

# Singapore Equity Explorer **mm2 Asia**

Bloomberg: MM2 SP | Reuters: MM2A\_SI

Refer to important disclosures at the end of this report

**DBS Group Research** . Equity

6 Oct 2015

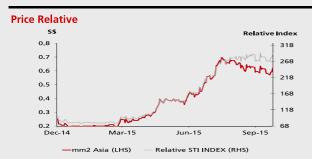
# NOT RATED \$\$0.665 STI: 2,851.25

Return \*: 2 Risk: Moderate

Potential Target \*: 12-Month S\$ 0.84 (27% upside)

#### **Analyst**

LING Lee Keng +65 6682 3703 leekeng@dbs.com



# **Forecasts and Valuation**

FY Mar (S\$ m)	2014A	2015A	2016F	2017F
Turnover	16.1	24.3	38.7	60.0
EBITDA	3.8	6.7	10.2	14.4
Pre-tax Profit	3.7	6.6	8.4	12.6
Net Profit	3.0	5.1	7.0	10.5
Net Pft (Pre Ex.)	3.1	5.1	7.0	10.5
EPS (S cts)	1.5	2.5	3.2	4.7
EPS Pre Ex. (S cts)	1.5	2.5	3.2	4.7
EPS Gth (%)	nm	67.5	31.9	44.4
EPS Gth Pre Ex (%)	nm	68.1	30.7	44.4
Diluted EPS (S cts)	1.5	2.5	3.2	4.7
Net DPS (S cts)	0.0	0.0	0.0	0.0
BV Per Share (S cts)	1.8	9.3	15.0	19.1
PE (X)	45.3	27.0	20.5	14.2
PE Pre Ex. (X)	45.1	26.8	20.5	14.2
P/Cash Flow (X)	nm	nm	15.5	25.0
EV/EBITDA (X)	36.8	19.8	14.3	10.4
Net Div Yield (%)	0.0	0.0	0.0	0.0
P/Book Value (X)	37.7	7.2	4.4	3.5
Net Debt/Equity (X)	0.1	CASH	0.1	0.0
ROAE (%)	nm	44.5	27.2	27.9

**ICB Industry**: Consumer Services

ICB Sector: Media

**Principal Business:** mm2 Asia is a leading producer of films and TV/online content in Asia.

Source of all data: Company, DBS Bank, Bloomberg Finance L.P

# Integrated movie producer

- Provides services over the entire filmmaking process
- Riding on growing demand and support for local production; gaining traction overseas
- New revenue streams to strengthen competitive edge
- Fair value of \$0.84 based on 18x FY Mar17F EPS

#### **The Business**

**Integrated movie producer.** mm2 Asia is a leading producer of films and TV/online content in Asia. As a producer, mm2 provides services over the entire filmmaking process – from financing and production to marketing and distribution, thus has a diversified revenue stream.

Riding on growing demand and support for local production; gaining traction overseas. mm2 is poised to ride on the growing demand for local production. In Asia and the global scene, mm2 will continue to grow its presence in Taiwan, Hong Kong and China, leveraging on the business relationships it has established.

### New revenue streams to strengthen competitive edge.

Besides movie production and distribution, mm2 has also acquired a 3D animation company and five cineplexes in Malaysia. This will provide a source of recurring income to the group and cost savings in the longer term, as mm2 usually has to pay about 50% of its gross intake for rental of cinemas.

## The Stock

#### Fair value of S\$0.84 based on 18x FY Mar17F EPS. At

current level, mm2 is trading at 20x FY16F PE and 14x FY17F PE. Its peers are trading at average PE of 26x for FY16F. Taking a 30% discount to peers given its much smaller size, we arrive at a PE target of 18x based on FY Mar17F EPS. Based on this, our fair value works out to be \$\$0.84 per share, offering potential upside of 27% from current price.

#### At A Glance

Issued Capital (m shrs)	207
Mkt. Cap (S\$m/US\$m)	137 / 96.0
Major Shareholders	
Wee Chye Ang (%)	63.2
Philip Apac Opp Fund (%)	9.3
Yeo Khee Seng (%)	5.0
Free Float (%)	22.5
Avg. Daily Vol.('000)	962

<sup>\*</sup>This Equity Explorer report represents a preliminary assessment of the subject company, and does not represent initiation into DBSV's coverage universe. As such DBSV does not commit to regular updates on an ongoing basis. The rating system is distinct from stocks in our regular coverage universe and is explained further on the back page of this report.



