



#### PLEASE CLICK ON THE PAGE NUMBER TO MOVE TO THE RELEVANT PAGE.

# **KEY HIGHLIGHTS**

Strategy

Alpha Picks: Sep 23 Portfolio

New policies to facilitate domestic consumption and tourism.

#### **KEY INDICES**

Symbol	Close	Chg	%Chg
SET	1,561.51	(4.43)	(0.28)
SET50	957.01	(0.20)	(0.02)
Value (Btm) - SET	46,528		
Top 5 Sector			
BANK	408.32	(2.06)	(0.50)
PETRO	769.25	(3.34)	(0.43)
PROP	246.10	(2.58)	(1.04)
ENERG	22,063.65	44.31	0.20
ICT Course: Bloomberg	157.64	(1.43)	(0.90)

Source: Bloomberg

Page 2

# **TOP VOLUME**

		Chg	Volume
Symbol	Price (Bt)	(%)	(000)
BANPU	8.30	(3.49)	264,367.4
PTT	35.00	0.72	56,360.4
PTTEP	162.50	2.52	12,135.8
DELTA	110.00	1.38	13,146.7
KBANK	129.50	(0.77)	9,730.7
DELTA	110.00	1.38	13,146.7

# **TOP GAINERS**

		Chg	Volume
Symbol	Price (Bt)	(%)	(000)
TU-PF	0.73	17.74	0.2
В	0.07	16.67	79,570.0
MORE	0.22	15.79	92,919.8
SONIC	1.93	14.88	41,571.0
ARIP	1.13	13.00	17,173.7

# **TOP LOSERS**

		Chg	Volume
Symbol	Price (Bt)	(%)	(000)
AKS	0.01	(50.00)	11,825.6
JKN	1.18	(30.59)	312,300.2
TITLE	2.60	(19.25)	39,399.7
CHO	0.19	(17.39)	97,149.0
PPPM	0.07	(12.50)	114,900.5

#### **KEY STATISTICS**

		%Ung		
Commodity	Current Price	1m	3M	YTD
Brent crude*	88.7	3.4	17.8	8.1
Dubai crude*	88.7	3.4	25.1	12.7
Baltic Dry Index	1,065.0	(6.3)	15.9	(29.7)
Gold Spot***	1,940.9	(0.1)	(0.4)	6.4

\*(US\$/bbl), \*\*\* (US\$/toz)

# FOREIGN PORTFOLIO INVESTMENT IN EQUITIES (THAILAND)

Day	MTD Net	YTD Net	YTD Net
(Mil US\$)	(Mil US\$)	(Mil US\$)	YoY%
(29.6)	(29.6)	(3,940.7)	(9,092.2)

Source: Bloomberg

Foreign Exchange Rate - THB/US\$ (onshore) = 35.14

Interest Rate (%) - TH 1-day RP = 1.50

Thai Lending Rate (%)\* - MLR = 6.85



#### T h a i l a n d Daily

#### STRATEGY - THAILAND

# Alpha Picks: Sep 23 Portfolio

Our Alpha Picks outperformed the market (+2.5% vs +0.6%) in Aug 23. The market KEY RECOMMENDATIONS rebounded in the latter half of the month thanks to the success of selecting the new prime minister and the decline in US bond yield benefitting risky assets. For Sep 23, our picks are CPALL, CPN, ERW, KKP, MAJOR, MINT, OR, PTTEP, RATCH, SCB, TIDLOR and TOP.

#### WHAT'S NEW

- Portfolio outperformed in August. The portfolio outperformed the benchmark (+0.6% vs +2.5%). The top outperforming stocks were: a) ERW (+17.1%) due to the easing of visa restrictions, b) KKP (+8.1%), and c) SCB (+4.9%) as a laggard play for the banking sector. The most underperformers were affected by dividend payment: a) MAJOR (-5.2%), b) OR (-4.7%), and c) RATCH (-2.1%).
- Rising oil prices limit market downside. After the earnings season in 2Q23 which are expected to be the bottom for this year, a slight earnings revision for SET Index has commenced. Also, the recovering demand and tightening supply of global crude oil may support the growth of energy stocks in 2H23. The 30% contribution of the energy sector to broad market earnings would help to increase the SET Index's earnings and limit downside of the Thai market.
- New government to enhance purchasing power. We reiterate our view on the domestic plays because of the new economic policies which focus on consumption including: a) the 10,000 Baht digital wallet; b) the agricultural debt moratoriums. These two factors support debt repayment as well as improve asset quality and purchasing power; and c) the reduction of energy prices to lessen the burden on cost of living. Therefore, we maintain positive view on the commerce sector and selective buy on consumer finance.
- Tourism still a main economic driver. The proposed policy of free visa for Chinese and Indian tourists will accelerate the incoming tourists and economic recovery. As a result, the tourism sector will continue to perform in 2H23 and be the main contribution of economic growth amid delayed government spending which will be key risk to construction services in the next 1-2 quarters.

#### **ACTION**

- Add CPN. The exposure in residence and retail in response to incoming tourists.
- Add TIDLOR. The increasing private spending, debt repayment and diversified strategy in high margin businesses.
- Take profit on ESSO and add TOP. ESSO's current price already priced in the acquired price from BCP, thus we switch to another refiner for higher upside.

