



## Company Note

### I Singapore

#### ADD (previously HOLD)

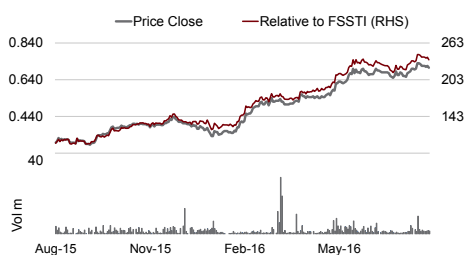
Consensus ratings\*: Buy 1 Hold 1 Sell 0

Current price:	S\$0.71
Target price:	S\$0.84
Previous target:	S\$0.73
Up/downside:	19.2%
CIMB / Consensus:	26.3%
Reuters:	MM2A.SI
Bloomberg:	MM2 SP
Market cap:	US\$268.9m
	S\$362.7m
Average daily turnover:	US\$1.06m
	S\$1.43m
Current shares o/s:	523.9m
Free float:	36.4%

\* Source: Bloomberg

#### Key changes in this note

- ▶ FY17F EPS increased by 20.3%.
- ▶ FY18F EPS increased by 13.9%.
- ▶ FY19F EPS increased by 10.1%.



Source: Bloomberg

Price performance	1M	3M	12M
Absolute (%)	2.9	21.6	135
Relative (%)	5.5	17.3	134.1

Major shareholders	% held
Wee Chye Ang	45.9
Yeo Khee Seng	9.2
Starhub Ltd	8.6

#### Analyst(s)



#### NGOH Yi Sin

T (65) 6210 8604  
E yisin.ngoh@cimb.com

#### William TNG, CFA

T (65) 6210 8676  
E william.tng@cimb.com

## mm2 Asia

### Beginning of next act

- mm2 sees potential opportunities in a changing media landscape in Singapore, left behind by incumbent broadcasting stations and channels (e.g. Mediacorp).
- FY17-19F earnings growth of 15-85% driven mainly by growing production budget and acquisitions as the company strengthens its foothold in North Asia.
- Near-term catalysts: synergistic M&As, transfer of listing status to Mainboard.
- We upgrade mm2 from Hold to Add with higher target price of \$0.84, ahead of potential catalysts.

#### Strategies and production updates

We recently met with management for business updates, during which they also shared their plans and strategies for the near-term, particularly on 1) capitalizing on the changing media landscape in Singapore, 2) organic growth via deeper penetration into North Asia and expansion of its existing product offerings to include format shows, 3) acquisitions of more cinemas in the region, and 4) more robust production pipeline.

#### Structural review of Mediacorp may spell opportunities

In Apr 16, Mediacorp announced that it will together with its major shareholder Temasek Holdings, review its operations to better position itself for future opportunities, while focusing on “content, capabilities and channels” in an age of competing online content sources. About 60% of local Public Service Broadcast (PSB) programmes are produced in-house by Mediacorp. This ratio is likely to come down as the national broadcaster outsources more of its production to independent companies like mm2.

#### Greater penetration into North Asia

Apart from an increasing number of movie productions in North Asia, mm2 has also broadened its offerings to TV dramas (Rmb70m collaboration), and potentially format show production. Local adaptations of format shows such as “The Voice of China” and “Dad, where are we going?” have proven to be hits in recent years. Management targets to increase the contribution from North Asia productions (22% of FY16 revenue) to more than 70% over the next three years, given the bigger market and production budget.

#### Potentially more cinemas to come

mm2 acquired five cinemas in Malaysia (2 Cathay, 3 Mega cineplexes) in 2015, which have since been rebranded as mmCineplexes and are mostly situated in prime locations with good footfall. The cinema business offers recurring income and an extension of media network with international production studios for future partnership prospects, which we view as complementary to mm2’s existing core business of content production. Management plans to expand its theatre footprint in both Malaysia and Singapore.

#### Upgrade from Hold to Add; catalysts in sight

We update our model to reflect 1) higher production budget, 2) the completed acquisition of Unusual Group (51% stake) on 11 Aug, and 3) higher capex needs. Our FY17-19F EPS estimates thus increase by 10-20%. We upgrade mm2 from Hold to Add with a higher target price of S\$0.84 (pegged to 22x CY17 P/E, peers’ average). Potential catalysts include the successful transfer of listing status from Catalyst to Mainboard, and earnings-accretive M&A. Key downside risk is unexpected production delay.

#### Financial Summary

	Mar-15A	Mar-16A	Mar-17F	Mar-18F	Mar-19F
Revenue (S\$m)	24.3	38.3	89.7	114.9	128.9
Operating EBITDA (S\$m)	9.87	19.07	33.07	43.53	54.39
Net Profit (S\$m)	5.08	8.18	17.90	20.82	23.99
Core EPS (S\$)	0.012	0.018	0.034	0.040	0.046
Core EPS Growth	57.7%	50.3%	84.8%	15.7%	15.2%
FD Core P/E (x)	60.91	39.73	20.64	17.84	15.48
DPS (S\$)	-	-	-	-	-
Dividend Yield	0%	0%	0%	0%	0%
EV/EBITDA (x)	29.00	16.31	11.29	8.72	7.18
P/FCFE (x)	NA	NA	NA	NA	NA
Net Gearing	(28.4%)	(4.6%)	0.6%	1.3%	6.2%
P/BV (x)	15.20	8.62	4.33	3.50	2.85
ROE	44.5%	29.5%	29.4%	21.7%	20.3%
% Change In Core EPS Estimates			20.2%	13.9%	10.1%
CIMB/consensus EPS (x)			1.07	0.99	