#### **REVENUE DRIVERS**

Integrated movie producer. Listed on the Catalist Board of the SGX-ST on 9 December 2014, mm2 Asia is a leading producer of films and TV/online content in Asia. As a producer, mm2 provides services over the entire filmmaking process – from financing and production to marketing and distribution. Since 2008, the group has produced, co-produced and/or distributed over 50 films. Out of this, 30 films were recognised in FYMar15. The group derives its revenue from three main sources:-

- Production income. This is derived from all relevant stages of
  the filmmaking process. This includes income from securing
  financing for a production, consultancy and producers' fees
  (usually about 10% to 20% of the film budget), producer
  bonuses (fees for helping to look for investors to fund the
  production cost), government grants and subsidies, script
  development, pre-production, principal photography, postproduction as well as other contributions.
- 2. **Distribution income.** Besides distributing its own movies or those co-produced with third parties, mm2 also receives income from third party licensing arrangements. It receives distribution income from the distribution of films across various platforms cinemas, Pay TV, Free TV, online, DVD, airlines and others. For some films, mm2 acts as stakeholder and is entitled to a percentage of net receipts from the film's distribution across these platforms. Commissions also come from the licensing of script, adaptation and sequel rights for its film library via third-party licensing arrangements.
- 3. **Sponsorship income.** This is usually from advertisers to promote their products and services in mm2's films.

#### **COST STRUCTURE**

Crew members and rental of premises from bulk of costs. Cost of sales, which include crew member salaries and renting of premises, accounts for about 60% of total sales. Administrative expenses, which include overhead expenses, account for another 10% to 15% of total revenue.

#### **KEY OPERATING ASSETS**

Owns five cinemas with total of 43 screens and 8,010 seats. mm2 purchased a total of five cinemas in Malaysia. The first two Cathay cineplexes were bought in April 2015 for RMB40m. In August, mm2 bought another three cinemas in Northern Malaysia for a total of RMB22m.

**Owns majority stake in 3D company**. mm2 has also acquired a 51% stake in a 3D animation company for S\$3.06m. The acquisition allows the group to diversify and expand into complementary business areas within the film production value chain.

**Chart 1: Revenue Contribution** 

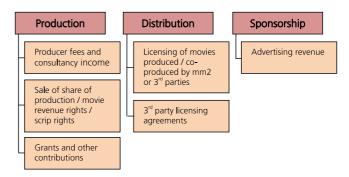


Chart 2: Revenue Breakdown - By segment

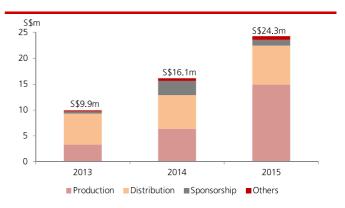


Chart 3: Revenue Breakdown - By geographical

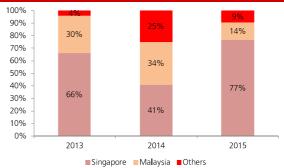


Table 1: Details of cinemas acquired

Cinema	Place	Capacity
Cathay Cineplex City	Johor Bahru	14 screens, 2,826
Square		seats
Cathay Cineplex	Damansara	16 screens, 2,472
Damansara		seats
Mega Cineplex Prai	Penang	6 screens, 1,420
		seats
Mega Cineplex Langkawi	Langkawi	3 screens 536 seats
Mega Cineplex Bertam	Bertam	4 screens 756 seats



# **GROWTH PROSPECTS**

Growing demand and support for local production. The success Table 2: Notable Production and Distribution Titles at the box office for local productions like 'Ah Boys to Men' and 'The Journey' indicates the growing demand for locally-produced content in Singapore and Malaysia. Ah Boys to Men 1, released in Nov-12, received box office revenues of S\$6.21m in Singapore and another RM2.02m in Malaysia. The Part 2 sequel, released in Feb-13, received S\$6.37m and RM3.5m in Singapore and Malaysia respectively. Two years later, Ah Boys to Men 3 enjoyed impressive box office receipts of S\$7.52m in Singapore and RM3.63m in Malaysia.

