

Daily Treasury Outlook

21 October 2024

Highlights

Global: Market players are watching for potential Israeli retaliation towards Iran, with gold prices hitting a fresh record high above USD2721.43/oz. The US markets are also keeping a close watch on the upcoming presidential elections, with Harris and Trump neck-to-neck. The S&P500 gained 0.4% on Friday while the 10-year UST bond yield was little changed at 4.08%. Malaysia announced an expansionary budget on Friday while Indonesia's new president Prabowo confirmed Sri Mulyani Indrawati will continue as the Finance Minister.

Market Watch: Asian markets may start the week on a firm tone this morning, while waiting China's 1- and 5-year LPR fixings (likely cut at least 20bps). Today's economic data calendar comprises of UK's October Rightmove house prices, Germany's PPI, and Taiwan's September export orders. Fed's Logan and Kashkari, as well as ECB's Simkus are also speaking today. For the week ahead, watch for the IMF-World Bank meetings (with refreshed global growth forecasts), 3Q24 GDP growth estimates from South Korea, Singapore and Malaysia's September CPI, and global manufacturing, services and composite PMIs. On the central bank front, BoC policy decision on Wednesday (likely 50bps cut to 3.75%), and Fed's Beige Book and RBA annual report are due on Thursday. Meanwhile, earnings reporting season continues with Tesla, Boeing, UPS, Southwest etc.

CN: On data, the Chinese economy decelerated to 4.6% YoY in real terms in the third quarter of 2024, down from 4.7% in the second quarter. For the first three quarters, the economy grew by 4.8% YoY. On a sequential basis, the economy rebounded to 0.9% QoQ, up from 0.5% in the second quarter, though this growth remained below the seasonal average.

China's GDP deflator contracted for the sixth consecutive quarter, though the contraction narrowed in the third quarter. As a result, nominal GDP growth stabilized, slightly rebounding from 3.97% YoY in the second quarter to 4.04% in the third quarter.

External demand strengthened, with net exports contributing 1.1 percentage points to cumulative GDP growth, up from 0.7 percentage points in 1H24. This indicates that in 2024, external demand has accounted for over 20% of China's economic growth.

GDP growth slowed in the third quarter, mainly due to weaker performance in July and August. However, September showed signs of stabilization and recovery, with marginal improvements in key economic indicators.

Key Market Movements					
Equity	Value	% chg			
S&P 500	5864.7	0.4%			
DJIA	43276	0.1%			
Nikkei 225	38982	0.2%			
SH Comp	3261.6	2.9%			
STI	3640.2	0.4%			
Hang Seng	20804	3.6%			
KLCI	1646.0	0.3%			
	Value	% chg			
DXY	103.493	-0.3%			
USDJPY	149.53	-0.5%			
EURUSD	1.0867	0.3%			
GBPUSD	1.3052	0.3%			
USDIDR	15465	-0.2%			
USDSGD	1.3101	-0.3%			
SGDMYR	3.2807	0.0%			
	Value	chg (bp)			
2Y UST	3.95	-2.36			
10Y UST	4.08	-0.78			
2Y SGS	2.71	4.90			
10Y SGS	2.82	6.76			
3M SORA	3.46	-0.71			
3M SOFR	5.21	-0.55			
	Value	% chg			
Brent	73.06	-1.9%			
WTI	69.22	-2.1%			
Gold	2721	1.1%			
Silver	33.72	6.4%			
Palladium	1084	3.6%			
Copper	9626	1.2%			
BCOM	98.24	-0.1%			
Source: Bloon	nberg				



Looking ahead, while external demand's contribution to the economy may have peaked and infrastructure investment faces uncertainties due to the new round of debt restructuring, recent stimulus measures are expected to continue stabilizing domestic demand. The real estate market is likely to experience marginal improvement. With the National Development and Reform Commission already advancing a CNY200bn investment plan for the fourth quarter, we expect the economy to return to growth above 5% in Q4, bringing full-year growth closer to the 5% target. Additionally, with the issuance of a new round of special government bonds, we anticipate continued economic support into 2025. As a result, we have revised our economic growth forecast for 2025 upward from 4.6% to 4.8%.

Oil: Crude oil benchmarks declined on Friday, with Brent falling 1.9% and WTI falling 2.1% to USD73.1/bbl and USD69.2/bbl respectively. Over the weekend, Middle East tensions continued to simmer as a Hezbollah drone exploded near Israeli Prime Minister Benjamin Netanyahu's home which led to Israel stepping up attacks on Hezbollah in Lebanon. Sudan has also announced that it is ready to resume exporting oil from South Sudan after a pipeline that has been out of service for eight months appears to have been repaired. Before its closure, the piepeline carried more than 150,000 barrels of crude oil.

