Malaysia Company Guide

British American Tobacco

Version 16 Bloomberg: ROTH MK | Reuters: BATO.KL

Refer to important disclosures at the end of this report

DBS Group Research . Equity

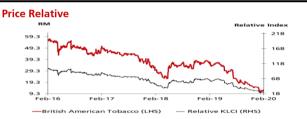
BUY (Upgrade from FULLY VALUED)

Last Traded Price (20 Feb 2020): RM12.70 (KLCI : 1,534.98) Price Target 12-mth: RM17.10 (35% upside) (Prev RM16.30) Analyst

Abdul Azim Muhthar +60 32604 3967 azimm@alliancedbs.com

What's New

- 4QFY19 earnings beat expectation driven by improved sales volume and lower operating costs
- Illegal cigarettes market share dropped from 72% to 68%
- Increase FY20-21F earnings forecast by 27-33% on better sales volume and cost control
- Negatives priced in; stock currently trading at -2 SD of 3-year mean; upgrade to BUY with TP of RM17.10 and dividend yield of 8%



Forecasts and Valuation				
FY Dec (RMm)	2018A	2019A	2020F	2021F
Revenue	2,823	2,509	2,590	2,603
EBITDA	624	514	466	473
Pre-tax Profit	624	464	433	437
Net Profit	469	346	324	327
Net Pft (Pre Ex.)	449	367	324	327
Net Pft Gth (Pre-ex) (%)	(14.1)	(18.2)	(11.7)	0.8
EPS (sen)	164	121	114	114
EPS Pre Ex. (sen)	157	129	114	114
EPS Gth Pre Ex (%)	(14)	(18)	(12)	1
Diluted EPS (sen)	157	129	114	114
Net DPS (sen)	155	118	102	103
BV Per Share (sen)	148	136	140	152
PE (X)	7.7	10.5	11.2	11.1
PE Pre Ex. (X)	8.1	9.9	11.2	11.1
P/Cash Flow (X)	7.3	10.9	10.2	10.0
EV/EBITDA (X)	6.3	7.8	8.6	8.5
Net Div Yield (%)	12.2	9.3	8.0	8.1
P/Book Value (X)	8.6	9.3	9.1	8.4
Net Debt/Equity (X)	8.0	1.0	1.0	0.9
ROAE (%)	116.6	85.3	82.2	78.5
Earnings Rev (%):			27	33
Consensus EPS (sen):		117	116	118
Other Broker Recs:		B: 6	S: 5	H: 6

Source of all data on this page: Company, AllianceDBS, Bloomberg Finance L.P

21 Feb 2020

Attractive valuation

Negatives priced in; upgrade to BUY. British American Tobacco's (ROTH) share price plunged largely due to; 1) disappointing 3QFY19 results as illegal cigarettes and vapour products controlled 74% of total market share, 2) concerns on its ability to retain high dividend payout (>95%) due to weak earnings and, 3) removal from the MSCI Global Standard Index effective end of this month.

However, there were encouraging signs in its 4QFY19 results such as; 1) ROTH and industry's sales volume improved, 2) lower market share for illegal cigarettes (4QFY19: 68%) and lower operating expenses (4QFY19: -22% q-o-q). We think the 4QFY19 results signals an inflection for the stock. ROTH's valuation is attractive given that the stock is currently trading at 11x FY20 EPS (below -2 SD of 3-year mean of 14x). Furthermore, at current price the stock offers attractive dividend yield of 8% (assuming 90% payout). Upgrade to BUY.

Where we differ: More conservative than consensus. Due to a tough operating environment, we are relatively more conservative on sales volume assumptions.

Potential catalysts: Lower illicit trade and better cost control. Lower market share for illegal cigarettes boosting legal volume and better cost control mainly from operating expenses.

Valuation

Post-earnings revision, we increased DCF-based TP to RM17.10.

Key Risks to Our View:

Lower market share for illicit cigarettes due to effective enforcement.