# ANALYSTS' TOP ALPHA PICKS\*

Analyst	Company	Rec	Performance	Catalyst
Kampon Akaravarinchai	CPALL	BUY	5.2	Domestic consumption recovery due to more foreign tourists and the election.
Kasemsun Koonnara	CPN	BUY		New projects and higher transfers.
Kochakorn Sutaruksanon	ERW	BUY	15.1	Outstanding RevPar compared with domestic peers.
Kwanchai Atiphophai/ Thanawat Thangchadakorn	KKP	BUY	(5.1)	The laggard play in the banking sector.
Tanaporn Visaruthaphong/ Thachasorn Jutagon	MAJOR	BUY	(6.5)	High season in 2Q and gain on selling MPIC.
Kochakorn Sutaruksanon	MINT	BUY	5.6	Expect higher yoy earnings.
Tanaporn Visaruthaphong/ Benjaphol Suthwanish	OR	BUY	(6.8)	An increase in marketing margins will improve earnings.
Tanaporn Visaruthaphong/ Benjaphol Suthwanish	PTTEP	BUY	(0.6)	A recovery of crude oil prices in 2H23.
Arsit Pamaranont	RATCH	BUY	(2.1)	Lower gas prices, seasonal demand, and ability to renew contracts.
Kwanchai Atiphophai/ Thanawat Thangchadakorn	SCB	BUY	13.5	Increasing policy rate and NIM.
Kwanchai Atiphophai/ Thanawat Thangchadakorn	TIDLOR	BUY		Beneficial from government stimulus and improving asset quality.
Tanaporn Visaruthaphong/ Benjaphol Suthwanish	TOP	BUY		Increasing GRM.
Arsit Pamaranont	ESS0	BUY	3.7	Dropped

<sup>\*</sup> Denotes a timeframe of 1-3 months and not UOBKH's usual 12-month investment horizon for stock recommendation # Share price change since stock was selected as alpha pick

Source: UOB Kay Hian

Company	Share Price 31 Aug 23 (Bt)	Target Price (Bt)	Upside/ (Downside) to TP (%)
CPALL	65.25	78.00	19.54
CPN	68.75	80.00	16.36
ERW	5.55	6.20	11.71
KKP	60.00	78.00	30.00
MAJOR	14.50	18.00	24.14
MINT	33.25	42.00	26.32
OR	20.40	29.00	42.16
PTTEP	158.50	182.00	14.83
RATCH	35.50	50.00	40.85
SCB	118.00	130.00	10.17
TIDLOR	23.60	28.00	18.64
TOP	51.50	68.00	32.04

Source: UOB Kay Hian

#### CHANGE IN SHARE PRICE

Company	Aug 23	To-date*
	(%)	(%)
CPALL	2.8	5.2
ERW	17.1	15.1
ESSO	3.7	3.7
KKP	8.1	(5.1)
MAJOR	(5.2)	(6.5)
MINT	0.8	5.6
OR	(4.7)	(6.8)
PTTEP	(0.6)	(0.6)
RATCH	(2.1)	(2.1)
SCB	4.9	13.5
SFT Index	0.6	

\*Share price change since stock was selected as alpha pick Source: UOB Kay Hian

#### PORTFOLIO RETURNS

(%)	2022	1Q23	2Q23
SET return	0.7	(3.6)	(6.6)
Alpha Picks Return			
- Price-weighted	4.1	2.2	(1.2)
-Market cap-weighted	4.4	8.0	(0.1)
- Equal-weighted	2.7	0.3	(5.5)

Assumptions for the three methodologies.

- 1. Price-weighted: Assuming the same number of shares for each stock, a higher share price will have a higher weighting.
- 2. Market cap-weighted: Weighting is based on the market cap at inception date, a higher market cap will have a higher weighting.
- 3. Equal-weighted: Assuming the same investment amount for each stock, every stock will have the same weighting.

Source: UOB Kay Hian

ANALYST(S)

Kitpon Praipaisarnkit +662 659 8154

kitpon@uobkayhian.co.th

**Thailand Research Team** +662 659 8300 research@uobkayhian.co.th

ASSISTANT ANALYST(S)

Apichaya Wongkolkitsilp



#### **CPALL** (Kampon Akaravarinchai)

- CP All (CPALL) is the operator of Thai 7-Eleven stores, controlling more than 50% of the convenience store market in Thailand.
- We are still positive on 2H23 earnings growth momentum. We expect 2H23 earnings to continue improving yoy, driven by the strong top-line growth from both the convenience stores and wholesale businesses. Also, the pressure from higher electricity costs is expected to be lower on a yoy basis. MAKRO was already refinancing all of the short-term USD loans with THB loans in Apr 23. Therefore, we believe that the interest expenses have already peaked in 1H23. Overall, 2023 earnings should grow by 25% yoy, driven by the aforementioned factors.
- Maintain BUY on CPALL with a target price of Bt78.00. Our target price is pegged to 42x 2023F PE or 1SD above its 10-year historical mean. We believe CPALL will be one of the biggest beneficiaries of the resumption in tourist arrivals and better consumption in suburban areas. The overhang on MAKRO's cost of funds in US dollar-debt is also gradually easing, and management guided that all of its US dollar-denominated loans will be converted to Thai baht by 2023. Although we expect consensus to revise down its earnings forecast for CPALL, we like the company's long-term growth outlook and believe that this is a good accumulation opportunity.

