



## Market today



## Recovery is limited with downside risk

The overall signals are still weak so we see recovery limited at resistances of 1390 and 1398 but will turn positive if resistance is broken through. If not, downside risk takes over. We assign support at 1370 and if it falls below 1366, a new low is expected. Next support is at 1360.

## Today's highlights



- The US ISM reported an increase in services PMI index for Nov to 52.7, exceeding expectations. The JOLTS report showed a fall in US job openings in Oct to 8.733mn positions, lower than anticipated and the lowest since Mar 2021.
- Isabel Schnabel, a member of the Executive Board of the ECB, said there is no need for the ECB to increase interest rates further, as inflation unexpectedly fell, as did bond yields.
- Moody's has downgraded the outlook for China's government credit rating from stable to negative due to the slowdown in economic growth in the medium term and risks arising from a major crisis in China's real estate market.
- Caixin/S&P Global Services reported that China services PMI index for Nov reached a three-month high of 51.5. However, it still remains below the long-term average.
- The TAT reports a total of 25mn foreign tourists since Jan 1, 2023, generating ~Bt1.07trn in revenue. The top five countries of origin for these tourists are Malaysia, China, Russia, South Korea, and India.
- The Ministry of Energy says that if the government sets the electricity tariff for the period Jan-Apr 2024 at no more than Bt4.20/unit, EGAT may have to shoulder a short-term additional cost burden of Bt13bn. Today the JSCCIB will discuss urgent issues related to the impact of rising electricity prices, proposing that the government cap it at Bt3.99 /unit.

## Strategy today



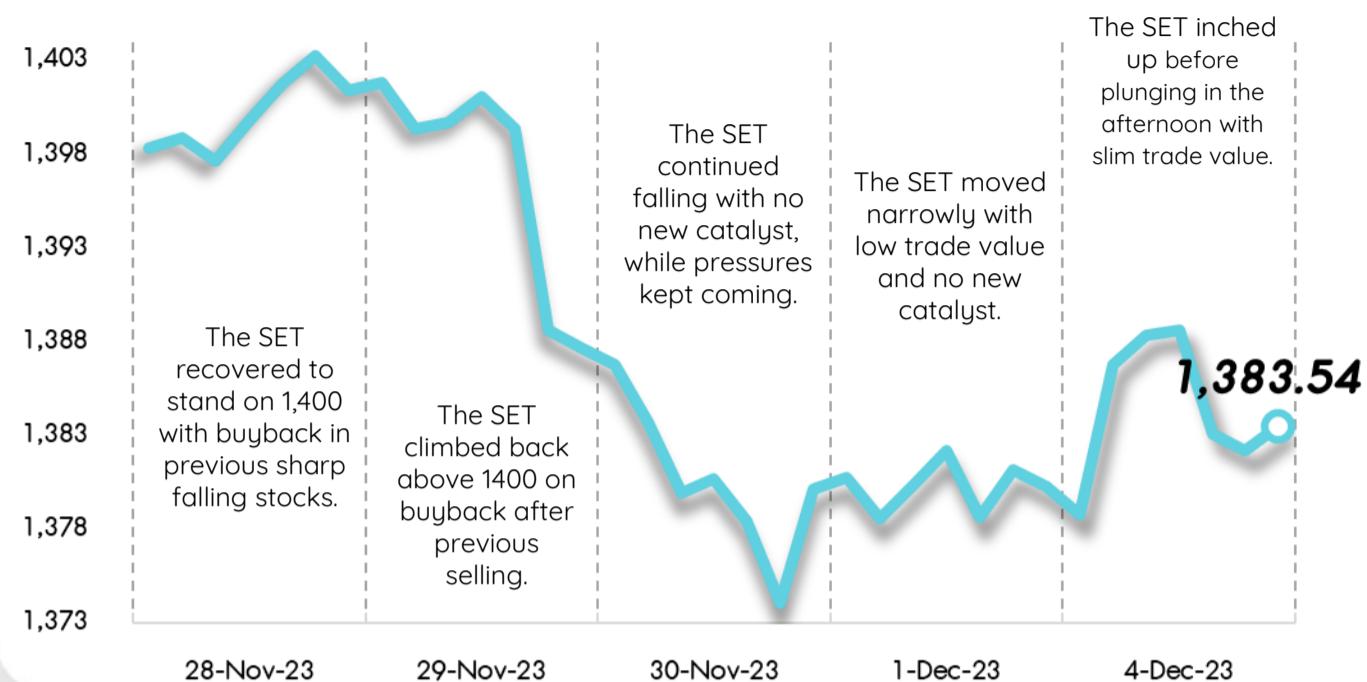
In the short term the SET is expected recover on expected fund flows into TESG funds that will help stabilize the Thai capital market, with recovery in big-cap stocks after earlier price drops. Our strategy is selective buy.

## Daily report

Wednesday, December 6, 2023

## Support - Resistances

1370/1360 – 1390/1398



## Trading today



**Weekly portfolio:** The SET is expected to recover after an earlier fall on expected fund inflows from TESG funds designed to help capital market stability. We recommend "selective buy" in themes with specific drivers:

1) Big-cap stocks in SET50 expected to be selected as investment targets for the TESG fund being set up. We select stocks in the SETESG index with two factors of interest: 1) ESG rating of "AAA" or "AA" and 2) prices are down more than the SET YTD - SCGP, OR, CPALL, BEM, GULF, CRC and HMPRO, while also recommend the stock with ESG rating of "A" and down more than the SET YTD - AOT.