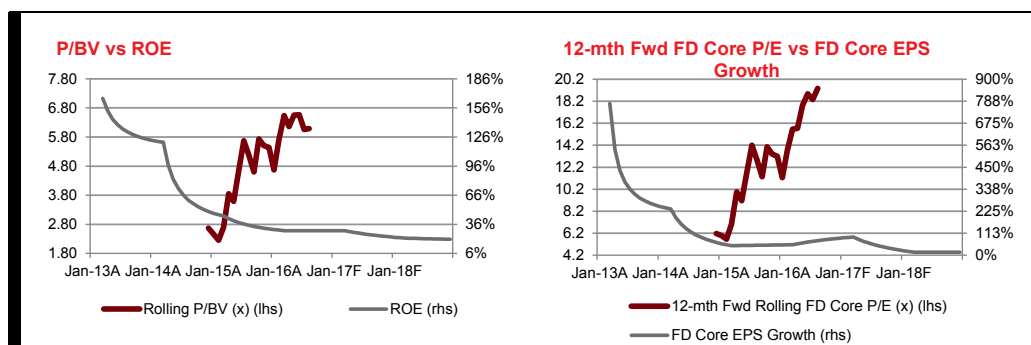
SOURCE: COMPANY DATA, CIMB FORECASTS

**Figure 1: Peers comparison**

Company	Bloomberg Ticker	Recom.	Price (lcl curr)	Target Price (lcl curr)	Market Cap (US\$ m)	Core P/E (x)		3-year EPS CAGR (%)	P/BV (x)		Recurring ROE (%)		Dividend Yield (%)	
						CY2016	CY2017		CY2016	CY2017	CY2016	CY2017	CY2016	CY2017
mm2 Asia Ltd	mm2 SP	ADD	0.71	0.84	269	23.2	18.5	38.0%	4.9	3.7	28.9%	23.1%	na	na
<b>Regional</b>														
Spackman Entertainment Group L	SEG SP	Not rated	0.09	na	27	na	na	na	na	na	na	na	na	na
Village Roadshow Ltd	VRL AU	Not rated	5.26	na	647	15.2	13.4	-11.3%	1.6	1.7	11.1%	12.1%	5.5%	5.9%
Alibaba Pictures Group Ltd	1060 HK	Not rated	1.59	na	5,175	69.1	na	-41.2%	na	na	-2.0%	-3.0%	na	na
IMAX China Holding Inc	1970 HK	Add	44.50	47.28	2,040	40.5	30.9	26.3%	9.6	7.2	27.2%	26.6%	0.0%	0.0%
Media Asia Group Holdings Ltd	8075 HK	Not rated	0.46	na	127	na	na	na	na	na	na	na	na	na
China 3D Digital Entertainment	8078 HK	Not rated	0.94	na	662	na	na	na	na	na	na	na	na	na
Interactive Entertainment Chin	8081 HK	Not rated	0.05	na	33	na	na	na	na	na	na	na	na	na
Huayi Brothers Media Corp	300027 CH	Not rated	13.37	na	5,597	31.6	29.6	12.4%	3.7	3.4	9.7%	10.8%	0.5%	0.6%
YG Entertainment Inc	122870 KS	Not rated	32,500	na	479	18.4	17.8	1.3%	2.3	2.1	12.3%	11.7%	1.1%	1.1%
CJ E&M Corp	130960 KS	Not rated	66,200	na	2,289	27.3	23.3	34.2%	1.6	1.5	5.8%	6.4%	0.3%	0.3%
SHOWBOX Corp	086980 KS	Not rated	6,560	na	367	31.1	22.2	24.0%	3.2	2.9	10.8%	13.5%	0.8%	0.8%
<b>Simple average</b>						<b>33.3</b>	<b>22.9</b>	<b>6.5%</b>	<b>3.7</b>	<b>3.1</b>	<b>10.7%</b>	<b>11.1%</b>	<b>1.3%</b>	<b>1.4%</b>
<b>International</b>														
Comcast Corp	CMCSA US	Not rated	65.7	na	158,360	18.7	16.9	na	2.9	2.7	15.7%	15.9%	1.7%	1.9%
Walt Disney Co/The	DIS US	Not rated	96.0	na	154,234	16.6	15.6	-0.7%	3.6	3.4	21.4%	22.0%	1.4%	1.7%
Twenty-First Century Fox Inc	FOX US	Not rated	25.5	na	46,805	14.1	12.9	na	3.3	3.0	21.6%	26.6%	1.3%	1.6%
Time Warner Inc	TWX US	Not rated	80.7	na	62,772	14.9	13.4	13.5%	2.6	2.4	17.8%	19.1%	2.0%	2.1%
<b>Simple average</b>						<b>16.1</b>	<b>14.7</b>	<b>6.4%</b>	<b>3.1</b>	<b>2.9</b>	<b>19.1%</b>	<b>20.9%</b>	<b>1.6%</b>	<b>1.8%</b>
<b>Simple average (overall excluding mm2)</b>						<b>24.7</b>	<b>18.8</b>	<b>6.5%</b>	<b>3.4</b>	<b>3.0</b>	<b>14.9%</b>	<b>16.0%</b>	<b>1.5%</b>	<b>1.6%</b>

SOURCES: CIMB, COMPANY REPORTS, BLOOMBERG

## BY THE NUMBERS



### Profit & Loss

(\$m)	Mar-15A	Mar-16A	Mar-17F	Mar-18F	Mar-19F
<b>Total Net Revenues</b>	<b>24.29</b>	<b>38.34</b>	<b>89.70</b>	<b>114.90</b>	<b>128.89</b>
<b>Gross Profit</b>	<b>9.50</b>	<b>18.39</b>	<b>37.23</b>	<b>46.11</b>	<b>53.27</b>
<b>Operating EBITDA</b>	<b>9.87</b>	<b>19.07</b>	<b>33.07</b>	<b>43.53</b>	<b>54.39</b>
Depreciation And Amortisation	(3.29)	(8.98)	(7.90)	(13.45)	(20.40)
<b>Operating EBIT</b>	<b>6.57</b>	<b>10.09</b>	<b>25.17</b>	<b>30.08</b>	<b>33.98</b>
Financial Income/(Expense)	(0.02)	(0.39)	(0.05)	(0.05)	(0.05)
Pretax Income/(Loss) from Assoc.	0.00	0.00	0.00	0.00	0.00
Non-Operating Income/(Expense)	0.03	0.29	0.00	0.00	0.00
<b>Profit Before Tax (pre-EI)</b>	<b>6.58</b>	<b>9.99</b>	<b>25.12</b>	<b>30.03</b>	<b>33.93</b>
Exceptional Items					
<b>Pre-tax Profit</b>	<b>6.58</b>	<b>9.99</b>	<b>25.12</b>	<b>30.03</b>	<b>33.93</b>
Taxation	(1.50)	(1.10)	(4.77)	(5.71)	(6.45)
Exceptional Income - post-tax					
<b>Profit After Tax</b>	<b>5.08</b>	<b>8.90</b>	<b>20.35</b>	<b>24.32</b>	<b>27.49</b>
Minority Interests	0.00	(0.72)	(2.45)	(3.50)	(3.50)
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
<b>Net Profit</b>	<b>5.08</b>	<b>8.18</b>	<b>17.90</b>	<b>20.82</b>	<b>23.99</b>
Recurring Net Profit	5.08	8.18	17.90	20.82	23.99
<b>Fully Diluted Recurring Net Profit</b>	<b>5.08</b>	<b>8.18</b>	<b>17.90</b>	<b>20.82</b>	<b>23.99</b>

