

17 March 2020

Financial Services | Banks

Oversea-Chinese Banking Corp (OCBC SP)

Neutral (Maintained)

NIM To Narrow From FFR Cut

Target Price (Return): SGD9.60 (10.3%)
 Price: SGD8.70
 Market Cap: USD26,925m
 Avg Daily Turnover (SGD/USD) 62.5m/45.4m

- **Stay NEUTRAL with a new GGM-derived SGD9.60 TP from SGD11.20, 10% upside with c.6% yield**, based on 0.89x 2020F P/NBV. We lowered our sustainable ROE assumption to 10% from 10.7%, as we cut FY20F earnings on lower NIM and higher provision assumptions. The 15 Mar cut in the federal fund rate (FFR) will subsequently exert downside on the SIBOR. Travel restrictions globally – including the one announced by Malaysia yesterday following the recent pandemic declaration by the World Health Organisation – could raise provisioning requirements.
- **FFR cut on 15 Mar will lower the SIBOR going forward.** The US Federal Reserve cut the FFR twice in March (150bps in total) to the current upper bound of 0.25%. The 3-month SIBOR has fallen to the current 1.22% vs February's 1.69% average. It is likely that the 3-month SIBOR will fall further. We cut our FY20F NIM to 1.68% from 1.73% to factor in the two FFR cuts – recall that Oversea-Chinese Banking Corp recorded NIM of c.1.66% in FY13 and FY14 when the FFR was close to zero.
- **We forecast an FY20 loan contraction.** Given the global travel restrictions and sharp fall in crude oil price, investments are likely to be scaled back sharply. Malaysia accounts for 10.8% of OCBC's FY19 global loans, and we could see soft loans from there. We assume an overall loan contraction of 2% in FY20 for the bank.
- **Provisions to move up.** We believe asset quality will deteriorate as economic growth stalls. As a result, we raise our FY20F NPL ratio to 1.9% and increase our provisions for this period by 10% to SGD1.08bn, or 42bps credit cost.
- **We cut FY20F net profit by 8% to SGD4.17bn.** Our pre-report FY20F net profit is amongst the lowest amongst Bloomberg compilations, but we are cutting further to factor in the recent developments. There is further downside to earnings forecasts if the COVID-19 pandemic worsens globally.
- **OCBC's FY20F yield of c.6% may be high, but could come in lower.** Based on our 53 cents/share dividend for FY20F, OCBC's yield is c.6%, sharply higher than the 10-year Singapore Government Bond yield of 1.48%. However, there is a risk that a prolonged economic disruption could lead to dividends coming in lower than our expectations. Our TP is based on 2020F P/NBV of 0.89x, which is lower than the 5-year average of 1.15x. We believe OCBC could see short-term price downsides due to the headwinds mentioned above.

Analyst

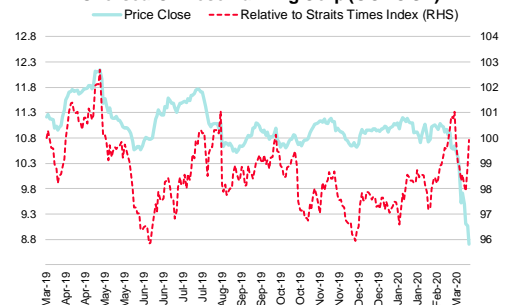
Leng Seng Choon CFA, PBM
 65 6232 3890
leng.seng.choon@rhbgroup.com



Share Performance (%)

	YTD	1m	3m	6m	12m
Absolute	(20.8)	(21.3)	(20.3)	(21.5)	(21.8)
Relative	1.8	1.2	1.9	0.6	0.2
52-wk Price low/high (SGD)	8.70 – 12.1				

Oversea-Chinese Banking Corp (OCBC SP)



