

# Singapore 4Q 2016 GDP

## Strong Finish, With Momentum

Growth accelerated in the final quarter of 2016, finishing the year on a strong note. GDP surged by +2.9% in 4Q16 from a year ago, a significant upward revision from the +1.8% advance estimate. Overall, full year 2016 growth came in at +2.0%, above the 1%-1.5% range that the government forecasted in Nov-16. We remain positive on the growth momentum, forecasting GDP growth at +2.5% in 2017 and +2.3% in 2018.

### Driven by Manufacturing, Transport & Storage and “Other Services”

The strong finish was driven by manufacturing, transport & storage and “other services” (healthcare, education & social services). Manufacturing surged +11.5% in 4Q16, due to robust growth in electronics and biomedical.

Services expanded a stronger than expected by +1% (vs. 0.6% flash estimate), driven by external oriented sectors such as transportation & storage (+5.4%). Other services industries (+3.9%) also showed significant improvement, supported by the education, health & social services segment. Weakness however persisted in construction (-2.8%) and business services (-0.9%).

### MTI Maintains 1%-3% Forecast, Sees “Momentum”

MTI’s latest statement reflects a more positive outlook (compared to Nov statement). MTI now expects the “improved momentum seen in the manufacturing sector towards the end of 2016 ...to be sustained into 2017,” supported by global recovery in semiconductors and semiconductor equipment. Transport and storage will benefit from higher global trade flows. Information & communications and “other services” are expected to remain resilient. MTI maintains GDP growth forecast at 1%-3%.

This contrasts with the previous statement (in Nov 2016) when MTI was concerned that Singapore’s elasticity of trade to global growth was “likely to remain weak” and “externally-oriented service sectors are expected to remain sluggish.” The strong upswing in trade-related activity in Nov and Dec has changed that view. In this statement, MTI highlights uncertainties and downside risks from [1] political risks and uncertainty from European elections and Trump’s protectionism; [2] China’s tighter credit conditions.

### Positive Outlook, Maintain GDP Forecast at 2.5% in 2017

We maintain our view that the economy will improve in 2017, with GDP growth forecasted at +2.5%, at the upper end of MTI’s forecast (of 1%-3%). Singapore is seeing a strong cyclical uplift from a synchronized global recovery. Manufacturing and trade-related services will continue to lead this recovery, but we expect growth to broaden out to other services, including financial and business services. The CFE recommendations, if followed through in the Budget, can help raise potential growth.

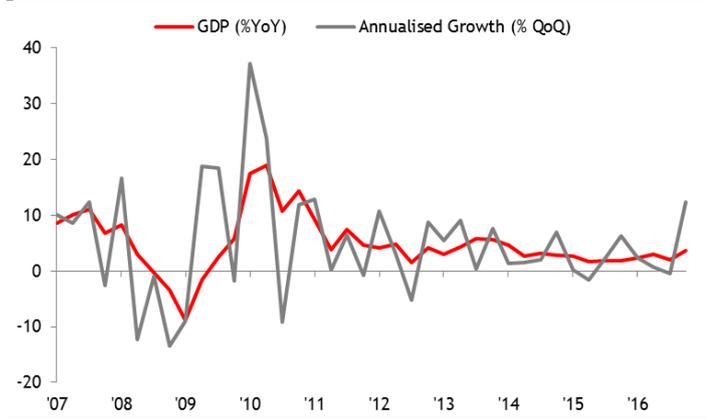
We think that MAS will likely maintain the current “neutral bias” for 2017 (and at April policy meeting), but the risk has increased towards normalization to a “mild appreciation bias” at the October meeting. The S\$NEER is currently trading on the weak side of the band.

#### Analysts

Chua Hak Bin  
(65) 6231 5830  
chuahb@maybank-ke.com.sg

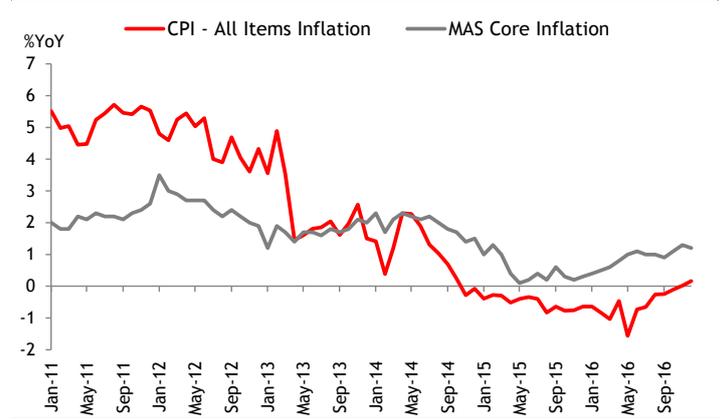
Lee Ju Ye  
(65) 6231 5844  
leejuye@maybank-ke.com.sg