2) Big-cap stocks in SET50 placed in the SETESG with a rating of "AAA" and outperforming the SET YTD, with strong profit and dividend yields greater than 5% - PTT and KTB.

3) Those looking for long-term dollar-cost-average (DCA) investment as we see it as the best after a sharp drop in the SET, so risk is low and stock prices are undervalued; on this theme we recommend BBL, BDMS, BEM, CPALL, PTT and SCC, all SET100 stocks and leaders in their industries. They are also included in the SETESG index with ESG rating of "AAA" or "AA" and valuations are below 10-year historical mean with steady profit.

In the short term we recommend being cautious on stocks that are expected to be significantly affected by the planned raise in the minimum wage, set to be discussed in the Dec 12 cabinet meeting: Courier Services (KEX), Food (CPF, ZEN, GFPT, TU and AU), Real Estate (LPN, PSH, SPALI, SIRI, QH and AP) and Electronic Components (HANA and KCE). In the medium term we recommend being cautious on stocks that are expected to be affected by El Nino, which will erode purchasing power in the agricultural sector: Finance (MTC, SAWAD), Automotive (SAT, STANLY), Beverages (CBG has high sugar cost) and Food & Agriculture (CPF GFPT and GFPT).

## Daily top picks



**BEM:** This is an interesting stock in the SETESG Index with an "AA" rating. In 4Q23, it is expected to report a YoY increase in profit on more expressway traffic and MRT riders. In 2023, profit is expected to grow 45% followed by 27% growth in 2024 on rising expressway traffic and MRT passenger numbers.

**ADVANC** is also of interest, put in the SETESG Index, with a "AAA" rating. Although profit is expected to drop QoQ in 4Q23 due to the high season for marketing expense, YoY profit is expected to grow on higher revenue tagging higher tourism. The 3BB-JASIF deal is seen as providing a long-term benefit.



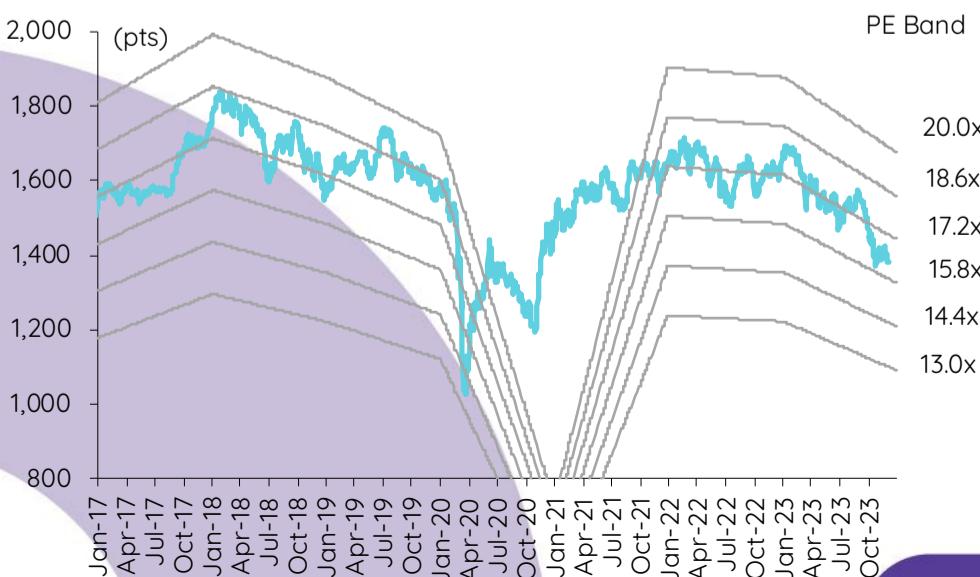
## Today's reports

**Petrochemicals** – Weak product spread continues  
**ACE** – Still not on our radar

## What to watch

Date	Event
5 Dec	<b>Economic release:</b> EU/JP – Final services PMI for Nov; US – ISM services PMI for Nov, JOLTS job openings; EU – PPI for Oct
6 Dec	<b>Economic release:</b> EU – Retail sales for Oct; US – ADP non-farm employment change for Nov, trade balance for Oct, crude oil inventories
7 Dec	<b>Economic release:</b> CN – Trade balance for Nov; US - Unemployment claims; EU – Revised GDP for 3Q23; TH – CPI for Nov
8 Dec	<b>Economic release:</b> JP – final GDP for 3Q23, household spending for Oct; US – Average hourly earnings, non-farm employment change and unemployment rate for Nov

## SET Index movement



## SET Index series

Index	4 Dec (pts)	Chg (pts)	Chg (%)	Value (Btmn)
SET	1,383.54	3.23	0.23	35,519.36
SET50	855.70	2.76	0.32	22,774.64
SET100	1,896.00	5.92	0.31	26,974.91
sSET	851.60	4.89	0.58	2,965.36
SETCLMV	848.86	3.30	0.39	13,995.88
SETHD	1,098.72	5.69	0.52	10,779.54
SETTHSI	924.64	0.00	0.00	33,364.70
SETWB	815.64	3.58	0.44	7,236.54
mai	398.22	0.61	0.15	1,125.97