In terms of support, the Singapore government also plans to inject S\$250m per year for the next 5 years into improving public sector communications. A portion will be used to promote the local film industry and digital video sector through the "Watch Local" initiative. As the industry leader, mm2 will benefit from these initiatives

With this backdrop, mm2 is poised to ride on the demand for local production. In Asia and the global scene, mm2 will continue to grow its presence in Taiwan, Hong Kong and China, leveraging on the business relationships it has established.

Gaining traction in overseas markets. In the past three years, mm2 started co-producing movies in China, Taiwan and Hong Kong, starting with China in 2013, followed by Taiwan and Hong Kong in 2014 and 2015 respectively. Going forward, mm2 is targeting to co-produce more films overseas, leveraging on its successful track record.

New revenue streams to strengthen competitive edge. Post IPO in December last year, mm2 has made several acquisitions to maintain its competitive advantage. In April, mm2 acquired a 51% stake in Singapore's leading multi-award winning 3D animation company, Vividthree Productions, to strengthen its competitive advantage as a movie producer. Subsequent to that, mm2 acquired five cineplexes in Malaysia. The ownership of cinemas will provide a source of recurring income to the group and cost savings in the longer term, as mm2 usually has to pay about 50% of its gross intake for rental of cinemas.

Helmed by industry veteran. mm2 is helmed by CEO Melvin Ang, who has 20 years of industry experience and was named as one of the top 5 individuals in Singapore's arts, entertainment and lifestyle sectors in the Straits Times Annual Power List. Mr Ang started his career at the then Television Corporation of Singapore (TCS) in 1997. TCS was subsequently renamed as MediaCorp. With his vast experience and together with his team of executive officers, the group has established a wide network of personal relationships with leading talent, crew and staff, distribution companies, stakeholders and other key participants in the movie industry. mm2 has subsidiaries in Singapore, Malaysia and Hong Kong with business partners in Taiwan and China.

Title	Year	Comment
Ah Boys to Men	2012	Singapore's highest-grossing local
		production of 2012: S\$6.21m
Ah Boys to Men 2	2013	Singapore's highest-grossing local
		production of all time: S\$7.89m
Ah Boys to Men 3	2015	Singapore's highest-grossing
		opening weekend Asian film of
		all time: S\$2.83m in 4 days
THE JOURNEY	2014	Malaysia's highest-grossing local
一路有你		production of all time: RM\$17m
为 <b>你</b> 转 <b>身</b>	2013	mm2's first China co-production
做你爱做的事	2014	mm2's first Taiwan co-production
CAFÉ . WAITING .	2014	Malaysia's highest-grossing Taiwanese
LOVE		film of all time: RM\$4.98m
等一个人 咖啡		
ATM	2015	mm2's first Hong Kong co-production
提款机		

**Table 3: Key Management Team** 

rable bilitely in	anagement ream
Melvin Ang, CEO & Exec. Director	Mr Ang is responsible for overseeing and managing productions, as well as sourcing new business opportunities for the group. Mr Ang graduated from Macquarie University with an MBA in 1996. In Aug-97, he was employed by Television Corporation of Singapore (renamed MediaCorp) as Vice President, Business Development. Mr Ang was subsequently employed by SPH MediaWorks and MediaCorp Studios. Before setting up mm2 Malaysia and mm2 Singapore in Jan-09, he served as Media Prima Berhad's Executive Advisor.
Tan Liang Pheng, Non-Exec. Chairman & Independent Director	Mr Tan worked for 35 years in two multinational corporations, responsible for accounting, treasury and financial functions, and later sat on the Board of Directors of Tetra Pak Group of Companies in Singapore. In 2009, Mr Tan was appointed General Manager of Iviria Pte Ltd., and was subsequently promoted to Executive Director in 2010. Mr Tan served as Executive Director of Iviria Pte. Ltd. until Nov-12.
Chong How Kiat, <i>CFO</i>	Mr Chong is responsible for overseeing all financial and accounting matters of the group. Mr Chong started out his career as an audit assistant in 1995 at KS Lam & Co, Public Accountant. Prior to joining mm2 Asia, he held the position of Finance Manager at ITD Vertex Consortium Sdn Bhd.