**Fig 1: Real GDP Growth Accelerated in 4Q16**



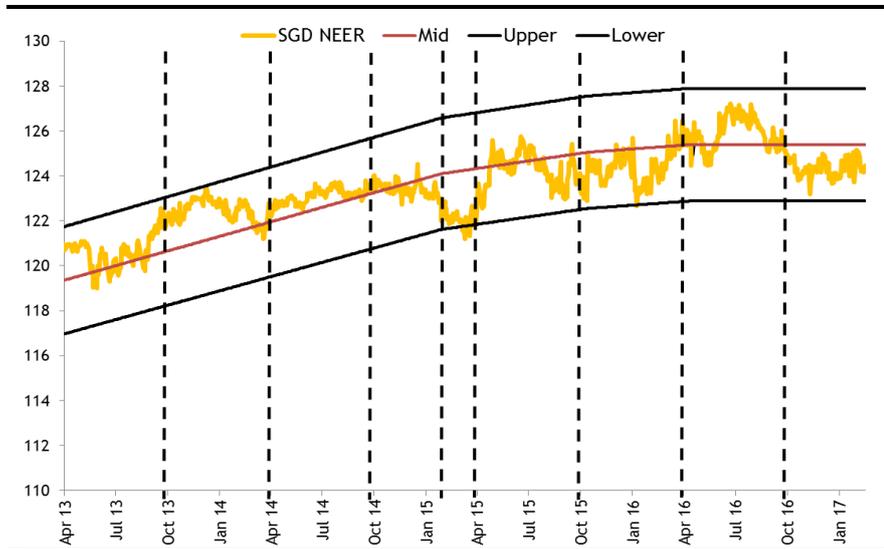
Source: CEIC, Maybank Kim Eng

**Fig 2: Inflation Has Bottomed and Started to Pick Up**



Source: CEIC, Maybank Kim Eng

**Fig 3: SGD NEER Still Trading Below Mid Band, On Weak Side**



Source: Bloomberg, Maybank Kim Eng

Table 1: Sectoral Growth Rates

	4Q15	2015	1Q16	2Q16	3Q16	4Q16	2016	2017F	2018F
	%YoY Change								
<b>Total</b>	<b>1.3</b>	<b>1.9</b>	<b>1.9</b>	<b>1.9</b>	<b>1.2</b>	<b>2.9</b>	<b>2.0</b>	<b>2.5</b>	<b>2.3</b>
Goods Producing Industries	-3.5	-3.1	0.5	1.8	0.9	7.9	2.8		
Manufacturing	-6.2	-5.1	-0.4	1.5	1.8	11.5	3.6		
Construction	5.6	3.9	3.1	2.7	-2.2	-2.8	0.2		
Services Industries	2.0	3.2	1.5	1.1	0.4	1.0	1.0		
Wholesale & Retail Trade	3.3	3.7	1.8	0.4	0.1	0.4	0.6		
Transportation & Storage	0.2	1.6	0.1	2.9	0.7	5.4	2.3		
Accom & Food Services	1.4	0.7	2.1	2.4	2.5	-0.2	1.7		
Info & Communications	-1.7	-0.6	2.9	3.5	1.3	1.4	2.3		
Finance & Insurance	3.0	5.7	1.9	0.1	0.1	0.6	0.7		
Business Services	2.9	3.9	0.3	-0.1	-1.8	-1.9	-0.9		
Other Services Industries	-0.3	1.2	2.4	2.6	3.6	3.9	3.1		
	Annualised QoQ Growth % (SA)								
<b>Total</b>	<b>5.1</b>	<b>1.9</b>	<b>-0.5</b>	<b>0.8</b>	<b>-0.4</b>	<b>12.3</b>	<b>2.0</b>	<b>2.5</b>	<b>2.3</b>
Goods Producing Industries	-1.9	-3.1	9.1	3.4	-6.6	29.3	2.8		
Manufacturing	-4.1	-5.1	12.9	3.6	-5.0	39.8	3.6		
Construction	4.4	3.9	-1.6	3.1	-12.6	0.8	0.2		
Services industries	5.9	3.2	-4.2	-0.7	1.1	8.4	1.0		
Wholesale & Retail Trade	0.7	3.7	-3.1	0.8	1.7	2.2	0.6		
Transportation & Storage	-4.7	1.6	4.4	5.3	-0.6	12.4	2.3		
Accom & Food Services	2.9	0.7	1.8	-0.2	5.2	-7.2	1.7		
Info & Communications	1.0	-0.6	3.2	5.0	-3.6	0.9	2.3		
Finance & Insurance	34.1	5.7	-19.0	-8.1	0.7	36.5	0.7		
Business Services	1.3	3.9	-3.6	-3.5	-1.0	0.3	-0.9		
Other Services Industries	-0.3	1.2	5.0	3.9	5.7	1.3	3.1		

Note: 2017 and 2018 numbers are Maybank Kim Eng's forecast.

