CMB International Global Markets | Equity Research | Company Update

# Tencent (700 HK)

## Expect steady 3Q23 despite macro uncertainty

Tencent will report 3Q23 financial results on 15 Nov. We expect 3Q23 total revenue/adjusted net income to grow by 10/26% YoY to RMB153.5/40.6bn estimates: RMB155.5/39.8bn). For 3Q23E, we forecast (consensus games/ads/fintech & business services (FBS) revenue to grow by 7/23/12% YoY. Supported by operating leverage improvement from its consumer internet business segments, Tencent is able to deliver solid earnings growth amid macro headwinds. We maintain FY23-25E earnings forecasts largely unchanged, and fine-tune our SOTP-derived target price to HK\$460.0 (previously: HK\$458.0). Tencent's current valuation implies 18x FY23E Non-IFRS PE, and we forecast its earnings growth to stay at around 19% yoy in 2024. Maintain BUY.

- Games & ads recovery on track. We estimate total revenue to increase by 10% YoY and 3% QoQ to RMB153.5bn in 3Q23E. Online games business is on track of mild recovery and we forecast games revenue to grow by 7% YoY to RMB45.9bn (30% of total revenue) in 3Q23E, driven by the launch of popular titles like Valorant and Maple Story Mobile. Licensed game Maple Story Mobile (launched in August) delivered a better-than-expected performance, with first-month revenue surpassing RMB900mn in August per CNG. We forecast online ad revenue to grow by 23% YoY to RMB26.3bn (17% of total revenue) in 3Q23E despite macro uncertainty, driven by growth of Video Account ads and e-commerce ads.
- **FBS: steady growth with an enhanced margin profile.** We forecast FBS revenue to grow by 12% YoY to RMB50.3bn in 3Q23E (33% of total revenue), mainly attributable to the recovery of payment business and growth in live streaming e-commerce revenue. Due to incremental revenue from high-margin live streaming e-commerce business, we expect the FBS GPM improvement trend to sustain in 2H23E and improve by 5.4ppt YoY to 38.7% in 3Q23E. For cloud business, with the launch of Hunyuan Large Model and comprehensive MaaS solutions, we expect Tencent's comprehensive AI solutions to gradually fuel its cloud revenue growth, but cloud business may take time to reaccelerate amid current macro backdrop.
- Maintain BUY on attractive value. Driven by high-operating leverage consumer internet business recovery, we estimate overall GPM to rise by 2.7ppt YoY to 46.9% in 3Q23E. We forecast adjusted net income to grow by 26% YoY in 3Q23E, due to enhanced GPM and ongoing opex optimization. We fine-tune our SOTP-derived TP to HK\$460.0 (previous: HK\$458.0), comprising HK\$193.6/27.4/54.3/95.4/21.9 for games/SNS/ads/Fintech/ cloud business and HK\$7.1/60.4 for net cash/strategic investments. Tencent's current valuation of 18x FY23E PE (14x FY23E PE excluding strategic investment) offers attractive value versus the Internet average (21x). Maintain BUY.

#### **Earnings Summary**

(YE 31 Dec)	FY21A	FY22A	FY23E	FY24E	FY25E
Revenue (RMB mn)	560,118	554,552	609,886	661,978	713,460
YoY growth (%)	16.2	(1.0)	10.0	8.5	7.8
Gross margin (%)	43.9	43.1	46.4	47.0	47.8
Adjusted net profit (RMB mn)	123,788.0	115,649.0	149,906.5	179,075.7	196,831.9
YoY growth (%)	0.9	(6.6)	29.6	19.5	9.9
EPS (Adjusted) (RMB)	12.99	12.13	15.48	18.49	20.32
Consensus EPS (RMB)	12.99	12.13	15.44	18.10	20.64
P/S (x)	4.8	4.8	4.4	4.0	3.7
Non-IFRS P/E (x)	21.5	23.0	17.7	14.8	13.5
ROE (%)	29.8	24.6	15.1	16.1	16.2
Source: Company data, Bloomber	g, CMBIGM es	stimates			



