chipotle	CMG US	NR	n/a	1460.4	n/a	320,175	Dec-21	45.9	34.9	15.0	12.4	30.2	1.5	n/a
Darden	DRI US	NR	n/a	141.00	n/a	140,335	May-21	18.6	16.6	7.1	6.6	36.9	0.8	3.1
Domino'S Pizza	DPZ US	NR	n/a	438.73	n/a	124,399	Jan-21	32.2	28.8	n/a	n/a	n/a	2.8	0.9
Wendy'S Co	WEN US	NR	n/a	22.82	n/a	39,234	Jan-21	28.2	25.7	10.3	11.9	35.1	1.1	1.9
Shake Shack	SHAK US	NR	n/a	71.98	n/a	23,593	Dec-20	n/a	594.9	7.4	7.2	(4.4)	n/a	n/a
Wingstop Inc	WING US	NR	n/a	148.87	n/a	34,600	Dec-20	104.9	79.7	n/a	n/a	n/a	2.5	0.4
Jollibee Foods	JFC PM	NR	n/a	241.60	n/a	40,760	Dec-20	86.4	46.0	4.8	4.3	8.6	(0.5)	0.6
							Avg.	41.6	83.2	8.8	9.0	22.9	2.1	1.8
							Med.	28.3	25.7	7.8	9.5	30.6	2.0	1.9
H-shares Cons	umer Sta	ples												
UPC	220 HK	NR	n/a	8.07	n/a	34,857	Dec-20	19.3	17.0	2.1	2.1	10.6	23.7	5.3
Tingyi	322 HK	NR	n/a	17.22	n/a	96,974	Dec-20	20.9	18.4	3.8	3.8	19.7	2.5	6.1
Want Want	151 HK	NR	n/a	7.75	n/a	92,221	Mar-21	17.7	16.5	4.5	4.3	29.5	1.9	3.6
China Mengniu	2319 HK	NR	n/a	48.60	n/a	192,125	Dec-20	29.7	24.6	4.2	3.7	16.4	0.9	0.9
Vitasoy	345 HK	NR	n/a	15.62	n/a	16,714	Mar-21	118.3	34.9	4.9	4.4	(2.6)	123.1	0.1
Budweiser	1876 HK	NR	n/a	21.90	n/a	290,030	Dec-20	40.1	33.9	3.3	3.1	8.3	1.2	1.0
Tsingtao	168 HK	NR	n/a	70.90	n/a	125,728	Dec-20	27.3	24.6	3.5	3.2	12.7	1.3	1.6
CR Beer	291 HK	NR	n/a	59.20	n/a	192,055	Dec-20	36.1	34.8	6.4	5.8	18.4	1.1	1.1
Dali Foods	3799 HK	NR	n/a	4.41	n/a	60,391	Dec-20	12.8	12.0	2.6	2.4	22.8	1.6	4.1
2 411 1 0000	5100111	1 41 1	n/u		1./u	00,001								
							Avg.	35.8	24.1	3.9	3.6	15.1	17.5	2.6

Source: Bloomberg, Company data, CMBIS estimates,

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	11,269	12,743	14,128	Net income	961	1,386	996	1,224	1,467
Company sales	7,396	8,961	10,300	11,706	13,030	D&A	386	431	427	491	564
Franchise fees and income	148	153	166	180	195	Change in working capital	69	43	67	99	94
Fran. & uncol. affiliates sales	647	663	731	790	836	Income tax paid	111	160	(276)	(331)	(395)
Other revenues	72	76	72	67	67	Others	(413)	(889)	341	250	165
Cost of goods sold	(2,342)	(2,812)	(3,265)	(3,664)	(4,052)	Net cash from operating	1,114	1,131	1,555	1,734	1,895
Gross profit	5,921	7,041	8,004	9,079	10,075						
Other net income	285	643	79	89	99	Capex & investments	(419)	(689)	(845)	(828)	(848)
						Associated companies	-	-	-	-	-
Operating expenses	(5,245)	(6,298)	(7,087)	(7,944)	(8,708)	Interest received	-	-	-	-	-
Staff costs	(1,730)	(2,258)	(2,652)	(2,982)	(3,281)	Others	(2,690)	(166)	-	-	-
Admin	(591)	(663)	(699)	(790)	(848)	Net cash from investing	(3,109)	(855)	(845)	(828)	(848)
Property rent & related	(814)	(968)	(1,112)	(1,264)	(1,407)						
D & A	(404)	(443)	(490)	(547)	(617)	Equity raised	2,187	(75)	-	-	-
Other operating expenses	(1,706)	(1,967)	(2,134)	(2,361)	(2,555)	Change of Debts	-	-	-	-	-
EBIT	961	1,386	996	1,224	1,467	Dividend paid	(95)	(203)	(208)	(188)	(231)
						Others	(34)	(35)	-	-	-
Finance costs, net	43	60	64	73	84	Net cash from financing	2,058	(313)	(208)	(188)	(231)
JV & associates	-	-	-	-	-						
Exceptional	104	(54)	23	25	28	Net change in cash	63	(37)	502	717	817
Pre-tax profit	1,108	1,392	1,082	1,322	1,579	Beginning cash balance	1,046	1,158	1,136	1,638	2,355
						Exchange difference	49	15	-	-	-
Income tax	(295)	(369)	(276)	(331)	(395)	Cash at the end of the year	1,158	1,136	1,638	2,355	3,172
Less: Minority interests	29	33	26	31	37		-	-	-	-	-
Net profit	784	990	781	960	1,147						