Source: Maybank Kim Eng

## Research Offices

### REGIONAL

#### Sadiq CURRIMBHOY

Regional Head, Research & Economics  
(65) 6231 5836 sadiq@maybank-ke.com.sg

#### WONG Chew Hann, CA

Regional Head of Institutional Research  
(603) 2297 8686 wchewh@maybank-ib.com

#### ONG Seng Yeow

Regional Head of Retail Research  
(65) 6231 5839 ongsengyeow@maybank-ke.com.sg

#### TAN Sin Mui

Director of Research  
(65) 6231 5849 sinmui@kimeng.com.hk

### ECONOMICS

#### Suhaimi ILIAS

Chief Economist  
Malaysia | Philippines  
(603) 2297 8682 suhaimi\_ilias@maybank-ib.com

#### CHUA Hak Bin

Regional Thematic Macroeconomist  
(65) 6231 5830 chuahb@maybank-ke.com.sg

#### LEE Ju Ye

Singapore  
(65) 6231 5844 leejuye@maybank-ke.com.sg

#### Tim LEELAHAPHAN

Thailand  
(66) 2658 6300 ext 1420  
tim.l@maybank-ke.co.th

#### Saktiandi SUPAAT

Head, FX Research  
(65) 6320 1379 saktiandi@maybank.com.sg

### STRATEGY

#### Sadiq CURRIMBHOY

Global Strategist  
(65) 6231 5836 sadiq@maybank-ke.com.sg

#### Willie CHAN

Hong Kong | Regional  
(852) 2268 0631 williechan@kimeng.com.hk

### MALAYSIA

#### WONG Chew Hann, CA Head of Research

(603) 2297 8686 wchewh@maybank-ib.com

#### • Strategy

#### Desmond CH'NG, ACA

(603) 2297 8680  
desmond.chng@maybank-ib.com

#### • Banking & Finance

#### LIAW Thong Jung

(603) 2297 8688 tjliaw@maybank-ib.com

#### • Oil & Gas Services - Regional

#### ONG Chee Ting, CA

(603) 2297 8678 ct.ong@maybank-ib.com

#### • Plantations - Regional

#### Mohshin AZIZ

(603) 2297 8692 mohshin.aziz@maybank-ib.com

#### • Aviation - Regional • Petrochem

#### YIN Shao Yang, CPA

(603) 2297 8916 samuel.y@maybank-ib.com

#### • Gaming - Regional • Media

#### TAN Chi Wei, CFA

(603) 2297 8690 chiwei.t@maybank-ib.com

#### • Power • Telcos

#### WONG Wei Sum, CFA

(603) 2297 8679 weisum@maybank-ib.com

#### • Property

#### LEE Yen Ling

(603) 2297 8691 lee.yl@maybank-ib.com

#### • Building Materials • Glove • Ports • Shipping

#### Ivan YAP

(603) 2297 8612 ivan.yap@maybank-ib.com

#### • Automotive • Semiconductor • Technology

#### Kevin WONG

(603) 2082 6824 kevin.wong@maybank-ib.com

#### • REITs • Consumer Discretionary

#### LIEW Wei Han

(603) 2297 8676 weihan.l@maybank-ib.com

#### • Consumer Staples

#### Tee Sze Chiah Head of Retail Research

(603) 2297 6858 szechiah.t@maybank-ib.com

### HONG KONG / CHINA

#### Howard WONG Head of Research

(852) 2268 0648  
howardwong@kimeng.com.hk

#### • Strategy

#### • Oil & Gas - Regional

#### Benjamin HO

(852) 2268 0632 benjaminho@kimeng.com.hk

#### • Consumer & Auto

#### Christopher WONG

(852) 2268 0652 christopherwong@kimeng.com.hk

#### • HK & China Properties

#### Jacqueline KO, CFA

(852) 2268 0633 jacquelineko@kimeng.com.hk

#### • Consumer Staples & Durables

#### Ka Leong LO, CFA

(852) 2268 0630 klllo@kimeng.com.hk

#### • Consumer Discretionary & Auto

#### Mitchell KIM

(852) 2268 0634 mitchellkim@kimeng.com.hk

#### • Internet & Telcos

#### Ning MA

(852) 2268 0672 ningma@kimeng.com.hk

#### • Insurance

#### Ricky NG, CFA

(852) 2268 0689 rickyng@kimeng.com.hk

#### • Regional Renewables

#### • HK & China Properties

#### Sonija LI, CFA, FRM

(852) 2268 0641 sonijali@kimeng.com.hk

#### • Gaming

#### Stefan CHANG, CFA

(852) 2268 0675 stefanchang@kimeng.com.hk

#### • Technology - Regional

### INDIA

#### Jigar SHAH Head of Research

(91) 22 6623 2632 jigar@maybank-ke.co.in

#### • Strategy • Oil & Gas • Automobile • Cement

#### Vishal MODI

(91) 22 6623 2607 vishal@maybank-ke.co.in

#### • Banking & Financials

#### Neerav DALAL

(91) 22 6623 2606 neerav@maybank-ke.co.in

#### • Software Technology • Telcos

### SINGAPORE

#### Neel SINHA Head of Research

(65) 6231 5838 neelsinha@maybank-ke.com.sg