Source: Bloomberg

Forecasts and Valuation	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
Reported net profit (SGDm)	4,492	4,869	4,168	4,672	5,118
Net profit growth (%)	11.1	8.4	(14.4)	12.1	9.6
Recurring net profit (SGDm)	4,492	4,869	4,168	4,672	5,118
Recurring EPS (SGD)	1.06	1.13	0.95	1.06	1.16
BVPS (SGD)	9.91	10.72	11.13	11.63	12.22
DPS (SGD)	0.43	0.53	0.53	0.56	0.58
Recurring P/E (x)	8.17	7.73	9.19	8.20	7.48
P/B (x)	0.88	0.81	0.78	0.75	0.71
Dividend Yield (%)	4.9	6.1	6.1	6.4	6.7
Return on average equity (%)	11.1	10.9	8.7	9.3	9.8

Source: Company data, RHB

17 March 2020

Financial Services | Banks

Financial Exhibits

Asia	Financial summary (SGD)	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
Singapore	EPS	1.06	1.13	0.95	1.06	1.16
Financial Services	Recurring EPS	1.06	1.13	0.95	1.06	1.16
Oversea-Chinese Banking Corp	DPS	0.43	0.53	0.53	0.56	0.58
OCBC SP	BVPS	9.91	10.72	11.13	11.63	12.22
Neutral						
	Valuation metrics	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
	Recurring P/E (x)	8.17	7.73	9.19	8.20	7.48
	P/B (x)	0.9	0.8	0.8	0.7	0.7
	Dividend Yield (%)	4.9	6.1	6.1	6.4	6.7
	Income statement (SGDm)	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
	Interest income	11,049	12,098	11,502	12,005	12,856
	Interest expense	(5,159)	(5,767)	(5,522)	(5,890)	(6,487)
	Net interest income	5,890	6,331	5,980	6,115	6,369
	Non interest income	3,811	4,540	4,450	4,816	5,275
	Total operating income	9,701	10,871	10,430	10,931	11,644
	Overheads	(4,214)	(4,644)	(4,686)	(4,934)	(5,175)
	Pre-provision operating profit	5,487	6,227	5,744	5,997	6,469
	Loan impairment allowances	(288)	(890)	(1,080)	(710)	(688)
	Other impairment allowances	(102)	(103)	(108)	(108)	(108)
	Income from associates	455	566	582	613	670
	Pre-tax profit	5,552	5,800	5,138	5,792	6,343
	Taxation	(877)	(778)	(812)	(953)	(1,047)
	Minority interests	(183)	(153)	(158)	(167)	(178)
	Reported net profit	4,492	4,869	4,168	4,672	5,118
	Recurring net profit	4,492	4,869	4,168	4,672	5,118
	Profitability ratios	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
	Return on average assets (%)	1.0	1.0	0.9	0.9	1.0
	Return on average equity (%)	11.1	10.9	8.7	9.3	9.8
	Return on IEAs (%)	3.3	3.5	3.3	3.4	3.5
	Cost of funds (%)	1.7	1.9	1.8	1.9	2.1
	Net interest spread (%)	1.5	1.6	1.5	1.5	1.4
	Net interest margin (%)	1.7	1.8	1.7	1.7	1.7
	Non-interest income / total income (%)	39.3	41.8	42.7	44.1	45.3
	Cost to income ratio (%)	43.4	42.7	44.9	45.1	44.4
	Credit cost (bps)	11.6	34.0	41.1	26.8	25.0
	Balance sheet (SGDm)	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
	Total gross loans	257,962	265,366	260,776	268,761	281,717
	Other interest earning assets	85,559	87,676	88,104	90,050	94,824
	Total gross IEAs	343,521	353,042	348,880	358,811	376,541
	Total provisions	(2,769)	(3,321)	(3,972)	(4,253)	(4,512)
	Net loans to customers	255,193	262,045	256,804	264,508	277,205
	Total net IEAs	340,752	349,721	344,908	354,558	372,029
	Total non-IEAs	126,791	141,970	142,322	142,088	144,795
	Total assets	467,543	491,691	487,230	496,646	516,824
	Customer deposits	295,412	302,851	298,308	302,783	314,894
	Other interest-bearing liabilities	7,576	8,250	5,114	6,424	7,847
	Total IBLs	302,988	311,101	303,422	309,207	322,741
	Total non-IBLs	121,163	131,987	133,386	134,700	138,686
	Total liabilities	424,151	443,088	436,808	443,907	461,427
	Share capital	15,750	17,261	17,303	17,457	17,820
	Shareholders' equity	42,137	47,162	48,998	51,205	53,771
	Minority interests	1,255	1,441	1,424	1,534	1,626
	Asset quality and capital	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
	Reported NPLs / gross cust loans (%)	1.5	1.5	1.8	1.7	1.5
	Total provisions / reported NPLs (%)	70.3	85.5	82.5	94.9	105.0
	CET-1 ratio (%)	14.0	14.9	16.2	16.8	17.2
	Tier-1 ratio (%)	14.8	15.6	17.2	17.8	18.1
	Total capital ratio (%)	16.5	16.9	18.5	19.1	19.3