Table 4: Management Remuneration Structure

rable ir managem	Table it Management Remaindration Stracture						
Name of directors	Salary	Other	Directors'	Total			
	(%)	Benefits (%)	Fees (%)	(%)			
Below S\$250,000							
Mr Tan Liang Pheng	-	=	100	100			
Mr Me <b>l</b> vin Ang	32	68	-	100			
Mr Jack Chia	-	=	100	100			
Mr Thomas Lei	-	=	100	100			
Mr Terry Mak	-	=	100	100			

Segmen	tal Brea	ıkdown
--------	----------	--------

FY Mar	2014A	2015A	2016F	2017F	
Revenues (S\$ m) Production & Distribution Cinema Other investments	16.1	24.3	27.4 6.7 4.6	35.0 20.0 5.0	
Total	16.1	24.3	38.7	60.0	- Full year contribution
Gross profit (S\$ m) Production & Distribution Cinema Other investments	5.1	9.6	11.0 3.0 2.1	14.0 9.0 2.3	from the five cinemas acquired
Total	5.1	9.6	16.0	25.3	
Gross profit Margins (%) Production & Distribution Cinema Other investments	31.6	39.5	40.0 45.0 45.0	40.0 45.0 45.0	
Total	31.6	39.5	41.5	42.1	

# Income Statement (S\$ m)

FY Mar	2014A	2015A	2016F	2017F	
Revenue	16.1	24.3	38.7	60.0	Margins Trend
Cost of Goods Sold	(11.0)	(14.7)	(22.6)	(34.8)	
Gross Profit	5.1	9.6	16.0	25.3	28.0%
Other Opng (Exp)/Inc	(1.4)	(3.0)	(6.5)	(11.5)	
Operating Profit	3.7	6.6	9.6	13.8	26.0%
Other Non Opg (Exp)/Inc	0.0	0.0	0.0	0.0	24.0%
Associates & JV Inc	0.0	0.0	0.0	0.0	22.0%
Net Interest (Exp)/Inc	0.0	0.0	(1.1)	(1.1)	
Exceptional Gain/(Loss)	0.0	0.0	0.0	0.0	20.0%
Pre-tax Profit	3.7	6.6	8.4	12.6	18.0%
Tax	(0.7)	(1.5)	(1.4)	(2.1)	16,0%
Minority Interest	0.0	0.0	0.0	0.0	2014A 2015A 2016F 2017F
Preference Dividend	0.0	0.0	0.0	0.0	
Net Profit	3.0	5.1	7.0	10.5	→Operating Margin % →Net Income Margin %
Net Profit before Except.	3.1	5.1	7.0	10.5	
EBITDA	3.8	6.7	10.2	14.4	
Growth					
Revenue Gth (%)	nm	50.7	59.1	55.2	
EBITDA Gth (%)	nm	77.5	52.9	41.3	
Opg Profit Gth (%)	nm	78.3	44.5	44.0	
Net Profit Gth (%)	nm	67.5	37.7	49.9	
Margins & Ratio					
Gross Margins (%)	31.6	39.5	41.5	42.1_	
Opg Profit Margin (%)	23.0	27.3	24.8	23.0	Higher gross margins due
Net Profit Margin (%)	18.8	20.9	18.1	17.5	to higher contribution from
ROAE (%)	166.5	44.5	27.2	27.9	cinemas
ROA (%)	34.8	18.5	13.2	13.2	
ROCE (%)	104.8	37.7	17.4	18.3	
Div Payout Ratio (%)	0.0	0.0	0.0	0.0	
Net Interest Cover (x)	NM	NM	8.4	12.1	

■Capital Expenditure (-)

