

# **United Overseas Bank Limited**

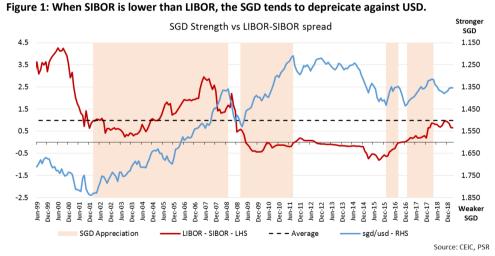
## **Rising Funding Pressure to Soften NIM**

### SINGAPORE | BANKING | UPDATE

- Trailing down of SIBOR in the next quarter to be offset by rising mortgage rate and lesser competition of funds.
- Loans demand underpinned by property funds in areas such as commercial properties and data centres
- Fee income to benefit from wholesale loan product and services fees (i.e. restructuring).
- Capital market turnaround to aid fee income and wealth management business.
- Maintain BUY with a lower target price of \$\$32.00 (previous TP \$\$32.50) based on Gordon Growth Model. The decrease in target price was due to our lower NIM assumption of 1.82% (previously 1.84%).

#### **Relationship between SGD strength and LIBOR-SIBOR spread**

During periods of strength in SGD, the 3-month LIBOR-SIBOR spread tends to widen (Figure 1). We expect SIBOR to remain elevated. Firstly, the March 2019 LIBOR-SIBOR spread is only at +0.66% as compared to the historical average of +1.00%. Secondly, unless the SGD depreciates significantly, it is unlikely for this positive spread to narrow further. As per Figure 1, the LIBOR-SIBOR spread tends to widen during periods of SGD appreciation and vice versa. Unless there is a significant depreciation of the SGD, we do not expect the LIBOR-SIBOR spread to narrow much more.



### Interest Rates - Lagged effect of interest rate pass-through

We believe there is still room for SIBOR and SOR to rise in the next three months due to the lagged effect of interest rate pass-through from the US Federal Reserve rate hikes. However, with the recent pause in a rate hike and dovish stance from the Fed, now is the best and probably last time for Singapore banks to hike their board rates and reprice their loans before interest rates start to tail down.

#### NIM supported by an increase in board rates

After the implementation of further property cooling measures in July 2018, mortgage volume fell, and UOB was wary of increasing interest rates too soon. Coupled with their drive to raise fixed deposit funds, UOB was facing pressure on Net Interest Margin (NIM) improvements, resulting in relatively flat NIM in FY18.



StocksBnB.com

### 18 April 2019

### **BUY (Maintained)**

LAST TRADED PRICE	SGD 25.58
FORECAST DIV	SGD 1.26
TARGET PRICE	SGD 32.02
TOTAL RETURN	30.14%

#### COMPANY DATA

BLOOM BERG TICKER	UOB SP
O/S SHARES (MN) :	1,666
MARKET CAP (USD mn/SGD mn) :	32965 / 44625
52 - WK HI/LO (SGD) :	30.37 / 23.8
3M Average Daily T/O (mn) :	2.23

#### **MAJOR SHAREHOLDERS (%)**

Wee Investments	8.01%
Wah Hin & Co Pte Ltd	5.16%
BlackRock Fund Advisors	2.25%
Vanguard Group Inc	2.19%

#### **PRICE PERFORMANCE (%)**

	1M T H	3 M T H	1Y R
COMPANY	6.5	1.6	(1.5)
STIRETURN	4.64	4.58	(0.68)

#### PRICE VS. STI



Source: Bloomberg, PSR

### **KEY FINANCIALS**

Y/E Dec	F Y 17	F Y 18	FY 19 e	FY20e
Total Inc (SGD mn)	8,563	9,115	9,806	10,458
Op Profit (SGD mn)	4,097	4,718	5,251	5,525
NPAT(SGDmn)	3,407	4,020	4,422	4,654
EPS (SGD)	1.94	2.35	2.54	2.61
PER, (X)	13.2	10.9	10.1	9.8
P/BV, (X)	1.3	1.2	1.1	1.1
DPS (SGD)	1.00	1.20	1.26	1.30
ROE, (%)	10.1%	11.2%	11.7%	11.5%

Source: Bloomberg, Company, PSR

#### Valuation Method:

Gordon Growth Model (COE: 9%, g: 3%)

Tin Min Ying	(+65 6212 1853)

tinmy@phillip.com.sg



NIM growth for 1Q19 and 2Q19 will arise mainly from UOB's retail mortgage book repricing while SIBOR and SOR remain elevated. Around half of the mortgage book could be repriced from the hike in board rates with the full effect on NIM to be seen in 2Q19. Although wholesale loans are tricker to reprice due to the more substantial bargaining power of institutions, UOB will be able to grow fee income from product and service expansion (i.e. loan restructuring fee).