Source: Company data, RHB

17 March 2020

Financial Services | Banks

Figure 1: OCBC financial data

OCBC (SGDm)	FY18	FY19	FY20F	FY21F	FY22F
NII	5,890	6,331	5,980	6,115	6,369
Non-II	3,811	4,540	4,450	4,816	5,275
- Dividends	128	92	98	107	126
- Fee & commission income	2,031	2,123	2,217	2,434	2,608
- Rental income	79	80	85	93	104
- Insurance	911	976	986	1,006	1,183
- Other operating income	662	1,269	1,064	1,176	1,254
Total operating Income	9,701	10,871	10,430	10,931	11,644
Operating expenses	(4,214)	(4,644)	(4,686)	(4,934)	(5,175)
Operating profit	5,487	6,227	5,744	5,997	6,469
Provisions	(288)	(890)	(1,080)	(710)	(688)
Goodwill/intangibles amortisation	(102)	(103)	(108)	(108)	(108)
Associates	455	566	582	613	670
Pre-tax profit	5,552	5,800	5,138	5,792	6,343
Taxation	(877)	(778)	(812)	(953)	(1,047)
Profit after tax	4,675	5,022	4,326	4,839	5,296
Minorities	(183)	(153)	(158)	(167)	(178)
Net profit	4,492	4,869	4,168	4,672	5,118
EPS (SGD¢)	106.0	114.0	94.7	106.2	116.3
Book value (SGD)	9.56	10.38	10.79	11.29	11.88
Revalued book (SGD)	11.38	12.13	12.55	13.05	13.63
P&L ratios (%)					
ROE (Avg)	11.5	11.4	9.9	10.5	11.0
NIM	1.70	1.77	1.68	1.71	1.72
NII/income	60.7	58.2	57.3	55.9	54.7
Operating expenses/income	43.4	42.7	44.9	45.1	44.4
P&L YoY change (%)					
NII	8.6	7.5	(5.5)	2.3	4.2
Non-II	(7.2)	19.1	(2.0)	8.2	9.5
Fee & commission income	4.0	4.5	4.4	9.8	7.1
Total income	1.8	12.1	(4.1)	4.8	6.5
Operating expenses	4.2	10.2	0.9	5.3	4.9
Operating profit	0.0	13.5	(7.8)	4.4	7.9
Provisions	(57.1)	209.0	21.3	(34.3)	(3.1)
Pre-tax profit	8.9	4.5	(11.4)	12.7	9.5
Net profit	11.1	8.4	(14.4)	12.1	9.6
BS data (SGDm)					
Assets	467,543	491,691	487,230	496,646	516,824
Non-bank loans	255,193	262,045	256,804	264,508	277,205
Customer deposit	295,412	302,851	298,308	302,783	314,894
Non-performing assets	3,938	3,883	4,812	4,483	4,296
Cumulative loan loss provisions	2,769	3,321	3,972	4,253	4,512
Balance sheet ratios (%)					
Loans deposit ratio	86.4	86.5	86.1	87.4	88.0
Non-bank loans growth (YoY%)	9.0	2.7	(2.0)	3.0	4.8
Customer deposit growth (YoY%)	4.1	2.5	(1.5)	1.5	4.0
Non-bank NPL/non-bank loans	1.5	1.5	1.9	1.7	1.6
Loan loss coverage	70.3	85.5	82.5	94.9	105.0
Total CAR	16.5	16.9	18.5	19.1	19.3
Tier 1 CAR	14.8	15.6	17.2	17.8	18.1