### Cash Flow

(\$m)	Mar-15A	Mar-16A	Mar-17F	Mar-18F	Mar-19F
<b>EBITDA</b>	<b>9.87</b>	<b>19.07</b>	<b>33.07</b>	<b>43.53</b>	<b>54.39</b>
Cash Flow from Inv. & Assoc.	0.00	0.00	0.00	0.00	0.00
Change In Working Capital	(12.01)	(22.57)	(20.02)	(35.46)	(54.18)
(Incr)/Decr in Total Provisions					
Other Non-Cash (Income)/Expense	0.00	0.12	0.00	0.00	0.00
Other Operating Cashflow					
Net Interest (Paid)/Received	(0.02)	(0.38)	(0.05)	(0.05)	(0.05)
Tax Paid	(0.07)	(0.09)	(4.77)	(5.71)	(6.45)
<b>Cashflow From Operations</b>	<b>(2.23)</b>	<b>(3.84)</b>	<b>8.23</b>	<b>2.32</b>	<b>(6.29)</b>
Capex	(0.03)	(0.59)	(1.00)	(1.00)	(1.00)
Disposals Of FAs/subsidiaries					
Acq. Of Subsidiaries/investments	0.00	(7.71)	(40.70)	(2.17)	0.00
Other Investing Cashflow	(1.94)	(0.23)	0.00	0.00	0.00
<b>Cash Flow From Investing</b>	<b>(1.98)</b>	<b>(8.53)</b>	<b>(41.70)</b>	<b>(3.17)</b>	<b>(1.00)</b>
Debt Raised/(repaid)	2.92	2.30	19.95	(0.05)	(0.05)
Proceeds From Issue Of Shares	7.75	9.10	31.30	0.00	0.00
Shares Repurchased					
Dividends Paid					
Preferred Dividends					
Other Financing Cashflow					
<b>Cash Flow From Financing</b>	<b>10.67</b>	<b>11.39</b>	<b>51.25</b>	<b>(0.05)</b>	<b>(0.05)</b>
Total Cash Generated	6.46	(0.97)	17.78	(0.90)	(7.34)
<b>Free Cashflow To Equity</b>	<b>(1.29)</b>	<b>(10.07)</b>	<b>(13.52)</b>	<b>(0.90)</b>	<b>(7.34)</b>
<b>Free Cashflow To Firm</b>	<b>(4.19)</b>	<b>(11.98)</b>	<b>(33.42)</b>	<b>(0.80)</b>	<b>(7.24)</b>

## BY THE NUMBERS

### Balance Sheet

(S\$m)	Mar-15A	Mar-16A	Mar-17F	Mar-18F	Mar-19F
Total Cash And Equivalents	5.76	4.74	22.52	21.62	14.28
Total Debtors	20.58	24.42	44.24	56.66	63.56
Inventories	0.00	0.26	0.26	0.26	0.26
Total Other Current Assets	4.77	9.83	20.23	33.26	44.32
<b>Total Current Assets</b>	<b>31.11</b>	<b>39.25</b>	<b>87.25</b>	<b>111.81</b>	<b>122.42</b>
Fixed Assets	0.10	3.65	3.65	3.65	3.65
Total Investments	0.00	0.00	40.70	42.87	42.87
Intangible Assets	6.35	25.28	25.40	35.75	58.00
Total Other Non-Current Assets	0.01	0.80	0.80	0.80	0.80
<b>Total Non-current Assets</b>	<b>6.46</b>	<b>29.73</b>	<b>70.55</b>	<b>83.07</b>	<b>105.32</b>
Short-term Debt	0.22	0.20	0.20	0.20	0.20
Current Portion of Long-Term Debt					
Total Creditors	15.02	24.41	41.58	54.32	59.65
Other Current Liabilities	1.15	3.61	3.61	3.61	3.61
<b>Total Current Liabilities</b>	<b>16.38</b>	<b>28.22</b>	<b>45.39</b>	<b>58.13</b>	<b>63.47</b>
Total Long-term Debt	0.09	2.85	22.85	22.85	22.85
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities	0.00	0.00	0.00	0.00	0.00
<b>Total Non-current Liabilities</b>	<b>0.09</b>	<b>2.85</b>	<b>22.85</b>	<b>22.85</b>	<b>22.85</b>
Total Provisions	1.92	0.75	0.75	0.75	0.75
<b>Total Liabilities</b>	<b>18.39</b>	<b>31.82</b>	<b>68.99</b>	<b>81.73</b>	<b>87.06</b>
Shareholders' Equity	19.18	36.19	85.39	106.21	130.19
Minority Interests	0.00	0.98	3.43	6.93	10.43
<b>Total Equity</b>	<b>19.18</b>	<b>37.17</b>	<b>88.81</b>	<b>113.14</b>	<b>140.62</b>

### Key Ratios

	Mar-15A	Mar-16A	Mar-17F	Mar-18F	Mar-19F
Revenue Growth	51%	58%	134%	28%	12%
Operating EBITDA Growth	36.7%	93.4%	73.4%	31.6%	24.9%
Operating EBITDA Margin	40.6%	49.8%	36.9%	37.9%	42.2%
Net Cash Per Share (S\$)	0.013	0.004	(0.001)	(0.003)	(0.017)
BVPS (S\$)	0.05	0.08	0.16	0.20	0.25
Gross Interest Cover	365.1	26.1	503.4	601.6	679.7
Effective Tax Rate	22.7%	11.0%	19.0%	19.0%	19.0%
Net Dividend Payout Ratio	NA	NA	NA	NA	NA
Accounts Receivables Days	240.0	214.8	139.7	160.3	170.2
Inventory Days	0.00	2.42	1.84	1.40	1.27
Accounts Payables Days	325.8	356.1	225.3	251.2	272.1
ROIC (%)	126%	64%	69%	61%	47%
ROCE (%)	48.3%	32.4%	32.8%	24.1%	22.6%
Return On Average Assets	18.5%	17.4%	18.0%	13.8%	13.0%