Major Markets

ID: Former Defense Minister Prabowo Subianto (73) was sworn in as Indonesia's eighth president on Sunday (20 October), alongside his vice president, Gibran Rakabuming Raka (37), the son of outgoing leader Joko Widodo. On the same day, President Prabowo unveiled his 'Red-White' cabinet, reappointing several key figures, including Sri Mulyani as Finance Minister, Airlangga Hartarto as Coordinating Minister for Economic Affairs, Erick Thohir as Minister of State-Owned Enterprises, Bahlil Lahadalia as Minister of Energy and Mineral Resources, and Rosan Roeslani as Minister of Investment. Additionally, President Prabowo expanded his administration by adding several departments and forming new coordinating ministries, including a Coordinating Ministry for Food Affairs led by Zulkifli Hasan and a Coordinating Ministry for Infrastructure and Spatial Development headed by Agus Harimurti Yudhoyono. Other key appointments include the selection of Sugiono as Foreign Minister.

MY: The government aims to narrow the fiscal deficit to 3.8% of GDP in 2025 from 4.3% of GDP in 2024 on the assumption that revenues will grow by 5.5% YoY in 2025 (versus 2.3% in the 2024 revised budget estimate) and expenditures will rise by 3.3% YoY after remaining flat in 2024. Specifically on the expenditure front, the skew was tilted towards operational expenditures, which are budgeted to increase by 4.2% YoY in 2025 versus 3.3% in 2024 (RE). Importantly, subsidies & social assistance spending is projected to drop by 14.4% YoY in 2024. Targeted RON95 rationalisation is expected from mid-2025 onwards, removing access for the top 15% of earners and foreigners.



TH: As reported by Bloomberg, Thailand Prime Minister Paetongtarn Shinawatra is formulating a plan to address elevated household debt to reduce its drag on the economy. The government is in talks with banks to find ways to help debtors pay their loans. A debt relief package is expected to be announced in the coming weeks and may include allowing banks to pay lower fees to the state bailout fund in exchange for reducing terms to debtors.

PH: 23 projects have been added to the Philippine governments public-private partnership (PPP) pipeline, bringing the total amount of projects to 173 and worth around PHP3.17trn (USD 55bn). Of the added projects, 16 of them have not been approved by implementing agencies, while the remaining projects have been submitted by the agencies themselves.

HK: The seasonally adjusted unemployment and underemployment rates stayed flat at 3.0% and 1.2% respectively in July-September 2024. Meanwhile, unemployment rate before seasonal adjustment edged down by 0.1 percentage point to 3.1%, as compared to June-August 2024. Breaking down, unemployment rate in "retail, accommodation and food services" sectors rose further, by 0.1 percentage point, to the highest level since late 2022. Meanwhile, unemployment rates in most of the other sectors fell marginally. Separately, the HKMA announced to cut the countercyclical capital buffer ratio from 1% to 0.5% with immediate effect, among other measures, with the hope to facilitate SMEs' funding needs.

ESG Updates

MY: Malaysia plans to introduce a carbon tax on the iron, steel, and energy industries by 2026, announced at Budget 2025. Proceeds from the carbon tax will be utilised to finance green technology programmes and research. This coincides with the start of the European Union's (EU) Carbon Border Adjustment Mechanism (CBAM) definitive regime starting in 2026, that will impact Malaysia's iron and steel exports to the EU. Implementing a carbon tax for Malaysia's iron and steel sectors can reduce the tariffs paid to the EU under the CBAM.

Rest of the world: The EU's Department for Civil Protection and Humanitarian Aid Operations and ASEAN's Coordinating Centre for Humanitarian Assistance on Disaster Management have signed an agreement on disaster management to combat the rising threat of climate-related disasters. This aims to facilitate knowledge exchange and share best practices, as well as develop training programmes. As both regions are prone to natural disasters such as floods, this agreement can boost the regions' response capacities to natural disasters and build long-term resilience against future threats.