Source: Company data, RHB

Recommendation Chart



Source: RHB, Bloomberg

Date	Recommendation	Target Price	Price
2020-02-23	Neutral	11.2	11.0
2019-11-05	Neutral	11.5	11.1
2019-09-26	Neutral	11.5	10.8
2019-08-20	Neutral	11.5	10.7
2019-08-05	Neutral	11.8	11.1
2019-07-17	Neutral	12.2	11.6
2019-05-13	Neutral	12.2	11.2
2019-05-10	Neutral	12.2	11.4
2019-04-22	Neutral	12.2	11.8

Source: RHB, Bloomberg

RHB Guide to Investment Ratings

Buy:	Share price may exceed 10% over the next 12 months
Trading Buy:	Share price may exceed 15% over the next 3 months, however longer-term outlook remains uncertain
Neutral:	Share price may fall within the range of +/- 10% over the next 12 months
Take Profit:	Target price has been attained. Look to accumulate at lower levels
Sell:	Share price may fall by more than 10% over the next 12 months
Not Rated:	Stock is not within regular research coverage

Investment Research Disclaimers

RHB has issued this report for information purposes only. This report is intended for circulation amongst RHB and its affiliates' clients generally or such persons as may be deemed eligible by RHB to receive this report and does not have regard to the specific investment objectives, financial situation and the particular needs of any specific person who may receive this report. This report is not intended, and should not under any circumstances be construed as, an offer or a solicitation of an offer to buy or sell the securities referred to herein or any related financial instruments.

This report may further consist of, whether in whole or in part, summaries, research, compilations, extracts or analysis that has been prepared by RHB's strategic, joint venture and/or business partners. No representation or warranty (express or implied) is given as to the accuracy or completeness of such information and accordingly investors should make their own informed decisions before relying on the same.

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 the applicable laws or regulations. By accepting this report, the recipient hereof (i) represents and warrants that it is lawfully able to receive this document under the laws and regulations of the jurisdiction in which it is located or other applicable laws and (ii) acknowledges and agrees to be bound by the limitations contained herein. Any failure to comply with these limitations may constitute a violation of applicable laws.

All the information contained herein is based upon publicly available information and has been obtained from sources that RHB believes to be reliable and correct at the time of issue of this report. However, such sources have not been independently verified by RHB and/or its affiliates and this report does not purport to contain all information that a prospective investor may require. The opinions expressed herein are RHB's present opinions only and are subject to change without prior notice. RHB is not under any obligation to update or keep current the information and opinions expressed herein or to provide the recipient with access to any additional information. Consequently, RHB does not guarantee, represent or warrant, expressly or impliedly, as to the adequacy, accuracy, reliability, fairness or completeness of the information and opinion contained in this report. Neither RHB (including its officers, directors, associates, connected parties, and/or employees) nor does any of its agents accept any liability for any direct, indirect or consequential losses, loss of profits and/or damages that may arise from the use or reliance of this research report and/or further communications given in relation to this report. Any such responsibility or liability is hereby expressly disclaimed.

Whilst every effort is made to ensure that statement of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable and must not be construed as a representation that the matters referred to therein will occur. Different assumptions by RHB or any other source may yield substantially different results and recommendations contained on one type of research product may differ from recommendations contained in other types of research. The performance of currencies may affect the value of, or income from, the securities or any other financial instruments referenced in this report. Holders of depositary receipts backed by the securities discussed in this report assume currency risk. Past performance is not a guide to future performance. Income from investments may fluctuate. The price or value of the investments to which this report relates, either directly or indirectly, may fall or rise against the interest of investors.