#### SHARE PRICE CATALYST

- Event: Better-than-expected gross profit margin improvement in 2Q23 and lower SGA-tosales following the lower fuel adjustment charge (FT) rate.
- Timeline: 2H23.

#### **CPN** (Kasemsun Koonnara)

- Central Pattana (CPN) is Thailand's largest retail property developer which focuses on developing retail properties like shopping malls in major cities for rental, as well as other mall-related businesses like F&B, hotels and residential properties.
- 2H23 earnings are expected to continue improving, driven by new projects and higher transfers. 2023 earnings are likely to hit a new record high, and we foresee upside risks to our forecasts now that 1H23 earnings account for 53% of our full-year forecast. We also remain optimistic on CPN's earnings outlook in the future, due to its expansion plan. In addition, CPN may announce additional development plans for new projects.
- Maintain BUY with an SOTP-based target price of Bt80.00. We value CPN's core business at Bt78.98/share, based on DCF, assuming a WACC of 7.4%, risk-free rate of 2%, debt premium of 1%, equity risk premium of 8.5%, and terminal growth rate of 3.0%. Cash flows are discounted to 2023. We value the residential business at Bt1.02/share, assuming 10x 2023F PE. Our target price of Bt80.00 implies 28x 2023F PE, or around 10-year average.

# SHARE PRICE CATALYST

- Event: Better-than-expected performance, especially from the rental and service segment, announcement of new projects, better profitability and a clear and stable political situation in Thailand.
- · Timeline: 2H23.

### **ERW (Kochakorn Sutaruksanon)**

- The Erawan Group (ERW) is a leading hotel investment company in Thailand. Its hotel
  portfolio ranges from luxury to mid-scale and economy across Thailand's major tourist
  destinations.
- We expect 2Q23 earnings to surge yoy but decline qoq due to the low season of travel in Thailand. Although the number of international arrivals in April was down by 4% mom to 2.1m, we expect that it should recover from 3Q23 due to the pent-up demand from China.



Maintain BUY with a target price of Bt5.70. Our valuation is based on EV/EBITDA multiple
of 20.0x, 2SD above its historical trading. We prefer ERW as it is the key beneficiary of
Thailand's reopening and it is the only pure-play hotel operator.

#### SHARE PRICE CATALYST

- Event: Government stimulus package, better-than-expected recovery in foreign tourists and better cost control.
- Timeline: 2H23.

# KKP (Kwanchai Atiphophai, CFA)

- Kiatnakin Phatra Bank (KKP) is a small-sized bank that has roughly 2% of the credit market. It has a strong focus on auto hire purchase lending which accounts for about half of its loanbook.
- KKP's loan portfolio has grown well in the past three years, demonstrating a consistent average growth rate of 17% CAGR over 2020-22. Notably, in 1H23, its loan portfolio expanded by an impressive 17.4% yoy, surpassing its projected target of 13% yoy growth for the entire year of 2023. However, the bank faced a rapid credit cost increase in 2Q23, especially in the hire purchase segment. Given the current circumstances, we believe that KKP has no necessity to engage in aggressive lending practices and instead anticipates a heightened emphasis on maintaining loan quality. Therefore, we expect KKP's loan growth to slow down in 2H23 and reach 13% yoy for 2023.
- Maintain BUY with a lower target price of Bt78.00 based on the Gordon Growth Model (cost of equity: 12.5%, long-term growth: 2.0%). Our target price implies 1.1x 2023F P/B, slightly above its five-year mean.

# SHARE PRICE CATALYST

- Event: Strong 2Q23 results.
- Timeline: 2H23.

# MAJOR (Tanaporn Visaruthaphong/ Thachasorn Jutaganon)

- Major Cineplex Group (MAJOR) is a cinema operator with related businesses like bowling, karaoke, rentals, cinema media and film distribution.
- Anticipating sustained growth in admission revenue in 3Q23 through strong box office performance. We expect sustained growth in admission revenue for 2023, building on the momentum generated by upcoming blockbuster releases in 3Q23. Notable titles like Aquaman and the Lost Kingdom, Mission: Impossible - Dead Reckoning Part One, The Marvels, Barbie, Oppenheimer and Thai movie named Long Live Love are poised to drive this recovery. Looking ahead to 4Q23, earnings outlook might slightly drop qoq due to offseason movies.
- Maintain BUY on MAJOR with a lower target price of Bt18.00 (previous: Bt23.00). We roll
  over our valuation to 2024 and de-rate valuation from mean PE to -1SD PE to reflect
  earnings that might be softer from 1H23 due to off-season movies. Our target price is
  based on 13x 2024F PE and -1SD to its five-year PE mean. We still like MAJOR due to
  many blockbuster movies in 3Q23. The stock is also less impacted by advertising
  expenditure compared to other players in the media industry.

# SHARE PRICE CATALYST

- Event: More blockbuster movies, growth in cinema advertising income, recovery in the economy that could accelerate consumer spending, and a higher level of GDP.
- Timeline: 2Q-4Q23.

#### MINT (Kochakorn Sutaruksanon)

 Minor International (MINT) is one of the largest hospitality companies in the Asia-Pacific region. It also operates restaurants in Thailand and overseas and is involved in residential property development and retail trading.