## Trading summary by investor type

(Btmn)	4 Dec	WTD	MTD	YTD
<b>Foreign</b>				
<b>Net</b>	979	979	713	(191,573)
<b>Breakdown (%)</b>	52.94	52.94	53.47	52.29
<b>Institution</b>				
<b>Net</b>	9	9	993	71,666
<b>Breakdown (%)</b>	8.45	8.45	8.53	8.38
<b>PropTrade</b>				
<b>Net</b>	(384)	(384)	(601)	(3,423)
<b>Breakdown (%)</b>	7.99	7.99	8.47	7.65
<b>Individual</b>				
<b>Net</b>	(604)	(604)	(1,106)	123,331
<b>Breakdown (%)</b>	30.62	30.62	29.53	31.68

## S50 futures trading by foreign investors

(Contract)	4-Dec	WTD	MTD	YTD
<b>Foreign</b>	3,542	3,542	5,955	(316,706)
<b>Institution</b>	3,088	3,088	1,232	66,514
<b>Customer</b>	(6,630)	(6,630)	(7,187)	250,192

## Bond trading by foreign investors

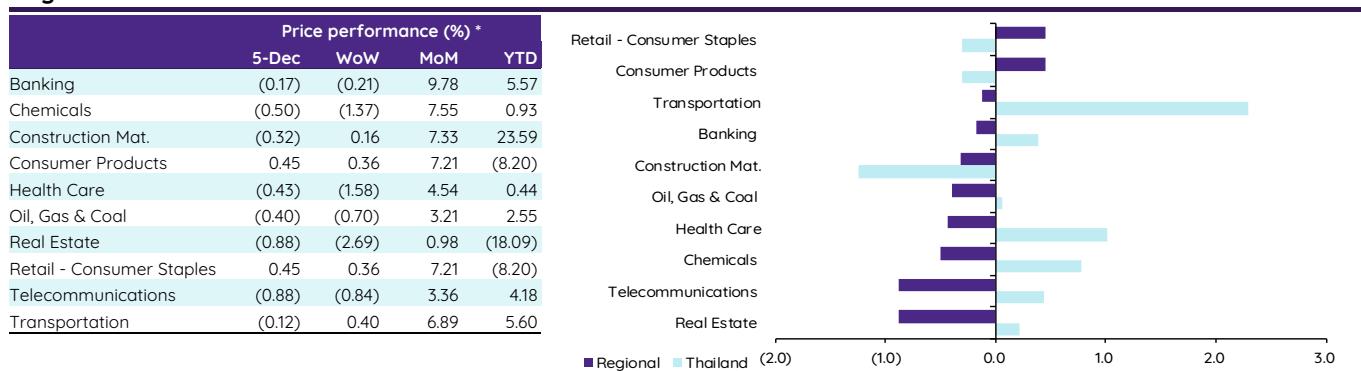
(Btmn)	4-Dec	WTD	MTD	YTD
<b>Buy</b>	1,009	1,009	4,898	1,019,107
<b>Sell</b>	4,710	4,710	19,398	1,011,169
<b>Net</b>	(3,702)	(3,702)	(14,500)	7,938