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	8,670	8,855	9,086	Sales mix (%)					
Fixed asset	1,765	2,251	2,669	3,006	3,290	Company sales	89.5	90.9	91.4	91.9	92.2
Intangible assets & goodwill	246	272	209	153	101	Franchise fees and income	1.8	1.6	1.5	1.4	1.4
Prepaid lease payments	-	-	-	-	-	Fran. & uncol. affiliates sales	7.8	6.7	6.5	6.2	5.9
Interest in asso. & JV	85	292	292	292	292	Other revenues	0.9	0.8	0.6	0.5	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	5,328	6,149	7,066	P&L ratios (%)					
Cash and cash equivalents	1,158	1,136	1,638	2,355	3,172	Gross margin	71.7	71.5	71.0	71.2	71.3
Inventories	398	432	482	541	598	Operating margin	11.6	14.1	8.8	9.6	10.4
Trade and other receivables	99	67	95	107	119	Pre-tax margin	13.4	14.1	9.6	10.4	11.2
Prepayments	176	221	253	286	317	Net margin	9.5	10.0	6.9	7.5	8.1
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	2,559	2,762	2,957	Balance sheet ratios					
Borrowings	-	-	-	-	-	Current ratio (x)	2.4	2.0	2.1	2.2	2.4
Trade payables	708	782	865	971	1,074	Quick ratio (x)	2.2	1.8	1.9	2.0	2.2
Accruals & other payables	514	650	743	841	932	Cash ratio (x)	0.6	0.5	0.6	0.9	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	9.2	10.3	11.2
Others	2,337	2,918	2,918	2,918	2,918	ROA	7.2	7.5	5.6	6.4	7.1
						Per share					
Minority Interest	-	-	-	-	-	EPS (USD)	1.89	2.26	1.77	2.17	2.58
Total net assets	6,471	7,922	8,520	9,324	10,277	DPS (USD)	0.23	0.49	0.44	0.54	0.64
Shareholders' equity Source: Company data, CME	6,471	7,922	8,520	9,324	10,277	BVPS (USD)	15.41	18.75	20.04	21.81	23.89

Source: Company data, CMBIS 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

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

CMBIS Ratings BUY HOLD SELL NOT RATED	: Stock with potential return of over 15% over next 12 months : Stock with potential return of +15% to -10% over next 12 months : Stock with potential loss of over 10% over next 12 months : Stock is not rated by CMBIS
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 Securities Limited

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

CMB International Securities Limited ("CMBIS") 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. CMBIS 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. CMBIS 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 CMBIS, solely for the purpose of supplying information to the clients of CMBIS 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 CMBIS 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. CMBIS has exerted every effort in its capacity to ensure, but not to guarantee, their accuracy, completeness, timeliness or correctness. CMBIS provides the information, advices and forecasts on an "AS IS" basis. The information and contents are subject to change without notice. CMBIS 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. CMBIS may make investment decisions or take proprietary positions that are inconsistent with the recommendations or views in this report.

CMBIS 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 CMBIS 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 CMBIS may have a conflict of interest that could affect the objectivity of this report and CMBIS 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 CMBIS. 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 CMBIS.

For recipients of this document in the United States

CMBIS is not a registered broker-dealer in the United States. As a result, CMBIS 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.