Credit Market Updates

Market Commentary: The SGD SORA OIS curve traded higher last Friday, with shorter tenors trading 2-4bps higher, belly tenors trading 4-5bps higher and 10Y trading 6bps higher. China has halted the corporate bond underwriting operations of Central China Securities and Kaiyuan Securities for six months, according to a statement from the China Securities Regulatory Commission (CSRC). According to a UK court document submitted by the legal representative of the Chinese builder, the anticipated recovery rates for Sino-Ocean Group Holding Ltd. ("Sino-Ocean")'s Class B, C, and D creditors would be 18.1%, 12.5%, and 14.2%, respectively, in a best-case scenario where all creditors opt to receive newly issued perpetual securities as part of the debt plan. Country Garden Real Estate ("COGARD") has requested the Shanghai Stock Exchange to resume trading of three RMB bonds starting October 21, according to the company's filings. The bonds in question are a 4.98%-yuan bond maturing in 2026, a 4.38%-yuan bond maturing in 2026, and a 4.15%-yuan bond maturing in 2026. Bloomberg Asia USD Investment Grade spreads widened 1bps to 78bps while Bloomberg Asia USD High Yield spreads tightened by 1bps to 468bps. (Bloomberg, OCBC)

New Issues:

There were one notable issuances in the Asiadollar market last Friday:

• Jingjiang Port Group Co Ltd priced a USD100mn 3Y Fixed at Par to Yield 6.4%.

There were no notable issuances in the Singdollar market last Friday.

Mandates:

 Wuhan Financial Holdings (Group) Co., Ltd. is planning to issue senior unsecured USD sustainability notes.