At A Glance

Issued Capital (m shrs)	286
Mkt. Cap (RMm/US\$m)	3,626 / 867
Major Shareholders (%)	
British American Tobacco BV	50.0
Aberdeen Asset	5.0
Employees Provident Fund	3.8
Free Float (%)	50
3m Avg. Daily Val (US\$m)	3.5
GIC Industry : Consumer Staples / Food, Beverage & Tobacco)







WHAT'S NEW

Encouraging signs

4QFY19 beat expectations. Stripping off various non-core adjustments including a restructuring exercise of RM15.4m and inventory write down of RM6.3m, the group's 4QFY19 core net profit came in at RM119m (+11% y-o-y,+44% q-o-q). This brings FY19 core profit to RM367m which beat our and consensus expectations.

The group also declared interim net dividends per share (DPS) of 33 sen. This brings its total dividend payout for FY19 to RM1.18, implying a payout ratio 98%.

Both industry and ROTH'S sales volume improved. On q-o-q basis, legal industry volume and ROTH's sales volume increased by 8% and 14% respectively which can be attributed to; 1) seasonality as 4Q has usually been stronger than 3Q, 2) Rothman gaining more market share (FY19: +5 ppt in the Value-For-Money (VFM) segment and lower market share for illegal cigarettes.

Market share for illegal cigarettes down to 68%. We are pleasantly surprised that market share for illegal cigarettes (including vapour products) fell to 68% from 74% in the previous quarter. While it is still considered very high, we view this as a positive sign for the industry.

Better cost control going forward. Excluding its restructuring exercise and inventory write down, its operating expenses in 4QFY19 improved (-59 y-o-y; -35% q-o-q) following some cost control by the management such as reprioritising marketing costs and postponing some planned expenditure.

Increase FY20-21F earnings by 27-33%. We increase our FY20 and 21 assumptions by 27% and 33% respectively mainly on; 1) better sales volume as we dial down our assumption for illegal cigarettes market share for FY20 and FY21 to 67% from 72% previously and, 2) cost savings from its restructuring exercise. ROTH's management has guided for potential cost savings from the restructuring exercise at RM35m/year (~15.6% of FY19 operating expenses).

Upgrade to BUY with revised TP of RM17.10. We think that negatives have largely been priced in and ROTH's valuation is attractive given that the stock is currently trading at -2 SD of 3-year mean of 14x FY20F. At current price, the stock offers attractive dividend yield of 8% (assuming 90% payout). As such, we upgrade our call to BUY with higher TP of RM17.10. Our TP implies 15x FY20F price-to-earnings (PE) which is still below -1 SD of 3-year mean of 20x.

Trading at -2 SD of 3-year mean (PE)



Source: AllianceDBS, Bloomberg Finance L.P



FY Dec	4Q2018	3Q2019	4Q2019	% chg yoy	% chg qoq
Devenue	771	584	662	(14.0)	12.4
Revenue			662	(14.0)	13.4
Cost of Goods Sold	(547)	(423)	(471)	(14.0)	11.3
Gross Profit	223	162	192	(14.1)	18.8
Other Oper. (Exp)/Inc	(70.1)	(49.1)	(31.9)	(54.5)	(35.0)
Operating Profit	153	112	160	4.4	42.3
Other Non Opg (Exp)/Inc	0.0	0.0	0.0	nm	nm
Associates & JV Inc	0.0	0.0	0.0	nm	nm
Net Interest (Exp)/Inc	(3.1)	(3.6)	(4.0)	(29.3)	(12.4)
Exceptional Gain/(Loss)	8.94	0.0	(21.8)	nm	nm
Pre-tax Profit	159	109	134	(15.6)	23.3
Tax	(42.6)	(25.7)	(36.4)	(14.4)	41.8
Minority Interest	0.0	0.0	0.0	nm	nm
Net Profit	116	83.1	97.7	(16.0)	17.5
Net profit bef Except.	107	83.1	119	11.2	43.7
EBITDA	155	116	164	5.5	41.1
Margins (%)					
Gross Margins	29.0	27.6	29.0		
Opg Profit Margins	19.9	19.2	24.1		
Net Profit Margins	15.1	14.2	14.7		