## **BUY (Maintain)**

#### **Target Price** (Previous TP Up/Downside **Current Price**

HK\$460.00 HK\$458.00) 52.7% HK\$301.20

## **China Internet**

Saiyi HE, CFA (852) 3916 1739 hesaiyi@cmbi.com.hk

Wentao LU, CFA luwentao@cmbi.com.hk

#### Ye TAO

franktao@cmbi.com.hk

#### Stock Data

Mkt Cap (HK\$ mn)	2,855,376.0
Avg 3 mths t/o (HK\$ mn)	5,630.9
52w High/Low (HK\$)	415.00/190.72
Total Issued Shares (mn)	9480.0
Source: FactSet	

#### **Shareholding Structure**

MIH TC	26.9%
Advance Data Services Limited	8.4%
Source: HKEx	

#### **Share Performance**

	Absolute	Relative
1-mth	-5.0%	-2.1%
3-mth	-14.6%	-6.0%
6-mth	-17.6%	-4.5%

### Source: FactSet

#### **12-mth Price Performance**





## **Business and valuation update**

#### Figure 1: Tencent: forecast revision

5		Current			Previous		(	Change (%)	
RMB bn	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E
Revenue	609.9	662.0	713.5	613.8	665.9	717.8	-0.6%	-0.6%	-0.6%
Gross Profit	283.1	311.3	340.8	284.6	311.6	339.9	-0.5%	-0.1%	0.2%
Adjusted net profit	149.9	179.1	196.8	150.5	179.9	198.1	-0.4%	-0.5%	-0.6%
Adjusted EPS (RMB)	15.5	18.5	20.3	15.5	18.6	20.5	-0.4%	-0.5%	-0.6%
Gross Margin	46.4%	47.0%	47.8%	46.4%	46.8%	47.4%	0.1 ppt	0.2 ppt	0.4 ppt
Adjusted net margin	24.6%	27.1%	27.6%	24.5%	27.0%	27.6%	0.1 ppt	0.0 ppt	0.0 ppt

Source: CMBIGM estimates

#### Figure 2: CMBIGM estimates vs consensus

<u> </u>		CMBIGM		C	Consensus			Diff. (%)	
RMB bn	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E
Revenue	609.9	662.0	713.5	618.6	691.6	767.3	-1.4%	-4.3%	-7.0%
Gross Profit	283.1	311.3	340.8	285.7	323.3	360.5	-0.9%	-3.7%	-5.5%
Adjusted net profit	149.9	179.1	196.8	146.1	174.2	199.3	2.6%	2.8%	-1.2%
Adjusted EPS (RMB)	15.5	18.5	20.3	15.4	18.1	20.6	0.3%	2.2%	-1.5%
Gross Margin	46.4%	47.0%	47.8%	46.2%	46.7%	47.0%	0.2 ppt	0.3 ppt	0.8 ppt
Adjusted net margin	24.6%	27.1%	27.6%	23.6%	25.2%	26.0%	1.0 ppt	1.9 ppt	1.6 ppt

Source: Bloomberg, CMBIGM estimates

#### Figure 3: Tencent: key financial forecasts

(RMB bn)	2022	2023E	2024E	2025E	3Q23E
SNS revenue	116.8	119.2	124.5	129.6	29.9
YoY %	0%	2%	5%	4%	0%
As % of total revenue	21%	20%	19%	18%	19%
Games revenue	170.7	183.0	194.3	204.4	45.9
YoY %	-2%	7%	6%	5%	7%
As % of total revenue	31%	30%	29%	29%	30%
Online ad revenue	82.7	100.7	111.6	122.4	26.3
YoY %	-7%	22%	11%	10%	23%
As % of total revenue	15%	17%	17%	17%	17%
FBS revenue	177.1	201.2	225.9	251.3	50.3
YoY %	3%	14%	12%	11%	12%
As % of total revenue	32%	33%	34%	35%	33%
Total revenue	554.6	609.9	662.0	713.5	153.5
YoY %	-1%	10%	9%	8%	10%
Gross profit margin (%)	43.1%	46.4%	47.0%	47.8%	46.9%
G&A expenses as % of total revenue (%)	19.2%	16.8%	16.8%	16.8%	16.8%
S&M expenses as % of total revenue (%)	5.3%	5.3%	5.3%	5.2%	5.5%
Non-IFRS net profit margin (%)	20.9%	24.6%	27.1%	27.6%	26.5%
Non-IFRS net profit	115.6	149.9	179.1	196.8	40.6
YoY %	-7%	30%	19%	10%	26%

