CMB International Global Markets | Equity Research | Company Update

Mobvista Inc. (1860 HK)

Margin intact with topline acceleration

Mobvista's 3Q23 earnings was largely in-line, with revenue +26% YoY (2% below our estimates) and profit at US\$4.1mn (in line with our estimates). Mintegral's revenue accelerated to 28% YoY in 3Q23 (vs. +14% YoY in 2Q23), in which revenue mix of midcore and hardcore games climbed to 32% in 3Q23 (vs. 31% in 2Q23). For ROAS mode, it might take some time to see meaningful contribution from the in-app purchase feature. We expect margin enhancement to continue in FY24/25E (forecasting adj. NM at 2.6%/2.7%), backed by narrowing loss of Reyun and higher ads efficiency. We keep our earnings forecast in FY24/25E barely changed. Maintain BUY with SOTP-based TP at HK\$6.0 (1.2x/1.0x FY23/24E P/S, or 37x FY24E P/E, with 41% earnings CAGR in FY23-25E).

- 3Q23 earnings largely in-line. 3Q23 revenue accelerated to +26% YoY (vs. +11% YoY in 1H23), 2% below our estimates. By segment, ad-tech/martech +25.8%/33.1% YoY. Adj. net profit reached US\$4.1mn, largely in line with our estimates. GPM came at 20.6%, relatively stable QoQ. Adj. EBITDA was US\$23.6mn, largely in-line.
- Higher revenue mix from midcore & hardcore game ahead, despite slower ramp-up of ROAS. Mintegral's revenue accelerated to 28% YoY in 3Q23 (vs. +14% YoY in 2Q23), in which revenue mix of midcore and hardcore games climbed to 32% in 3Q23 (vs. 31% in 2Q23). For ROAS mode, ROAS intelligent bidding feature received market validation in 3Q23 and algorithm optimization is on track, but it might take some time to see meaningful contribution from its in-app purchase feature. To factor in lower revenue contribution from ROAS and google cooperation, we slightly cut our topline forecast by 5% in FY23-25E.
- Intact margin ahead. 3Q23 adj. NM reached 1.5% (vs. 1.7% in 2Q23). Looking ahead, we expect margin enhancement to continue in FY24/25E (forecasting adj. NM at 2.6%/2.7%), backed by narrowing loss of Reyun and higher ads efficiency (with the continued application of cloud-native technologies). ROAS algorithm optimization might affect model training fee, but well managed. After margin adjustment, our earnings forecast in FY24/25E was barely changed.
- Maintain BUY. We maintain FY24/25E earnings forecast unchanged, with new TP at HK\$6.0 (by assigning 30x FY23E P/E to ad-tech biz and 3.3x FY23E P/S to mar-tech biz).

Earnings Summary (YE 31 Dec) **FY21A** FY22A FY23E FY24E FY25E Revenue (US\$ mn) 755 894 1,060 1,271 1,487 YoY growth (%) 46.4 18.4 18.5 19.9 17.0 Adjusted net profit (US\$ mn) (4) 10 20 33 **Diluted EPS (US\$ cents)** (0.25)0.61 1.26 2.06 2.43 YoY growth (%) na 105.2 63.6 18.4 na **Consensus EPS (US\$ cents)** 1.00 2.50 2.00 na na P/E (x) (160)66 32 20 P/S (x) 0.8 0.7 0.6 0.5 **ROE (%)** (8.3)5.2 6.2 8.8 Net cash Net cash Net cash Net cash Net cash Net gearing (%)

Source: Company data, Bloomberg, CMBIGM estimates



BUY (Maintain)

Target Price HK\$6.00 (Previous TP Up/Downside

HK\$6.30) 90.5% HK\$3.15

China Entertainment

Current Price

Sophie HUANG (852) 3900 0889

sophiehuang@cmbi.com.hk

Eason XU

(852) 3900 0849 easonxu@cmbi.com.hk

Stock Data

Mkt Cap (HK\$ mn)	315.0
Avg 3 mths t/o (HK\$ mn)	1.4
52w High/Low (HK\$)	4.90/3.09
Total Issued Shares (mn)	1,615
Source: FactSet	