Source of all data: Company, AllianceDBS



CRITICAL DATA POINTS TO WATCH

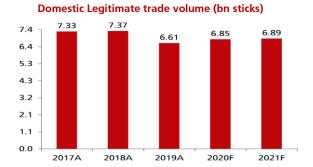
Pricing policy drives earnings. Operating in an oligopoly with three leading players (ROTH, Japan Tobacco International and Philip Morris International) in the legal cigarette market, the ability of ROTH to raise prices to pass on increased costs (mainly arising from hikes in the country's sin taxes) without affecting its market share and profit remains its key earnings driver.

Influence on market price. ROTH has a commanding market share of c.54% in the legal cigarette market in Malaysia. Such a dominant position has, to some extent, allowed the group to be a price-leader.

Optimising costs. To mitigate the impact of illicit trade on its earnings, the group has undertaken cost cutting initiatives such as overhead savings, lower marketing investment and distribution cost. As a result, its operating expenses in FY19 fell by 18% compared to the same period the previous year (FY18: -4%).

High illicit trade and alternatives. Given ROTH's dominant position in the legal cigarette market, high illicit trade continues to be a drag on its earnings growth. Despite strong enforcement recently by the authorities, illicit trade remains high at 64% of the estimated total market share. The increasing popularity of alternatives such as tobacco heating products (THP) could pose new challenges to the industry.

New government measures. The Malaysian tobacco industry's landscape remains challenging due to, (1) declining cigarette consumption per capita due to an increasingly health conscious population, (2) continuously high illicit trade, (3) regulatory risks and, (4) emergence of alternative offerings such as THP.





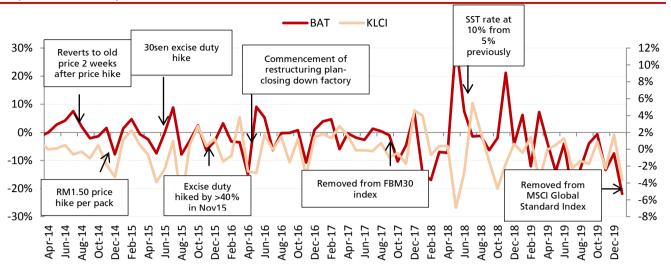




Source: Company, AllianceDBS

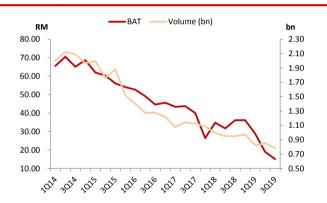


Graph 1: ROTH's share price movement relative to FBM KLCI index movement (m-o-m)



Source: Company, Bloomberg Finance L.P., AllianceDBS

ROTH's share price vs domestic sales volume



Source: Company, Bloomberg Finance L.P., AllianceDBS

ROTH's share price vs dividend per share (ex-special div)



Source: Company, Bloomberg Finance L.P., AllianceDBS

Remarks

As the largest distributor of cigarettes in Malaysia with c.54% market share in the legal cigarette market in Malaysia, ROTH's share price performance correlates strongly with the expansion and contraction of the group's domestic sales volume (correlation coefficient of 0.9), given that the group mainly derives its earnings from domestic consumption.

Remarks

With strong cash flow generating operations and consistently high dividend payout, ROTH is viewed as a dividend yield stock by the investment community. As such, the group's share price performance is closely correlated with its ability to pay out higher dividends (correlation coefficient of 0.8).



Balance Sheet:

Healthy balance sheet. The group's balance sheet remains healthy despite its net gearing position of about 0.8x (mainly used for working capital), given the strong cash generation of its business, which allows the group to comfortably meet its debt obligations and maintain a high dividend payout without overstretching its balance sheet.