Source: Company data, CMBIGM estimates

## **SOTP** valuation



Our SOTP-derived target price of HK\$460.0 comprises, per share:

1) HK\$193.6 for the online games business, based on a 20x 2023E PE, which is at a discount to the average PE for its global gaming peers (22x). The discount is given as Tencent's gaming business has entered a mature stage with more stable growth outlook versus peers.

2) HK\$27.4 for the SNS business, including the market cap of Tencent's stake in its subsidiaries, the valuation of Tencent Video (based on a 3.0x 2023E PS, at a premium to the 2.2x average PS for its peers given its content and user traffic leadership), and the valuation of other membership services (based on a 2.0x 2023E PS).

3) HK\$54.3 for the advertising business, based on 18x 2023E PE, at a discount to the industry average (20x) as its advertising business has entered a mature phase.

4) HK\$95.4 for the fintech business, based on a 5.0x 2023E PS, at a premium to the peer average (1.6x). This mainly reflects our positive view on the recovery of China's digital payment volume in FY23/24E, and Tencent, as one of the largest digital payment platforms in China, is well positioned to benefit from the recovery.

5) HK\$21.9 for the cloud business, based on a 5.0x 2023E PS, at a discount to the industry average (5.2x) as Tencent's current offerings come mainly from the lower-margin laaS business.

6) HK\$60.4 for strategic investments, based on the current market value of Tencent's listed investments and the book value of its unlisted investments. We apply a 30% holding company discount to the fair value of Tencent's equity investments.

7) HK\$7.1 for net cash.

#### Figure 4: Tencent: SOTP valuation

	2023E net profit (RMBmn)	2023E revenue (RMBmn)	2023E PE (x)	2023E PS (x)	Market cap (RMBmn)	Valuation to Tencent (RMBmn)	As % of total valuation	Per share valuation (HK\$)
Online games	83,034		20x			1,660,681	42.1	193.6
Social network services (SNS)		119,162				235,303	6.0	27.4
Tencent Music (TME)					82,526	45,472	1.2	5.3
China Literature					28,265	16,727	0.4	2.0
Huya					5,235	2,481	0.1	0.3
Online video – subscription		27,300		3.0x		81,900	2.1	9.5
Others		44,361		2.0x		88,722	2.2	10.3
Online advertising	25,862		18x			465,508	11.8	54.3
Fintech		163,617		5.0x		818,084	20.7	95.4
Cloud (business services)		37,584		5.0x		187,920	4.8	21.9
Net cash						60,978	1.5	7.1
Valuation of core business						3,428,472		
RMB/HK\$						0.91		
Valuation of core business (HK\$mn)						3,788,367		
Valuation per share – core business (HK\$)						399.6		
Valuation per share – investment (HK\$)						60.4		
Valuation per share – Tencent (HK\$)						460.0		

Source: Company data, CMBIGM estimates



Figure 5: Peer cor	nparison: online	e games and a	dvertising	sector				
		Price	EPS gr	owth (YoY %	)		PE (x)	
Companies	Ticker	(Local)	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E
Online games								
NetEase	NTES US	105.5	22	3	(10)	17	16	18
Activision Blizzard	ATVI US	94.4	39	2	9	22	22	20
Electronic Arts	EA US	131.3	(14)	13	11	22	19	17
Take Two Interactive	TTWO US	142.8	(27)	(11)	148	40	44	18
IGG	799 HK	3.0	6	(284)	53	na	6	4
Nexon	3659 JP	2,634.0	6	7	10	20	18	16
Nintendo	7974 JP	6,196.0	(9)	7	(17)	19	18	21
Bandai Namco	7832 JP	3,035.0	18	6	10	22	20	18
Perfect World	002624 CH	13.0	(19)	33	16	20	15	13
37 Interactive	002555 CH	21.0	11	15	13	14	12	11
Average PE						22	19	16
Online advertising								
Focus Media	002027 CH	7.2	61	22	14	21	18	15
Baidu	BIDU US	125.2	28	6	11	13	12	11
Meta	Meta US	314.7	28	24	15	22	18	16
Google	GOOG US	138.6	18	16	23	23	20	16
Average PE						20	17	15