#### CASA Deposits – Contracting CASA Ratio in the Sector

UOB's 4Q18 CASA deposits growth slowed to 5.2% YoY, the slowest in 3.5 years; while fixed deposits grew 7.8% YoY, faster than FY18's average of 3.7% YoY. With a higher proportion of fixed deposits in the deposits mix, the cost of funds rises, making it challenging to achieve NIM expansion. However, we expect competition for fixed deposits to taper off in the next 3-6 months and funding pressure to ease since there are no more rate hikes expected in 2019.

List of Abbreviations WM – Wealth Management IBG – Institutional Banking Group CBG – Consumer Banking Group NII – Net Interest Income Non-II - Non-Interest Income NIM – Net Interest Margin ECL – Expected credit loss CIR – Cost-income ratio LDR – Loan to Deposit Ratio NPL – Non-performing Loans CASA - Current Account, Savings Account IB – Investment Banking O&G – Oil and Gas SP - specific provisions GP – general provisions

AUM – Asset Under Management

CIR - Cost-to-income ratio

#### Figure 2: The historical trend of CASA ratio growth decelerating whenever the 3M SIBOR rises

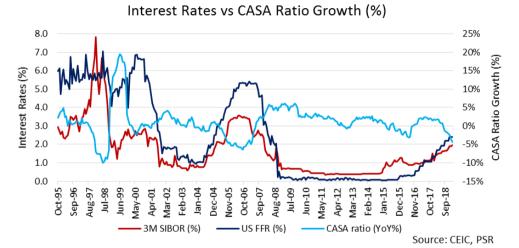


Figure 3: The historical trend of M1 YoY growth decelerating whenever there is a financial crisis



SG: Money Supply YoY%

As interest rates rise, the amount of demand deposits decreases as investors redirect their funds into higher yielding investments such as fixed deposits. As a result, we saw the growth of money supply M1 slowing to 0.4% YoY in Feb'19 while M2 and M3 rose 4.2% and 4.1% YoY respectively.

PhillipCapital



Mortgage loan growth will still be available for UOB due to the progressive drawdown of the mortgage. We forecast a 4.5% mortgage growth for UOB in FY19e, in line with the low-single-digit guidance. Overall loans growth continues to be held up by demand from non-bank Financial Institutions and Property funds. Property funds have healthy demand for loans in their commercial properties and even data centres development or acquisition activities. UOB's market share of SGD loans and deposits in Singapore remains sizeable at 23% and 21%.

#### Asset Quality – Low residual risks from the O&G sector

Ample provisioning has been done for the Oil and Gas (O&G) sector loans. UOB provided for as much as 70-80% of its O&G exposure with collaterals marked down by 90% of its asset value. There is currently no systemic issue across the O&G sector. New NPA formation has been trending towards normalised levels of around S\$500m each quarter. UOB practices conservative provisioning for wholesale loans, whereby certain loan defaults that have yet to past the 90 days limit (set by the Monetary Authority of Singapore) were classified as Non-Performing Loans (NPLs). All three banks have similar NPL ratio of 1.5% as of FY18. Our FY19e NPL ratio for UOB is 1.55%, in line with guidance.

#### **Dividends – Robust Capital Ratios**

UOB's dividend policy is for full-year dividend payout to be at 50% (including special dividends, if any), subject to a minimum CET1 ratio of 13.5%. As of December 2018, all three banks have similar CET1 ratio of 14%. We expect the robust capital ratios to sustain current payout levels and we forecast UOB's FY19e dividend yield at 5%.

#### **Prudential Deal**

UOB renewed its bancassurance deal with Prudential on 10 January 2019 for 15 years for a sum of S\$1.15bn paid to UOB by Prudential. The S\$1.15bn income will be amortised over this period. UOB will be distributing Prudential's suite of products as part of the wealth management services but not limited to Prudential if the requested product by the customer is unavailable.

