

Singapore Industry Focus

Office SREIT

Refer to important disclosures at the end of this report

DBS Group Research . Equity

16 Jun 2021

Return-to-office gains momentum

- Office SREITs leveraged into the re-opening theme not fully appreciated by investors
- Singapore office to regain growth momentum in 2H21 after expected relaxation of work-in-office occupancies
- US Office S-REITs well positioned to ride the longer-term growth of tech within the US
- Top picks are [KREIT](#), [MCT](#) and [PRIME](#)

Office SREITs' leverage on "re-opening theme" not fully appreciated by the market. Despite keeping DPU relatively stable through FY20, the share prices of SG Office SREITs and US Office SREITs have lagged the recovery compared to other sectors. SG Office SREITs and US Office SREITs are still trading at 13% to 17% below pre-COVID levels, a steeper discount vs SREITs' 7% discount. Keppel REIT (KREIT), a pure office SREITs, is still trading below pre-COVID levels despite delivering DPU growth throughout the pandemic. We believe Office SREITs will play catch up soon.

Singapore office en route towards 'new normal' despite recent setbacks. Singapore office recovery was gaining momentum since January, but this was halted by the implementation of phase 2 (heightened alert). We see this disruption as temporary and do not expect office tenants to undertake major shifts in their office requirements as they plan 2 to 5 years ahead. Overall office metrics in 1Q21 has been stable (URA reported 3% q-o-q increase in 1Q21 rents) and vacancy in core CBD remained low at 3.3% according to CBRE. We believe the recovery will resume come 2H21 as (i) cap on workers returning to office is relaxed, and (ii) companies restart their leasing discussions.

US corporations starting to return-to-office from mid-year onwards. Since April, media reports indicate that more corporates and banking institutions are planning to return-to-office from mid-year onwards, which is positive for overall sentiment of US office plays in 2H21. While occupancies had dipped to c.90% in 1H21, we believe we are nearer the bottom as companies start planning for their longer-term real estate needs. The US Office SREITs' focus on the Sun-belt /18-hr cities provides for a longer-term growth runway for their respective portfolios, driving an upward DPU trajectory.

Top picks are KREIT, MCT for Office SREITs and PRIME for US Office SREITs. We maintain our positive stance on Office SREITs. Our top picks are KREIT, Mapletree Commercial Trust (MCT) for SG Office SREITs and Prime US REit (PRIME) for US Office SREITs for their quality portfolios.

STI : 3,153.14

Analyst

Rachel TAN +65 6682 3713
racheltanlr@dbs.com

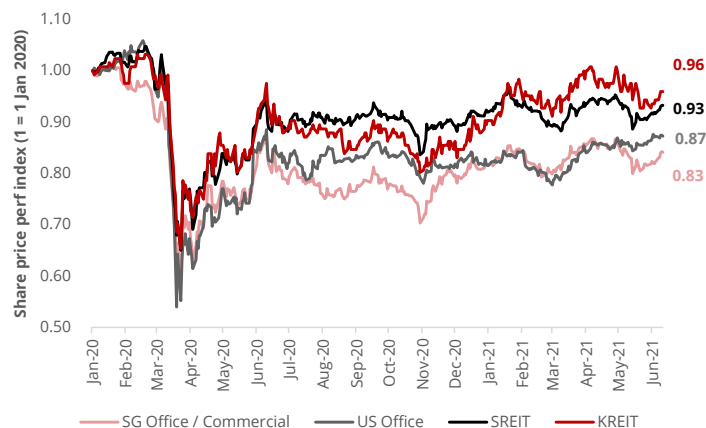
Derek TAN +65 6682 3716
derektan@dbs.com

STOCKS

	Price S\$	Mkt Cap US\$m	12-mth		Rating
			Target Price S\$	Performance (%) 3 mth 12 mth	
Keppel REIT	1.20	3,248	1.40	(0.9) 1.7	BUY
Mapletree Commercial Trust	2.17	5,247	2.25	1.5 2.5	BUY
Suntec REIT	1.50	3,159	1.85	(5.8) 0.0	BUY
OUE Commercial REIT	0.41	1,664	0.50	6.6 1.3	BUY
Manulife US Real Estate Inv	0.76	1,186	0.90	5.7 (1.3)	BUY
Prime US REIT	0.86	913	1.00	8.2 9.6	BUY
Keppel Pacific Oak US REIT	0.76	696	0.85	6.5 3.5	BUY

Source: DBS Bank, Bloomberg Finance L.P.
Closing price as of 15 Jun 2021

Share performance of Office / Commercial SREITs and US Office SREITs during the pandemic



Source: DBS Bank



DBS
Live more, Bank less

Navigating the new normal of work

Re-opening play. Since the COVID-19 vaccines were discovered and more evidence of the efficacy of these vaccines, countries that have pushed and accelerated their vaccination rollouts are now preparing to reopen. Singapore and the US are among the countries globally that have achieved more advanced vaccination rates.