<b>Balance</b>	Sheet (	(S\$ m)
----------------	---------	---------

FY Mar	2014A	2015A	2016F	2017F				
Net Fixed Assets	3.9	6.4	28.8	33.2				
Invts in Associates & JVs	0.0	0.0	0.0	0.0				
Other LT Assets	0.1	0.0	0.0	0.0				
Cash & ST Invts	0.6	5.8	9.4	10.4	Г			$\neg$
Inventory	1.5	4.8	4.8	7.4	<i></i>	Debt financing	for part	
Debtors	11.4	20.6	25.4	39.5	/	of the acquisiti	on of	
Other Current Assets	0.0	0.0	0.0	0.0		five cinemas		
Total Assets	17.5	37.6	68.5	90.4				
CT D L	0.4	0.2	0.2					
ST Debt	0.1	0.2	0.2	0.2				
Other Current Liab	11.6	16.2	22.7	34.1				
LT Debt	1.0	0.1	11.3	11.3				
Other LT Liabilities	0.9	1.9	1.9	1.9				
Shareholder's Equity	3.6	19.2	32.4	42.9				
Minority Interests	0.1	0.0	0.0	0.0				
Total Cap. & Liab.	17.5	37.6	68.5	90.4				
Non-Cash Wkg. Capital	1.2	9.2	7.6	12.7	Capita	al Expenditure		
Net Cash/(Debt)	(0.5)	5.4	(2.1)	(1.2)	S\$m	1		
Debtors Turn (avg days)	128.6	240.0	217.2	197.3	25.0	1		
Creditors Turn (avg days)	189.0	324.8	288.5	272.2				
	24.8	78.0	79.6	65.4	20.0			
Inventory Turn (avg days) Asset Turnover (x)	1.8	0.9	0.7	0.8	15.0			
Current Ratio (x)	1.0	1.9	1.7	1.7	15.0			
. ,		1.6			10.0			
Quick Ratio (x)	1.0		1.5	1.5				
Net Debt/Equity (X)	0.1	CASH	0.1	0.0	5.0	-		
Net Debt/Equity ex MI (X)	0.1	CASH	0.1	0.0				
Capex to Debt (%)	46.0	645.4	199.8	43.4	0.0	2014A 2015A	2016F	2017

# Cash Flow Statement (S\$ m)

FY Mar	2014A	2015A	2016F	2017F		
Pre-Tax Profit	3.7	6.6	8.4	12.6		
Dep. & Amort.	0.0	0.0	0.6	0.6		
Tax Paid	0.7	1.5	(0.3)	(1.4)	_	
Assoc. & JV Inc/(loss)	0.0	0.0	0.0	0.0		Acquisition of five
Chg in Wkg.Cap.	(6.9)	(12.0)	0.5	(5.9)	/	cinemas and a 3D
Other Operating CF	1.0	1.0	0.0	0.0		company
Net Operating CF	(1.5)	(2.9)	9.2	6.0	L	Сопірапу
Capital Exp.(net)	(0.5)	(2.0)	(23.0)	(5.0)		
Other Invts.(net)	0.0	0.0	0.0	0.0		
nvts in Assoc. & JV	0.0	0.0	0.0	0.0		
Div from Assoc & JV	0.0	0.0	0.0	0.0	Γ	Dalat Caracian Cana
Other Investing CF	0.0	0.0	0.0	0.0		Debt financing for p
Net Investing CF	(0.5)	(2.0)	(23.0)	(5.0)		of the acquisition of
Div Paid	0.0	0.0	0.0	0.0		five cinemas
Chg in Gross Debt	0.0	2.9	11.2 /	0.0	L	
Capital Issues	0.0	7.8	6.2	0.0		
Other Financing CF	0.5	(1.6)	0.0	0.0	[	Issue of shares for
Net Financing CF	0.5	9.0	17.4	0.0		
Currency Adjustments	0.0	0.0	0.0	0.0		acquisition of cinema
Chg in Cash	(1.6)	4.2	3.6	1.0	-	
Opg CFPS (S cts)	2.6	4.4	4.1	3:3	_	
Free CFPS (S cts)	(1.0)	(2.4)	(6.4)	0.4	<u> </u>	Proceeds from IPO

#### **VALUATIONS**

**Share price surged >2x post IPO.** mm2 was listed on the Catalist Board of the SGX-ST on 9 December 2014 at S\$0.25 per share based on 16x FY14 PE. Since then, its share price has more than doubled to hit a high of \$0.70 before the market was dragged down by concerns about slower global growth, especially in China and other issues like weak regional currencies vs USD.

**Fair value of \$\$0.84 based on 18x FY Mar17F EPS.** At current level, mm2 is trading at 20x FY16F PE and 14x FY17F PE. Its peers are trading at average PE of 26x for FY16F. Taking a 30% discount to peers given its much smaller size, we arrive at a PE target of 18x based on FY Mar17F EPS. Based on this, our fair value works out to be \$\$0.84 per share, offering potential upside of 27% from current price.

**Risk Assessment: Moderate** 

Category	Risk Rating 1 (Low) - 3 (High)	Wgt	Wgtd Score
Earnings	2	40%	0.8
Financials	1	20%	0.2
Shareholdings	1	40%	0.4
Overall			1.4

**Key risks.** Key risks include failure to secure financing and also delays and cost overruns for production of films. The commercial success of movies produced or co-produced by mm2 is another unpredictable outcome.

mm2 has also incurred more debt to part finance the acquisition of the five cinemas. As a result, the group has turned from net cash in FY15 to net debt/equity of 0.1x for FY16F.