#### **Digital Bank in Thailand**

The newly launched UOB digital bank in Thailand targets the middle-affluent, mobile-savvy millennials who want to be engaged in a new type of banking platform. UOB's Digital Bank aims is to gather deposits at the moment. The ability to transfer funds that are offline into an online platform was made accessible with the launch of PromptPay in 2017. PromptPay is an interbank mobile payments system backed by the Thai government to enable money transfers at a cheaper rate than those offered by traditional Thai banks. UOB's Digital Bank partners with the local telecommunication companies to assess the creditworthiness using the phone bill payment history of its customers.

#### Table 1: UOB guidance vs. PSR estimates for FY19e Assumptions UOB **PSR** NIM (%) Around 1.82% 1.82% Loan growth (%) Mid-single-digit 5.0% Cost-income ratio (%) around 44% 42% Credit Cost (bps) 20 - 25 bps 16 ROE (%) 12% 11.7% marginally above 1.5% 0.02% NPL ratio (%)

Source: Company, PSR



#### **Investment Actions**

Maintain BUY with a lower target price of \$\$32.00 (previous TP \$\$32.50) based on the Gordon Growth Model. Due to the increasing funding pressure from steep growth in fixed deposits and flat loan growth in the banking industry, we pen in a more conservative FY19e NIM forecast of 1.82% (previously 1.84%), resulting in a lower target price. Even after achieving record high ROE in FY18, UOB guided a higher ROE of 12% in FY19e, showing that the effective cost measures, NIM improvement and low provisions should provide further upsides to earnings in 2019. We forecast earnings growth of 7.6% and a dividend yield of 4.7% in FY19e.

#### Valuation: Gordon Growth Model

ltem	Description	Value
R <sub>f</sub>	Risk-free rate	2.6%
E	Equity-risk premium	5.5%
В	Beta	1.1
COE	Cost of Equity	9.0%
ROE	FY19e Return on Equity	11.7%
g	Terminal growth rate	3%
(ROE-g) (COE-g)	FY19e Target Price to Book	1.4
	FY19e BVPS, S\$	22
	FY19e Valuation, S\$	32.0

### UNITED OVERSEAS BANK UPDATE

## **Financials**

#### Income Statement

Y/E Dec, SGD mn	FY16	FY17	FY18	FY19e	FY20e
Net Int Income	4,991	5,528	6,220	6,623	6,959
Fees and Commission	1,931	1,873	1,966	2,212	2,539
Other Non-int income	1,138	1,162	929	971	960
Total operating income	8,060	8,563	9,115	9,806	10,458
Operating expenses	3,697	3,739	4,004	4,130	4,429
Provisions	594	727	393	425	504
Operating profit	3,769	4,097	4,718	5,251	5,525
Associates & JVs	5	110	107	126	132
Profit Before Tax	3,774	4,207	4,825	5,377	5,657
Taxation	669	800	805	955	1,002
Profit After Tax	3,105	3,407	4,020	4,422	4,654
Non-controlling Interest	12	16	13	17	22
Net Income, reported	3,093	3,390	4,007	4,405	4,632
Net Income, adj.	3,093	3,391	4,007	4,405	4,632

Per share data					
Y/E Dec, SGD mn	FY16	FY17	FY18	FY19e	FY20e
EPS, reported	1.82	1.94	2.35	2.54	2.61
EPS, adj.	1.82	1.94	2.35	2.54	2.61
DPS	0.75	1.00	1.20	1.26	1.30
BVPS (less pref shares)	18.82	20.37	21.31	22.48	23.49
Dividend Pay-out Ratio	41%	52%	51%	50%	50%

#### Supplementary items

Y/E Dec, SGD mn	FY16	FY17	FY18	FY19e	FY20e
CET1 CAR	13.0%	14.7%	13.9%	14.5%	14.9%
Tier 1 CAR	13.1%	16.2%	14.9%	14.5%	14.9%
Total CAR	16.2%	18.7%	17.0%	16.5%	16.9%

Balance Sheet					
Y/E Dec, SGD mn	FY16	FY17	FY18	FY19e	FY20e
Cash bal w central banks	24,322	26,625	25,252	32,143	36,630
Due from banks	40,033	52,181	50,800	49,589	52,746
Investment securities	11,640	11,273	13,553	11,981	12,007
Loans to non-bank cust	221,734	232,212	258,627	271,199	283,553
Others	42,299	36,301	39,861	43,306	42,268
Total Assets	340,028	358,592	388,093	408,218	427,204
Due to banks	11,855	11,440	13,801	13,939	14,061
Due to non-bank cust	255,314	272,765	293,186	309,989	325,526
Debts issued	26,143	25,178	30,606	30,832	31,102
Others	13,674	12,171	12,688	13,069	13,461
Total liabilities	306,986	321,554	350,281	367,829	384,150
Shareholder's equity	32,876	36,852	37,626	40,182	42,826
Non-controlling interest	169	187	190	207	229
Total Equity	33,045	37,039	37,816	40,389	43,055