#### • Strategy

#### • SMID Caps - Regional

#### Gregory YAP

(65) 6231 5848 gyap@maybank-ke.com.sg

#### • SMID Caps

#### • Technology & Manufacturing • Telcos

#### Derrick HENG, CFA

(65) 6231 5843 derrickheng@maybank-ke.com.sg

#### • Transport • Property • REITs (Office)

#### John CHEONG, CFA

(65) 6231 5845 johncheong@maybank-ke.com.sg

#### • Small & Mid Caps • Healthcare

#### Ng Li Hiang

(65) 6231 5840 nglhiang@maybank-ke.com.sg

#### • Banks

### INDONESIA

#### Isnaputra ISKANDAR Head of Research

(62) 21 8066 8680  
isnaputra.iskandar@maybank-ke.co.id

#### • Strategy • Metals & Mining • Cement

#### Rahmi MARINA

(62) 21 8066 8689  
rahmi.marina@maybank-ke.co.id

#### • Banking & Finance

#### Aurellia SETIABUDI

(62) 21 8066 8691  
aurellia.setiabudi@maybank-ke.co.id

#### • Property

#### Pandu ANUGRAH

(62) 21 8066 8688  
pandu.anugrah@maybank-ke.co.id

#### • Infra • Construction • Transport • Telcos

#### Janni ASMAN

(62) 21 8066 8687  
janni.asman@maybank-ke.co.id

#### • Cigarette • Healthcare • Retail

#### Adhi TASMIN

(62) 21 8066 8694  
adhi.tasmin@maybank-ke.co.id

#### • Plantations

#### Anthony LUKMAWIJAYA

(62) 21 8066 8690  
anthony.lukmawijaya@maybank-ke.co.id

#### • Aviation

### PHILIPPINES

#### Michael BENGSON Head of Research

(63) 2 849 8840  
michael\_bengson@maybank-atrke.com

#### • Strategy • Utilities • Conglomerates • Telcos

#### Lovell SARREAL

(63) 2 849 8841  
lovell\_sarreal@maybank-atrke.com

#### • Consumer • Media • Cement

#### Rommel RODRIGO

(63) 2 849 8839  
rommel\_rodrigo@maybank-atrke.com

#### • Conglomerates • Property • Gaming

#### • Ports / Logistics

#### Katherine TAN

(63) 2 849 8843  
kat\_tan@maybank-atrke.com

#### • Banks • Construction

### THAILAND

#### Maria LAPIZ Head of Institutional Research

Dir (66) 2257 0250 | (66) 2658 6300 ext 1399  
Maria.L@maybank-ke.co.th

#### • Strategy • Consumer • Materials • Ind. Estates

#### Sittichai DUANGRATTANACHAYA

(66) 2658 6300 ext 1393  
Sittichai.D@maybank-ke.co.th

#### • Services Sector • Transport

#### Yupapan POLPORNPRASERT

(66) 2658 6300 ext 1395  
yupapan.p@maybank-ke.co.th

#### • Oil & Gas

#### Tanawat RUENBANTERNG

(66) 2658 6300 ext 1394  
Tanawat.R@maybank-ke.co.th

#### • Banks & Diversified Financials

#### Vorapoj HONGPINYO

(66) 2658 6300 ext 1392  
Vorapoj.h@maybank-ke.co.th

#### • Real Estate & Contractors

#### Sukit UDOMSIRIKUL Head of Retail Research

(66) 2658 6300 ext 5090  
Sukit.u@maybank-ke.co.th

#### Mayuree CHOWVIKLAN

(66) 2658 6300 ext 1440  
mayuree.c@maybank-ke.co.th

#### • Strategy

#### Padon VANNARAT

(66) 2658 6300 ext 1450  
Padon.v@maybank-ke.co.th

#### • Strategy

#### Surachai PRAMUALCHAROENKIT

(66) 2658 6300 ext 1470  
Surachai.p@maybank-ke.co.th

#### • Auto • Conmat • Contractor • Steel

#### Suttatip PEERASUB

(66) 2658 6300 ext 1400  
suttatip.p@maybank-ke.co.th

#### • Media • Commerce

#### Sutthichai KUMWORACHAI

(66) 2658 6300 ext 1400  
sutthichai.k@maybank-ke.co.th

#### • Energy • Petrochem

#### Termporn TANTIVIVAT

(66) 2658 6300 ext 1520  
termporn.t@maybank-ke.co.th

#### • Property

#### Jaroopnan WATTANAWONG

(66) 2658 6300 ext 1404  
jaroopnan.w@maybank-ke.co.th

#### • Transportation • Small cap

### VIETNAM

#### LE Hong Lien, ACCA

Head of Institutional Research  
(84) 8 44 555 888 x 8181

#### lien.le@maybank-kimeng.com.vn

#### • Strategy • Consumer • Diversified • Utilities

#### THAI Quang Trung, CFA, Deputy Manager,

Institutional Research  
(84) 8 44 555 888 x 8180

#### thai.trung@maybank-kimeng.com.vn

#### • Real Estate • Construction • Materials

#### Le Nguyen Nhat Chuyen

(84) 8 44 555 888 x 8082  
chuyen.le@maybank-kimeng.com.vn

#### • Oil & Gas

#### NGUYEN Thi Ngan Tuyen, Head of Retail Research

(84) 8 44 555 888 x 8081  