Share Price Drivers:

Decline in illicit trade. A consistent drop in market share of illegal cigarettes could be a major game changer as it is an early indicator of the industry's performance. In our estimation, a 1% drop in illicit cigarettes' market share could increase ROTH's earnings by c.3%.

Key Risks:

High illicit trade. Counterfeit and smuggled cigarettes could continue to cap domestic sales volume in the legal cigarette market. Illicit trade rose from 47.1% in November 2015 to 58% of total market share in December 2016. Combined with vapour products, illegal cigarettes market share hit an all-time high of 74% in September 2019.

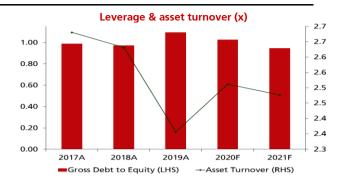
High taxes. In view of the persistently high illicit trade and low consumer affordability, we are doubtful of the ability of tobacco players to fully pass on any potential sales tax hike.

Environmental, Social, Governance (ESG):

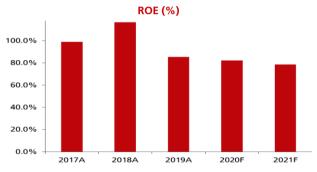
As a result of the acquisition of Reynolds American Incorporated (RAI), British American Tobacco plc. is now subject to US securities law, including the Sarbanes-Oxley Act of 2002 (the Act). British American Tobacco plc. had assigned the eleven sections of the Act to respective functional owners such as its Public Company Accounting Oversight Board (PCAOB), White-Collar Crime Penalty Enhancements and Enhanced Financial Disclosure

Company Background

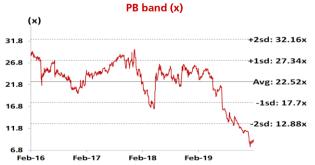
ROTH is a major distributor of cigarettes in Malaysia. Its portfolio includes the Dunhill, Pall Mall and Kent brands. The group has a c.54% market share of legal cigarettes in Malaysia.













Key Assumptions						
FY Dec	2017A	2018A	2019A	2020F	2021F	
Domestic Legitimate trade volume (bn sticks)	7.33	7.37	6.61	6.85	6.89	
Illicit trade market share (%)	61.0	63.0	68.0	67.0	67.0	
Gross margin (%)	34.3	31.7	28.6	24.6	24.6	
ncome Statement (RMm)						
FY Dec	2017A	2018A	2019A	2020F	2021F	
Revenue	3,002	2,823	2,509	2,590	2,603	
Cost of Goods Sold	(1,972)	(1,928)	(1,791)	(1,954)	(1,963)	
Gross Profit Other Opng (Exp)/Inc	1,031 (350)	895 (279)	718 (218)	636 (187) —	639 (187)	
Operating Profit	(350) 680	617	500	449	452	Lower operating
Other Non Opg (Exp)/Inc	0.0	0.0	0.0	0.0	0.0	expenses post
Associates & JV Inc	0.0	0.0	0.0	0.0	0.0	<u> </u>
Net Interest (Exp)/Inc	(9.9)	(12.2)	(14.7)	(15.2)	(14.6)	
Exceptional Gain/(Loss)	(29.8)	20.0	(21.3)	0.0	0.0	
Pre-tax Profit	641	624	464	433	437	
Tax	(147)	(154)	(117)	(109)	(110)	
Minority Interest	0.0	0.0	0.0	0.0	0.0	
Preference Dividend	0.0	0.0	0.0	0.0	0.0	
Net Profit	493	469	346	324	327	
Net Profit before Except.	522	449	367	324	327	
EBITDA	693	624	514	466	473	
Growth	(22.1)	(5.5)	(4.4.4)			
Revenue Gth (%)	(20.1)	(6.0)	(11.1)	3.2	0.5	
EBITDA Gth (%)	(29.0)	(10.0)	(17.6)	(9.2)	1.4	
Opg Profit Gth (%)	(29.3)	(9.4)	(19.0)	(10.2)	0.7	
Net Profit Gth (Pre-ex) (%)	(31.9)	(14.1)	(18.2)	(11.7)	0.8	
Margins & Ratio	242	21 7	20.6	246	246	
Gross Margins (%)	34.3 22.7	31.7	28.6	24.6	24.6	
Opg Profit Margin (%)	22.7 16.4	21.8 16.6	19.9	17.3	17.4 12.6	
Net Profit Margin (%)	16.4 99.0		13.8	12.5 82.2	12.6	
ROAE (%) ROA (%)	99.0 44.0	116.6 43.7	85.3 32.5	82.2 31.4	78.5 31.1	
ROCE (%)	44.0 69.7	43.7 58.3	32.5 44.9	31.4 40.2	31.1 39.8	
Div Payout Ratio (%)	98.0	94.5	97.5	90.0	90.0	
Net Interest Cover (x)	98.0 68.8	50.4	34.0	29.6	30.9	
Source: Company, AllianceDBS		J0. 4	54.0	25.0		 Conservatively assuming lower payout