### Key Drivers

	Mar-15A	Mar-16A	Mar-17F	Mar-18F	Mar-19F
TV Adex Rate (% Change)	N/A	N/A	N/A	N/A	N/A
Average Utilisation Rate (%)	N/A	N/A	N/A	N/A	N/A
Prime Time Utilisation Rate (%)	N/A	N/A	N/A	N/A	N/A
Non Prime Time Utilisation Rate (%)	N/A	N/A	N/A	N/A	N/A
Programming Costs (% Change)	80.8%	28.5%	85.6%	25.3%	15.0%
Newsppr adex rev. grth (%)	0.0%	0.0%	248.3%	6.0%	6.0%
Newspaper ASP (% Change)	N/A	N/A	N/A	N/A	N/A
Newsppr circulation grth (%)	N/A	N/A	N/A	N/A	N/A
Newsprint Cost (% Change)	N/A	N/A	N/A	N/A	N/A

SOURCE: CIMB RESEARCH, COMPANY DATA

**DISCLAIMER**

#01

The content of this report (including the views and opinions expressed therein, and the information comprised therein) has been prepared by and belongs to CIMB and is distributed by CIMB.

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.

By accepting this report, the recipient hereof represents and warrants that he is entitled to receive such report in accordance with the restrictions set forth below and agrees to be bound by the limitations contained herein (including the "Restrictions on Distributions" set out below). Any failure to comply with these limitations may constitute a violation of law. This publication is being supplied to you strictly on the basis that it will remain confidential. No part of this report may be (i) copied, photocopied, duplicated, stored or reproduced in any form by any means or (ii) redistributed or passed on, directly or indirectly, to any other person in whole or in part, for any purpose without the prior written consent of CIMB.

The information contained in this research report is prepared from data believed to be correct and reliable at the time of issue of this report. CIMB may or may not issue regular reports on the subject matter of this report at any frequency and may cease to do so or change the periodicity of reports at any time. CIMB is under no obligation to update this report in the event of a material change to the information contained in this report. CIMB has no, and will not accept any, obligation to (i) check or ensure that the contents of this report remain current, reliable or relevant, (ii) ensure that the content of this report constitutes all the information a prospective investor may require, (iii) ensure the adequacy, accuracy, completeness, reliability or fairness of any views, opinions and information, and accordingly, CIMB, or any of their respective affiliates, or its related persons (and their respective directors, associates, connected persons and/or employees) shall not be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof. In particular, CIMB disclaims all responsibility and liability for the views and opinions set out in this report.

Unless otherwise specified, this report is based upon sources which CIMB considers to be reasonable. Such sources will, unless otherwise specified, for market data, be market data and prices available from the main stock exchange or market where the relevant security is listed, or, where appropriate, any other market. Information on the accounts and business of company(ies) will generally be based on published statements of the company(ies), information disseminated by regulatory information services, other publicly available information and information resulting from our research.

Whilst every effort is made to ensure that statements of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable as of the date of the document in which they are contained and must not be construed as a representation that the matters referred to therein will occur. Past performance is not a reliable indicator of future performance. The value of investments may go down as well as up and those investing may, depending on the investments in question, lose more than the initial investment. No report shall constitute an offer or an invitation by or on behalf of CIMB or its affiliates to any person to buy or sell any investments.

CIMB, its affiliates and related companies, their directors, associates, connected parties and/or employees may own or have positions in securities of the company(ies) covered in this research report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities. Further, CIMB, its affiliates and its related companies do and seek to do business with the company(ies) covered in this research report and may from time to time act as market maker or have assumed an underwriting commitment in securities of such company(ies), may sell them to or buy them from customers on a principal basis and may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) as well as solicit such investment, advisory or other services from any entity mentioned in this report.

CIMB or its affiliates may enter into an agreement with the company(ies) covered in this report relating to the production of research reports. CIMB may disclose the contents of this report to the company(ies) covered by it and may have amended the contents of this report following such disclosure.

The analyst responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and autonomously. No part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations(s) or view(s) in this report. CIMB prohibits the analyst(s) who prepared this research report from receiving any compensation, incentive or bonus based on specific investment banking transactions or for providing a specific recommendation for, or view of, a particular company. Information barriers and other arrangements may be established where necessary to prevent conflicts of interests arising. However, the analyst(s) may receive compensation that is based on his/their coverage of company(ies) in the performance of his/their duties or the performance of his/their recommendations and the research personnel involved in the preparation of this report may also participate in the solicitation of the businesses as described above. In reviewing this research report, an investor should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additional information is, subject to the duties of confidentiality, available on request.

Reports relating to a specific geographical area are produced by the corresponding CIMB entity as listed in the table below. The term "CIMB" shall denote, where appropriate, the relevant entity distributing or disseminating the report in the particular jurisdiction referenced below, or, in every other case, CIMB Group Holdings Berhad ("**CIMBGH**") and its affiliates, subsidiaries and related companies.

Country	CIMB Entity	Regulated by
Hong Kong	CIMB Securities Limited	Securities and Futures Commission Hong Kong
India	CIMB Securities (India) Private Limited	Securities and Exchange Board of India (SEBI)
Indonesia	PT CIMB Securities Indonesia	Financial Services Authority of Indonesia
Malaysia	CIMB Investment Bank Berhad	Securities Commission Malaysia
Singapore	CIMB Research Pte. Ltd.	Monetary Authority of Singapore
South Korea	CIMB Securities Limited, Korea Branch	Financial Services Commission and Financial Supervisory Service
Taiwan	CIMB Securities Limited, Taiwan Branch	Financial Supervisory Commission
Thailand	CIMB Securities (Thailand) Co. Ltd.	Securities and Exchange Commission Thailand

(i) As of August 24, 2016 CIMB has a proprietary position in the securities (which may include but not limited to shares, warrants, call warrants and/or any other derivatives) in the following company or companies covered or recommended in this report:

(a) mm2 Asia

(ii) As of August 24, 2016, the analyst(s) who prepared this report, and the associate(s), has / have an interest in the securities (which may include but not limited to shares, warrants, call warrants and/or any other derivatives) in the following company or companies covered or recommended in this report:

(a) -

This report does not purport to contain all the information that a prospective investor may require. CIMB or any of its affiliates does not make any guarantee, representation or warranty, express or implied, as to the adequacy, accuracy, completeness, reliability or fairness of any such information and opinion contained in this report. Neither CIMB nor any of its affiliates nor its related persons shall be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof.