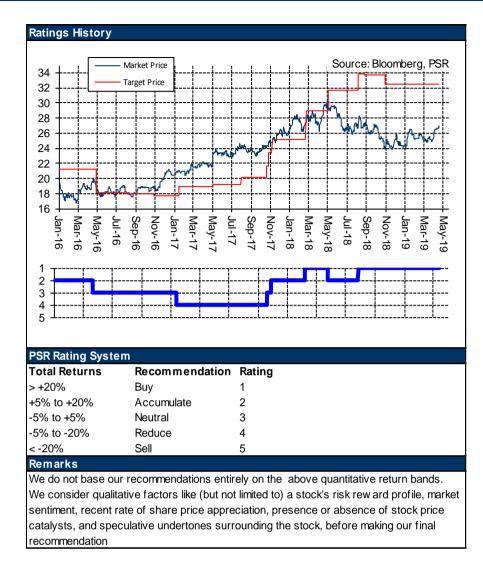
P PhillipCapital

Valuation Ratios					
Y/E Dec, SGD mn	FY16	FY17	FY18	FY19e	FY20e
P/E (X), adj.	11.2	13.8	11.4	10.6	10.3
P/B (X)	1.1	1.3	1.3	1.2	1.1
Dividend Yield	2.8%	3.7%	4.5%	4.7%	4.9%
Growth & Margins					
Growth					
Netinterestincome	1.3%	10.8%	12.5%	6.5%	5.1%
Non interest income	-1.7%	-1.1%	-4.6%	9.9%	9.9%
Pre provision op profit	0.1%	6.2%	6.4%	7.6%	6.6%
Operating income	-0.3%	8.7%	15.2%	11.3%	5.2%
Net income, reported	-3.6%	9.6%	18.2%	9.9%	5.2%
Margins					
Net interest margin	1.71%	1.77%	1.82%	1.82%	1.85%
Key Ratios					
ROE	10.1%	10.1%	11.2%	11.7%	11.5%
ROA	0.9%	1.0%	1.0%	1.1%	1.1%
RORWA	1.4%	1.7%	1.8%	1.8%	1.8%
Non-int/total income ratio	38.1%	35.4%	31.8%	32.5%	33.5%
Cost/income ratio	45.9%	43.7%	43.9%	42.1%	42.4%
Loan/deposit ratio	86.8%	85.1%	88.2%	87.5%	87.1%
NPL ratio	1.5%	1.8%	1.5%	1.6%	1.5%

Source: Company, PSR

### UNITED OVERSEAS BANK UPDATE





#### UNITED OVERSEAS BANK UPDATE



#### Head of Research

Paul Chew – paulchewkl@phillip.com.sg

Banking and Finance Tin Min Ying – tinmy@phillip.com.sg

**REITs** Natalie Ong - <u>natalieongpf@phillip.com.sg</u>

REITs (Commercial, Retail, Healthcare) | Property Tara Wong - <u>tarawongsj@phillip.com.sg</u>

> SINGAPORE Phillip Securities Pte Ltd Raffles City Tower 250, North Bridge Road #06-00 Singapore 179101 Tel +65 6533 6001 Fax +65 6535 6631 Website: www.poems.com.sg

JAPAN

Phillip Securities Japan, Ltd. 4-2 Nihonbashi Kabuto-cho Chuo-ku, Tokyo 103-0026 Tel +81-3 3666 2101 Fax +81-3 3666 6090 Website: www.phillip.co.jp

THAILAND

Phillip Securities (Thailand) Public Co. Ltd 15th Floor, Vorawat Building, 849 Silom Road, Silom, Bangrak, Bangkok 10500 Thailand Tel +66-2 6351700 / 22680999 Fax +66-2 22680921 Website www.phillip.co.th

UNITED STATES

Phillip Capital Inc 141 W Jackson Blvd Ste 3050 The Chicago Board of Trade Building Chicago, IL 60604 USA Tel +1-312 356 9000 Fax +1-312 356 9005 Website: www.phillipusa.com