- 2Q23 earnings are likely to surge yoy and qoq. The yoy surge should turn the net loss in 1Q23 to a profit of Bt1.8b-2.0b in 2Q23. The key driver is a recovery in all business units, especially hotels in Europe. EBITDA margin should improve yoy and qoq from the economies of scale of the hotel operations. Alongside this, MINT also maintains food EBITDA margin through optimising the menu prices and entering into contracts to lock in raw material prices.
- Maintain BUY with a target price of Bt42.00 based on EV/EBITDA multiple at 13.0x, at -0.5SD of its historical mean. MINT is one of our picks in the hotel sector as: a) the valuation is undemanding, trading at EV/EBITDA of 11.0x, which is lower than the hotel sector at 15x-18x, and b) 2Q23 earnings are likely to outperform its peers.

#### SHARE PRICE CATALYST

- Event: Better-than-expected cost control, ability to increase ADR.
- Timeline: 2Q-3Q23.

#### OR (Tanaporn Visaruthaphong/Benjaphol Suthwanish)

- PTT Oil And Retail Business (OR) operates an integrated oil and non-oil retailing platform both in Thailand and abroad, including the sales and distribution of petroleum products and other products in retail and commercial marketing, coffee shops, other food and beverage outlets, convenience stores and space management offerings.
- We expect core profit to continue growing in 2Q23. This positive outlook is supported by increased oil sales and the expectation of marketing margin not being lower than 1Q23. According to the Energy Policy and Planning Office (EPPO) report, the marketing margin for diesel fuel in Bangkok in Apr 23 was Bt1.9/litre, surpassing the figures recorded in Feb 23 (Bt1.66/litre) and Mar 23 (Bt1.86/litre). This suggests a positive trend in marketing margins, and we expect 2Q23 marketing margin to be at least as high as 1Q23.
- Maintain BUY with a target price of Bt29.00, based on a five-year average PE of 24x. The
  projected outlook seems reasonable, with improving marketing margins, increased oil
  sales volume and the alleviation of pressure from the oil fund. These factors have the
  potential to facilitate a sustained growth in OR's earnings in the forthcoming two quarters.

#### SHARE PRICE CATALYST

- Event: An increase in marketing margin will improve earnings.
- Timeline: 2023.

# **RATCH (Arsit Pamaranont)**

- Ratch Group (RATCH) is a leading IPP in Thailand. It has a total equity installed capacity
  of 7,379MW. Capacity can be broken down into 6,495MW under commercial operations
  and 884MW under development and construction.
- In the short term, we expect RATCH's overall operations to improve qoq in 2Q23 on the back of a gradual recovery in Thailand's economy along with much lower gas costs and seasonal power demand in Thailand. We expect RATCH to report a core profit of Bt2.1b in 2Q23, supported by healthy utilisation rate of Hongsa power plant (HPC) of 90% (96% in 1Q23, 90% in 2Q22) and earnings turnaround in small power producer (SPP) power plants like Nava Nakorn Electricity Generating (NNEG), Sahacogen (SCG) and berk prai cogen due to the Bt80/MMBTU lower gas cost.
- Maintain BUY with a target price of Bt50.00 based on the DCF valuation of all projects (WACC of 5.0%). We still like RATCH for its impressive growth outlook and we continue to see upside for RATCH's share price from here. The company also offers a 4.5% dividend yield for 2023 (the highest among its big-cap peers).

#### SHARE PRICE CATALYST

- Event: Expected recovery in demand for power in Thailand and overseas.
- Timeline: 2023.



## SCB (Kwanchai Atiphophai, CFA/Thanawat Thangchadakorn)

- SCB X is one of the largest commercial banks with a roughly 15% share of Thailand's credit market. It has a strong focus on retail lending, which accounts for 46% of its loanbook.
- SCB reported return on equity (ROE) at 10.1% in 2Q23, the first time since the start of the pandemic (3Q19 ROE: 15%). According to management's guidance, the company set a goal to raise ROE to a range of 13-15% in the next 3-5 years, which is a medium-term plan. Furthermore, SCB intends to maintain a high dividend payout ratio, with the last payout at 60%.
- Maintain BUY with a lower target price of Bt130.00, based on the Gordon Growth Model (cost of equity: 11%, long-term growth: 2%). SCB currently trades at 7.9x 2023F PE, -1SD to its five-year mean, and at 0.8x 2023F P/B, approximately its five-year mean.

#### SHARE PRICE CATALYST

- Event: The Bank of Thailand (BOT) implementing policy rate hikes.
- · Timeline: 2H23.

#### TIDLOR (Kwanchai Atiphophai, CFA/Thanawat Thangchadakorn)

- The non-bank company that provides auto title loans, hire purchase financing services for second-hand used trucks, and other types of non-lending products include life and nonlife insurance brokerage services under the brand "Ngern Tid Lor".
- Better asset quality outlook but maintaining conservative credit cost guidance. Management reaffirmed that TIDLOR's NPL ratio should peak in early-3Q23. The company has tightened its lending policies, and the delinquency rate has shown signs of slowing down. However, management maintains its credit cost guidance unchanged at 3.00-3.35% as uncertainties revolving around the establishment of the new government could delay the implementation of the stimulus scheme. Also, prices of second-hand vehicles are continuing to trend downward, which could widen losses from the sales of repossessed items.
- Upgrade to BUY. TIDLOR's share price has fallen sharply due to the large sell-off by one
  of its major shareholders. However, this sell-off does not impact the company's
  fundamentals. Its share price is undervalued. We upgrade to BUY with an unchanged
  target price of Bt28.00 based on the Gordon Growth Model.