This report is general in nature and has been prepared for information purposes only. It is intended for circulation amongst CIMB and its affiliates' clients generally and does not have regard to the specific investment objectives, financial situation and the particular needs of any specific person who may receive this report. The information and opinions in this report are not and should not be construed or considered as an offer, recommendation or solicitation to buy or sell the subject securities, related investments or other financial instruments or any derivative instrument, or any rights pertaining thereto.

Investors are advised to make their own independent evaluation of the information contained in this research report, consider their own individual investment objectives, financial situation and particular needs and consult their own professional and financial advisers as to the legal, business, financial, tax and other aspects before participating in any transaction in respect of the securities of company(ies) covered in this research report. The securities of such company(ies) may not be eligible for sale in all jurisdictions or to all categories of investors.

**Australia:** Despite anything in this report to the contrary, this research is provided in Australia by CIMB Securities (Singapore) Pte. Ltd. and CIMB Securities Limited. This research is only available in Australia to persons who are "wholesale clients" (within the meaning of the Corporations Act 2001 (Cth) and is supplied solely for the use of such wholesale clients and shall not be distributed or passed on to any other person. You represent and warrant that if you are in Australia, you are a "wholesale client". This research is of a general nature only and has been prepared without taking into account the objectives, financial situation or needs of the individual recipient. CIMB Securities (Singapore) Pte. Ltd. and CIMB Securities Limited do not hold, and are not required to hold an Australian financial services licence. CIMB Securities (Singapore) Pte. Ltd. and CIMB Securities Limited rely on "passporting" exemptions for entities appropriately licensed by the Monetary Authority of Singapore (under ASIC Class Order 03/1102) and the Securities and Futures Commission in Hong Kong (under ASIC Class Order 03/1103).

**Canada:** This research report has not been prepared in accordance with the disclosure requirements of Dealer Member Rule 3400 – Research Restrictions and Disclosure Requirements of the Investment Industry Regulatory Organization of Canada. For any research report distributed by CIBC, further disclosures related to CIBC conflicts of interest can be found at <https://researchcentral.cibcwm.com>.

**China:** For the purpose of this report, the People's Republic of China ("PRC") does not include the Hong Kong Special Administrative Region, the Macau Special Administrative Region or Taiwan. The distributor of this report has not been approved or licensed by the China Securities Regulatory Commission or any other relevant regulatory authority or governmental agency in the PRC. This report contains only marketing information. The distribution of this report is not an offer to buy or sell to any person within or outside PRC or a solicitation to any person within or outside of PRC to buy or sell any instruments described herein. This report is being issued outside the PRC to a limited number of institutional investors and may not be provided to any person other than the original recipient and may not be reproduced or used for any other purpose.

**France:** Only qualified investors within the meaning of French law shall have access to this report. This report shall not be considered as an offer to subscribe to, or used in connection with, any offer for subscription or sale or marketing or direct or indirect distribution of financial instruments and it is not intended as a solicitation for the purchase of any financial instrument.

**Germany:** This report is only directed at persons who are professional investors as defined in sec 31a(2) of the German Securities Trading Act (WpHG). This publication constitutes research of a non-binding nature on the market situation and the investment instruments cited here at the time of the publication of the information.

The current prices/yields in this issue are based upon closing prices from Bloomberg as of the day preceding publication. Please note that neither the German Federal Financial Supervisory Agency (BaFin), nor any other supervisory authority exercises any control over the content of this report.

**Hong Kong:** This report is issued and distributed in Hong Kong by CIMB Securities Limited ("CHK") which is licensed in Hong Kong by the Securities and Futures Commission for Type 1 (dealing in securities), Type 4 (advising on securities) and Type 6 (advising on corporate finance) activities. Any investors wishing to purchase or otherwise deal in the securities covered in this report should contact the Head of Sales at CIMB Securities Limited. The views and opinions in this research report are our own as of the date hereof and are subject to change. If the Financial Services and Markets Act of the United Kingdom or the rules of the Financial Conduct Authority apply to a recipient, our obligations owed to such

recipient therein are unaffected. CHK has no obligation to update its opinion or the information in this research report.

This publication is strictly confidential and is for private circulation only to clients of CHK.

CIMB Securities Limited does not make a market on the securities mentioned in the report.

**India:** This report is issued and distributed in India by CIMB Securities (India) Private Limited ("CIMB India") which is registered with SEBI as a stock-broker under the Securities and Exchange Board of India (Stock Brokers and Sub-Brokers) Regulations, 1992, the Securities and Exchange Board of India (Research Analyst) Regulations, 2014 (SEBI Registration Number INH000000669) and in accordance with the provisions of Regulation 4 (g) of the Securities and Exchange Board of India (Investment Advisers) Regulations, 2013, CIMB India is not required to seek registration with SEBI as an Investment Adviser.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from equity stock broking and merchant banking of CIMB India and they have received compensation based upon various factors, including quality, accuracy and value of research, firm profitability or revenues, client feedback and competitive factors. Research analysts', strategists' or economists' compensation is not linked to investment banking or capital markets transactions performed or proposed to be performed by CIMB India or its affiliates."

**Indonesia:** This report is issued and distributed by PT CIMB Securities Indonesia ("CIMBI"). The views and opinions in this research report are our own as of the date hereof and are subject to change. If the Financial Services and Markets Act of the United Kingdom or the rules of the Financial Conduct Authority apply to a recipient, our obligations owed to such recipient therein are unaffected. CIMBI has no obligation to update its opinion or the information in this research report. Neither this report nor any copy hereof may be distributed in Indonesia or to any Indonesian citizens wherever they are domiciled or to Indonesian residents except in compliance with applicable Indonesian capital market laws and regulations.

This research report is not an offer of securities in Indonesia. The securities referred to in this research report have not been registered with the Financial Services Authority (Otoritas Jasa Keuangan) pursuant to relevant capital market laws and regulations, and may not be offered or sold within the territory of the Republic of Indonesia or to Indonesian citizens through a public offering or in circumstances which constitute an offer within the meaning of the Indonesian capital market law and regulations.