This report does not purport to be comprehensive or to contain all the information that a prospective investor may need in order to make an investment decision. The recipient of this report is making its own independent assessment and decisions regarding any securities or financial instruments referenced herein. Any investment discussed or recommended in this report may be unsuitable for an investor depending on the investor's specific investment objectives and financial position. The material in this report is general information intended for recipients who understand the risks of investing in financial instruments. This report does not take into account whether an investment or course of action and any associated risks are suitable for the recipient. Any recommendations contained in this report must therefore not be relied upon as investment advice based on the recipient's personal circumstances. Investors should make their own independent evaluation of the information contained herein, consider their own investment objective, financial situation and particular needs and seek their own financial, business, legal, tax and other advice regarding the appropriateness of investing in any securities or the investment strategies discussed or recommended in this report.

This report may contain forward-looking statements which are often but not always identified by the use of words such as "believe", "estimate", "intend" and "expect" and statements that an event or result "may", "will" or "might" occur or be achieved and other similar expressions. Such forward-looking statements are based on assumptions made and information currently available to RHB and are subject to known and

unknown risks, uncertainties and other factors which may cause the actual results, performance or achievement to be materially different from any future results, performance or achievement, expressed or implied by such forward-looking statements. Caution should be taken with respect to such statements and recipients of this report should not place undue reliance on any such forward-looking statements. RHB expressly disclaims any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or circumstances after the date of this publication or to reflect the occurrence of unanticipated events.

The use of any website to access this report electronically is done at the recipient's own risk, and it is the recipient's sole responsibility to take precautions to ensure that it is free from viruses or other items of a destructive nature. This report may also provide the addresses of, or contain hyperlinks to, websites. RHB takes no responsibility for the content contained therein. Such addresses or hyperlinks (including addresses or hyperlinks to RHB own website material) are provided solely for the recipient's convenience. The information and the content of the linked site do not in any way form part of this report. Accessing such website or following such link through the report or RHB website shall be at the recipient's own risk.

This report may contain information obtained from third parties. Third party content providers do not guarantee the accuracy, completeness, timeliness or availability of any information and are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, or for the results obtained from the use of such content. Third party content providers give no express or implied warranties, including, but not limited to, any warranties of merchantability or fitness for a particular purpose or use. Third party content providers shall not be liable for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including lost income or profits and opportunity costs) in connection with any use of their content.

The research analysts responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and autonomously. The research analysts that authored this report are precluded by RHB in all circumstances from trading in the securities or other financial instruments referenced in the report, or from having an interest in the company(ies) that they cover.

The contents of this report is strictly confidential and may not be copied, reproduced, published, distributed, transmitted or passed, in whole or in part, to any other person without the prior express written consent of RHB and/or its affiliates. This report has been delivered to RHB and its affiliates' clients for information purposes only and upon the express understanding that such parties will use it only for the purposes set forth above. By electing to view or accepting a copy of this report, the recipients have agreed that they will not print, copy, videotape, record, hyperlink, download, or otherwise attempt to reproduce or re-transmit (in any form including hard copy or electronic distribution format) the contents of this report. RHB and/or its affiliates accepts no liability whatsoever for the actions of third parties in this respect.

The contents of this report are subject to copyright. Please refer to Restrictions on Distribution below for information regarding the distributors of this report. Recipients must not reproduce or disseminate any content or findings of this report without the express permission of RHB and the distributors.

The securities mentioned in this publication may not be eligible for sale in some states or countries or certain categories of investors. The recipient of this report should have regard to the laws of the recipient's place of domicile when contemplating transactions in the securities or other financial instruments referred to herein. The securities discussed in this report may not have been registered in such jurisdiction. Without prejudice to the foregoing, the recipient is to note that additional disclaimers, warnings or qualifications may apply based on geographical location of the person or entity receiving this report.