#### SHARE PRICE CATALYST

- · Event: Strong 3Q23 results.
- Timeline: 2H23.

# TOP (Tanaporn Visaruthaphong/Benjaphol Suthwanish)

- Thai Oil (TOP) is an oil refinery company. It also produces oil related products including LPG, kerosene, fuel oil and chemicals.
- Crude oil prices and refining margin is expected to support a strong recovery in 3Q23 net profit. We expect 3Q23 net profit to grow on both qoq and yoy bases. This growth will be primarily boosted by three factors: a) jump in revenue due to an increase in crude oil prices, b) strong recovery in core profit due to GRM improving on both qoq and yoy bases, and c) utilisation rate being sustained at a notably high level, which will support the escalating seasonal demand and counter the reduction in regional output stemming from unplanned shutdowns of regional refineries.
- We maintain our BUY recommendation with a target price of Bt68.00, based on regional forward PE of 11x in 2024. We continue to expect a recovery in GRM and core profit in 3Q23.

# SHARE PRICE CATALYST

- Event: Crude oil prices rebound in 2H23, and the driving season and hurricane season in the US which will cause demand for refined oil to increase.
- Timeline: 2H23.



Monday, 04 September 2023

# VALUATION

			Last Price	Target	Upside	Market		PE		EPS	PEG	P/B	Yield	ROE
Company	Ticker	Rec.	31 Aug 23	Price	Downside	Cap	2022	2023F	2024F	Growth	2023F	2023F	2023F	2023F
			(Bt)	(Bt)	(%)	(US\$m)	(x)	(x)	(x)	2023F (%)	(x)	(x)	(%)	(%)
CP All	CPALL TB	BUY	65.25	78.00	19.54	16,605	44.2	35.2	29.2	25.5	1.4	5.3	1.4	5.6
Central Pattana	CPN TB	BUY	68.75	80.00	16.36	8,741	28.7	23.8	22.6	20.5	1.2	3.5	1.7	13.9
The Erawan Group	ERW TB	BUY	5.55	6.20	11.71	712	n.a.	38.5	31.1	396.0	0.1	3.8	1.2	10.9
Kiatnakin Phatra Bank	KKP TB	BUY	60.00	78.00	30.00	1,439	6.7	7.1	5.8	(5.9)	(1.2)	8.0	4.1	11.9
Major Cineplex Group	MAJOR TB	BUY	14.50	18.00	24.14	367	51.4	14.5	11.4	255.9	0.1	2.0	6.9	12.4
Minor International	MINT TB	BUY	33.25	42.00	26.32	4,915	41.2	32.1	24.5	28.5	1.1	2.3	1.0	6.5
PTT Oil And Retail Business	OR TB	BUY	20.40	29.00	42.16	6,935	23.6	16.6	15.8	41.9	0.4	1.1	1.8	6.5
PTT Exploration and Production	n PTTEP TB	BUY	158.50	182.00	14.83	17,826	8.9	10.2	8.7	(13.4)	(8.0)	1.3	5.0	13.5
Ratch Group	RATCH TB	BUY	35.50	50.00	40.85	1,458	13.4	9.5	8.1	40.4	0.2	8.0	5.6	7.5
SCB X	SCB TB	BUY	118.00	130.00	10.17	11,255	10.6	9.9	9.1	7.5	1.3	8.0	5.3	8.5
Ngern Tid Lor	TIDLOR TB	BUY	23.60	28.00	18.64	1,550	15.8	16.1	14.5	(2.0)	(7.9)	2.3	1.2	14.4
Thai Oil	TOP TB	BUY	51.50	68.00	32.04	2,976	3.5	7.0	8.2	(49.9)	(0.1)	0.7	4.9	10.0

Source: UOB Kay Hian



#### Disclosures/Disclaimers

This report is prepared by UOB Kay Hian Securities (Thailand) Public Company Limited ("UOBKHST"), which is a licensed corporation providing Securities Brokerage, Securities Dealing, Underwriting, Derivative Agent and Financial Advisory in Thailand.

This report is provided for information only and is not an offer or a solicitation to deal in securities or to enter into any legal relations, nor an advice or a recommendation with respect to such securities.

This report is prepared for general circulation. It does not have regard to the specific investment objectives, financial situation and the particular needs of any recipient hereof. Advice should be sought from a financial adviser regarding the suitability of the investment product, taking into account the specific investment objectives, financial situation or particular needs of any person in receipt of the recommendation, before the person makes a commitment to purchase the investment product.

This report is confidential. This report may not be published, circulated, reproduced or distributed in whole or in part by any recipient of this report to any other person without the prior written consent of UOBKST. This report is not directed to or intended for distribution to or use by any person or any entity who is a citizen or resident of or located in any locality, state, country or any other jurisdiction as UOBKHST may determine in its absolute discretion, where the distribution, publication, availability or use of this report would be contrary to applicable law or would subject UOBKHST and its connected persons (as defined in Notification of the Capital Market Supervisory Board No. TorChor. 21/2551 and the Securities and Exchange Act of Thailand) to any registration, licensing or other requirements within such jurisdiction.