Source: Bloomberg, CMBIGM estimates

Note: data as of market close on 13 Oct

#### Figure 6: Peer comparison: online video, fintech, and cloud sectors

		Price	Revenue	growth (YoY	%)		PS (x)	
Companies	Ticker	(Local)	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E
Online video								
iQiyi	IQ US	4.8	4.5	7.1	6.8	1.0	1.0	0.9
Mango Excellent Media	300413 CH	27.5	3.1	13.3	10.6	3.3	2.9	2.6
Average PS						2.2	1.9	1.8
Cloud								
Microsoft	MSFT US	327.7	11.9	13.1	14.7	10.3	9.1	7.9
Google	GOOG US	138.6	13.9	6.6	15.8	6.5	6.1	5.3
Salesforce	CRM US	204.6	12.3	11.0	11.3	5.7	5.2	4.6
Kingsoft Cloud	KC US	4.8	(10.3)	12.4	15.0	1.1	1.0	0.9
Amazon	AMZN US	129.8	11.6	12.0	12.5	2.4	2.1	1.9
Average PS						5.2	4.7	4.1
Fintech								
PayPal	PYPL US	55.8	7.8	9.1	9.1	2.1	1.9	1.7
Square	SQ US	43.2	23.8	14.0	13.9	1.2	1.1	0.9
Average PS						1.6	1.5	1.3

Source: Bloomberg, CMBIGM estimates

Note: data as of the market close on 13 Oct

Our calculation of the valuation of Tencent's strategic investments is based on the current market value of Tencent's listed investments and the book value of its unlisted investments. We apply a 30% holding company discount to the fair value of Tencent's equity investments.



igure 7: Tencent: valuation of st Name	Ticker	Tencent's stake %	Mkt cap (US\$mn)	Value to Tencent (HK\$b
PDD Holdings Inc	PDD US	15.5	134,151	162,08
Kuaishou Technology	1024 HK	18.9	35,290	52,02
Sea Ltd	SE US	20.2	25,827	40,69
NU Holdings Ltd/Cayman Islands	NU US	7.9	36,803	22,70
KE Holdings Inc	BEKE US	8.6	29,723	19,91
Spotify Technology SA	SPOT US	17.5	14,086	19,20
China International Capital Co	3908 HK	11.3	19,886	17,5
Snap Inc	SNAP US	11.4	18,140	16,0
JD.com Inc	9618 HK	21.6	8,710	14,6
Futu Holdings Ltd	FUTU US	1.7	91,467	12,2
Meituan	3690 HK	2.7	41,862	8,6
ongcheng Travel Holdings Ltd	780 HK	21.4	4,601	7,6
/ipshop Holdings Ltd	VIPS US	11.5	8,365	7,5
Bilibili Inc	9626 HK	4.9	16,708	6,4
Varner Music Group Corp	WMG US	13.4	5,733	5,9
Krafton Inc	259960 KS	13.5	5,538	5,8
Canzhun Ltd	BZ US	9.9	6,965	5,3
letmarble Corp	251270 KS	17.5	2,682	3,6
íixin Group Ltd	2858 HK	8.1	4,349	2,7
hongAn Online P&C Insurance C	6060 HK	53.9	567	2,3
Kadokawa Corp	9468 JP	5.5	3,849	1,6
Jbisoft Entertainment SA	UBI FP	9.1	2,195	1,5
Paradox Interactive AB	PDX SS	6.9	2,891	1,5
Dxford Nanopore Technologies P	ONT LN	13.7	1,396	1,4
laoyan Entertainment	1896 HK	7.7	1,993	1,1
enbi Ltd	2469 HK	4.9	2,900	1,1
Other listed entities as a whole			42,859	11,1
isted investments (current value)				453,1
Inlisted investments (book value)				367,8
otal investment value				821,0
loldco discount				30
aluation of strategic investments				574,7
/aluation of strategic investments per sh	are			6