The term "RHB" shall denote, where appropriate, the relevant entity distributing or disseminating the report in the particular jurisdiction referenced below, or, in every other case, RHB Investment Bank Berhad and its affiliates, subsidiaries and related companies.

RESTRICTIONS ON DISTRIBUTION

Malaysia

This report is issued and distributed in Malaysia by RHB Investment Bank Berhad ("RHBIB"). The views and opinions in this report are our own as of the date hereof and is subject to change. If the Financial Services and Markets Act of the United Kingdom or the rules of the Financial Conduct Authority apply to a recipient, our obligations owed to such recipient therein are unaffected. RHBIB has no obligation to update its opinion or the information in this report.

Thailand

This report is issued and distributed in the Kingdom of Thailand by RHB Securities (Thailand) PCL, a licensed securities company that is authorised by the Ministry of Finance, regulated by the Securities and Exchange Commission of Thailand and is a member of the Stock Exchange of Thailand. The Thai Institute of Directors Association has disclosed the Corporate Governance Report of Thai Listed Companies made pursuant to the policy of the Securities and Exchange Commission of Thailand. RHB Securities (Thailand) PCL does not endorse, confirm nor certify the result of the Corporate Governance Report of Thai Listed Companies.

Indonesia

This report is issued and distributed in Indonesia by PT RHB Sekuritas Indonesia. This research does not constitute an offering document and it should not be construed as an offer of securities in Indonesia. Any securities offered or sold, directly or indirectly, in Indonesia or to any Indonesian citizen or corporation (wherever located) or to any Indonesian resident in a manner which constitutes a public offering under Indonesian laws and regulations must comply with the prevailing Indonesian laws and regulations.

Singapore

This report is issued and distributed in Singapore by RHB Securities Singapore Pte Ltd which is a holder of a capital markets services licence and an exempt financial adviser regulated by the Monetary Authority of Singapore. RHB Securities Singapore Pte Ltd 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, RHB Securities Singapore Pte Ltd accepts legal responsibility for the contents of the report to such persons only to the extent required by law. Singapore recipients should contact RHB Securities Singapore Pte Ltd in respect of any matter arising from or in connection with the report.

Hong Kong

This report is distributed in Hong Kong by RHB Securities Hong Kong Limited (興業橋豐證券有限公司) (CE No.: ADU220) ("RHBSHK") which is licensed in Hong Kong by the Securities and Futures Commission for Type 1 (dealing in securities). Any investors wishing to purchase or otherwise deal in the securities covered in this report should contact RHBSHK. RHBSHK is a wholly owned subsidiary of RHB Hong Kong Limited; for the purposes of disclosure under the Hong Kong jurisdiction herein, please note that RHB Hong Kong Limited with its affiliates (including but not limited to RHBSHK) will collectively be referred to as "RHBHK." RHBHK conducts a full-service, integrated investment banking, asset management, and brokerage business. RHBHK does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this research report. Investors should consider this report as only a single factor in making their investment decision. Importantly, please see the company-specific regulatory disclosures below for compliance with specific rules and regulations under the Hong Kong jurisdiction. Other than company-specific disclosures relating to RHBHK, this research report is based on current public information that we consider reliable, but we do not represent it is accurate or complete, and it should not be relied on as such.