**Ireland:** CIMB is not an investment firm authorised in the Republic of Ireland and no part of this document should be construed as CIMB acting as, or otherwise claiming or representing to be, an investment firm authorised in the Republic of Ireland.

**Malaysia:** This report is issued and distributed by CIMB Investment Bank Berhad ("CIMB") solely for the benefit of and for the exclusive use of our clients. If the Financial Services and Markets Act of the United Kingdom or the rules of the Financial Conduct Authority apply to a recipient, our obligations owed to such recipient therein are unaffected. CIMB has no obligation to update, revise or reaffirm its opinion or the information in this research reports after the date of this report.

**New Zealand:** In New Zealand, this report is for distribution only to persons who are wholesale clients pursuant to section 5C of the Financial Advisers Act 2008.

**Singapore:** This report is issued and distributed by CIMB Research Pte Ltd ("CIMBR"). CIMBR is a financial adviser licensed under the Financial Advisers Act, Cap 110 ("FAA") for advising on investment products, by issuing or promulgating research analyses or research reports, whether in electronic, print or other form. Accordingly CIMBR is a subject to the applicable rules under the FAA unless it is able to avail itself to any prescribed exemptions.

Recipients of this report are to contact CIMB Research Pte Ltd, 50 Raffles Place, #19-00 Singapore Land Tower, Singapore in respect of any matters arising from, or in connection with this report. CIMBR has no obligation to update its opinion or the information in this research report. This publication is strictly confidential and is for private circulation only. If you have not been sent this report by CIMBR directly, you may not rely, use or disclose to anyone else this report or its contents.

If the recipient of this research report is not an accredited investor, expert investor or institutional investor, CIMBR accepts legal responsibility for the contents of the report without any disclaimer limiting or otherwise curtailing such legal responsibility. If the recipient is an accredited investor, expert investor or institutional investor, the recipient is deemed to acknowledge that CIMBR is exempt from certain requirements under the FAA and its attendant regulations, and as such, is exempt from complying with the following :

- (a) Section 25 of the FAA (obligation to disclose product information);
- (b) Section 27 (duty not to make recommendation with respect to any investment product without having a reasonable basis where you may be reasonably expected to rely on the recommendation) of the FAA;
- (c) MAS Notice on Information to Clients and Product Information Disclosure [Notice No. FAA-N03];
- (d) MAS Notice on Recommendation on Investment Products [Notice No. FAA-N16];
- (e) Section 36 (obligation on disclosure of interest in securities), and
- (f) any other laws, regulations, notices, directive, guidelines, circulars and practice notes which are relates to the above, to the extent permitted by applicable laws, as may be amended from time to time, and any other laws, regulations, notices, directive, guidelines, circulars, and practice notes as we may notify you from time to time. In addition, the recipient who is an accredited investor, expert investor or institutional investor acknowledges that a CIMBR is exempt from Section 27 of the FAA, the recipient will also not be able to file a civil claim against CIMBR for any loss or damage arising from the recipient's reliance on any recommendation made by CIMBR which would otherwise be a right that is available to the recipient under Section 27 of the FAA, the recipient will also not be able to file a civil claim against CIMBR for any loss or damage arising from the recipient's reliance on any recommendation made by CIMBR which would otherwise be a right that is available to the recipient under Section 27 of the FAA.

CIMB Research Pte Ltd ("CIMBR"), its affiliates and related companies, their directors, associates, connected parties and/or employees may own or have positions in securities of the company(ies) covered in this research report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities. Further, CIMBR, its affiliates and its related companies do and seek to do business with the company(ies) covered in this research report and may from time to time act as market maker or have assumed an underwriting

commitment in securities of such company(ies), may sell them to or buy them from customers on a principal basis and may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) as well as solicit such investment, advisory or other services from any entity mentioned in this report.

As of August 24, 2016, CIMBR does not have a proprietary position in the recommended securities in this report.

CIMB Securities Singapore Pte Ltd and/or CIMB Bank does not make a market on the securities mentioned in the report.

**South Korea:** This report is issued and distributed in South Korea by CIMB Securities Limited, Korea Branch ("CIMB Korea") which is licensed as a cash equity broker, and regulated by the Financial Services Commission and Financial Supervisory Service of Korea. In South Korea, this report is for distribution only to professional investors under Article 9(5) of the Financial Investment Services and Capital Market Act of Korea ("FSCMA").

**Spain:** This document is a research report and it is addressed to institutional investors only. The research report is of a general nature and not personalised and does not constitute investment advice so, as the case may be, the recipient must seek proper advice before adopting any investment decision. This document does not constitute a public offering of securities.

CIMB is not registered with the Spanish Comision Nacional del Mercado de Valores to provide investment services.

**Sweden:** This report contains only marketing information and has not been approved by the Swedish Financial Supervisory Authority. The distribution of this report is not an offer to sell to any person in Sweden or a solicitation to any person in Sweden to buy any instruments described herein and may not be forwarded to the public in Sweden.

**Switzerland:** This report has not been prepared in accordance with the recognized self-regulatory minimal standards for research reports of banks issued by the Swiss Bankers' Association (Directives on the Independence of Financial Research).

**Taiwan:** This research report is not an offer or marketing of foreign securities in Taiwan. The securities as referred to in this research report have not been and will not be registered with the Financial Supervisory Commission of the Republic of China pursuant to relevant securities laws and regulations and may not be offered or sold within the Republic of China through a public offering or in circumstances which constitutes an offer or a placement within the meaning of the Securities and Exchange Law of the Republic of China that requires a registration or approval of the Financial Supervisory Commission of the Republic of China.

**Thailand:** This report is issued and distributed by CIMB Securities (Thailand) Company Limited ("CIMBS") based upon sources believed to be reliable (but their accuracy, completeness or correctness is not guaranteed). The statements or expressions of opinion herein were arrived at after due and careful consideration for use as information for investment. Such opinions are subject to change without notice and CIMBS has no obligation to update its opinion or the information in this research report.

If the Financial Services and Markets Act of the United Kingdom or the rules of the Financial Conduct Authority apply to a recipient, our obligations owed to such recipient are unaffected.