## Market update

### Global market movement

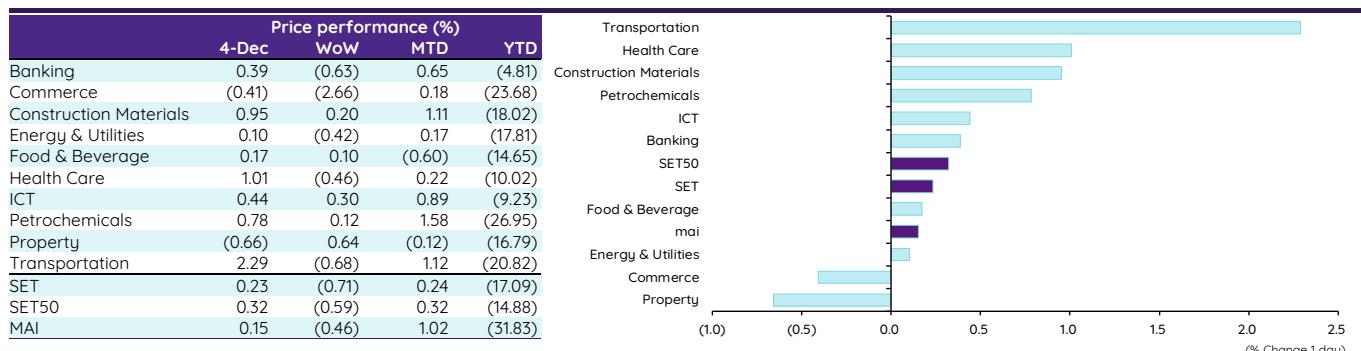
	5-Dec	Index	Chg (pts)	Performance (%)				PE (x)		EPS gth (%)		PBV (x)		ROE (%)	
				1D	WTD	MTD	YTD	23F	24F	23F	24F	23F	24F	23F	24F
S&P 500	4,567	(2.60)	(0.1)	(0.6)	(0.0)	19.0	20.5	18.8	1.2	9.4	4.2	3.8	18.3	18.6	
Euro Stoxx 600	468	1.84	0.4	0.3	1.3	10.1	12.8	12.4	4.5	3.3	1.8	1.7	13.3	13.1	
Japan	32,776	(455.45)	(1.4)	(2.0)	(2.1)	25.6	23.5	18.6	(2.5)	25.8	1.8	1.7	7.6	9.3	
Hang Seng	16,328	(318.19)	(1.9)	(3.0)	(4.2)	(17.5)	8.3	7.6	5.7	9.2	0.9	0.9	10.8	11.1	
MSCI Asia x J	616	0.00	0.0	(0.1)	(0.8)	(0.6)	14.4	12.0	(5.1)	20.3	1.5	1.3	9.9	11.0	
Philippines	6,309	24.58	0.4	1.0	1.4	(3.9)	11.9	10.8	11.6	9.9	1.4	1.3	12.2	12.1	
Indonesia	7,101	7.25	0.1	0.6	0.3	3.7	15.1	13.5	1.5	11.9	0.0	0.0	0.2	0.2	
Malaysia	1,449	(1.56)	(0.1)	(0.5)	(0.2)	(3.1)	14.8	13.2	3.2	11.6	1.3	1.2	8.9	9.4	
Thailand	1,384	0.00	0.0	0.2	0.2	(17.1)	16.5	14.2	(10.9)	16.4	1.3	1.3	8.2	9.4	
Asean 4 - simple avg.		0.1	0.3	0.4	(5.1)	14.6	12.9	1.4	12.4	1.0	1.0	1.0	7.4	7.8	
China	2,972	(50.62)	(1.7)	(2.0)	(1.9)	(3.8)	11.1	9.7	13.5	14.4	1.2	1.1	10.6	11.1	
India	69,296	431.02	0.6	2.7	3.4	13.9	23.3	19.9	18.0	16.8	3.3	2.9	14.0	14.5	
Singapore	3,077	(6.92)	(0.2)	(0.4)	0.1	(5.4)	10.2	9.9	18.8	3.1	1.0	1.0	10.0	10.1	
Taiwan	17,328	(93.47)	(0.5)	(0.6)	(0.6)	22.6	18.5	15.5	(31.2)	19.1	2.3	2.1	12.4	13.5	
Korea	2,494	(20.67)	(0.8)	(0.4)	(1.6)	11.5	15.0	10.0	(27.3)	50.1	0.9	0.8	5.9	8.3	
Others		(0.5)	(0.2)	(0.1)	7.8	15.6	13.0	(1.6)	20.7	1.7	1.6	1.6	10.6	11.5	

### Regional sector movement



\*Regional sector price performances (%) are based on US\$ and Thai sector price performances (%) are based on baht

### Thailand sector movement



### 10 Most active stocks by value

Stock	Price (Bt)	Value (Btmn)	Chg (%)
PTT	35.75	3,496.62	1.42
AOT	60.00	2,066.37	2.56
PTTEP	145.50	1,446.39	(2.02)
ADVANC	221.00	1,333.59	0.91
CPALL	53.25	1,184.95	-
DELTA	76.50	846.39	(1.29)
SCB	100.50	755.77	0.75
CPN	67.50	726.04	(0.74)
KTB	18.50	646.65	1.65
JTS	57.75	628.92	(3.75)

### Top 10 gainers

Stock	Price (Bt)	Value (Btmn)	Chg (%)
CCET	1.91	235.52	26.49
TWZ	0.05	0.37	25.00
AJA	0.19	6.28	18.75
MNIT	2.50	0.73	16.82
NATION	0.07	0.01	16.67
TTA	6.20	574.80	14.81
PSL	9.45	533.05	10.53
RCL	21.60	268.60	9.09
TKC	13.60	79.56	8.80
SINO	1.42	27.38	8.40

### Top 10 losers

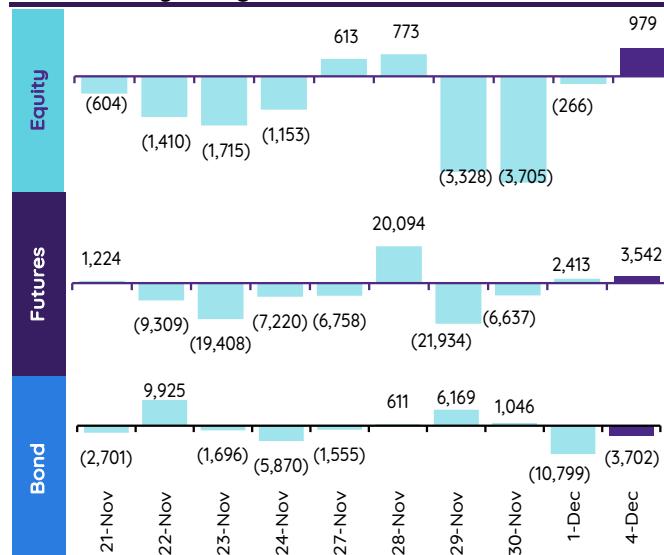
Stock	Price (Bt)	Value (Btmn)	Chg (%)
PPPM	0.05	0.30	(16.67)
COTTO	1.85	4.13	(13.55)
TFI	0.08	0.02	(11.11)
TRITN	0.13	0.65	(7.14)
TRC	0.40	12.14	(6.98)
GLAND	1.86	0.01	(6.53)
SAMART	4.14	5.18	(5.91)
JKN	0.52	15.48	(8.77)
MALEE	9.40	154.20	(7.84)
FANCY	0.40	0.14	(9.09)