Chart 2: 12 month forward PE ratio (x)



Table 6: Peers' Comparison

				Sales FY	Net Profit	Gross	
Mkt Cap				Act	FY Act		Net Debt to
(US\$m)	Date	(x)	(x)	(mins)	(mlns)	Act (%)	Equity (x)
89.4	S\$0.620	20.5	14.2	24.3	5.1	39.5	(28.4)
16.4	\$\$0.059	-	-	16.1	(8.0)	3.2	(59.3)
1,593.5	A\$6.99	18.4	16.8	967.6	43.9	90.5	76.5
219.4	HK\$0,62	62.0	20.7	1,082.8	12.7	59.2	19.6
244.8	HK\$1.98	-	-	111.2	(97.1)	14.8	20.2
202.8	HK\$0.64	-	-	155.2	(215.3)	30.2	(22.2)
5,860.9	HK\$1.80	-	-	159.4	(525.2)	(49.4)	(87.2)
1,181.8	¥1,019	46.7	41.8	89,806.5	4,180.2	43.7	83.0
549.2	HK\$0.67	-		34.6	(567.4)	31.6	n.a.
		42.4	26.4				
	(US\$m)  89.4  16.4  1,593.5  219.4  244.8  202.8  5,860.9  1,181.8	US\$m  Date   89.4   \$\$0.620   16.4   \$\$0.659   2194.   HK\$0.62   244.8   HK\$1.98   202.8   HK\$1.80   1,181.8   Y1,019	(US\$m)         Date         (x)           89.4         \$\$0.620         20.5           16.4         \$\$0.059         -           1,593.5         A\$6.99         18.4           219.4         HK\$0.62         62.0           244.8         HK\$1.98         -           202.8         HK\$0.64         -           5,860.9         HK\$1.80         -           1,181.8         ¥1,019         46.7           549.2         HK\$0.67         -	(US\$m)         Date         (x)         (x)           89.4         \$\$0.620         20.5         14.2           16.4         \$\$0.059         -         -           1,593.5         A\$6.99         18.4         16.8           219.4         HK\$0.62         62.0         20.7           244.8         HK\$1.98         -         -           202.8         HK\$0.64         -         -           5,860.9         HK\$1.80         -         -           1,181.8         ¥1,019         46.7         41.8           549.2         HK\$0.67         -         -	Mkt Cap (USSm)         Px Last Date         FY2 Pk (w)         Cyc (w)         Act (mlns)           89.4         \$\$0.620         20.5         14.2         24.3           16.4         \$\$0.059         -         -         16.1           1,593.5         A\$6.99         18.4         16.8         967.6           219.4         HK\$0.62         62.0         20.7         1,082.8           244.8         HK\$1.98         -         -         111.2           202.8         HK\$1.80         -         -         155.2           5,860.9         HK\$1.80         -         -         159.4           1,181.8         Y1,019         46.7         41.8         89,806.5           549.2         HK\$0.66         -         -         -         34.6	Mkt Cap (USSm)         Px Last Date         FY PE (x)         V. (x)         RACL (mins)         PY Act (mins)           89 4         \$50.620         20.5         14.2         23.3         5.1           16.4         \$50.059         -         -         16.1         (8.0)           1,593.5         A\$6.99         18.4         16.8         967.6         43.9           219.4         HK\$0.62         62.0         20.7         1,082.8         12.7           244.8         HK\$0.64         -         -         115.2         (97.1)           202.8         HK\$0.64         -         -         155.2         (215.3)           5,860.9         HK\$1.80         -         -         159.4         (525.2)           1,181.8         Y1,019         46.7         41.8         89,806.5         4,180.2           549.2         HK\$0.67         -         -         -         4.67.2	Mkt Cap (USSm)         Px Last Date         FY2 PE (w)         RAC (mlns)         FY ACT (mlns)         Mar. FY Act (%)           89.4         \$\$0.620         20.5         14.2         24.3         5.1         39.5           16.4         \$\$0.059         -         -         16.1         (8.0)         3.2           1,593.5         A\$6.99         18.4         16.8         967.6         43.9         90.5           219.4         HK\$0.62         62.0         20.7         1,082.8         12.7         59.2           244.8         HK\$1.89         -         -         111.2         (97.1)         14.8           202.8         HK\$1.80         -         -         155.2         (215.3)         30.2           5,860.9         HK\$1.80         -         -         159.4         (525.2)         (49.4)           1,181.8         Y1,019         46.7         41.8         89,806.5         4,180.2         43.7           549.2         HK\$0.64         -         -         -         6,567.4         (525.2)         (49.4)           1,181.8         Y1,019         46.7         41.8         89,806.5         4,180.2         43.7