oreign Exchange							Equity and Co		
	Day Close	% Change		Day C		% Change	Index	Value	Net chang
OXY	103.493	-0.32%	USD-SGD	1.31		-0.32%	DJIA	43,275.91	36.8
JSD-JPY	149.530	-0.45%	EUR-SGD	1.42		-0.01%	S&P	5,864.67	23.20
UR-USD	1.087	0.33%	JPY-SGD	0.8761 0.13% 1.7099 -0.02% 0.8789 -0.14% 0.7955 -0.13% 1.5153 -0.16% 3.2807 0.04%			Nasdaq Nikkei 225 STI KLCI JCI Baltic Dry	18,489.55 38,981.75 3,640.19 1,645.99 7,760.06 1,576.00	115.94 70.56 14.94 4.55 25.02 -18.00
AUD-USD	0.671	0.15%	GBP-SGD			-0.02%			
GBP-USD	1.305	0.32%	AUD-SGD			-0.14%			
JSD-MYR	4.306	-0.07%	NZD-SGD			-0.13%			
JSD-CNY	7.102	-0.29%	CHF-SGD			-0.16%			
JSD-IDR	15465	-0.19%	SGD-MYR			0.04%			
JSD-VND	25165	-0.05%	SGD-CNY	5.42	01	0.02%	VIX	18.03	-1.08
OFR							Government	Bond Yields (%)
Tenor	EURIBOR	Change	Tenor	USD S	OFR	Change	Tenor	SGS (chg)	UST (chg
M	3.1470	-0.85%	1M	4.74	05	-0.28%	2Y	2.71 (+0.05)	3.96(
SM .	3.2010	-0.56%	2M	4.68	83	-0.03%	5Y	2.72 (+0.05)	3.88 (-0.02
M	3.0280	-0.26%	3M	4.6221		-0.05%	10Y	2.82 (+0.07)	4.09 (-0.01
.2M	2.7090	-0.29%	6M	4.4345 0.02%		0.02%	15Y	2.88 (+0.07)	-
			1Y	4.11	63	0.16%	20Y	2.86 (+0.06)	-
							30Y	2.8 (+0.06)	4.4(
ed Rate Hike Pro	bability						Financial Spr	ead (bps)	
ed Rate Hike Pro	bability # of Hikes/Cuts	Implied R	ate Change	Expected Eff				• • •	
Meeting	# of Hikes/Cuts	•	•	Funds	Rate		Value	Change	
Meeting 11/07/2024	# of Hikes/Cuts	-0	.236	Funds 4.59	Rate 2		Value EURIBOR-OIS	Change #N/A N/A	
Meeting 11/07/2024 12/18/2024	# of Hikes/Cuts -0.946 -1.733	-0 -0	.236 .433	Funds 4.59 4.39	Rate 12 16		Value	Change	
Meeting 11/07/2024 12/18/2024 01/29/2025	# of Hikes/Cuts -0.946 -1.733 -2.485	-0 -0 -0	.236 .433 .621	Funds 4.59 4.39 4.20	Rate 12 16 18		Value EURIBOR-OIS TED	Change #N/A N/A 35.36	
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025	# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397	-0 -0 -0	.236 .433 .621 .849	Funds 4.59 4.39 4.20 3.97	Rate 12 16 18 19		Value EURIBOR-OIS TED Secured Ove	Change #N/A N/A 35.36 rnight Fin. Rate	()
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025 05/07/2025	# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397 -4.102	-0 -0 -0 -0 -1	.236 .433 .621 .849	Funds 4.59 4.39 4.20 3.97 3.80	Rate 12 16 18 19		Value EURIBOR-OIS TED	Change #N/A N/A 35.36	-
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025 05/07/2025 06/18/2025	# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397 -4.102 -4.766	-0 -0 -0 -0 -1	.236 .433 .621 .849	Funds 4.59 4.39 4.20 3.97	Rate 12 16 18 19		Value EURIBOR-OIS TED Secured Ove	Change #N/A N/A 35.36 rnight Fin. Rate	
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025 05/07/2025	# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397 -4.102 -4.766	-0 -0 -0 -0 -1 -1	.236 .433 .621 .849	Funds 4.59 4.39 4.20 3.97 3.80	Rate 22 66 88 99 13	ommoditie s	Value EURIBOR-OIS TED Secured Ove	Change #N/A N/A 35.36 rnight Fin. Rate	-
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025 05/07/2025 06/18/2025 Commoditi Energy	# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397 -4.102 -4.766 es Futures	-0 -0 -0 -0 -1 -1	.236 .433 .621 .849 .026	Funds 4.59 4.39 4.20 3.97 3.80 3.63	Rate 2 6 8 9 3 Soft Co		Value EURIBOR-OIS TED Secured Ove	Change #N/A N/A 35.36 rnight Fin. Rate 4.85	
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025 05/07/2025 06/18/2025 Commoditi Energy WTI (per barr	# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397 -4.102 -4.766 es Futures	-0 -0 -0 -0 -1 -1	.236 .433 .621 .849 .026 .191 	Funds 4.59 4.39 4.20 3.97 3.80 3.63	Rate 12 16 18 19 13 17 Soft Co Com (pe	rbushel)	Value EURIBOR-OIS TED Secured Ove	Change #N/A N/A 35.36 rnight Fin. Rate 4.85	% chg -0.5%
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025 05/07/2025 06/18/2025 Commoditi Energy WTI (per barr Brent (per barr	# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397 -4.102 -4.766 es Futures	-0 -0 -0 -0 -1 -1	.236 .433 .621 .849 .026 .191 	Funds 4.59 4.39 4.20 3.97 3.80 3.63	Rate 12 16 18 19 13 17 Soft Co Corn (pe	erbushel) n (perbushel)	Value EURIBOR-OIS TED Secured Ove	Change #N/A N/A 35.36 rnight Fin. Rate 4.85	% chg
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025 05/07/2025 06/18/2025 Commoditi Energy WTI (per barn Brent (per barn Heating Oil (# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397 -4.102 -4.766 es Futures eel) per gallon)	-0 -0 -0 -0 -1 -1	.236 .433 .621 .849 .026 .191 	Funds 4.59 4.39 4.20 3.97 3.80 3.63 **C hg -2.05% -1.87% -1.93%	Rate 12 16 18 19 13 17 Soft Co Corn (pe Soybean Wheat (p	erbushel) n (perbushel) perbushel)	Value EURIBOR-OIS TED Secured Ove SOFR	Change #N/A N/A 35.36 rnight Fin. Rate 4.85 tures 4.048 9.700 5.728	% chg -0.5% -1.9% -2.8%
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025 05/07/2025 06/18/2025 Commoditi Energy WTI (per barr Brent (per barr	# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397 -4.102 -4.766 es Futures rel) per gallon)	-0 -0 -0 -0 -1 -1	.236 .433 .621 .849 .026 .191 	Funds 4.59 4.39 4.20 3.97 3.80 3.63 % c hg -2.05% -1.87%	Rate 2 6 8 9 Soft Co Corn (pe Soybear Wheat (p	erbushel) n (perbushel)	Value EURIBOR-OIS TED Secured Ove SOFR	Change #N/A N/A 35.36 rnight Fin. Rate 4.85	% chg -0.5% -1.9%
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025 05/07/2025 06/18/2025 Commoditi Energy WTI (per barr Brent (per barr Heating Oil (p Gasoline (per Natural Gas	# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397 -4.102 -4.766 es Futures rel) per gallon) (per MMBtu)	-0 -0 -0 -0 -1 -1	.236 .433 .621 .849 .026 .191 	**Funds 4.59	Rate 12 16 18 19 13 17 Soft Co Corn (pe Soybear Wheat (p Crude Pa Rubber (erbushel) n (perbushel) perbushel) alm Oil (MYR/MT) (JPY/KG)	Value EURIBOR-OIS TED Secured Over SOFR Fu	Change #N/A N/A 35.36 rnight Fin. Rate 4.85 tture s 4.048 9.700 5.728 43.180	% chg -0.5% -1.9% -2.8% -0.6% 2.8%
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025 05/07/2025 06/18/2025 Commoditi Energy WTI (per barr Brent (per barr Heating Oil (p Gasoline (per Natural Gas	# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397 -4.102 -4.766 es Futures rel) per gallon) (per MMBtu)	-0 -0 -0 -0 -1 -1	.236 .433 .621 .849 .026 .191 	**Funds	Rate 12 16 18 19 13 17 Soft Co Corn (pe Soybear Wheat (p Crude Pa Rubber (erbushel) n (perbushel) perbushel) alm Oil (MYR/MT) (JPY/KG) us Metals	Value EURIBOR-OIS TED Secured Over SOFR Fu	Change #N/A N/A 35.36 rnight Fin. Rate 4.85 tture s 4.048 9.700 5.728 43.180 09.500	% chg -0.5% -1.9% -2.8% -0.6% 2.8%
Meeting 11/07/2024 12/18/2024 01/29/2025 03/19/2025 05/07/2025 06/18/2025 Commoditi Energy WTI (per barr Brent (per barr Heating Oil (p Gasoline (per Natural Gas	# of Hikes/Cuts -0.946 -1.733 -2.485 -3.397 -4.102 -4.766 es Futures rel) per gallon) regallon) (per MMBtu) Is mt)	-0 -0 -0 -0 -1 -1 -1	.236 .433 .621 .849 .026 .191 	**Funds 4.59	Rate 12 16 18 19 13 17 Soft Co Corn (pe Soybear Wheat (p Crude Pa Rubber (erbushel) n (perbushel) perbushel) alm Oil (MYR/MT) (JPY/KG) us Metals	Value EURIBOR-OIS TED Secured Over SOFR Fu	Change #N/A N/A 35.36 rnight Fin. Rate 4.85 tture s 4.048 9.700 5.728 43.180	% chg -0.5% -1.9% -2.8% -0.6% 2.8%