tuyen.nguyen@maybank-kimeng.com.vn

#### • Food & Beverage • Oil&Gas • Banking

#### TRINH Thi Ngoc Diep

(84) 4 44 555 888 x 8208  
diep.trinh@maybank-kimeng.com.vn

#### • Technology • Utilities • Construction

#### PHAM Nhat Bich

(84) 8 44 555 888 x 8083  
bich.pham@maybank-kimeng.com.vn

#### • Consumer • Manufacturing • Fishery

#### NGUYEN Thi Sony Tra Mi

(84) 8 44 555 888 x 8084  
mi.nguyen@maybank-kimeng.com.vn

#### • Port operation • Pharmaceutical

#### • Food & Beverage

#### TRUONG Quang Binh

(84) 4 44 555 888 x 8087  
binh.truong@maybank-kimeng.com.vn

#### • Rubber plantation • Tyres and Tubes • Oil&Gas

## APPENDIX I: TERMS FOR PROVISION OF REPORT, DISCLAIMERS AND DISCLOSURES

### DISCLAIMERS

This research report is prepared for general circulation and for information purposes only and under no circumstances should it be considered or intended as an offer to sell or a solicitation of an offer to buy the securities referred to herein. Investors should note that values of such securities, if any, may fluctuate and that each security's price or value may rise or fall. Opinions or recommendations contained herein are in form of technical ratings and fundamental ratings. Technical ratings may differ from fundamental ratings as technical valuations apply different methodologies and are purely based on price and volume-related information extracted from the relevant jurisdiction's stock exchange in the equity analysis. Accordingly, investors' returns may be less than the original sum invested. Past performance is not necessarily a guide to future performance. This report is not intended to provide personal investment advice and does not take into account the specific investment objectives, the financial situation and the particular needs of persons who may receive or read this report. Investors should therefore seek financial, legal and other advice regarding the appropriateness of investing in any securities or the investment strategies discussed or recommended in this report.

The information contained herein has been obtained from sources believed to be reliable but such sources have not been independently verified by Maybank Investment Bank Berhad, its subsidiary and affiliates (collectively, "MKE") and consequently no representation is made as to the accuracy or completeness of this report by MKE and it should not be relied upon as such. Accordingly, MKE and its officers, directors, associates, connected parties and/or employees (collectively, "Representatives") shall not be liable for any direct, indirect or consequential losses or damages that may arise from the use or reliance of this report. Any information, opinions or recommendations contained herein are subject to change at any time, without prior notice.

This report may contain forward looking statements which are often but not always identified by the use of words such as "anticipate", "believe", "estimate", "intend", "plan", "expect", "forecast", "predict" and "project" and statements that an event or result "may", "will", "can", "should", "could" or "might" occur or be achieved and other similar expressions. Such forward looking statements are based on assumptions made and information currently available to us and are subject to certain risks and uncertainties that could cause the actual results to differ materially from those expressed in any forward looking statements. Readers are cautioned not to place undue relevance on these forward-looking statements. MKE expressly disclaims any obligation to update or revise any such forward looking statements to reflect new information, events or circumstances after the date of this publication or to reflect the occurrence of unanticipated events.