Source: Bloomberg, Company data, CMBIGM estimates Note: data as of market close on 13 Oct



## Financial Summary

INCOME STATEMENT	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec (RMB mn)						
Revenue	482,064	560,118	554,552	609,886	661,978	713,460
Cost of goods sold	(260,532)	(314,174)	(315,806)	(326,784)	(350,708)	(372,668)
Gross profit	221,532	245,944	238,746	283,102	311,270	340,792
Operating expenses	(37,295)	25,676	(3,040)	(119,908)	(129,234)	(139,890)
Selling expense	(33,758)	(40,594)	(29,229)	(32,324)	(35,085)	(37,100)
Admin expense	(67,625)	(89,847)	(106,696)	(102,461)	(111,212)	(119,861)
Others	64,088	156,117	132,885	14,877	17,063	17,071
Operating profit	184,237	271,620	235,706	163,193	182,036	200,901
Share of (losses)/profits of associates/JV	3,672	(16,444)	(16,129)	2,500	2,500	2,500
Interest income	6,957	6,650	8,592	11,101	13,174	13,065
Interest expense	(7,887)	(7,114)	(9,352)	(10,924)	(11,017)	(2,691)
Pre-tax profit	180,022	248,062	210,225	154,769	173,519	200,710
Income tax	(19,897)	(20,252)	(21,516)	(34,823)	(26,028)	(28,846)
After tax profit	160,125	227,810	188,709	119,946	147,491	171,864
Minority interest	(278)	(2,988)	(466)	(3,119)	(3,835)	(4,250)
Net profit	159,847	224,822	188,243	116,828	143,656	167,614
Adjusted net profit	122,742	123,788	115,649	149,907	179,076	196,832
Gross dividends	12,653	12,704	20,256	14,457	17,777	19,702
BALANCE SHEET	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec (RMB mn)						
Current assets	317,647	484,812	565,989	541,944	641,560	783,029
Cash & equivalents	152,798	167,966	156,739	252,487	317,394	418,952
Account receivables	44,981	49,331	45,467	48,311	50,865	53,176
Inventories	814	1,063	2,333	1,862	1,920	2,028
Prepayment	40,321	65,390	76,685	78,155	82,286	86,025
ST bank deposits	68,487	83,813	104,776	127,294	154,105	185,913
Financial assets at FVTPL	6,593	10,573	27,963	29,361	30,829	32,371
Other current assets	3,653	106,676	152,026	4,472	4,161	4,564
Non-current assets	1,015,778	1,127,552	1,012,142	1,056,943	1,129,489	1,174,428
PP&E	59,843	61,914	53,978	71,614	85,405	96,553
Deferred income tax	21,348	26,068	29,882	20,164	34,157	24,388
Investment in JVs & assos	305,258	323,188	252,715	264,094	275,842	287,948
Intangibles	159,437	171,376	161,802	190,100	216,152	240,212
Financial assets at FVTPL	165,944	192,184	206,085	206,085	206,085	206,085
Other non-current assets	303,948	352,822	307,680	304,886	311,849	319,241
Total assets	1,333,425	1,612,364	1,578,131	1,598,887	1,771,049	1,957,457
Current liabilities	269,079	403,098	434,204	323,208	348,902	374,251
Short-term borrowings	14,242	19,003	22,026	17,506	18,788	19,965
Account payables	94,030	109,470	92,381	100,994	107,304	112,883
Tax payable	12,134	12,506	13,488	14,325	15,066	15,689
Other current liabilities	144,851	256,673	299,955	184,029	201,389	219,360
Lease liabilities	3,822	5,446	6,354	6,354	6,354	6,354
Non-current liabilities	286,303	332,573	361,067	382,802	393,992	405,121
Long-term borrowings	112,145	136,936	163,668	164,560	164,829	164,909
Bond payables	122,057	145,590	148,669	154,244	157,136	158,609
Deferred income	6,678	4,526	3,503	13,071	14,028	14,907
Other non-current liabilities	45,423	45,521	45,227	50,927	57,999	66,695
Total liabilities	555,382	735,671	795,271	706,011	742,893	779,372
Retained earnings	538,464	669,911	705,981	812,878	944,324	1,090,003
Other reserves	165,520	136,388	15,410	15,410	15,410	15,410
Total shareholders equity	703,984	806,299	<b>721,391</b>	828,288	<b>959,734</b>	1,105,413
Minority interest	74,059	70,394	61,469	64,588	68,422	72,672
Total equity and liabilities	1,333,425	1,612,364	1,578,131	1,598,887	1,771,049	1,957,457
	.,500,420	.,	.,	.,,	.,,	.,,