The information or views in the report ("Information") has been obtained or derived from sources believed by UOBKHST to be reliable. However, UOBKHST makes no representation as to the accuracy or completeness of such sources or the Information and UOBKHST accepts no liability whatsoever for any loss or damage arising from the use of or reliance on the Information. UOBKHST and its associate may have issued other reports expressing views different from the Information and all views expressed in all reports of UOBKHST and its connected persons are subject to change without notice. UOBKHST reserves the right to act upon or use the Information at any time, including before its publication herein.

Except as otherwise indicated below, (1) UOBKHST, its associates and its officers, employees and representatives may, to the extent permitted by law, transact with, perform or provide broking, underwriting, corporate finance-related or other services for or solicit business from, the subject corporation(s) referred to in this report; (2) UOBKHST, its associate and its officers, employees and representatives may also, to the extent permitted by law, transact with, perform or provide broking or other services for or solicit business from, other persons in respect of dealings in the securities referred to in this report or other investments related thereto; (3) the officers, employees and representatives of UOBKHST may also serve on the board of directors or in trustee positions with the subject corporation(s) referred to in this report. (All of the foregoing is hereafter referred to as the "Subject Business"); and (4) UOBKHST may otherwise have an interest (including a proprietary interest) in the subject corporation(s) referred to in this report.

As of the date of this report, no analyst responsible for any of the content in this report has any proprietary position or material interest in the securities of the corporation(s) which are referred to in the content they respectively author or are otherwise responsible for.

## **IMPORTANT DISCLOSURES FOR U.S. PERSONS**

This research report is prepared by UOBKHST, a company authorized, as noted above, to engage in securities and derivative activities in Thailand. UOBKHST is not a registered broker-dealer in the United States and, therefore, is not subject to U.S. rules regarding the preparation of research reports and the independence of research analysts. This research report is provided for distribution by UOBKHST (whether directly or through its US registered broker dealer affiliate named below) to "major U.S. institutional investors" in reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act"). All US persons that receive this document by way of distribution from or which they regard as being from UOBKHST by their acceptance thereof represent and agree that they are a major institutional investor and understand the risks involved in executing transactions in securities.

Any U.S. recipient of this research report wishing to effect any transaction to buy or sell securities or related financial instruments based on the information provided in this research report should do so only through UOB Kay Hian (U.S.) Inc ("UOBKHUS"), a registered broker-dealer in the United States. Under no circumstances should any recipient of this research report effect any transaction to buy or sell securities or related financial instruments through UOBKHST.

UOBKHUS accepts responsibility for the contents of this research report, subject to the terms set out below, to the extent that it is delivered to and intended to be received by a U.S. person other than a major U.S. institutional investor.

The analyst whose name appears in this research report is not registered or qualified as a research analyst with the Financial Industry Regulatory Authority ("FINRA") and may not be an associated person of UOBKHUS and, therefore, may not be subject to applicable restrictions under FINRA Rules on communications with a subject company, public appearances and trading securities held by a research analyst account.



## **Analyst Certification/Regulation AC**

Each research analyst of UOBKHST who produced this report hereby certifies that (1) the views expressed in this report accurately reflect his/her personal views about all of the subject corporation(s) and securities in this report; (2) the report was produced independently by him/her; (3) he/she does not carry out, whether for himself/herself or on behalf of UOBKHST or any other person, any of the Subject Business involving any of the subject corporation(s) or securities referred to in this report; and (4) he/she has not received and will not receive any compensation that is directly or indirectly related or linked to the recommendations or views expressed in this report or to any sales, trading, dealing or corporate finance advisory services or transaction in respect of the securities in this report. However, the compensation received by each such research analyst is based upon various factors, including UOBKHST's total revenues, a portion of which are generated from UOBKHST's business of dealing in securities.

Reports are distributed in the respective countries by the respective entities and are subject to the additional restrictions listed in the following table.