MKE and its officers, directors and employees, including persons involved in the preparation or issuance of this report, may, to the extent permitted by law, from time to time participate or invest in financing transactions with the issuer(s) of the securities mentioned in this report, perform services for or solicit business from such issuers, and/or have a position or holding, or other material interest, or effect transactions, in such securities or options thereon, or other investments related thereto. In addition, it may make markets in the securities mentioned in the material presented in this report. One or more directors, officers and/or employees of MKE may be a director of the issuers of the securities mentioned in this report to the extent permitted by law.

This report is prepared for the use of MKE's clients and may not be reproduced, altered in any way, transmitted to, copied or distributed to any other party in whole or in part in any form or manner without the prior express written consent of MKE and MKE and its Representatives accepts no liability whatsoever for the actions of third parties in this respect.

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. This report is for distribution only under such circumstances as may be permitted by applicable law. The securities described herein may not be eligible for sale in all jurisdictions or to certain categories of investors. Without prejudice to the foregoing, the reader is to note that additional disclaimers, warnings or qualifications may apply based on geographical location of the person or entity receiving this report.

#### Malaysia

Opinions or recommendations contained herein are in the form of technical ratings and fundamental ratings. Technical ratings may differ from fundamental ratings as technical valuations apply different methodologies and are purely based on price and volume-related information extracted from Bursa Malaysia Securities Berhad in the equity analysis.

#### Singapore

This report has been produced as of the date hereof and the information herein may be subject to change. Maybank Kim Eng Research Pte. Ltd. ("Maybank KERPL") in Singapore has no obligation to update such information for any recipient. For distribution in Singapore, recipients of this report are to contact Maybank KERPL in Singapore in respect of any matters arising from, or in connection with, this report. If the recipient of this report is not an accredited investor, expert investor or institutional investor (as defined under Section 4A of the Singapore Securities and Futures Act), Maybank KERPL shall be legally liable for the contents of this report, with such liability being limited to the extent (if any) as permitted by law.

#### Thailand

Except as specifically permitted, no part of this presentation may be reproduced or distributed in any manner without the prior written permission of Maybank Kim Eng Securities (Thailand) Public Company Limited. Maybank Kim Eng Securities (Thailand) Public Company Limited ("MBKET") accepts no liability whatsoever for the actions of third parties in this respect.

Due to different characteristics, objectives and strategies of institutional and retail investors, the research reports of MBKET Institutional and Retail Research Department may differ in either recommendation or target price, or both. MBKET Retail Research is intended for retail investors (<http://kelive.maybank-ke.co.th>) while Maybank Kim Eng Institutional Research is intended only for institutional investors based outside Thailand only.

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 may be changed after that date. MBKET does not confirm nor certify the accuracy of such survey result.

The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by ThaiPat Institute, is made in order to comply with the policy and sustainable development plan for the listed companies of the Office of the Securities and Exchange Commission. ThaiPat Institute made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of ThaiPat Institute that is a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment is only the assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, MBKET does not confirm, verify, or certify the accuracy and completeness of the assessment result.

#### US

This third-party research report is distributed in the United States ("US") to Major US Institutional Investors (as defined in Rule 15a-6 under the Securities Exchange Act of 1934, as amended) only by Maybank Kim Eng Securities USA Inc ("Maybank KESUSA"), a broker-dealer registered in the US (registered under Section 15 of the Securities Exchange Act of 1934, as amended). All responsibility for the distribution of this report by Maybank KESUSA in the US shall be borne by Maybank KESUSA. This report is not directed at you if MKE is prohibited or restricted by any legislation or regulation in any jurisdiction from making it available to you. You should satisfy yourself before reading it that Maybank KESUSA is permitted to provide research material concerning investments to you under relevant legislation and regulations. All U.S. persons receiving and/or accessing this report and wishing to effect transactions in any security mentioned within must do so with: Maybank Kim Eng Securities USA Inc. 777 Third Avenue 21st Floor New York, New York 1- (212) 688-8886 and not with, the issuer of this report.

**UK**

This document is being distributed by Maybank Kim Eng Securities (London) Ltd (“Maybank KESL”) which is authorized and regulated, by the Financial Conduct Authority and is for Informational Purposes only. This document is not intended for distribution to anyone defined as a Retail Client under the Financial Services and Markets Act 2000 within the UK. Any inclusion of a third party link is for the recipients convenience only, and that the firm does not take any responsibility for its comments or accuracy, and that access to such links is at the individuals own risk. Nothing in this report should be considered as constituting legal, accounting or tax advice, and that for accurate guidance recipients should consult with their own independent tax advisers.