As the situation continues to improve, corporates are progressively planning the return of their employees back to the office. However, as the hybrid working model (flexible work arrangement) could be the trend in the near future, corporates will need to strike a balance to maintain an optimal office space as less employees utilize the office at any point in time, versus ongoing expansion in the coming future.

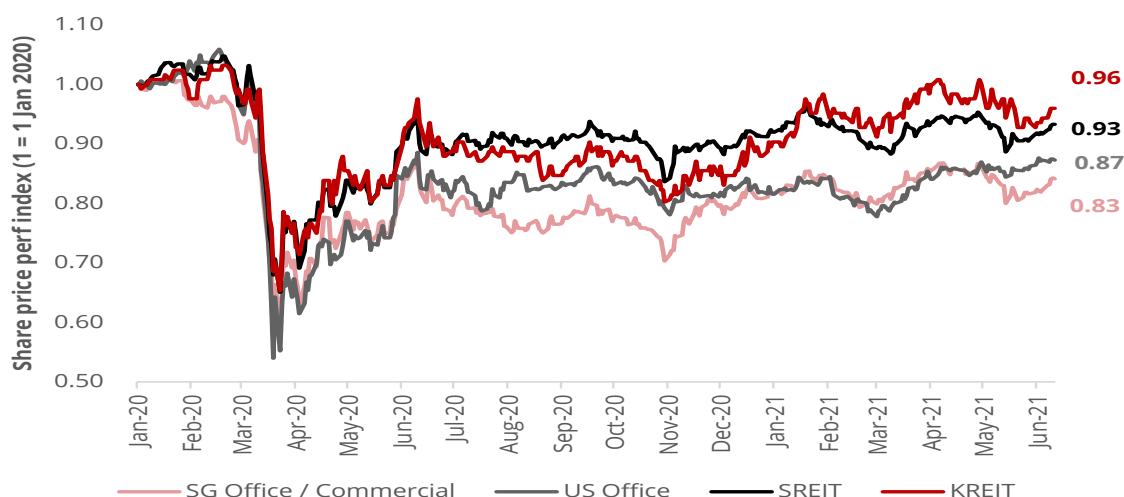
Share price recovery of SG Office SREITs and US Office SREITs have lagged the other sectors despite relatively stable DPUs.

Despite maintaining relatively stable earnings, the share price performance of SG Office SREITs and the US Office SREITs have lagged the recovery seen in the other sectors. SG office / commercial SREITs and US Office SREITs are still trading 13% to 17% below pre-COVID levels, which is a steeper

discount vs SREITs at 7% below pre-COVID levels. Even Keppel REIT (KREIT), a pure office SREIT, is still trading below pre-COVID levels despite delivering DPU growth throughout the pandemic (please refer to the chart below).

When compared to the pre-COVID share prices (Jan 2020), SREIT share prices are on average c.10% below pre-COVID levels. When we review the share price performance by sectors, industrial SREITs have performed in line with earnings/DPU recovery, with both (earnings & share price) rebounding close to / slightly ahead of pre-COVID levels. The office sector appears to be the biggest laggard. Despite recently reporting DPU growing to 5.9% above the pre-COVID level, the share prices of Office SREITs (KREIT) are still 6.3% below pre-COVID levels. Similarly, the office / commercial sector recorded DPU that is 2.4% below the pre-COVID levels but share prices are showing a deeper discount of -16.4% vs. pre-COVID levels. US office SREIT share prices are showing a deeper discount of -14.4% vs. the pre-COVID levels compared to its latest reported DPU of a 4.4% decline vs. pre-COVID level (please refer to the table below).

Share performance of SG Office / Commercial SREITs and US Office SREITs during the pandemic



Source: Company, DBS Bank, Bloomberg Finance L.P.