CIMB Securities (Thailand) Co., Ltd. may act or acts as Market Maker, and issuer and offerer of Derivative Warrants and Structured Note which may have the following securities as its underlying securities. Investors should carefully read and study the details of the derivative warrants in the prospectus before making investment decisions.

AAV, ADVANC, AMATA, ANAN, AOT, AP, BA, BANPU, BBL, BCH, BCP, BDMS, BEAUTY, BEC, BEM, BH, BJCHI, BLA, BLAND, BTS, CBG, CENTEL, CHG, CK, CKP, COM7, CPALL, CPF, CPN, DELTA, DTAC, EGCO, EPG, ERW, GL, GLOBAL, GLOW, GPSC, GUNKUL, HANA, HMPRO, ICHI, IFEC, INTUCH, IRPC, ITD, IVL, JWD, KBANK, KCE, KKP, KTB, KTC, LH, LHBANK, LPN, MAJOR, MINT, MTLs, PLANB, PS, PTG, PTT, PTTEP, PTTGC, QH, ROBINS, RS, S, SAMART, SAWAD, SCB, SCC, SGP, SIRI, SPALI, SPCG, STEC, STPI, SVI, TASCO, TCAP, THAI, THCOM, TISCO, TMB, TOP, TPIPL, TRC, TRUE, TTA, TTCL, TTW, TU, TVO, UNIQ, VGI, VNG, WHA, WORK.

#### Corporate Governance Report:

The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an evaluation of operation and is not based on inside information.

The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date. CIMBS does not confirm nor certify the accuracy of such survey result.

<b>Score Range:</b>	90 - 100	80 - 89	70 - 79	Below 70 or	No Survey Result
<b>Description:</b>	Excellent	Very Good	Good	N/A	

**United Arab Emirates:** The distributor of this report has not been approved or licensed by the UAE Central Bank or any other relevant licensing authorities or governmental agencies in the United Arab Emirates. This report is strictly private and confidential and has not been reviewed by, deposited or registered with UAE Central Bank or any other licensing authority or governmental agencies in the United Arab Emirates. This report is being issued outside the United Arab Emirates to a limited number of institutional investors and must not be provided to any person other than the original recipient and may not be reproduced or used for any other purpose. Further, the information contained in this report is not intended to lead to the sale of investments under any subscription agreement or the conclusion of any other contract of whatsoever nature within the territory of the United Arab Emirates.

**United Kingdom:** In the United Kingdom and European Economic Area, this report is being disseminated by CIMB Securities (UK) Limited ("CIMB UK"). CIMB UK is authorized and regulated by the Financial Conduct Authority and its registered office is at 27 Knightsbridge, London, SW1X7YB. Unless specified to the contrary, this report has been issued and approved for distribution in the U.K. and the EEA by CIMB UK. Investment research issued by CIMB UK has been prepared in accordance with CIMB Group's policies for managing conflicts of interest arising as a result of publication and distribution of investment research. This report is for distribution only to, and is solely directed at, selected persons on the basis that those persons: (a) are eligible counterparties and professional clients of CIMB UK; (b) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended,



the “Order”), (c) fall within Article 49(2)(a) to (d) (“high net worth companies, unincorporated associations etc”) of the Order; (d) are outside the United Kingdom subject to relevant regulation in each jurisdiction, or (e) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000) in connection with any investments to which this report relates may otherwise lawfully be communicated or caused to be communicated (all such persons together being referred to as “relevant persons”). This report is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this report relates is available only to relevant persons and will be engaged in only with relevant persons.

Where this report is labelled as non-independent, it does not provide an impartial or objective assessment of the subject matter and does not constitute independent “investment research” under the applicable rules of the Financial Conduct Authority in the UK. Consequently, any such non-independent report will not have been prepared in accordance with legal requirements designed to promote the independence of investment research and will not be subject to any prohibition on dealing ahead of the dissemination of investment research. Any such non-independent report must be considered as a marketing communication.

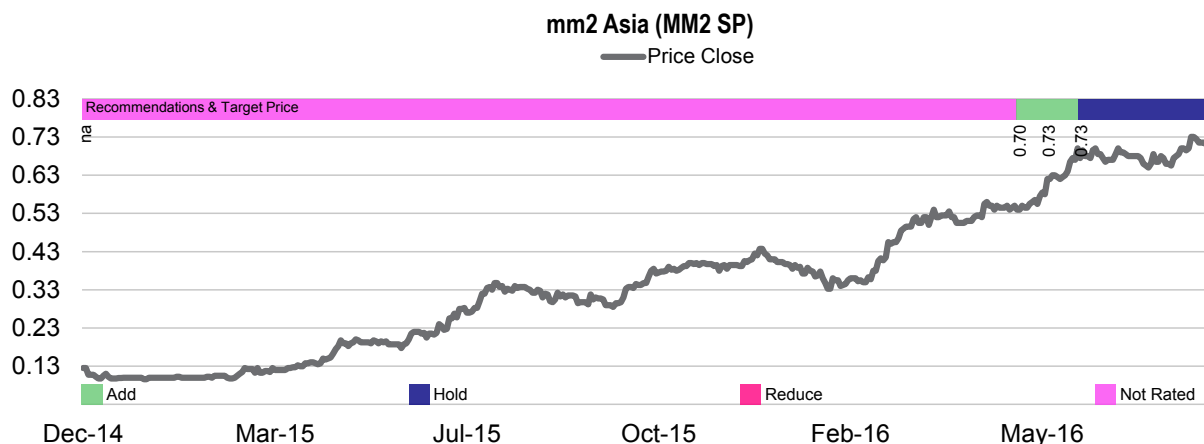
**United States:** This research report is distributed in the United States of America by CIMB Securities (USA) Inc, a U.S. registered broker-dealer and a related company of CIMB Research Pte Ltd, CIMB Investment Bank Berhad, PT CIMB Securities Indonesia, CIMB Securities (Thailand) Co. Ltd, CIMB Securities Limited, CIMB Securities (India) Private Limited, and is distributed solely to persons who qualify as “U.S. Institutional Investors” as defined in Rule 15a-6 under the Securities and Exchange Act of 1934. This communication is only for Institutional Investors whose ordinary business activities involve investing in shares, bonds, and associated securities and/or derivative securities and who have professional experience in such investments. Any person who is not a U.S. Institutional Investor or Major Institutional Investor must not rely on this communication. The delivery of this research report to any person in the United States of America is not a recommendation to effect any transactions in the securities discussed herein, or an endorsement of any opinion expressed herein. CIMB Securities (USA) Inc, is a FINRA/SIPC member and takes responsibility for the content of this report. For further information or to place an order in any of the above-mentioned securities please contact a registered representative of CIMB Securities (USA) Inc.