located in any country or jurisdiction where the distribution, publication or use of this report would be contrary to applicable law or regulation.  This report is distributed in Hong Kong by UOB Kay Hian (Hong Kong) Limited ("UOBKHHK"), which is regulated by the Securities and Futures Commission of Hong Kong. Neither the analyst(s) preparing this report nor his associate, has trading and financial interest and relevant relationship specified under Para. 16.4 of Code of Conduct in the listed corporation covered in this report. UOBKHHK does not have financial interests and business relationship specified under Para. 16.5 of Code of Conduct with the listed corporation covered in this report. Where the report is distributed in Hong Kong and contains research analyses or reports from a foreign research house, please note:  (i) recipients of the analyses or reports are to contact UOBKHHK (and not the relevant foreign research house) in Hong Kong in respect of any matters arising from, or in connection with, the analysis or report, and (ii) to the extent that the analyses or reports are delivered to and intended to be received by any person in Hong Kong who is not a professional investor, or institutional investor, UOBKHHK accepts legal responsibility for the contents of the analyses or reports only to the extent required by law.  Indonesia  Indonesia  Malaysia  Malaysia  Malaysia  Where the report is distributed in Indonesia by PT UOB Kay Hian Sekuritas, which is regulated by Financial Services Authority of Indonesia. Where the report is distributed in Indonesia and contains research analyses or reports from a foreign research house, please note recipients of the analyses or reports are to contact PT UOBKH (and not the relevant foreign research house) in Malaysia, at +603-2141988, in respect of any matters arising from, or in connection with, the analysis or report as UOBKHM is the registered person under CMSA to distribute any research analyses or reports from a foreign research house, please note:  (i) recipients	ionowing table.	
Securities and Futures Commission of Hong Kong, Neither the analyst(s) preparing this report nor his associate, has trading and financial interest and relevant relationship specified under Para. 16.4 of Code of Conduct in the listed corporation covered in this report. Where the report is distributed in Hong Kong and contains research analyses or reports from a foreign research house, please note:  (i) recipients of the analyses or reports from a foreign research house, please note:  (i) recipients of the analyses or reports are to contact UOBKHHK (and not the relevant foreign research house) in Hong Kong in respect of any matters arising from, or in connection with, the analysis or report; and (ii) to the extent that the analyses or reports are delivered to and intended to be received by any person in Hong Kong who is not a professional investor, or institutional investor, UOBKHHK accepts legal responsibility for the contents of the analyses or reports only to the extent required by law.  Indonesia  Indonesia  This report is distributed in Indonesia aby PT UOB Kay Hian Sekuritas, which is regulated by Financial Services Authority of Indonesia. Where the report is distributed in Indonesia and contains research analyses or reports from a foreign research house, please note recipients of the analyses or reports are to contact PT UOBKH (and not the relevant foreign research house) in Indonesia in respect of any matters arising from, or in connection with, the analysis or report.  Malaysia  Where the report is distributed in Malaysia and contains research analyses or reports from a foreign research house, in respect of any matters arising from, or in connection with, the analysis or report as UOBKHM is the registered person under CMSA to distribute any research analyses in Malaysia.  This report is distributed in Singapore by UOB Kay Hian Private Limited ("UOBKH"), which is a holder of a capital markets services licence and an exempt financial adviser regulated by the Monetary Authority of Singapore. Where the repor	General	
This report is distributed in Indonesia by PT UOB Kay Hian Sekuritas, which is regulated by Financial Services Authority of Indonesia. Where the report is distributed in Indonesia and contains research analyses or reports from a foreign research house, please note recipients of the analyses or reports are to contact PT UOBKH (and not the relevant foreign research house) in Indonesia in respect of any matters arising from, or in connection with, the analysis or report.  Malaysia  Where the report is distributed in Malaysia and contains research analyses or reports from a foreign research house, the recipients of the analyses or reports are to contact UOBKHM (and not the relevant foreign research house) in Malaysia, at +603-21471988, in respect of any matters arising from, or in connection with, the analysis or report as UOBKHM is the registered person under CMSA to distribute any research analyses in Malaysia.  Singapore  This report is distributed in Singapore by UOB Kay Hian Private Limited ("UOBKH"), which is a holder of a capital markets services licence and an exempt financial adviser regulated by the Monetary Authority of Singapore. Where the report is distributed in Singapore and contains research analyses or reports from a foreign research house, please note: (i) recipients of the analyses or reports are to contact UOBKH (and not the relevant foreign research house) in Singapore in respect of any matters arising from, or in connection with, the analysis or report; 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, UOBKH accepts legal responsibility for the contents of the analyses or reports only to the extent required by law.  Thailand  This report is distributed in Thailand by UOB Kay Hian (U.K.) Limited, which is an authorised person in the meaning of the Financial Services and Markets Act and is regulated by The Financial Conduct Authority. Research di	Hong Kong	Securities and Futures Commission of Hong Kong. Neither the analyst(s) preparing this report nor his associate, has trading and financial interest and relevant relationship specified under Para. 16.4 of Code of Conduct in the listed corporation covered in this report. UOBKHHK does not have financial interests and business relationship specified under Para. 16.5 of Code of Conduct with the listed corporation covered in this report. Where the report is distributed in Hong Kong and contains research analyses or reports from a foreign research house, please note:  (i) recipients of the analyses or reports are to contact UOBKHHK (and not the relevant foreign research house) in Hong Kong in respect of any matters arising from, or in connection with, the analysis or report; and  (ii) to the extent that the analyses or reports are delivered to and intended to be received by any person in Hong Kong who is not a professional investor, or institutional investor, UOBKHHK accepts legal responsibility for the contents of the