Shareholding Structure

Seamless Technology	63.7%
GIC	8.1%
Source: HKEx	

Share Performance

	Absolute	Relative
1-mth	-2.5%	-3.9%
3-mth	-18.0%	-15.7%
6-mth	-22.8%	-14.7%
Courses Es at Cat		

Source: FactSet

40

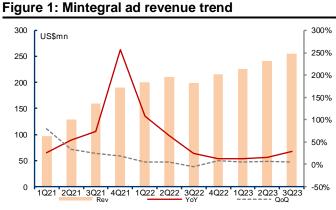
16

0.4

9.7

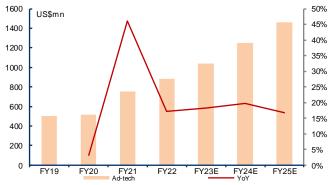






Source: Company data, CMBIGM estimates





31,289

30,940

33,446

19.2%

13.4%

14.4%

NA

NA

(14,628)

(9,290)

(12,377)

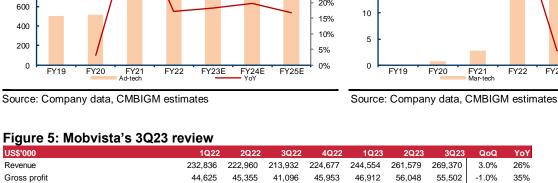
20.3%

-6.6%

-5.6%

NA

NA



(10,749)

(13,266)

(9,335)

22.5%

-5.0%

-4.4%

NA

NA

(3,667)

1,806

(2,035)

23.8%

-1.6%

-0.9%

NA

NA

5,172

3,201

4,510

19.2%

2.1%

1.8%

5.0%

8.8%

NA

NA

7,499

5,321

4,431

21.4%

2.9%

1.7%

17.3%

7.0%

NA

NA

5,221

3,261

4,065

20.6%

1.9%

1.5%

25.9%

3.0%

NA

NA

-30.4%

-38.7%

-8.3%

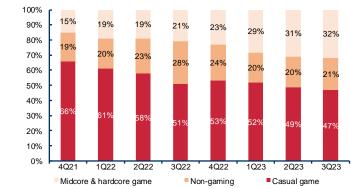
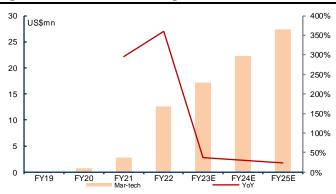


Figure 2: Higher revenue mix of non-casual games

Source: Company data



YoY

26%

35%

NA

NA

NA

Figure 4: Mar-tech revenue growth estimates



US\$'000

Revenue

Net profit

Adj.NPM

Growth (%)

Revenue (YoY)

Revenue (QoQ) Operating profit

Adj. net profit

Source: Company data

Gross profit

Operating profit

Adj. net profit

Gross margin

Operating margin

Margin (%)





Figure 6: Mobvista's 3Q23 rev breakdown

	1Q22	2Q22	3Q22	1Q23	2Q23	3Q23	QoQ	YoY
Revenue (US\$'000)	232,836	222,960	213,932	244,554	261,579	269,370	3.0%	25.9%
Ad-tech (Mobile advertising solutions)	229,645	219,512	210,956	240,995	257,814	265,409	2.9%	25.8%
Mintegral platform revenue	200,105	210,595	199,302	226,057	241,769	255,417	5.6%	28.2%
Nativex platform revenue	29,540	8,917	11,654	14,938	16,045	9,992	-37.7%	-14.3%
Mar-tech	3,191	3,448	2,976	3,559	3,765	3,961	5.2%	33.1%