CASH FLOW	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec (RMB mn)						
Operating						
Profit before taxation	180,022	248,062	210,225	154,769	173,519	200,710
Depreciation & amortization	50,774	56,818	60,230	55,298	67,837	78,526
Tax paid	(19,897)	(20,252)	(21,516)	(34,823)	(26,028)	(28,846)
Change in working capital	27,423	(2,844)	(28,405)	36,808	16,928	17,392
Others	(44,203)	(106,598)	(74,443)	0	0	(8,402)
Net cash from operations	194,119	175,186	146,091	212,052	232,257	259,381
Investing						
Capital expenditure	(33,906)	(34,931)	(33,892)	(36,529)	(38,856)	(41,040)
Acquisition of subsidiaries/ investments	(108,665)	(117,642)	59,711	(23,195)	(60,671)	(43,483)
Net proceeds from disposal of short-term investments	15,376	0	0	0	0	0
Others	(54,760)	(25,976)	(130,690)	(64,703)	(68,825)	(72,694)
Net cash from investing	(181,955)	(178,549)	(104,871)	(124,427)	(168,352)	(157,217)
Financing						
Net borrowings	44,490	45,239	31,982	8,484	12,255	12,050
Proceeds from share issues	1,716	0	0	0	0	0
Others	(32,559)	(23,619)	(91,935)	(362)	(11,254)	(12,655)
Net cash from financing	13,647	21,620	(59,953)	8,122	1,001	(604)
Net change in cash						
Cash at the beginning of the year	132,991	152,798	167,966	156,739	252,487	317,394
Exchange difference	(6,004)	(3,089)	7,506	0	0	0
Cash at the end of the year	152,798	167,966	156,739	252,487	317,394	418,952
GROWTH	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec						
Revenue	27.8%	16.2%	(1.0%)	10.0%	8.5%	7.8%
Gross profit	32.2%	11.0%	(2.9%)	18.6%	9.9%	9.5%
Operating profit	55.2%	47.4%	(13.2%)	(30.8%)	11.5%	10.4%
Net profit	71.3%	40.6%	(16.3%)	(37.9%)	23.0%	16.7%
Adj. net profit	30.1%	0.9%	(6.6%)	29.6%	19.5%	9.9%
PROFITABILITY	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec						
Gross profit margin	46.0%	43.9%	43.1%	46.4%	47.0%	47.8%
Operating margin	38.2%	48.5%	42.5%	26.8%	27.5%	28.2%
Adj. net profit margin	25.5%	22.1%	20.9%	24.6%	27.1%	27.6%
Return on equity (ROE)	28.1%	29.8%	24.6%	15.1%	16.1%	16.2%
GEARING/LIQUIDITY/ACTIVITIES	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec						( <b>-</b> .)
Net debt to equity (x)	0.1	0.2	0.2	0.1	0.0	(0.1)
Current ratio (x)	1.2	1.2	1.3	1.7	1.8	2.1
Receivable turnover days	34.1	32.1	29.9	28.9	28.0	27.2
VALUATION	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec						
P/E	23.2	18.1	14.1	22.8	18.6	15.9
P/E (diluted)	23.6	18.4	14.3	23.2	18.9	16.2
P/B	5.3	5.0	3.7	3.2	2.8	2.4

Source: Company data, CMBIGM estimates. Note: The calculation of net cash includes financial assets.



## **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; and (4) have any financial interests in the Hong Kong listed companies covered in this report.

CMBIGM 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 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 investors that receives a copy of this report by its acceptance hereof represents and agrees that it shall not distribute or provide 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.