#### INDIA

PhillipCapital (India) Private Limited No.1, 18th Floor, Urmi Estate 95, Ganpatrao Kadam Marg Lower Parel West, Mumbai 400-013 Maharashtra, India Tel: +91-22-2300 2999 / Fax: +91-22-2300 2969 Website: www.phillipcapital.in

#### CAMBODIA Phillip Bank Plc

Ground Floor of B-Office Centre,#61-64, Norodom Blvd Corner Street 306,Sangkat Boeung Keng Kang 1, Khan Chamkamorn, Phnom Penh, Cambodia Tel: 855 (0) 7796 6151/855 (0) 1620 0769 Website: www.phillipbank.com.kh Contact Information (Singapore Research Team)

**Oil & Gas | Energy** Chen Guangzhi - chengz@phillip.com.sg

China/HK Equity Zheng Jieyuan – <u>zhengjy@phillip.com.sg</u>

#### Contact Information (Regional Member Companies) MALAYSIA Phillip Capital Management Sdn Bhd

B-3-6 Block B Level 3 Megan Avenue II, No. 12, Jalan Yap Kwan Seng, 50450 Kuala Lumpur Tel +603 2162 8841 Fax +603 2166 5099 Website: <u>www.poems.com.my</u>

> INDONESIA PT Phillip Securities Indonesia ANZ Tower Level 23B, JI Jend Sudirman Kav 33A Jakarta 10220 – Indonesia Tel +62-21 5790 0800 Fax +62-21 5790 0809 Website: www.phillip.co.id

FRANCE King & Shaxson Capital Limited 3rd Floor, 35 Rue de la Bienfaisance 75008 Paris France Tel +33-1 45633100 Fax +33-1 45636017 Website: www.kingandshaxson.com

AUSTRALIA Phillip Capital Limited Level 10, 330 Collins Street Melbourne, Victoria 3000, Australia Tel +61-03 8633 9803 Fax +61-03 8633 9899 Website: www.phillipcapital.com.au

#### TURKEY

PhillipCapital Menkul Degerler Dr. Cemil Bengü Cad. Hak Is Merkezi No. 2 Kat. 6A Caglayan 34403 Istanbul, Turkey Tel: 0212 296 84 84 Fax: 0212 233 69 29 Website: www.phillipcapital.com.tr Marketing & Operations Siti Nursyazwina - <u>syazwina@phillip.com.sg</u>

Telco | Technology Alvin Chia - alvinchiawy@phillip.com.sg

US Equity Edmund Xue – edmundxuejj@phillip.com.sg

#### HONG KONG

Phillip Securities (HK) Ltd 11/F United Centre 95 Queensway Hong Kong Tel +852 2277 6600 Fax +852 2868 5307 Websites: www.phillip.com.hk

#### CHINA

Phillip Financial Advisory (Shanghai) Co Ltd No 550 Yan An East Road, Ocean Tower Unit 2318, Postal code 200001 Tel +86-21 5169 9200 Fax +86-21 6351 2940 Website: www.phillip.com.cn

UNITED KINGDOM King & Shaxson Capital Limited 6th Floor, Candlewick House, 120 Cannon Street, London, EC4N 6AS Tel +44-20 7426 5950 Fax +44-20 7626 1757 Website: www.kingandshaxson.com

SRI LANKA Asha Phillip Securities Limited No. 60, 5th Lane, Colombo 3, Sri Lanka Tel: (94) 11 2429 100 Fax: (94) 11 2429 199 Website: www.ashaphillip.net

#### DUBAI

Phillip Futures DMCC

Member of the Dubai Gold and Commodities Exchange (DGCX) Unit No 601, Plot No 58, White Crown Bldg, Sheikh Zayed Road, P.O.Box 212291 Dubai-UAE Tel: +971-4-3325052 / Fax: + 971-4-3328895



#### Important Information

This report is prepared and/or distributed by Phillip Securities Research Pte Ltd ("Phillip Securities Research"), which is a holder of a financial adviser's license under the Financial Advisers Act, Chapter 110 in Singapore.

By receiving or reading this report, you agree to be bound by the terms and limitations set out below. Any failure to comply with these terms and limitations may constitute a violation of law. This report has been provided to you for personal use only and shall not be reproduced, distributed or published by you in whole or in part, for any purpose. If you have received this report by mistake, please delete or destroy it, and notify the sender immediately.