United States

This report was prepared by RHB and is being distributed solely and directly to "major" U.S. institutional investors as defined under, and pursuant to, the requirements of Rule 15a-6 under the U.S. Securities and Exchange Act of 1934, as amended (the "Exchange Act"). Accordingly, access to this report via Bursa Marketplace or any other Electronic Services Provider is not intended for any party other than "major" US institutional investors, nor shall be deemed as solicitation by RHB in any manner. RHB is not registered as a broker-dealer in the United States and does not offer brokerage services to U.S. persons. Any order for the purchase or sale of the securities discussed herein that are listed on Bursa Malaysia Securities Berhad must be placed with and through Auerbach Grayson ("AG"). Any order for the purchase or sale of all other securities discussed herein must be placed with and through such other registered U.S. broker-dealer as appointed by RHB from time to time as required by the Exchange Act Rule 15a-6. This report is confidential and not intended for distribution to, or use by, persons other than the recipient and its employees, agents and advisors, as applicable. Additionally, where research is distributed via Electronic Service Provider, the analysts whose names appear in this report are not registered or qualified as research analysts in the United States and are not associated persons of Auerbach Grayson AG or such other registered U.S. broker-dealer as appointed by RHB from time to time and therefore may not be subject to any applicable restrictions under Financial Industry Regulatory Authority ("FINRA") rules on communications with a subject company, public appearances and personal trading. Investing in any non-U.S. securities or related financial instruments discussed in this research report may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the U.S. Securities and Exchange Commission. Information on non-U.S. securities or related financial instruments may be limited. Foreign companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in the United States. The financial instruments discussed in this report may not be suitable for all investors. Transactions in foreign markets may be subject to regulations that differ from or offer less protection than those in the United States.

DISCLOSURE OF CONFLICTS OF INTEREST

RHB Investment Bank Berhad, its subsidiaries (including its regional offices) and associated companies, ("RHBIB Group") form a diversified financial group, undertaking various investment banking activities which include, amongst others, underwriting, securities trading, market making and corporate finance advisory.

As a result of the same, in the ordinary course of its business, any member of the RHBIB Group, may, from time to time, have business relationships with or hold positions in the securities (including capital market products) or perform and/or solicit investment, advisory or other services from any of the subject company(ies) covered in this research report.

While the RHBIB Group will ensure that there are sufficient information barriers and internal controls in place where necessary, to prevent/manage any conflicts of interest to ensure the independence of this report, investors should also be aware that such conflict of interest may exist in view of the investment banking activities undertaken by

the RHBIB Group as mentioned above and should exercise their own judgement before making any investment decisions.

Malaysia

Save as disclosed in the following link ([RHB Research conflict disclosures – Mar 2020](#)) and to the best of our knowledge, RHBIB hereby declares that:

1. RHBIB does not have a financial interest in the securities or other capital market products of the subject company(ies) covered in this report.
2. RHBIB is not a market maker in the securities or capital market products of the subject company(ies) covered in this report.
3. None of RHBIB's staff or associated person serve as a director or board member* of the subject company(ies) covered in this report
**For the avoidance of doubt, the confirmation is only limited to the staff of research department*
4. RHBIB did not receive compensation for investment banking or corporate finance services from the subject company in the past 12 months.
5. RHBIB did not receive compensation or benefit (including gift and special cost arrangement e.g. company/issuer-sponsored and paid trip) in relation to the production of this report.

Thailand

Save as disclosed in the following link ([RHB Research conflict disclosures – Mar 2020](#)) and to the best of our knowledge, RHB Securities (Thailand) PCL hereby declares that:

1. RHB Securities (Thailand) PCL does not have a financial interest in the securities or other capital market products of the subject company(ies) covered in this report.
2. RHB Securities (Thailand) PCL is not a market maker in the securities or capital market products of the subject company(ies) covered in this report.
3. None of RHB Securities (Thailand) PCL's staff or associated person serve as a director or board member* of the subject company(ies) covered in this report
**For the avoidance of doubt, the confirmation is only limited to the staff of research department*
4. RHB Securities (Thailand) PCL did not receive compensation for investment banking or corporate finance services from the subject company in the past 12 months.
5. RHB Securities (Thailand) PCL did not receive compensation or benefit (including gift and special cost arrangement e.g. company/issuer-sponsored and paid trip) in relation to the production of this report.