DPU vs share price decline and recovery during the COVID-19 pandemic

Sectors	Est. DPU decline due to lockdown Lowest quarter in FY20 vs 2019	Est. DPU recovery post Circuit Breaker (Dec20 / Mar21) vs 2019	Trough vs pre-COVID (Jan20 to Oct20)	Before Phase 2 (HA) to trough (Apr21 to May21)	Now vs pre-COVID (Jan20 to Jun21)	Before Phase 2 (HA) vs pre-COVID (Jan20 to Apr21)
Office / Commercial Office (KREIT)	-22.9%	-12.4%	-28.4%	-7.8%	-16.4%	-13.8%
US Office	0.7%	5.9%	-19.7%	-6.4%	-6.3%	-1.6%
Retail	-3.6%	-4.4%	-21.8%	-2.2%	-14.4%	-15.3%
Industrial	-67.0%	-16.4%	-28.6%	-7.4%	-14.1%	-13.0%
Industrial (ex-KDC)	-5.4%	3.9%	-6.8%	-4.6%	1.4%	0.7%
Hospitality	-10.7%	-0.1%	-10.4%	-4.5%	0.2%	-1.1%
SREIT	-71.6%	-47.7%	-36.4%	-9.0%	-21.6%	-18.8%
	-28.3%	-11.8%	-21.8%	-6.8%	-9.8%	-8.1%

Source: Company, DBS Bank, Bloomberg Finance L.P.

Marginal decline in office occupancy (both Singapore and the US) throughout the pandemic. Throughout the pandemic, contrary to fears in the market, office occupancy rates have held relatively stable. Overall, office metrics were relatively healthy and we expect downside risks to fade as both Singapore and the US prepare for reopening into a 'new normal'.

The SG Office SREITs saw only a marginal 2.2 ppt decline in overall average occupancy in their respective office portfolios. Despite the decline, average occupancy remained healthy at c.95%. Average rental reversions were positive even though the quantum had declined by more than two-thirds, which would support earnings. The positive office rental reversions have outperformed overall market rents which had declined c.10% throughout the pandemic.

The US Office SREITs saw a slightly bigger impact on occupancy. Average occupancy declined by 3.3ppts, hitting closer to the 90% level. Rental reversions remained positive despite seeing a dip in reversionary quantum.

For both SG Office SREITs and US Office SREITs, gearing inched up marginally but average gearing remained below 40%. A handful of SREITs such as Suntec, OUE Commercial Trust (OUCT) and Manulife US REIT (MUST) saw gearing (as at 1Q21) rise above 40%.

Singapore office sector en-route towards 'new normal' despite recent setbacks. Singapore office sector was en-route towards a recovery when office rents stabilised in 1Q21 (URA reported 3% increase q-o-q in 1Q21) and vacancy in core CBD remained low at 3.3% (based on CBRE). Despite the recent setback from implementation of phase 2 (heightened alert), we do not expect office tenants to undertake major shifts in their office requirements as they plan 2 to 5 years ahead. For Singapore corporations / institutions, the first stage of return-to-office took place when the country moved into phase 3 of reopening at the end of 2020. In our previous report (Darkest before dawn, published on 30 April 2021), we note that most banks that are expecting to downsize have already announced their plans and the average downsizing was about 20%, below market expectations of 30%. As such, we remain optimistic that we may see a change in sentiment in 2H21.

As the vaccination program is pushed forward, we expect Singapore will be able to overcome the recent new wave of transmissions and move to a 'new normal'. Currently, we understand that c.30% of the population has been fully vaccinated, and the target is at least 75% by Oct 2021. Vaccination is now open to the last age group, which is below age 40.

US corporations starting to return-to-office from mid-year onwards. In the US, vaccinations have substantially reduced the number of daily new cases. Currently, c.43% of the population has been fully vaccinated and more than half has received 1 dose. More than half of its adult population has already been fully vaccinated. As such, the number of daily new cases has fallen to less than 14k cases vs a peak of more than 400k cases.

Since April, we have been hearing news on corporates and banking institutions planning to return-to office from mid-year onwards. The situation remains fluid until corporations and banking institutions firm up their policy on their working models. While the work-from-home / flexible work arrangements may have a greater impact in the US given the

larger geographical spread and longer commute to work (as seen in the recent announcement made by Facebook to allow permanent work-from-home globally), we believe sentiment could take a turn in 2H21 as the country progressively returns to normalcy.