**DISCLOSURES****Legal Entities Disclosures**

**Malaysia:** This report is issued and distributed in Malaysia by Maybank Investment Bank Berhad (15938- H) which is a Participating Organization of Bursa Malaysia Berhad and a holder of Capital Markets and Services License issued by the Securities Commission in Malaysia. **Singapore:** This report is distributed in Singapore by Maybank KERPL (Co. Reg No 198700034E) which is regulated by the Monetary Authority of Singapore. **Indonesia:** PT Maybank Kim Eng Securities (“PTMKES”) (Reg. No. KEP-251/PM/1992) is a member of the Indonesia Stock Exchange and is regulated by the Financial Services Authority (Indonesia). **Thailand:** MBKET (Reg. No.0107545000314) is a member of the Stock Exchange of Thailand and is regulated by the Ministry of Finance and the Securities and Exchange Commission. **Philippines:** Maybank ATRKES (Reg. No.01-2004-00019) is a member of the Philippines Stock Exchange and is regulated by the Securities and Exchange Commission. **Vietnam:** Maybank Kim Eng Securities Limited (License Number: 117/GP-UBCK) is licensed under the State Securities Commission of Vietnam. **Hong Kong:** KESHK (Central Entity No AAD284) is regulated by the Securities and Futures Commission. **India:** Kim Eng Securities India Private Limited (“KESI”) is a participant of the National Stock Exchange of India Limited and the Bombay Stock Exchange and is regulated by Securities and Exchange Board of India (“SEBI”) (Reg. No. INZ000010538). KESI is also registered with SEBI as Category 1 Merchant Banker (Reg. No. INM 000011708) and as Research Analyst (Reg No: INH000000057) **US:** Maybank KESUSA is a member of/ and is authorized and regulated by the FINRA - Broker ID 27861. **UK:** Maybank KESL (Reg No 2377538) is authorized and regulated by the Financial Services Authority.

**Disclosure of Interest**

**Malaysia:** MKE and its Representatives may from time to time have positions or be materially interested in the securities referred to herein and may further act as market maker or may have assumed an underwriting commitment or deal with such securities and may also perform or seek to perform investment banking services, advisory and other services for or relating to those companies.

**Singapore:** As of 17 February 2017, Maybank KERPL and the covering analyst do not have any interest in any companies recommended in this research report.

**Thailand:** MBKET may have a business relationship with or may possibly be an issuer of derivative warrants on the securities /companies mentioned in the research report. Therefore, Investors should exercise their own judgment before making any investment decisions. MBKET, its associates, directors, connected parties and/or employees may from time to time have interests and/or underwriting commitments in the securities mentioned in this report.

**Hong Kong:** As of 17 February 2017, KESHK and the authoring analyst do not have any interest in any companies recommended in this research report.

**India:** As of 17 February 2017, and at the end of the month immediately preceding the date of publication of the research report, KESI, authoring analyst or their associate / relative does not hold any financial interest or any actual or beneficial ownership in any shares or having any conflict of interest in the subject companies except as otherwise disclosed in the research report.

In the past twelve months KESI and authoring analyst or their associate did not receive any compensation or other benefits from the subject companies or third party in connection with the research report on any account what so ever except as otherwise disclosed in the research report.

MKE may have, within the last three years, served as manager or co-manager of a public offering of securities for, or currently may make a primary market in issues of, any or all of the entities mentioned in this report or may be providing, or have provided within the previous 12 months, significant advice or investment services in relation to the investment concerned or a related investment and may receive compensation for the services provided from the companies covered in this report.

**OTHERS****Analyst Certification of Independence**

The views expressed in this research report accurately reflect the analyst’s personal views about any and all of the subject securities or issuers; and no part of the research analyst’s compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in the report.

**Reminder**

Structured securities are complex instruments, typically involve a high degree of risk and are intended for sale only to sophisticated investors who are capable of understanding and assuming the risks involved. The market value of any structured security may be affected by changes in economic, financial and political factors (including, but not limited to, spot and forward interest and exchange rates), time to maturity, market conditions and volatility and the credit quality of any issuer or reference issuer. Any investor interested in purchasing a structured product should conduct its own analysis of the product and consult with its own professional advisers as to the risks involved in making such a purchase.

No part of this material may be copied, photocopied or duplicated in any form by any means or redistributed without the prior consent of MKE.