Source: DBS Bank, Bloomberg Finance L.P

DBS Bank Equity Explorer return ratings reflect return expectations based on an assumed earnings profile and valuation parameters:

- 1 (>20% potential returns over the next 12 months)
- 2 (0 20% potential returns over the next 12 months)
- 3 (negative potential return over the next 12 months)

The risk assessment is qualitative in nature and is rated as either high, low or moderate risk. (see section on risk assessment)

Note that these assessments are based on a preliminary review of factors deemed salient at the time of publication. DBSV does not commit to ongoing coverage and updated assessments of stocks covered under the Equity Explorer product suite. Such updates will only be made upon official initiation of regular coverage of the stock.

#### GENERAL DISCLOSURE/DISCLAIMER

This report is prepared by DBS Bank Ltd. This report is solely intended for the clients of DBS Bank Ltd and DBS Vickers Securities (Singapore) Pte Ltd, its respective connected and associated corporations and affiliates (collectively, the "DBS Vickers Group") only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBS Bank Ltd.

The research set out in this report is based on information obtained from sources believed to be reliable, but we (which collectively refers to DBS Bank Ltd., its respective connected and associated corporations, affiliates and their respective directors, officers, employees and agents (collectively, the "DBS Group")) do not make any representation or warranty as to its accuracy, completeness or correctness. Opinions expressed are subject to change without notice. This document is prepared for general circulation. Any recommendation contained in this document does not have regard to the specific investment objectives, financial situation and the particular needs of any specific addressee. This document is for the information of addressees only and is not to be taken in substitution for the exercise of judgement by addressees, who should obtain separate independent legal or financial advice. The DBS Group accepts no liability whatsoever for any direct, indirect and/or consequential loss (including any claims for loss of profit) arising from any use of and/or reliance upon this document and/or further communication given in relation to this document.—This document is not to be construed as an offer or a solicitation of an offer to buy or sell any securities. The DBS Group, along with its affiliates and/or persons associated with any of them may from time to time have interests in the securities mentioned in this document. The DBS Group may have positions in, and may effect transactions in securities mentioned herein and may also perform or seek to perform broking, investment banking and other banking services for these companies.

Any valuations, opinions, estimates, forecasts, ratings or risk assessments herein constitutes a judgment as of the date of this report, and there can be no assurance that future results or events will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments. The information in this document is subject to change without notice, its accuracy is not guaranteed, it may be incomplete or condensed and it may not contain all material information concerning the company (or companies) referred to in this report.

The valuations, opinions, estimates, forecasts, ratings or risk assessments described in this report were based upon a number of estimates and assumptions and are inherently subject to significant uncertainties and contingencies. It can be expected that one or more of the estimates on which the valuations, opinions, estimates, forecasts, ratings or risk assessments were based will not materialize or will vary significantly from actual results. Therefore, the inclusion of the valuations, opinions, estimates, forecasts, ratings or risk assessments described herein IS NOT TO BE RELIED UPON as a representation and/or warranty by the DBS Group (and/or any persons associated with the aforesaid entities), that:

- (a) such valuations, opinions, estimates, forecasts, ratings or risk assessments or their underlying assumptions will be achieved, and
- (b) there is any assurance that future results or events will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments stated therein.

Any assumptions made in this report that refers to commodities, are for the purposes of making forecasts for the company (or companies) mentioned herein. They are not to be construed as recommendations to trade in the physical commodity or in the futures contract relating to the commodity referred to in this report.

DBS Vickers Securities (USA) Inc ("DBSVUSA")"), a U.S.-registered broker-dealer, does not have its own investment banking or research department, nor has it participated in any investment banking transaction as a manager or co-manager in the past twelve months.

## ANALYST CERTIFICATION

The research analyst primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst also certifies that no part of his/her compensation was, is, or will be, directly, or indirectly, related to specific recommendations or views expressed in this report. As of the date the report is published, the analyst and his/her spouse and/or relatives who are financially dependent on the analyst, do not hold interests in the securities recommended in this report ("interest" includes direct or indirect ownership of securities).