Quarterly / Interim Income	Statement (R	RMm)				
FY Dec	4Q2018	1Q2019	2Q2019	3Q2019	4Q2019	
Revenue	771	621	641	584	662	
Cost of Goods Sold	(547)	(440)	(457)	(423)	(471)	
Gross Profit	223	181	184	162	192	
Other Oper. (Exp)/Inc	(70.1)	(60.3)	(77.0)	(49.1)	(31.9) _k	
Operating Profit	153	120	107	112	160	
Other Non Opg (Exp)/Inc	0.0	0.0	0.0	0.0	0.0	\
Associates & JV Inc	0.0	0.0	0.0	0.0	0.0	
Net Interest (Exp)/Inc	(3.1)	(3.1)	(4.1)	(3.6)	(4.0)	
Exceptional Gain/(Loss)	8.94	(0.8)	0.26	0.0	(21.8)	
Pre-tax Profit	159	117	103	109	134	
Tax	(42.6)	(28.0)	(26.4)	(25.7)	(36.4)	
Minority Interest	0.0	0.0	0.0	0.0	0.0	\
Net Profit	116	88.6	76.3	83.1	97.7	└─ Better cost control
Net profit bef Except.	107	89.4	76.0	83.1	119	
EBITDA	155	124	110	116	164	
Growth	4.0	/10 4\	2.2	(0.0)	17.4	
Revenue Gth (%)	4.8 (15.2)	(19.4)	(11.2)	(8.8)	13.4	
EBITDA Gth (%) Opg Profit Gth (%)	(15.3)	(20.0)	(11.2)	5.2	41.1	
Net Profit Gth (Pre-ex) (%)	(15.5)	(21.4)	(11.5)	5.5	42.3	
, , , ,	(20.6)	(16.8)	(15.0)	9.4	43.7	
Margins Gross Margins (%)	29.0	29.1	28.6	27.6	29.0	
Opg Profit Margins (%)	19.9	19.4	16.6	19.2	24.1	
Net Profit Margins (%)	15.1	14.3	11.9	14.2	14.7	
Net Front Margins (70)	15.1	14.5	11.5	14.2	17.7	
Balance Sheet (RMm)						
FY Dec	2017A	2018A	2019A	2020F	2021F	
Net Fixed Assets	34.8	44.0	65.5	69.3	69.6	
Invts in Associates & JVs	0.0	0.0	0.0	0.0	0.0	
Other LT Assets	451	444	432	434	435	
Cash & ST Invts	12.0	79.5	20.8	10.6	41.0	
Inventory	237	162	98.3	101	102	
Debtors	304	361	403	410	412	
Other Current Assets	6.60	9.42	8.22	8.22	8.22	
Total Assets	1,045	1,101	1,028	1,034	1,068	
ST Debt	378	410	425	410	410	
Creditor	277	236	171	181	181	
Other Current Liab	7.68	33.6	21.7	21.7	21.7	
LT Debt	0.0	0.0	0.0	0.0	0.0	
Other LT Liabilities	0.0	0.0	21.8	21.8	21.8	
Shareholder's Equity	382	422	389	400	433	
Minority Interests	0.0	0.0	0.0	0.0	0.0	
Total Cap. & Liab.	1,045	1,101	1,028	1,034	1,068	
· _	-		-	-		
Non-Cash Wkg. Capital	263	264	317	318	319	
Net Cash/(Debt)	(366)	(330)	(405)	(399)	(369)	
Debtors Turn (avg days)	39.3	43.0	55.6	57.3	57.7	
Creditors Turn (avg days)	63.5	48.7	41.8	33.1	34.0	
Inventory Turn (avg days)	42.1	37.9	26.8	18.8	19.1	
Asset Turnover (x)	2.7	2.6	2.4	2.5	2.5	
Current Ratio (x)	0.8	0.9	0.9	0.9	0.9	
Quick Ratio (x)	0.5	0.6	0.7	0.7	0.7	
Net Debt/Equity (X)	1.0	0.8	1.0	1.0	0.9	
Net Debt/Equity ex MI (X)	1.0	0.8	1.0	1.0	0.9	
Capex to Debt (%) Z-Score (X)	3.7 7.3	4.2 8.5	1.0 7.7	5.6 7.3	5.6 7.2	
Z-2COTE (A)	1.5	0.0	1.1	1.5	1.2	