Top picks KREIT, MCT for SG Office SREITs and PRIME for US Office SREITs. We maintain our positive stance on the office sector. We believe corporates and institutions will start to review their expansion plans as the economy recovers and hiring begins again. Our top picks for SG Office SREITs are KREIT and MCT, and PRIME for US Office SREITs as their best-in-class portfolios will likely emerge strong post pandemic.

Office metrics throughout pandemic

	Occupancy (office only)	Pre-COVID Est rent reversions	Gearing	Occupancy (office only)	Latest Est rent reversions	Gearing
SG Office						
KREIT	98.7%	14.4%	35.7%	96.5%	10.9%	35.2%
MCT	97.8%	8.7%	33.1%	93.1%	0.4%	33.9%
Suntec	99.2%	n/a	38.6%	96.7%	-0.9%	44.4%
OUECT	90.4%	15.3%	39.4%	91.7%	4.0%	40.4%
Average	96.5%	12.8%	36.7%	94.5%	3.6%	38.5%
US Office						
MUST	97.4%	12.1%	37.6%	92.0%	2.1%	41.3%
PRIME	95.8%	10.5%	33.7%	91.7%	8.5%	33.8%
KORE	92.1%	10.0%	38.1%	91.6%	5.7%	37.5%
Average	95.1%	10.9%	36.5%	91.8%	5.4%	37.5%

* Simple average for all metrics; estimated rental reversions will be a simple average on the range of rental reversions

Source: Company, DBS Bank

Salient points from the DBS-SGX-REITAS Conference (US Office participants)

	Manulife US REIT	Prime US REIT	Keppel Pacific Oak US REIT
Navigating past COVID:	<ul style="list-style-type: none"> Physical occupancy rates have improved to c.20% (May/21) but the manager is looking at possibly hitting physical occupancy of up to 80% by 4Q21. A tenants' market currently and tenant improvements (Tis) undertaken to attract tenants. More renewals now rather than new leases being signed but expect demand to pick up in 2H21. 	<ul style="list-style-type: none"> Tenants are returning to offices in phases and expect most to return by 4Q21. Discussions around short term extensions have tapered off in the recent quarter. Focus is to work with tenants to understand their needs and footprint, with an office design that is "future ready" as companies start planning for the longer term. 	<ul style="list-style-type: none"> Tech firms are leading the leasing demand and while physical occupancy rates remain in the 20% region, expect a strong run-up in 2H21. Occupancy rates to bottom somewhat in 3Q21/4Q21 once companies finalise plans on their longer-term space needs (i.e. more flexible options etc). Reversions should remain stable and positive.
Acquisitions	<ul style="list-style-type: none"> Continues to target magnet cities with growing tech presence, healthcare supported by population growth and corporate in-migration with lower cost of living. Targeting to acquire properties with cap rates of 6.5%-7.5%. 	<ul style="list-style-type: none"> Guided by deepening exposure within the tech, healthcare sectors and cities that support in-migration. Cap rates are similar to pre-COVID levels and ample capital is chasing quality assets. Conservative gearing profile at 33% with significant headroom to leverage on. 	<ul style="list-style-type: none"> Looking for cities/ in-migration destinations with attractive lifestyle, amenity-rich locations, and cities offering ample employment. Seeing contraction in cap rates below pre-pandemic levels for quality assets. Keen to grow its presence in the "Super Sun Belt" and "18-hr cities".

Salient points from the DBS-SGX-REITAS Conference (SG Office participants)

Highlights	OUE Commercial Trust	Keppel REIT
Navigating past COVID:	<ul style="list-style-type: none"> Quality asset base and diversified tenant base anchors stable cashflows; positive rental reversions will likely continue in 2H21 with key anchors secured and expiries significantly "de-risked". Leasing sentiment and momentum has been doused in the near-term, but the manager is seeing some relocation demand as tenants undertake "flight to quality" to offices with better specifications; OUE Bayfront and Downtown are enjoying some of this demand. Some challenges for retail tenants located in the CBD and Orchard impacted by lack of workers and tourists respectively. Strategy is to sign on tenants on short term leases (existing and prospective) given the cloudy operational outlook. Manager to continue to provide financial aid to tenants to tide them over in the immediate term. 	<ul style="list-style-type: none"> Had started to see strong return of office employees prior to the recent "shut-down"; expect this trend to return in 2H21. Office rents may turnaround sometime in 2H21; although the momentum has somewhat slowed with phase 2 (heightened alert); hope that we get out of this phase in the medium term. While financial institutions occupy the bulk of its space, the manager is working to "back-fill" potential vacancy and lack of supply in the market is supporting them. Tenants are looking for options with flexible expansion and return options. Tough to grow the business with a largely remote working environment and expect companies will over time bring employees back to office.
Acquisitions:	<ul style="list-style-type: none"> Commercial properties in gateway cities which are business hubs supported by strong demand fundamentals. Looking at possibly expanding to Asia and Europe and deploy proceeds from the sale of its stake in OUE Bayfront. 	<ul style="list-style-type: none"> Looking to divest selected assets in Australia and remains keen to redeploy capital into Sydney and Melbourne. Gearing expected to be a low at c.39%; have S\$200m-S\$300m debt headroom. Unlikely to tap perpetuals; the manager may use a mix of debt and equity to fund any acquisitions if needed.