## Fund flow monitor

### Regional foreign fund flows to equity

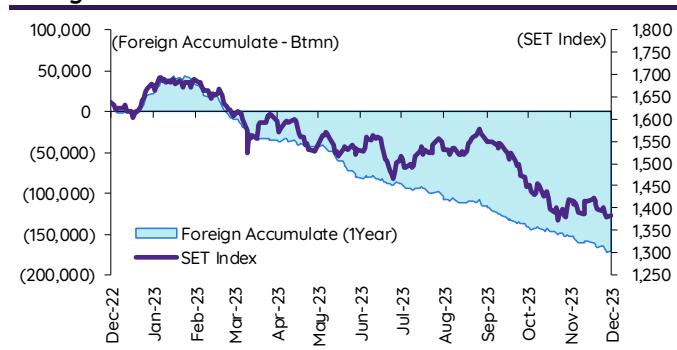
(US\$ Mn)	Thailand	Indonesia	Philippines	Malaysia	Vietnam	India	Taiwan	South Korea	Japan
<b>Daily</b>									
5-Dec-23		(41)	(3)		(56)		(421)	103	
4-Dec-23	28	43	5	(20)	(24)	660	(140)	181	
1-Dec-23	(8)	14	25	24	(13)	686	(20)	(197)	
30-Nov-23	(105)	(17)	(6)	7	(16)	1,169	197	198	
29-Nov-23	(95)	(3)	4	13	(4)	518	449	176	
<b>Weekly</b>									
<b>WTD</b>	<b>28</b>	<b>2</b>	<b>2</b>	<b>(20)</b>	<b>(80)</b>	<b>660</b>	<b>(560)</b>	<b>284</b>	<b>29</b>
1-Dec-23	(168)	38	35	53	(29)	2,587	1,206	178	0
24-Nov-23	(178)	80	18	82	(38)	221	1,567	511	29
17-Nov-23	55	46	(2)	37	(55)	185	4,162	817	1,911
10-Nov-23	(262)	(131)	2	145	(50)	362	698	1,293	2,563
<b>Monthly</b>									
<b>MTD</b>	<b>20</b>	<b>16</b>	<b>27</b>	<b>4</b>	<b>(93)</b>	<b>1,346</b>	<b>(580)</b>	<b>87</b>	<b>0</b>
Nov-23	(548)	(30)	19	332	(159)	2,301	8,361	3,257	6,601
Oct-23	(431)	(496)	(171)	(461)	(112)	(2,657)	(4,957)	(2,497)	19,545
Sep-23	(616)	(263)	(464)	143	(186)	(2,273)	(5,885)	(1,694)	(32,771)
<b>YTD</b>	<b>(5,360)</b>	<b>(820)</b>	<b>(854)</b>	<b>(566)</b>	<b>(709)</b>	<b>15,749</b>	<b>992</b>	<b>7,155</b>	<b>37,284</b>

### Thailand daily foreign net flows

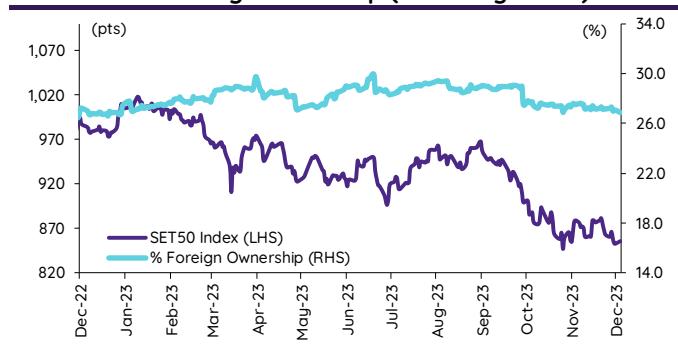


	Equity (Btmn)	SET50 futures (Contract)	SET50 futures (Btmn)*	Bond (Btmn)
<b>Daily</b>				
4-Dec-23	979	3,542	607	(3,702)
<b>Weekly</b>				
<b>WTD</b>	<b>979</b>	<b>3,542</b>	<b>607</b>	<b>(3,702)</b>
1-Dec-23	(5,912)	(12,822)	(2,158)	(4,527)
24-Nov-23	(6,289)	(30,819)	(5,353)	1,041
17-Nov-23	1,985	18,257	3,240	(3,220)
10-Nov-23	(9,343)	(37,634)	(6,552)	13,474
<b>Monthly</b>				
<b>MTD</b>	<b>713</b>	<b>5,955</b>	<b>1,019</b>	<b>(14,500)</b>
Nov-23	(19,379)	(26,810)	(4,491)	16,561
Oct-23	(15,737)	20,871	3,801	16,559
Sep-23	(21,973)	(186,259)	(34,383)	(22,113)
<b>Quarterly</b>				
<b>QTD</b>	<b>(34,403)</b>	<b>16</b>	<b>328</b>	<b>18,619</b>
3Q23	(50,031)	(123,844)	(22,416)	(26,109)
2Q23	(50,263)	(85,648)	(15,901)	(7,364)
1Q23	(56,876)	(107,230)	(22,225)	22,792
4Q22	52,459	106,759	21,545	105,445
<b>YTD</b>	<b>(191,573)</b>	<b>(316,706)</b>	<b>(60,215)</b>	<b>7,938</b>
2022	202,694	80,374	17,729	213,107
2021	(48,578)	46,941	9,422	212,522