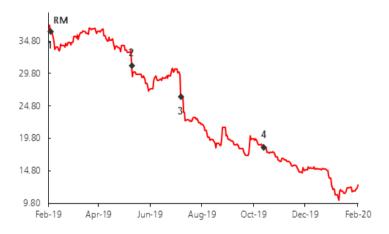
Source: Company, AllianceDBS



Cash Flow Statement (RMm	1)				
FY Dec	2017A	2018A	2019A	2020F	2021F
Pre-Tax Profit	639	623	462	433	437
Dep. & Amort.	12.9	7.05	14.2	17.7	21.1
Tax Paid	(129)	(124)	(117)	(109)	(110)
Assoc. & JV Inc/(loss)	0.0	0.0	0.0	0.0	0.0
Chg in Wkg.Cap.	(111)	(24.3)	(42.6)	(0.7)	(1.1)
Other Operating CF	(39.7)	11.5	14.0	15.2	14.6
Net Operating CF	372	494	331	356	361
Capital Exp.(net)	(14.0)	(17.2)	(4.2)	(22.9)	(22.9)
Other Invts.(net)	0.0	0.0	0.0	0.0	0.0
Invts in Assoc. & JV	0.0	0.0	0.0	0.0	0.0
Div from Assoc & JV	0.0	0.0	0.0	0.0	0.0
Other Investing CF	94.7	3.29	2.45	0.79	1.04
Net Investing CF	80.7	(14.0)	(1.7)	(22.1)	(21.9)
Div Paid	(711)	(431)	(377)	(313)	(294)
Chg in Gross Debt	248	32.0	11.0	(15.4)	0.0
Capital Issues	0.0	0.0	0.0	0.0	0.0
Other Financing CF	(11.4)	(13.5)	(21.8)	(16.0)	(15.7)
Net Financing CF	(474)	(413)	(388)	(344)	(309)
Currency Adjustments	0.0	0.0	0.0	0.0	0.0
Chg in Cash	(21.3)	67.1	(58.2)	(10.2)	30.4
Opg CFPS (sen)	169	181	131	125	127
Free CFPS (sen)	126	167	115	117	119

Source: Company, AllianceDBS

Target Price & Ratings History



S.No.	Report	Price	Target Price	Rating
1:	22 Feb 19	36.30	30.00	FULLY VALUED
2:	29 May 19	31.00	30.00	HOLD
3:	26 Jul 19	26.20	25.00	FULLY VALUED
4:	01 Nov 19	18.50	16.30	FULLY VALUED

Note: Share price and Target price are adjusted for corporate actions.