Ong Seng Yeow | Executive Director, Maybank Kim Eng Research

 **Malaysia**

Maybank Investment Bank Berhad  
(A Participating Organisation of  
Bursa Malaysia Securities Berhad)  
33rd Floor, Menara Maybank,  
100 Jalan Tun Perak,  
50050 Kuala Lumpur  
Tel: (603) 2059 1888;  
Fax: (603) 2078 4194

Stockbroking Business:  
Level 8, Tower C, Dataran Maybank,  
No.1, Jalan Maarof  
59000 Kuala Lumpur  
Tel: (603) 2297 8888  
Fax: (603) 2282 5136

 **Philippines**

Maybank ATR Kim Eng Securities Inc.  
17/F, Tower One & Exchange Plaza  
Ayala Triangle, Ayala Avenue  
Makati City, Philippines 1200

Tel: (63) 2 849 8888  
Fax: (63) 2 848 5738

 **South Asia Sales Trading**

Kevin Foy  
Regional Head Sales Trading  
kevinfoy@maybank-ke.com.sg  
Tel: (65) 6636-3620  
US Toll Free: 1-866-406-7447

**Malaysia**

Joann Lim  
joann.lim@maybank-ib.com  
Tel: (603) 2717 5166

**Indonesia**

Harianto Liong  
harianto.liong@maybank-ke.co.id  
Tel: (62) 21 2557 1177

**New York**

Andrew Dacey  
adacey@maybank-keusa.com  
Tel: (212) 688 2956

**Vietnam**

Patrick Mitchell  
patrick.mitchell@maybank-kimeng.com.vn  
Tel: (84)-8-44-555-888 x8080

 **Singapore**

Maybank Kim Eng Securities Pte Ltd  
Maybank Kim Eng Research Pte Ltd  
50 North Canal Road  
Singapore 059304

Tel: (65) 6336 9090

 **Hong Kong**

Kim Eng Securities (HK) Ltd  
Level 30,  
Three Pacific Place,  
1 Queen's Road East,  
Hong Kong

Tel: (852) 2268 0800  
Fax: (852) 2877 0104

 **Thailand**

Maybank Kim Eng Securities  
(Thailand) Public Company Limited  
999/9 The Offices at Central World,  
20<sup>th</sup> - 21<sup>st</sup> Floor,  
Rama 1 Road Pathumwan,  
Bangkok 10330, Thailand

Tel: (66) 2 658 6817 (sales)  
Tel: (66) 2 658 6801 (research)

 **North Asia Sales Trading**

Andrew Lee  
andrewlee@kimeng.com.hk  
Tel: (852) 2268 0283  
US Toll Free: 1 877 837 7635

**Thailand**

Tanasak Krishnasreni  
Tanasak.K@maybank-ke.co.th  
Tel: (66)2 658 6820

**London**

Scott Kinnear-Nock  
SKinnear-nock@maybank-ke.co.uk  
Tel: (44) 207-332-0221

**India**

Manish Modi  
manish@maybank-ke.co.in  
Tel: (91)-22-6623-2601

**Philippines**

Keith Roy  
keith\_roy@maybank-atrke.com  
Tel: (63) 2 848-5288

 **London**

Maybank Kim Eng Securities  
(London) Ltd  
PNB House  
77 Queen Victoria Street  
London EC4V 4AY, UK

Tel: (44) 20 7332 0221  
Fax: (44) 20 7332 0302

 **Indonesia**

PT Maybank Kim Eng Securities  
Sentral Senayan III, 22<sup>nd</sup> Floor  
Jl. Asia Afrika No. 8  
Gelora Bung Karno, Senayan  
Jakarta 10270, Indonesia

Tel: (62) 21 8066 8500  
Fax: (62) 21 8066 8501

 **Vietnam**

Maybank Kim Eng Securities Limited  
4A-15+16 Floor Vincom Center Dong  
Khoi, 72 Le Thanh Ton St. District 1  
Ho Chi Minh City, Vietnam

Tel : (84) 844 555 888  
Fax : (84) 8 38 271 030

 **New York**

Maybank Kim Eng Securities USA  
Inc  
777 Third Avenue, 21st Floor  
New York, NY 10017, U.S.A.

Tel: (212) 688 8886  
Fax: (212) 688 3500

 **India**

Kim Eng Securities India Pvt Ltd  
2nd Floor, The International,  
16, Maharishi Karve Road,  
Churchgate Station,  
Mumbai City - 400 020, India

Tel: (91) 22 6623 2600  
Fax: (91) 22 6623 2604

 **Saudi Arabia**

*In association with*  
**Anfaal Capital**  
Villa 47, Tujjar Jeddah  
Prince Mohammed bin Abdulaziz  
Street P.O. Box 126575  
Jeddah 21352

Tel: (966) 2 6068686  
Fax: (966) 26068787