Source: Company data

Figure 7: Mobvista's yearly financials forecast

US\$ mn, Dec-YE	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
Revenue	435	500	516	755	894	1,060	1,271	1,487
Cost of Sales	(337)	(381)	(434)	(633)	(717)	(848)	(1,016)	(1,187)
Gross profit	98	119	82	122	177	212	256	300
Selling and marketing expenses	(8)	(10)	(17)	(47)	(66)	(53)	(61)	(71)
Research and development expenses	(29)	(35)	(32)	(69)	(107)	(102)	(120)	(140)
General and administrative expenses	(36)	(51)	(44)	(28)	(49)	(48)	(53)	(62)
Other net income	2	3	6	9	47	8	9	10
Operating profit	27	25	(5)	(12)	2	18	31	37
Finance costs	(1)	(2)	(2)	(4)	(5)	(2)	(3)	(3)
Profit before taxation	26	23	(7)	(31)	11	15	28	34
Income tax	(4)	(1)	2	6	(1)	(0)	(5)	(6)
Profit for the year	22	22	(5)	(25)	10	15	23	28
Profit attributable to owners of the Company	22	22	(5)	(25)	15	15	23	28
Non-controlling interests	0	0	0	(0)	5	0	0	0
Adjusted net profit	35	41	9	(4)	10	20	33	40
Margin Analysis								
Gross margin	23%	24%	16%	16.1%	19.8%	20.0%	20.1%	20.1%
Operating margin	6%	5%	-1%	-2%	0%	2%	2%	2%
Adj. net margin	8%	8%	2%	-1%	1%	2%	3%	3%
Growth Analysis								
Revenue	39%	15%	3%	46%	18%	19%	20%	17%
Gross profit	18%	21%	-31%	48%	45%	20%	21%	17%
Operating profit	-12%	-7%	-121%	137%	NA	NA	NA	NA
Adj. net profit	NA	16%	-78%	-144%	NA	107%	65%	20%

Source: Company data, CMBIGM estimates

Figure 8: CMBIGM estimates vs consensus

		CMBIGM		(Consensus			Diff (%)	
US\$ mn, Dec-YE	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E
Revenue	1,060	1,271	1,487	1,113	1,360	1,608	-4.8%	-6.5%	-7.5%
Gross Profit	212	256	300	221	271	323	-4.3%	-5.7%	-7.2%
Operating Profit	18	31	37	17	40	71	5.4%	-22.4%	-47.9%
Adj. net profit	20	33	40	21	40	68	-5.4%	-16.0%	-41.3%
Adj. EPS (RMB)	0.01	0.02	0.02	0.01	0.03	0.02	25.6%	-17.8%	21.7%
Gross Margin	20.0%	20.1%	20.1%	19.9%	19.9%	20.1%	+0.1ppts	+0.2ppts	+0.1ppts
Operating Margin	1.7%	2.4%	2.5%	1.5%	2.9%	4.4%	+0.2ppts	-0.5ppts	-1.9ppts
Adj. net margin	1.9%	2.6%	2.7%	1.9%	2.9%	4.2%	-0.0ppts	-0.3ppts	-1.5ppts

Source: CMBIGM estimates, Bloomberg

Figure 9: CMBIGM estimates revision

		New			Old			Diff (%)	
US\$ mn, Dec-YE	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E
Revenue	1,060	1,271	1,487	1,114	1,337	1,564	-4.9%	-4.9%	-4.9%
Gross Profit	212	256	300	222	268	315	-4.7%	-4.7%	-4.8%
Operating Profit	18	31	37	17	30	36	5.4%	2.5%	2.4%
Adj. net profit	20	33	40	23	33	40	-12.8%	0.3%	0.2%
Adj. EPS (RMB)	0.01	0.02	0.02	0.01	0.02	0.02	-12.8%	0.3%	0.2%
Gross Margin	20.0%	20.1%	20.1%	19.9%	20.1%	20.1%	+0.0ppts	+0.0ppts	+0.0ppts
Operating Margin	1.7%	2.4%	2.5%	1.5%	2.3%	2.3%	+0.2ppts	+0.2ppts	+0.2ppts
Adj. net margin	1.9%	2.6%	2.7%	2.1%	2.5%	2.5%	-0.2ppts	+0.1ppts	+0.1ppts

Source: CMBIGM estimates, Bloomberg



Figure 10: SOTP valu	uation				
SOTP	Methodol	logy	Metrics	Multiple	Valuation
(US\$mn)					
Ad-tech	P/E	FY23E adj. NP	35.1	30.0	1,053
Mar-tech	P/S	FY23E Rev	17.2	3.3	57
Total					1,110
Net Cash					132
Equity Value (US\$mn)					1,242
Equity Value (HK\$ mn)					9,748
No. of shares (mn)					1,651
Target Price (HK\$) based	l on SOTP				6
Source: Company data, CM	BIGM estimates				