### Foreign net flow and SET movement



### SET50 and its foreign ownership (excluding NVDR)



### Foreign buy/sell activity monitor

#### Most foreign holding value change

	Fgn hld (%)	Δ Fgn (M.shares)	Buy* (Btmn)		Fgn hld (%)	Δ Fgn (M.shares)	Sell* (Btmn)
PTT	8.16	2.79	100	CPALL	28.92	(27.32)	(1,455)
CPN	21.03	1.31	89	AOT	7.72	(16.02)	(961)
BEM	7.92	5.94	47	CPALL	28.92	(27.32)	(1,455)
SAWAD	29.66	0.84	37	BDMS	24.98	(27.31)	(717)
GLOBAL	4.18	1.88	31	BGRIM	38.70	(24.67)	(641)
WHA	12.58	3.94	20	SCC	11.06	(1.48)	(434)
BCH	9.76	0.60	13	EGCO	28.98	(3.39)	(431)
SPRC	71.46	1.21	10	PTTEP	13.30	(2.92)	(425)
TRUE	48.87	1.64	9	ADVANC	36.62	(1.69)	(372)
TIDLOR	27.77	0.36	8	KBANK	43.27	(2.31)	(298)

#### Top-5 NVDR net buy/sell

	Buy* (Btmn)	Sell* (Btmn)
PTT	528	CPALL (167)
SCB	433	BANPU (134)
BDMS	163	JTS (116)
KBANK	133	HANA (92)
PSL	126	BBL (91)
KTB	121	PTTEP (88)
TRUE	91	BH (75)
SCC	78	CPN (75)
OR	67	LH (70)
RCL	65	ICHI (59)

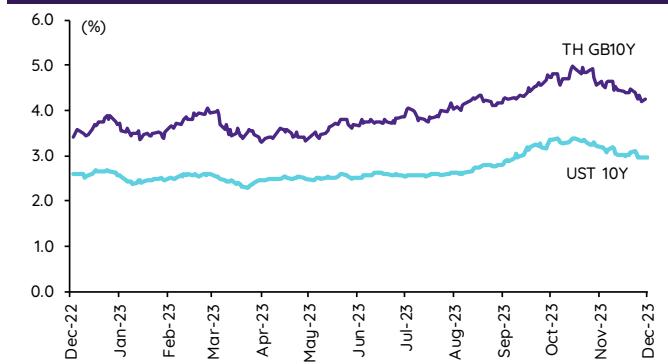
\* InnovestX Research estimates

## Multi-asset price update

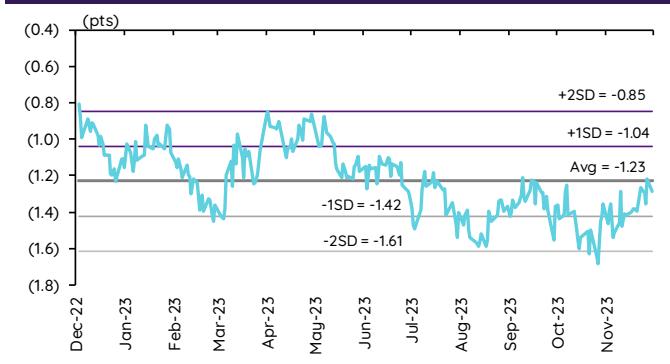
### Key indicator update

	Close	5-Dec	WoW	MoM	YoY	YTD
<b>Financial market condition</b>						
VIX Index	12.85	(1.76)	1.26	(13.70)	(38.07)	(40.70)
Europe CDS (bps)	66.742	0.00	(2.30)	(11.21)	(22.92)	(23.87)
LIBOR OIS Spread (bps)	0	0.00	0.00	0.00	(25.27)	(16.30)
TED Spread (bps)	0.2693	1.61	2.96	5.80	(19.66)	(15.51)
<b>Exchange rate</b>						
Dollar Index	103.96	0.30	1.18	(1.25)	(1.26)	0.45
USD/THB	35.22	0.29	1.44	(0.64)	0.80	2.10
EUR/USD	1.08	(0.36)	(1.81)	0.72	2.94	0.86
USD/JPY	147.08	(0.05)	(0.23)	(1.97)	7.60	12.19
<b>Bond: (Change in basis points)</b>						
TH Gov Bond 2Y	2.44%	0.00	(3.50)	(8.91)	70.26	81.04
TH Gov Bond 10Y	2.97%	0.00	(6.79)	(21.28)	35.81	32.26
US Gov Bond 2Y	4.60%	(3.77)	(10.36)	(32.44)	20.81	16.55
US Gov Bond 10Y	4.17%	(7.09)	(12.12)	(46.87)	58.80	30.15
<b>Commodities</b>						
CRB Index	526.13	(0.60)	(0.56)	(2.19)	(6.23)	(5.16)
Gold (US\$/oz)	2,019.22	(0.45)	(1.04)	2.11	14.24	10.73
Gross Refining Margin (US\$/bbl)	6.48	31.17	19.34	50.70	(22.77)	(38.52)
Dubai Crude (US\$/bbl)	83.56	0.00	0.12	3.20	7.79	8.25
NYMEX Crude (US\$/bbl)	72.32	(0.99)	(5.35)	(10.52)	(5.99)	49.30
Baltic Dry Index (pts)	3,143.00	(6.07)	31.45	106.37	137.57	107.46