Source: Bloomberg, Reuters

(Note that rates are for reference only)

Economic Calendar

Date	Country	ltem	Period	Survey	Actual	Prior	Revised
21/10/2024 07:01	UK	Rightmove House Prices MoM	Oct		0.30%	0.80%	
21/10/2024 07:01	UK	Rightmove House Prices YoY	Oct		1.00%	1.20%	
21/10/2024 08:00	SK	Exports 20 Days YoY	Oct		-2.90%	-1.10%	
21/10/2024 08:00	SK	Imports 20 Days YoY	Oct		-10.10%	-4.50%	
21/10/2024 09:00	CH	1-Year Loan Prime Rate	21-Oct	3.15%		3.35%	
21/10/2024 09:00	CH	5-Year Loan Prime Rate	21-Oct	3.65%		3.85%	
10/21/2024 10/25	CH	1-Yr Medium-Term Lending Facility Rate	25-Oct	2.00%		2.00%	
10/21/2024 10/25	CH	1-Yr Medium-Term Lending Facilities Volume	25-Oct	600.0b		300.0b	
10/21/2024 10/25	CH	FDI YTD YoY CNY	Sep			-31.50%	
21/10/2024 12:00	MA	GDP YoY	3Q A	5.20%		5.90%	
21/10/2024 13:00	JN	Tokyo Condominiums for Sale YoY	Sep			-50.40%	
21/10/2024 14:00	GE	PPI MoM	Sep	-0.20%		0.20%	
21/10/2024 14:00	GE	PPI YoY	Sep	-1.10%		-0.80%	
21/10/2024 16:00	TA	Export Orders YoY	Sep	5.20%		9.10%	
21/10/2024 20:00	CA	Bloomberg Nanos Confidence	18-Oct			55.7	
21/10/2024 22:00	US	Leading Index	Sep	-0.30%		-0.20%	