Figure 11: Comps table

Company	Ticker	Mkt cap	Currency	Price	CMBI	СМВІ		PE			PS		FY23-25 EP
		(USD mn)		F	Raiting	TP	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E	CAGR
Mobvista	1860 HK	642	HKD	3.1	BUY	6.0	31.9	19.5	16.5	0.6	0.5	0.4	41%
Global ads													
Trade Desk	TTD US	33,159	USD	68	NA	NA	52.1	50.8	40.0	17.2	14.3	11.9	15%
Applovin	APP US	14,372	USD	43	NA	NA	44.9	22.9	17.0	4.4	3.8	3.4	59%
Unity Software	U US	11,089	USD	29	NA	NA	42.9	27.0	20.1	5.2	4.5	3.9	21%
Meta	META US	864,271	USD	336	NA	NA	23.0	18.3	16.4	6.5	5.7	5.1	16%
Google	GOOGL US	1,683,540	USD	134	NA	NA	21.9	18.9	16.5	6.6	5.9	5.3	19%
Snapchat	SNAP US	20,004	USD	12	NA	NA	NA	99.7	76.0	4.3	3.8	3.3	99%
Average							22.5	21.8	17.5	5.4	4.8	4.2	17%
Domestic ads													
Tencent	700 HK	385,005	HKD	316	BUY	460	18.8	15.9	13.9	4.5	4.1	3.7	15%
Baidu	BIDU US	38,295	USD	110	BUY	199	10.6	10.5	9.4	2.1	1.9	1.7	6%
Weibo	WB US	2,731	USD	12	BUY	25	5.4	5.1	4.7	1.5	1.5	1.4	9%
XD Inc.	2400 HK	861	HKD	14	NA	NA	30.9	16.4	11.5	1.6	1.3	1.2	65%
Weimob	2013 HK	1,336	HKD	4	NA	NA	NA	NA	30.4	3.9	3.3	2.8	NA
Zhihu	ZH US	632	USD	1	BUY	2	NA	NA	20.7	1.1	0.9	0.8	NA
Focus Media	002027 CH	13,339	CNY	7	NA	NA	19.4	15.9	14.0	7.7	6.6	5.9	18%
Blue Focus Group	300058 CH	2,706	CNY	8	NA	NA	42.3	29.4	23.6	0.4	0.4	0.3	31%
Average							17.0	15.5	13.9	2.2	1.9	1.7	16%
SaaS													
Salesforce	CRM US	215,208	USD	221	NA	NA	27.1	24.1	20.2	6.2	5.6	5.0	17%
Youzan	8083 HK	286	HKD	0	NA	NA	NA	NA	NA	1.4	1.4	1.3	NA
Ming Yuan Cloud	909 HK	867	HKD	4	HOLD	6	NA	NA	60.8	3.8	3.5	3.1	NA
KE Holdings	BEKE US	18,758	USD	15	BUY	25	14.5	14.2	12.4	1.8	1.6	1.4	-2%
Average							20.8	19.1	16.3	2.3	2.1	1.9	7%
Average							20.6	17.2	15.4	3.3	2.9	2.6	14%