Source: AllianceDBS

Analyst: Abdul Azim Muhthar



AllianceDBS recommendations are based on an Absolute Total Return* Rating system, defined as follows:

STRONG BUY (>20% total return over the next 3 months, with identifiable share price catalysts within this time frame)

BUY (>15% total return over the next 12 months for small caps, >10% for large caps)

HOLD (-10% to +15% total return over the next 12 months for small caps, -10% to +10% for large caps)

FULLY VALUED (negative total return, i.e., > -10% over the next 12 months)

SELL (negative total return of > -20% over the next 3 months, with identifiable share price catalysts within this time frame)

*Share price appreciation + dividends

Completed Date: 21 Feb 2020 09:18:01 (MYT) Dissemination Date: 21 Feb 2020 09:44:26 (MYT)

Sources for all charts and tables are AllianceDBS unless otherwise specified.

GENERAL DISCLOSURE/DISCLAIMER

This report is prepared by AllianceDBS Research Sdn Bhd ("AllianceDBS"). This report is solely intended for the clients of DBS Bank Ltd, its respective connected and associated corporations and affiliates 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 AllianceDBS Research Sdn Bhd ("AllianceDBS").

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") have not conducted due diligence on any of the companies, verified any information or sources or taken into account any other factors which we may consider to be relevant or appropriate in preparing the research. Accordingly, we do not make any representation or warranty as to the accuracy, completeness or correctness of the research set out in this report. Opinions expressed are subject to change without notice. This research 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, it may not contain all material information concerning the company (or companies) referred to in this report and the DBS Group is under no obligation to update the information in this report.

This publication has not been reviewed or authorized by any regulatory authority in Singapore, Hong Kong or elsewhere. There is no planned schedule or frequency for updating research publication relating to any issuer.

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.

Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets.



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.

DBSVUSA, a US-registered broker-dealer, does not have its own investment banking or research department, has not participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction in the past twelve months and does not engage in market-making.

ANALYST CERTIFICATION

The research analyst(s) 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(s) 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 the report. The research analyst (s) primarily responsible for the content of this research report, in part or in whole, certifies that he or his associate does not serve as an officer of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant) and the research analyst(s) primarily responsible for the content of this research report or his associate does not have financial interests in relation to an issuer or a new listing applicant that the analyst reviews. DBS Group has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the DBS Group and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of DBS Group's compensation to any specific investment banking function of the DBS Group.

COMPANY-SPECIFIC / REGULATORY DISCLOSURES

- 1. DBS Bank Ltd, DBS HK, DBS Vickers Securities (Singapore) Pte Ltd ("DBSVS") or their subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of 31 Jan 2020.
- 2. Neither DBS Bank Ltd nor DBS HK market makes in equity securities of the issuer(s) or company(ies) mentioned in this Research Report.

Compensation for investment banking services:

3. DBSVUSA does not have its own investment banking or research department, nor has it participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction 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.

Disclosure of previous investment recommendation produced:

4. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd ("DBSVS"), their subsidiaries and/or other affiliates may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd ("DBSVS"), their subsidiaries and/or other affiliates in the preceding 12 months.

An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

² Financial interest is defined as interests that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.