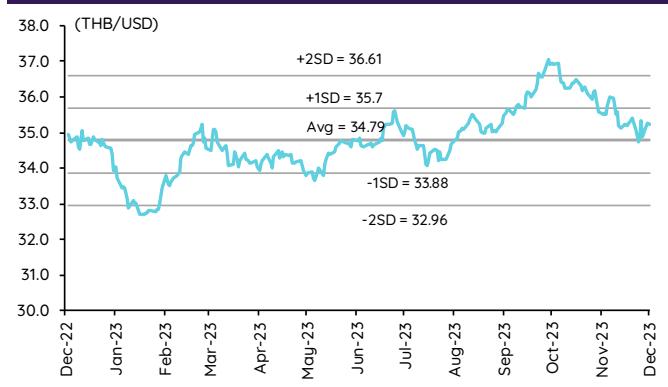
### Thai and US 10-year government bond yield



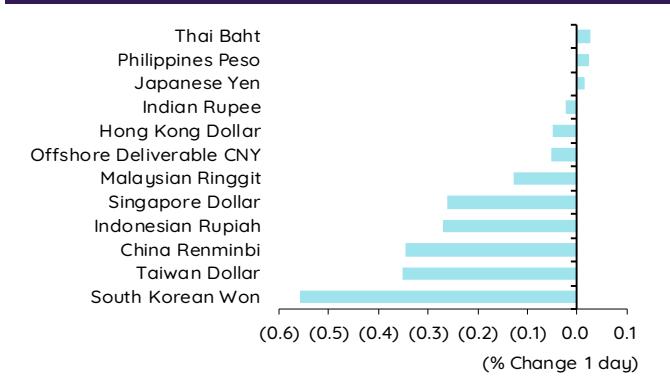
### Thai and US 10-year government bond spread