The information and any analysis, forecasts, projections, expectations and opinions (collectively, the "Research") contained in this report has been obtained from public sources which Phillip Securities Research believes to be reliable. However, Phillip Securities Research does not make any representation or warranty, express or implied that such information or Research is accurate, complete or appropriate or should be relied upon as such. Any such information or Research contained in this report is subject to change, and Phillip Securities Research shall not have any responsibility to maintain or update the information or Research made available or to supply any corrections, updates or releases in connection therewith.

Any opinions, forecasts, assumptions, estimates, valuations and prices contained in this report are as of the date indicated and are subject to change at any time without prior notice. Past performance of any product referred to in this report is not indicative of future results.

This report does not constitute, and should not be used as a substitute for, tax, legal or investment advice. This report should not be relied upon exclusively or as authoritative, without further being subject to the recipient's own independent verification and exercise of judgment. The fact that this report has been made available constitutes neither a recommendation to enter into a particular transaction, nor a representation that any product described in this report is suitable or appropriate for the recipient. Recipients should be aware that many of the products, which may be described in this report involve significant risks and may not be suitable for all investors, and that any decision to enter into transactions involving such products should not be made, unless all such risks are understood and an independent determination has been made that such transactions would be appropriate. Any discussion of the risks contained herein with respect to any product should not be considered to be a disclosure of all risks or a complete discussion of such risks.

Nothing in this report shall be construed to be an offer or solicitation for the purchase or sale of any product. Any decision to purchase any product mentioned in this report should take into account existing public information, including any registered prospectus in respect of such product.

Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may provide an array of financial services to a large number of corporations in Singapore and worldwide, including but not limited to commercial / investment banking activities (including sponsorship, financial advisory or underwriting activities), brokerage or securities trading activities. Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may have participated in or invested in transactions with the issuer(s) of the securities mentioned in this report, and may have performed services for or solicited business from such issuers. Additionally, Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may have provided advice or investment services to such companies and investments or related investments, as may be mentioned in this report.

Phillip Securities Research or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report may, from time to time maintain a long or short position in securities referred to herein, or in related futures or options, purchase or sell, make a market in, or engage in any other transaction involving such securities, and earn brokerage or other compensation in respect of the foregoing. Investments will be denominated in various currencies including US dollars and Euro and thus will be subject to any fluctuation in exchange rates between US dollars and Euro or foreign currencies and the currency of your own jurisdiction. Such fluctuations may have an adverse effect on the value, price or income return of the investment.

To the extent permitted by law, Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may at any time engage in any of the above activities as set out above or otherwise hold an interest, whether material or not, in respect of companies and investments or related investments, which may be mentioned in this report. Accordingly, information may be available to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, which is not reflected in this report, and Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, which is not reflected in this report, and Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may, to the extent permitted by law, have acted upon or used the information prior to or immediately following its publication. Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited its officers, directors, employees or persons involved in the issuance of this report, may have issued other material that is inconsistent with, or reach different conclusions from, the contents of this report.

The information, tools and material presented herein are not directed, intended for distribution to or use by, any person or entity in any jurisdiction or country where such distribution, publication, availability or use would be contrary to the applicable law or regulation or which would subject Phillip Securities Research to any registration or licensing or other requirement, or penalty for contravention of such requirements within such jurisdiction.

This report is intended for general circulation only and does not take into account the specific investment objectives, financial situation or particular needs of any particular person. The products mentioned in this report may not be suitable for all investors and a person receiving or reading this report should seek advice from a professional and financial adviser regarding the legal, business, financial, tax and other aspects including the suitability of such products, taking into account the specific investment objectives, financial situation or particular needs of that person, before making a commitment to invest in any of such products.

This report is not intended for distribution, publication to or use by any person in any jurisdiction outside of Singapore or any other jurisdiction as Phillip Securities Research may determine in its absolute discretion.

#### IMPORTANT DISCLOSURES FOR INCLUDED RESEARCH ANALYSES OR REPORTS OF FOREIGN RESEARCH HOUSES

Where the report contains research analyses or reports from a foreign research house, please note:

- (i) recipients of the analyses or reports are to contact Phillip Securities Research (and not the relevant foreign research house) in Singapore at 250 North Bridge Road, #06-00 Raffles City Tower, Singapore 179101, telephone number +65 6533 6001, in respect of any matters arising from, or in connection with, the analyses or reports; and
- (ii) to the extent that the analyses or reports are delivered to and intended to be received by any person in Singapore who is not an accredited investor, expert investor or institutional investor, Phillip Securities Research accepts legal responsibility for the contents of the analyses or reports.