RESTRICTIONS (ON 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, DBSVS or DBSV HK. DBS Bank Ltd holds Australian Financial Services Licence no. 475946.
	DBSVS and DBSV HK 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 Bank Ltd and DBSVS are regulated by the Monetary Authority of Singapore under the laws of Singapore, and DBSV HK is regulated by the Hong Kong Securities and Futures Commission under the laws of Hong Kong, 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 has been prepared by an entity(ies) which is not licensed by the Hong Kong Securities and Futures Commission to carry on the regulated activity of advising on securities pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong). This report is being distributed in Hong Kong and is attributable to DBS Bank (Hong Kong) Limited, a registered institution registered with the Hong Kong Securities and Futures Commission to carry on the regulated activity of advising on securities pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong). DBS Bank Ltd., Hong Kong Branch is a limited liability company incorporated in Singapore.
	For any query regarding the materials herein, please contact Carol Wu (Reg No. AH8283) at dbsvhk@dbs.com
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.
Malaysia	This report is distributed in Malaysia by AllianceDBS Research Sdn Bhd ("ADBSR"). 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.
	GAL.
	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.
United Kingdom	This report is produced by AllianceDBS Research Sdn Bhd which is regulated by the Securities Commission Malaysia. This report is disseminated in the United Kingdom by DBS Vickers Securities (UK) Ltd, ("DBSVUK"). DBSVUK is authorised and regulated by the Financial Conduct Authority in the United Kingdom. In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, its respective connected and
	associated corporations and affiliates 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 DBSVUK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this communication.
Dubai International Financial Centre	This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at units 608 - 610, 6 th Floor, Gate Precinct Building 5, PO Box 506538, 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 Arab Emirates	This report is provided by DBS Bank Ltd (Company Regn. No. 196800306E) which is an Exempt Financial Adviser as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. This report is for information purposes only and should not be relied upon or acted on by the recipient or considered as a solicitation or inducement to buy or sell any financial product. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situation, or needs of individual clients. You should contact your relationship manager or investment adviser if you need advice on the merits of buying, selling or holding a particular investment. You should note that the information in this report may be out of date and it is not represented or warranted to be accurate, timely or complete. This report or any portion thereof may not be reprinted, sold or redistributed without our written consent.
United States	This report was prepared by AllianceDBS Research Sdn Bhd ("AllianceDBS"). DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. 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 Regional Research Offices

HONG KONG DBS (Hong Kong) Ltd

Contact: Carol Wu 13th Floor One Island East, 18 Westlands Road, Quarry Bay, Hong Kong Tel: 852 3668 4181 Fax: 852 2521 1812 e-mail: dbsvhk@dbs.com

THAILAND

DBS Vickers Securities (Thailand) Co Ltd

Contact: Chanpen Sirithanarattanakul 989 Siam Piwat Tower Building, 9th, 14th-15th Floor Rama 1 Road, Pathumwan, Bangkok Thailand 10330 Tel. 66 2 857 7831

Fax: 66 2 658 1269

e-mail: research@th.dbs.com Company Regn. No 0105539127012 Securities and Exchange Commission, Thailand

MALAYSIA

AllianceDBS Research Sdn Bhd

Contact: Wong Ming Tek (128540 U) 19th Floor, Menara Multi-Purpose, Capital Square, 8 Jalan Munshi Abdullah 50100 Kuala Lumpur, Malaysia. Tel.: 603 2604 3333 Fax: 603 2604 3921

e-mail: general@alliancedbs.com

INDONESIA

PT DBS Vickers Sekuritas (Indonesia)

Contact: Maynard Priajaya Arif DBS Bank Tower Ciputra World 1, 32/F Jl. Prof. Dr. Satrio Kav. 3-5 Jakarta 12940, Indonesia Tel: 62 21 3003 4900 Fax: 6221 3003 4943

e-mail: indonesiaresearch@dbs.com

SINGAPORE **DBS Bank Ltd**

Contact: Janice Chua 12 Marina Boulevard, Marina Bay Financial Centre Tower 3 Singapore 018982 Tel: 65 6878 8888

Fax: 65 65353 418

e-mail: equityresearch@dbs.com Company Regn. No. 196800306E