recipients of the analyses or reports are to contact UOBKHM (and not the relevant foreign research house) in Malaysia, at +603-21471988, in respect of any matters arising from, or in connection with, the analysis or report as UOBKHM is the registered person under CMSA to distribute any research analyses in Malaysia.  Singapore  This report is distributed in Singapore by UOB Kay Hian Private Limited ("UOBKH"), which is a holder of a capital markets services licence and an exempt financial adviser regulated by the Monetary Authority of Singapore. Where the report is distributed in Singapore and contains research analyses or reports from a foreign research house, please note: (i) recipients of the analyses or reports are to contact UOBKH (and not the relevant foreign research house) in Singapore in respect of any matters arising from, or in connection with, the analysis or report; 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, UOBKH accepts legal responsibility for the contents of the analyses or reports only to the extent required by law.  Thailand  This report is distributed in Thailand by UOB Kay Hian Securities (Thailand) Public Company Limited, which is regulated by the Securities and Exchange Commission of Thailand.  This report is being distributed in the UK by UOB Kay Hian (U.K.) Limited, which is an authorised person in the meaning of the Financial Services and Markets Act and is regulated by The Financial Conduct Authority. Research distributed in the UK is intended only for institutional clients.  United  This report cannot be distributed into the U.S. or to any U.S. person or entity except in compliance with applicable U.S. laws and regulations. It is being distributed in the U.S. by UOB Kay Hian (US) Inc, which accepts responsibility for its contents. Any U.S. person or entity receiving this report and wishing to effect transactions in any securitie		This report is distributed in Indonesia by PT UOB Kay Hian Sekuritas, which is regulated by Financial Services Authority of Indonesia. Where the report is distributed in Indonesia and contains research analyses or reports from a foreign research house, please note recipients of the analyses or reports are to contact PT UOBKH (and not the relevant foreign research house) in Indonesia in respect of any matters arising from, or in connection with, the analysis or report.
This report is distributed in Singapore by UOB Kay Hian Private Limited ("UOBKH"), which is a holder of a capital markets services licence and an exempt financial adviser regulated by the Monetary Authority of Singapore. Where the report is distributed in Singapore and contains research analyses or reports from a foreign research house, please note:  (i) recipients of the analyses or reports are to contact UOBKH (and not the relevant foreign research house) in Singapore in respect of any matters arising from, or in connection with, the analysis or report; 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, UOBKH accepts legal responsibility for the contents of the analyses or reports only to the extent required by law.  Thailand  This report is distributed in Thailand by UOB Kay Hian Securities (Thailand) Public Company Limited, which is regulated by the Securities and Exchange Commission of Thailand.  United  Kingdom  This report is being distributed in the UK by UOB Kay Hian (U.K.) Limited, which is an authorised person in the meaning of the Financial Services and Markets Act and is regulated by The Financial Conduct Authority. Research distributed in the UK is intended only for institutional clients.  United  This report cannot be distributed into the U.S. or to any U.S. person or entity except in compliance with applicable U.S. laws and regulations. It is being distributed in the U.S. by UOB Kay Hian (US) Inc, which accepts responsibility for its contents. Any U.S. person or entity receiving this report and wishing to effect transactions in any securities referred to in	Malaysia	recipients of the analyses or reports are to contact UOBKHM (and not the relevant foreign research house) in Malaysia, at +603-21471988, in respect of any matters arising from, or in connection with, the analysis or report as UOBKHM is the
by the Securities and Exchange Commission of Thailand.  United Kingdom  This report is being distributed in the UK by UOB Kay Hian (U.K.) Limited, which is an authorised person in the meaning of the Financial Services and Markets Act and is regulated by The Financial Conduct Authority. Research distributed in the UK is intended only for institutional clients.  United States of America  This report cannot be distributed into the U.S. or to any U.S. person or entity except in compliance with applicable U.S. laws and regulations. It is being distributed in the U.S. by UOB Kay Hian (US) Inc, which accepts responsibility for its contents. Any U.S. person or entity receiving this report and wishing to effect transactions in any securities referred to in	Singapore	This report is distributed in Singapore by UOB Kay Hian Private Limited ("UOBKH"), which is a holder of a capital markets services licence and an exempt financial adviser regulated by the Monetary Authority of Singapore. Where the report is distributed in Singapore and contains research analyses or reports from a foreign research house, please note: (i) recipients of the analyses or reports are to contact UOBKH (and not the relevant foreign research house) in Singapore in respect of any matters arising from, or in connection with, the analysis or report; 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, UOBKH accepts legal responsibility for the contents of the analyses or reports only to the extent required by law.
Kingdom of the Financial Services and Markets Act and is regulated by The Financial Conduct Authority. Research distributed in the UK is intended only for institutional clients.  United This report cannot be distributed into the U.S. or to any U.S. person or entity except in compliance with applicable U.S. laws and regulations. It is being distributed in the U.S. by UOB Kay Hian (US) Inc, which accepts responsibility for its contents. Any U.S. person or entity receiving this report and wishing to effect transactions in any securities referred to in	Thailand	by the Securities and Exchange Commission of Thailand.
Kingdom of the Financial Services and Markets Act and is regulated by The Financial Conduct Authority. Research distributed in the UK is intended only for institutional clients.  United This report cannot be distributed into the U.S. or to any U.S. person or entity except in compliance with applicable U.S. laws and regulations. It is being distributed in the U.S. by UOB Kay Hian (US) Inc, which accepts responsibility for its contents. Any U.S. person or entity receiving this report and wishing to effect transactions in any securities referred to in	United	This report is being distributed in the UK by UOB Kay Hian (U.K.) Limited, which is an authorised person in the meaning
States of America of laws and regulations. It is being distributed in the U.S. by UOB Kay Hian (US) Inc, which accepts responsibility for its contents. Any U.S. person or entity receiving this report and wishing to effect transactions in any securities referred to in	Kingdom	of the Financial Services and Markets Act and is regulated by The Financial Conduct Authority. Research distributed in the UK is intended only for institutional clients.
America contents. Any U.S. person or entity receiving this report and wishing to effect transactions in any securities referred to in	United	
	States of America	
	('U.S.')	

Copyright 2023, UOB Kay Hian Securities (Thailand) Public Company Limited. All rights reserved.

http://www.utrade.co.th