CIMB Securities (USA) Inc does not make a market on the securities mentioned in the report.

**Other jurisdictions:** In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is only for distribution to professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

Distribution of stock ratings and investment banking clients for quarter ended on 30 June 2016		
1574 companies under coverage for quarter ended on 30 June 2016		
	Rating Distribution (%)	Investment Banking clients (%)
Add	56.5%	7.1%
Hold	32.2%	2.9%
Reduce	9.8%	0.6%

#### Spitzer Chart for stock being researched ( 2 year data )



#### Corporate Governance Report of Thai Listed Companies (CGR). CG Rating by the Thai Institute of Directors Association (Thai IOD) in 2015, Anti-Corruption Progress Indicator 2015.

AAV – Very Good, 3B, ADVANC – Excellent, 3A, AEONTS – Good, 1, AMATA – Very Good, 2, ANAN – Very Good, 3A, AOT – Very Good, 2, AP – Good, 3A, ASK – Very Good, 3B, ASP – Very Good, 4, BANPU – Very Good, 4, BAY – Very Good, 4, BBL – Very Good, 4, BCH – not available, no progress, BCP – Excellent, 5, BEM – not available, no progress, BDMS – Very Good, 3B, BEAUTY – Good, 2, BEC – Good, 3B, BH – Good, 2, BIGC – Excellent, 3A, BJC – Good, 1, BLA – Very Good, 4, 1, BTS – Excellent, 3A, CBG – Good, 1, CCET – not available, 1, CENTEL – Very Good, 3A, CHG – Good, 3B, CK – Excellent, 3B, COL – Very Good, 3A, CPALL – Good, 3A, CPF – Very Good, 3A, CPN – Excellent, 5, DELTA – Very Good, 3A, DEMCO – Very Good, 3A, DTAC – Excellent, 3A, EA – not available, 3A, ECL – Good, 4, EGCO – Excellent, 4, EPG – not available, 3B, GFPT – Very Good, 3A, GLOBAL – Very Good, 2, GLOW – Good, 3A, GPSC – not available, 3B, GRAMMY – Excellent, 3B, GUNKUL – Very Good, 1, HANA – Excellent, 4, HMPRO – Excellent, 3A, ICHI – Very Good, 3A, INTUCH – Excellent, 4, ITD – Good, 1, IVL – Excellent, 4, JAS – not available, 3A, JASIF – not available, no progress, JUBILE – Good, 3A, KAMART – not available, no progress, KBANK – Excellent, 4, KCE – Excellent, 4, KGI – Good, 4, KKP – Excellent, 4, KSL – Very Good, 2, KTB – Excellent, 4, KTC – Very Good, 3A, LH – Very Good, 3B, LPN – Excellent, 3A, M – Good, 2, MAJOR – Good, 1, MAKRO – Good, 3A, MALEE – not available, 2, MBKET – Good, 2, MC – Very Good, 3A, MCOT – Excellent, 3A, MEGA – Very Good, 2, MINT – Excellent, 3A, MTLs – Good, 2, NYT – Good, no progress, OISHI – Very Good,

3B, PLANB – Good, 3B, PS – Excellent, 3A, PSL - Excellent, 4, PTT - Excellent, 5, PTTEP - Excellent, 4, PTTGC - Excellent, 5, QH – Very Good, 2, RATCH – Excellent, 3A, ROBINS – Excellent, 3A, RS – Very Good, 1, SAMART - Excellent, 3B, SAPPE - Good, 3B, SAT – Excellent, 5, SAWAD – Good, 1, SC – Excellent, 3B, SCB - Excellent, 4, SCBLIF – not available, no progress, SCC – Excellent, 5, SCN – Good, 1, SCCC - Good, 3A, SIM - Excellent, 3B, SIRI - Good, 1, SPALI - Excellent, 3A, SPRC – not available, no progress, STA – Very Good, 1, STEC – Very Good, 3B, SVI – Very Good, 3A, TASCO – Very Good, 3A, TCAP – Very Good, 4, THAI – Very Good, 3A, THANI – Very Good, 5, THCOM – Excellent, 4, THRE – Very Good, 3A, THREL – Very Good, 3A, TICON – Very Good, 3A, TISCO - Excellent, 4, TK – Very Good, 3B, TKN – not available, no progress, TMB - Excellent, 4, TPCH – Good, 3B, TOP - Excellent, 5, TRUE – Very Good, 2, TTW – Very Good, 2, TU – Very Good, 3A, UNIQ – not available, 2, VGI – Excellent, 3A, WHA – Good, 3A, WORK – not available, no progress.

Comprises level 1 to 5 as follows:

Level 1: Committed

Level 2: Declared

Level 3: Established (3A: Established by Declaration of Intent, 3B: Established by Internal Commitment and Policy)

Level 4: Certified

Level 5: Extended.

### CIMB Recommendation Framework

#### Stock Ratings

Definition:

**Add** The stock's total return is expected to exceed 10% over the next 12 months.

**Hold** The stock's total return is expected to be between 0% and positive 10% over the next 12 months.

**Reduce** The stock's total return is expected to fall below 0% or more over the next 12 months.

*The total expected return of a stock is defined as the sum of the: (i) percentage difference between the target price and the current price and (ii) the forward net dividend yields of the stock. Stock price targets have an investment horizon of 12 months.*

#### Sector Ratings

Definition:

**Overweight** An Overweight rating means stocks in the sector have, on a market cap-weighted basis, a positive absolute recommendation.

**Neutral** A Neutral rating means stocks in the sector have, on a market cap-weighted basis, a neutral absolute recommendation.

**Underweight** An Underweight rating means stocks in the sector have, on a market cap-weighted basis, a negative absolute recommendation.

#### Country Ratings

Definition:

**Overweight** An Overweight rating means investors should be positioned with an above-market weight in this country relative to benchmark.

**Neutral** A Neutral rating means investors should be positioned with a neutral weight in this country relative to benchmark.

**Underweight** An Underweight rating means investors should be positioned with a below-market weight in this country relative to benchmark.