Source: Company, DBS Bank

DBS Bank 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: 16 Jun 2021 06:40:12 (SGT)

Dissemination Date: 16 Jun 2021 07:59:41 (SGT)

Sources for all charts and tables are DBS Bank unless otherwise specified.

GENERAL DISCLOSURE/DISCLAIMER

This report is prepared by DBS Bank Ltd. This report is solely intended for the clients of DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte 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 DBS Bank Ltd.

The research set out in this report is based on information obtained from sources believed to be reliable, but we (which collectively refers to DBS Bank Ltd, its respective connected and associated corporations, affiliates and their respective directors, officers, employees and agents (collectively, the "DBS Group") 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 associate¹ 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 interests² 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 have proprietary positions in Keppel REIT, Mapletree Commercial Trust, Suntec REIT, OUE Commercial REIT, Manulife US Real Estate Inv, Prime US REIT, Keppel Pacific Oak US REIT recommended in this report as of 31 May 2021.
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.
3. DBS Bank Ltd, DBS HK, DBSVS, their subsidiaries and/or other affiliates have a net long position exceeding 0.5% of the total issued share capital in Mapletree Commercial Trust, Suntec REIT, OUE Commercial REIT, Manulife US Real Estate Inv, Prime US REIT, Keppel Pacific Oak US REIT recommended in this report as of 31 May 2021.
4. DBS Bank Ltd, DBS HK, DBSVS, DBSVUSA or their subsidiaries and/or other affiliates beneficially own a total of 1% of any class of common equity securities of OUE Commercial REIT, Manulife US Real Estate Inv, Prime US REIT, Keppel Pacific Oak US REIT as of 31 May 2021.

¹ 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.

Compensation for investment banking services:


5. DBS Bank Ltd, DBS HK, DBSVS, their subsidiaries and/or other affiliates of DBSVUSA have managed or co-managed a public offering of securities for Keppel REIT in the past 12 months, as of 31 May 2021.
6. 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:

7. 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.

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	<p>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.</p> <p>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.</p> <p>Distribution of this report is intended only for "wholesale investors" within the meaning of the CA.</p>
Hong Kong	<p>This report has been prepared by a person(s) who is not licensed by the Hong Kong Securities and Futures Commission to carry on the regulated activity of advising on securities in Hong Kong 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.</p> <p>For any query regarding the materials herein, please contact Carol Wu (Reg No. AH8283) at dbsvhk@dbs.com</p>
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.

Malaysia	<p>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.</p> <div style="text-align: right;">  Wong Ming Tek, Executive Director, ADBSR </div>
Singapore	<p>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.</p>
Thailand	<p>This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.</p>
United Kingdom	<p>This report is produced by DBS Bank Ltd which is regulated by the Monetary Authority of Singapore.</p> <p>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.</p> <p>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.</p>
Dubai International Financial Centre	<p>This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at units 608 - 610, 6th 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.</p>
United Arab Emirates	<p>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.</p>

United States	This report was prepared by DBS Bank Ltd. 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

MALAYSIA

AllianceDBS Research Sdn Bhd

Contact: Wong Ming Tek
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
Co. Regn No. 198401015984
(128540-U)

SINGAPORE

DBS Bank Ltd

Contact: Janice Chua
12 Marina Boulevard,
Marina Bay Financial Centre Tower 3
Singapore 018982
Tel: 65 6878 8888
e-mail: grouperesearch@dbs.com
Company Regn. No. 196800306E

THAILAND

DBS Vickers Securities (Thailand) Co Ltd

Contact: Chanpen Sirithanarattanukul
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

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