Source: Bloomberg



Selena Ling

Head of Research & Strategy lingssselena@ocbc.com

Herbert Wong

Hong Kong & Taiwan Economist herberthtwong@ocbc.com

Jonathan Ng

ASEAN Economist jonathanng4@ocbc.com

FX/Rates Strategy

Frances Cheung, CFA
Head of FX & Rates Strategy
francescheung@ocbc.com

Credit Research

Andrew Wong Head of Credit Research wongvkam@ocbc.com

Chin Meng Tee, CFA Credit Research Analyst mengteechin@ocbc.com

Tommy Xie Dongming

Head of Asia Macro Research xied@ocbc.com

Lavanya Venkateswaran

Senior ASEAN Economist lavanyavenkateswaran@ocbc.com

Ong Shu Yi

ESG Analyst shuyiong1@ocbc.com

Christopher Wong

FX Strategist christopherwong@ocbc.com

Ezien Hoo, CFA

Credit Research Analyst ezienhoo@ocbc.com

Keung Ching (Cindy)

Hong Kong & Macau Economist cindyckeung@ocbc.com

Ahmad A Enver

ASEAN Economist ahmad.enver@ocbc.com

Wong Hong Wei, CFA Credit Research Analyst wonghongwei@ocbc.com

This publication is solely for information purposes and general circulation only and may not be published, circulated, reproduced or distributed in whole or in part to any other person without our prior written consent. This publication should not be construed as an offer or solicitation for the subscription, purchase or sale of the securities/instruments mentioned herein. Any forecast on the economy, stock market, bond market and economic trends of the markets provided is not necessarily indicative of the future or likely performance of the securities/instruments. Whilst the information contained herein has been compiled from sources believed to be reliable and we have taken all reasonable care to ensure that the information contained in this publication is not untrue or misleading at the time of publication, we cannot guarantee and we make no representation as to its accuracy or completeness, and you should not act on it without first independently verifying its contents. The securities/instruments mentioned in this publication may not be suitable for investment by all investors. Any opinion or estimate contained in this report is subject to change without notice. We have not given any consideration to and we have not made any investigation of the investment objectives, financial situation or particular needs of the recipient or any class of persons, and accordingly, no warranty whatsoever is given and no liability whatsoever is accepted for any loss arising whether directly or indirectly as a result of the recipient or any class of persons acting on such information or opinion or estimate. This publication may cover a wide range of topics ad is not intended to be a comprehensive study or to provide any recommendation or advice on personal investing or financial planning. Accordingly, they should not be relied on or treated as a substitute for specific advice concerning individual situations. Please seek advice from a financial adviser regarding the suitability of any investment product taking into account your specific investment objectives, financial situation or particular needs before you make a commitment to purchase the investment product. Oversea-Chinese Banking Corporation Limited ("OCBC Bank"), its related companies, their respective directors and/or employees (collectively "Related Persons") may or might have in the future interests in the investment products or the issuers mentioned herein. Such interests include effecting transactions in such investment products, and providing broking, investment banking and other financial services to such issuers. OCBC Bank and its Related Persons may also be related to, and receive fees from, providers of such investment products. There may be conflicts of interest between OCBC Bank, Bank of Singapore Limited, OCBC Investment Research Private Limited, OCBC Securities Private Limited or other members of the OCBC Group and any of the persons or entities mentioned in this report of which OCBC Bank and its analyst(s) are not aware due to OCBC Bank's Chinese Wall arrangement. This report is intended for your sole use and information. By accepting this report, you agree that you shall not share, communicate, distribute, deliver a copy of or otherwise disclose in any way all or any part of this report or any information contained herein (such report, part thereof and information, "Relevant Materials") to any person or entity (including, without limitation, any overseas office, affiliate, parent entity, subsidiary entity or related entity) (any such person or entity, a "Relevant Entity") in breach of any law, rule, regulation, guidance or similar. In particular, you agree not to share, communicate, distribute, deliver or otherwise disclose any Relevant Materials to any Relevant Entity that is subject to the Markets in Financial Instruments Directive (2014/65/EU) ("MiFID") and the EU's Markets in Financial Instruments Regulation (600/2014) ("MiFIR") (together referred to as "MiFID II"), or any part thereof, as implemented in any jurisdiction. No member of the OCBC Group shall be liable or responsible for the compliance by you or any Relevant Entity with any law, rule, regulation, guidance or similar (including, without limitation, MiFID II, as implemented in any jurisdiction).

Co.Reg.no.: 193200032W