Source: Company data, BBG, CMBIGM estimates



Financial Summary

INCOME STATEMENT	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec (US\$ mn)						
Revenue	516	755	894	1,060	1,271	1,487
Cost of goods sold	(434)	(633)	(717)	(848)	(1,016)	(1,187)
Gross profit	82	122	177	212	256	300
Operating expenses	(87)	(134)	(175)	(194)	(225)	(263)
Selling expense	(17)	(47)	(66)	(53)	(61)	(71)
Admin expense	(44)	(28)	(49)	(48)	(53)	(62)
R&D expense	(32)	(69)	(107)	(102)	(120)	(140)
Others	6	9	47	8	9	10
Operating profit	(5)	(12)	2	18	31	37
Interest expense	(2)	(4)	(5)	(2)	(3)	(3)
Pre-tax profit	(7)	(31)	11	15	28	34
After tax profit	(5)	(25)	10	15	23	28
Minority interest	0	(0)	5	0	0	0
Net profit	(5)	(25)	15	15	23	28
Adjusted net profit	9	-4	10	20	33	40
BALANCE SHEET	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec (US\$ mn)						
Current assets	396	483	316	433	566	643
Cash & equivalents	39	160	106	145	272	269
Restricted cash	5	6	5	6	5	6
Account receivables	297	183	173	249	257	335
Financial assets at FVTPL	54	12	32	32	32	32
Other current assets	1	121	1	1	1	1
Non-current assets	102	264	286	211	185	158
PP&E	11	8	12	5	3	0
Deferred income tax	15	22	20	20	20	20
Intangibles	43	118	138	69	45	20
Goodwill	29	115	115	115	115	115
Other non-current assets	4	2	1	1	1	1
Current liabilities	221	350	311	325	411	430
Short-term borrowings	56	59	46	46	46	46
Account payables	150	215	251	267	353	372
Tax payable	10	8	7	7	7	7
Non-current liabilities	9	38	43	13	13	13
Long-term borrowings	0	0	0	0	0	0
Convertible bonds	0	28	30	0	0	0
Total liabilities	230	388	354	338	424	443
Share capital	15	17	16	16	16	16
Retained earnings	252	320	219	234	257	285
Total shareholders equity	268	337	235	250	273	301
Minority interest	0	22,554	12,636	12,636	12,636	12,636



CASH FLOW	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec (US\$ mn)						
Operating						
Profit before taxation	(7)	(31)	11	15	28	34
Depreciation & amortization	13	29	30	31	32	32
Tax paid	1	(3)	(1)	(0)	(5)	(6)
Change in working capital	(7)	36	46	(59)	77	(58)
Others	16	12	12	2	3	3
Net cash from operations	16	42	98	(12)	135	4
Investing						
Capital expenditure	(0)	(1)	(1)	(5)	(5)	(5)
Acquisition of subsidiaries/ investments	0	0	0	0	0	0
Net cash from investing	(30)	8	(79)	(4)	(4)	(4)
Financing						
Dividend paid	0	0	0	0	0	0
Net borrowings	0	4	0	0	0	0
Proceeds from share issues	0	0	0	0	0	0
Others	(15)	57	(5)	(2)	(3)	(3)
Net cash from financing	(14)	61	(5)	(2)	(3)	(3)
Net change in cash						
Cash at the beginning of the year	67	39	150	164	145	272
Cash at the end of the year	39	150	164	145	272	269
GROWTH	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec						
Revenue	3.2%	46.4%	18.4%	18.5%	19.9%	17.0%
Gross profit	(30.8%)	48.4%	45.2%	19.5%	20.9%	17.2%
Operating profit	na	na	na	683.8%	75.9%	18.6%
Net profit	na	na	na	0.1%	53.5%	20.7%
Adj. net profit	(60.9%)	14.5%	53.6%	33.6%	29.4%	10.5%
PROFITABILITY	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec						
Gross profit margin	15.9%	16.1%	19.8%	20.0%	20.1%	20.1%
Operating margin	(1.0%)	(1.6%)	0.3%	1.7%	2.4%	2.5%
Adj. net profit margin	1.7%	(0.5)%	1.1%	1.9%	2.6%	2.7%
Return on equity (ROE)	(2.0%)	(8.3%)	5.2%	6.2%	8.8%	9.7%
GEARING/LIQUIDITY/ACTIVITIES	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec						
Net debt to equity (x)	0.1	(0.3)	(0.3)	(0.4)	(0.8)	(0.7)
Current ratio (x)	1.8	1.4	1.0	1.3	1.4	1.5
Receivable turnover days	217.2	115.8	72.7	72.7	72.7	72.7
Payable turnover days	135.7	105.1	118.6	111.5	111.5	111.5
VALUATION	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec						
P/E (diluted)	67.3	na	65.5	32.1	19.6	16.6
P/B	3.0	4.4	4.3	2.6	2.4	2.2

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 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.