## COMPANY-SPECIFIC / REGULATORY DISCLOSURES

- 1. DBS Bank Ltd., DBS Vickers Securities (Singapore) Pte Ltd ("DBSVS"), their subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of 31 Aug 2015.
- 2. DBS Bank Ltd., DBSVS, DBSVUSA, their subsidiaries and/or other affiliates may beneficially own a total of 1% of any class of common equity securities of the company mentioned as of 31 Aug 2015.
- 3. Compensation for investment banking services:

DBS Bank Ltd., DBSVS, DBSVUSA, their subsidiaries and/or other affiliates may have received compensation, within the past 12 months, and within the next 3 months may receive or intends to seek compensation for investment banking services from the company mentioned.



DBSVUSA does not have its own investment banking or research department, nor has it participated in any investment banking transaction as a manager or co-manager in the past twelve months. Any US persons wishing to obtain further information, including any clarification on disclosures in this disclaimer, or to effect a transaction in any security discussed in this document should contact DBSVUSA exclusively.

# RESTRICTIONS ON DISTRIBUTION

_	DISTRIBUTION					
General	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.					
Australia	This report is being distributed in Australia by DBS Bank Ltd. ("DBS") or DBS Vickers Securities (Singapore) Pte Ltd ("DBSVS"), both of which are exempted from the requirement to hold an Australian Financial Services Licence under the Corporation Act 2001 ("CA") in respect of financial services provided to the recipients. Both DBS and DBSVS are regulated by the Monetary Authority of Singapore under the laws of Singapore, which differ from Australian laws. Distribution of this report is intended only for "wholesale investors" within the meaning of the CA.					
Hong Kong	This report is being distributed in Hong Kong by DBS Vickers (Hong Kong) Limited which is licensed and regulated by the Hong Kong Securities and Futures Commission.					
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Securities Indonesia.					
Malaysia	This report is distributed in Malaysia by AllianceDBS Research Sdn Bhd ("ADBSR") (formerly known as HwangDBS Vickers Research Sdn Bhd). Recipients of this report, received from ADBSR are to contact the undersigned at 603-2604 3333 in respect of any matters arising from or in connection with this report. In addition to the General Disclosure/Disclaimer found at the preceding page, recipients of this report are advised that ADBSR (the preparer of this report), its holding company Alliance Investment Bank Berhad, their respective connected and associated corporations, affiliates, their directors, officers, employees, agents and parties related or associated with any of them may have positions in, and may effect transactions in the securities mentioned herein and may also perform or seek to perform broking, investment banking/corporate advisory and other services for the subject companies. They may also have received compensation and/or seek to obtain compensation for broking, investment banking/corporate advisory and other services from the subject companies.					
	Wong Ming Tek, Executive Director, ADBSR					
Singapore	This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 196800306E) or DBSVS (Company Regn No. 198600294G), both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, 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, DBS Bank Ltd accepts legal responsibility for the contents of the report to such persons only to the extent required by law. Singapore recipients should contact DBS Bank Ltd at 6327 2288 for matters arising from, or in connection with the report.					
Thailand	This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd. Research reports distributed are only intended for institutional clients only and no other person may act upon it.					
United Kingdom	This report is being distributed in the UK by DBS Vickers Securities (UK) Ltd, who is an authorised person in the meaning of the Financial Services and Markets Act and is regulated by The Financial Conduct Authority. Research distributed in the UK is intended only for institutional clients.					
Dubai	This research report is being distributed in The Dubai International Financial Centre ("DIFC") by DBS Bank Ltd., (DIFC Branch) having its office at PO Box 506538, 3 <sup>rd</sup> Floor, Building 3, East Wing, Gate Precinct, Dubai International Financial Centre (DIFC), Dubai, United Arab Emirates. DBS Bank Ltd., (DIFC Branch) is regulated by The Dubai Financial Services Authority. This research report is intended only for professional clients (as defined in the DFSA rulebook) and no other person may act upon it.					
United States	Neither this report nor any copy hereof may be taken or distributed into the United States or to any U.S. person except in compliance with any applicable U.S. laws and regulations. It is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.					
Other jurisdictions	In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.					

## DBS Bank Ltd.

12 Marina Boulevard, Marina Bay Financial Centre Tower 3
Singapore 018982
Tel. 65-6878 8888
Company Regn. No. 196800306E