Indonesia

Save as disclosed in the following link ([RHB Research conflict disclosures – Mar 2020](#)) and to the best of our knowledge, PT RHB Sekuritas Indonesia hereby declares that:

1. PT RHB Sekuritas Indonesia and its investment analysts, does not have any interest in the securities of the subject company(ies) covered in this report.
For the avoidance of doubt, interest in securities include the following:
 - a) Holding directly or indirectly, individually or jointly own/hold securities or entitled for dividends, interest or proceeds from the sale or exercise of the subject company's securities covered in this report*;
 - b) Being bound by an agreement to purchase securities or has the right to transfer the securities or has the right to pre subscribe the securities*.
 - c) Being bound or required to buy the remaining securities that are not subscribed/placed out pursuant to an Initial Public Offering*.
 - d) Managing or jointly with other parties managing such parties as referred to in (a), (b) or (c) above.
2. PT RHB Sekuritas Indonesia is not a market maker in the securities or capital market products of the subject company(ies) covered in this report.
3. None of PT RHB Sekuritas Indonesia's staff** or associated person serve as a director or board member* of the subject company(ies) covered in this report.
4. PT RHB Sekuritas Indonesia did not receive compensation for investment banking or corporate finance services from the subject company in the past 12 months.
5. PT RHB Sekuritas Indonesia** did not receive compensation or benefit (including gift and special cost arrangement e.g. company/issuer-sponsored and paid trip) in relation to the production of this report:

Notes:

*The overall disclosure is limited to information pertaining to PT RHB Sekuritas Indonesia only.

**The disclosure is limited to Research staff of PT RHB Sekuritas Indonesia only.

Singapore

Save as disclosed in the following link ([RHB Research conflict disclosures – Mar 2020](#)) and to the best of our knowledge, RHB Securities Singapore Pte Ltd hereby declares that:

1. RHB Securities Singapore Pte Ltd, its subsidiaries and/or associated companies do not make a market in any issuer covered in this report.
2. RHB Securities Singapore Pte Ltd, its subsidiaries and/or its associated companies and its analysts do not have a financial interest (including a shareholding of 1% or more) in the issuer covered in this report.
3. RHB Securities, its staff or connected persons do not serve on the board or trustee positions of the issuer covered in this report.
4. RHB Securities Singapore Pte Ltd, its subsidiaries and/or its associated companies do not have and have not within the last 12 months had any corporate finance advisory relationship with the issuer covered in this report or any other relationship that may create a potential conflict of interest.
5. RHB Securities Singapore Pte Ltd, or person associated or connected to it do not have any interest in the acquisition or disposal of, the securities, specified securities based derivatives contracts or units in a collective investment scheme covered in this report.
6. RHB Securities Singapore Pte Ltd and its analysts do not receive any compensation or benefit in connection with the production of this research report or recommendation.

Analyst Certification

The analyst(s) who prepared this report, and their associates hereby, certify that:
(1) they do not have any financial interest in the securities or other capital market products of the subject companies mentioned in this report, except for:

Analyst	Company
-	-

(2) no part of his or her compensation was, is or will be directly or indirectly related to the specific recommendations or views expressed in this report.

**KUALA LUMPUR**

RHB Investment Bank Bhd
Level 3A, Tower One, RHB Centre
Jalan Tun Razak
Kuala Lumpur 50400
Malaysia
Tel : +603 9280 8888
Fax : +603 9200 2216

JAKARTA

PT RHB Sekuritas Indonesia
Revenue Tower, 11th Floor, District 8
- SCBD
Jl. Jendral Sudirman Kav 52-53
Jakarta 12190
Indonesia
Tel : +6221 509 39 888
Fax : +6221 509 39 777

HONG KONG

RHB Securities Hong Kong Ltd.
12th Floor, World-Wide House
19 Des Voeux Road
Central
Hong Kong
Tel : +852 2525 1118
Fax : +852 2810 0908

BANGKOK

RHB Securities (Thailand) PCL
10th Floor, Sathorn Square Office
Tower
98, North Sathorn Road, Silom
Bangrak, Bangkok 10500
Thailand
Tel: +66 2088 9999
Fax :+66 2088 9799

SINGAPORE

**RHB Securities Singapore
Pte Ltd.**
10 Collyer Quay
#09-08 Ocean Financial Centre
Singapore 049315
Tel : +65 6533 1818
Fax : +65 6532 6211