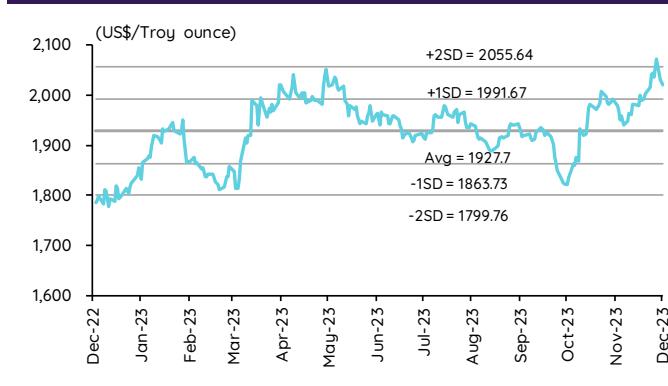
### THB/USD exchange rate



### Regional foreign exchange rate spot return



### Gold



### Brent crude



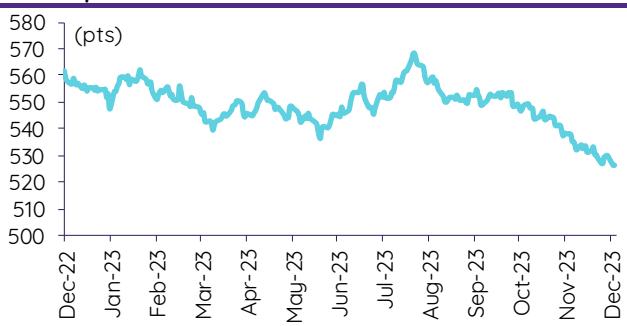
## Commodities daily price update

	As of 5-Dec-23	-1W %	Avg. Price QTD in 4Q23	% QoQ	% YoY	Avg. Price in '22	% YoY	Avg. Price in '23	% YoY	Update
CRB Index	526.13	(0.1)	538.37	(3.0)	(7.0)	592.61	10.66	548.71	(7.4)	Daily
<b>Energy Prices</b>										
Crude Oil - Dubai (US\$/bbl)	78.78	(3.0)	86.54	(0.2)	(11.8)	97.10	41.01	82.30	(15.2)	Daily
Brent Crude (US\$/bbl)	78.04	(2.6)	86.61	(0.1)	(13.9)	101.22	43.68	82.95	(18.1)	Daily
West Texas Int. Cushing (US\$/bbl)	72.32	(3.4)	80.94	(1.5)	(19.6)	94.54	38.91	78.00	(17.5)	Daily
Crude Oil - Asia-Pacific Tapis Oil Spot (US\$/bbl)	84.55	(0.6)	91.45	1.2	(9.1)	107.55	49.75	86.78	(19.3)	Daily
Natural Gas Henry Hub (US\$/mmBTU)	2.69	(8.6)	3.42	(9.1)	(40.8)	5.23	64.22	3.85	(26.5)	Daily
Coal Price NEX (US\$/MT)	127.70	3.9	132.05	(6.4)	(69.1)	364.93	163.91	266.64	92.8	Friday
<b>Oil Product Prices and Gross Refinery Margin</b>										
Gas Oil 500 ppm Sulfer Singapore (US\$/bbl)	97.76	(2.5)	107.70	(3.5)	(19.1)	130.86	68.80	103.58	(20.8)	Daily
Gas Oil - Dubai (US\$/bbl)	18.98	(0.3)	21.16	(15.0)	(39.6)	33.76	289.67	21.27	(37.0)	Daily
Gasoline, 92 RON Spot (US\$/bbl)	97.76	8.3	107.70	(3.5)	(19.1)	130.86	68.80	103.58	(20.8)	Daily
Gasoline - Dubai (US\$/bbl)	18.98	110.5	21.16	(15.0)	(39.6)	33.76	289.67	21.27	(37.0)	Daily
Fuel Oil 180 Singapore Spot (US\$/bbl)	69.67	(0.3)	72.49	(35.0)	(0.7)	80.50	25.12	70.27	(12.7)	Daily
Fuel Oil - Dubai (US\$/bbl)	(9.11)	(19.5)	(14.05)	89.3	(44.1)	-16.60	266.88	(12.03)	(27.5)	Daily
Jet Kerosene - Spot Price (US\$/bbl)	104.01	(0.8)	110.62	(1.8)	(13.3)	126.09	61.69	105.31	(16.5)	Daily
Jet Kerosene - Dubai (US\$/bbl)	25.23	7.1	24.07	(7.1)	(18.2)	28.99	217.81	23.01	(20.6)	Daily
SG Refinery Margin (US\$/bbl)	6.48	19.3	4.70	(50.8)	(33.3)	6.81	94.29	6.81	(36.6)	Daily
<b>Olefins Product Prices and Spread</b>										
Ethylene, FOB Japan Spot (US\$/MT)	850	0.0	861	5.4	(2.7)	1,001	(0.87)	834	(16.7)	Tuesday
Ethylene Spread (US\$/MT)	195	(9.3)	205	511.7	18.1	212	(41.21)	181	(74.5)	Daily
Propylene (Olefins), FOB Japan Spot (US\$/MT)	830	(0.6)	829	3.2	(7.8)	990	(1.54)	851	(14.0)	Tuesday
Propylene Spread (US\$/MT)	175	(12.5)	174	14.2	(7.9)	201	(43.62)	199	(1.1)	Daily
Naphtha - Singapore Spot FOB (US\$/MT)	655	3.2	656	0.7	(7.8)	789	21.57	653	(17.2)	Daily
<b>Polyolefins Prices and Spread</b>										
Polye HDPE SE Asia (US\$/MT)	970	0.0	1,016	1.6	(6.3)	1,180	0.08	1,037	(12.1)	Tuesday
HDPE-Naphtha Spread (US\$/MT)	315	(6.0)	361	185.0	(3.3)	391	(26.21)	384	(1.8)	Daily
Polye LDPE-Film, CFR SE Asia Spot (US\$/MT)	1,000	0.0	1,029	3.8	(22.1)	1,438	(5.75)	1,056	(26.5)	Tuesday
LDPE-Naphtha Spread (US\$/MT)	345	(5.5)	373	184.3	(38.8)	649	(25.97)	404	(37.8)	Daily
PP Film, Spot South East Asia (US\$/MT)	930	0.0	967	1.3	(10.2)	1,174	(9.60)	1,003	(14.6)	Tuesday
PP Spread (US\$/MT)	275	(6.8)	311	2.6	(74.9)	385	(40.73)	350	(9.1)	Daily
<b>MEG Prices and Spread</b>										
MEG, CFR South East Asia (US\$/MT)	495	1.0	485	0.4	(8.5)	585	(13.93)	500	(14.5)	Tuesday
MEG Spread (US\$/MT)	-32	(13.5)	-48	998.0	161.5	-36	(16.71)	-17	n.m.	Tuesday
<b>Aromatics Product Prices and Spread</b>										
Paraxylene, FOB USG Spot (US\$/MT)	1,085	0.9	1,094	(3.9)	(10.2)	1,261	40.96	1,105	(12.3)	Tuesday
Paraxylene Spread (US\$/MT)	419	7.8	363	(10.5)	(7.1)	442	42.51	410	(74)	Tuesday
Paraxylene - 92 RON Spread (US\$/MT)	251	(17.7)	175	(5.8)	112.3	145	(37.99)	222	53.4	Daily
Toluene, FOB Korea Spot (US\$/MT)	845	(0.6)	877	(8.0)	(10.5)	963	32.26	896	(6.9)	Tuesday
Benzene, CFR Japan Spot (US\$/MT)	890	(1.7)	932	2.0	(8.4)	1,057	13.52	920	(13.0)	Tuesday
Benzene Spread (US\$/MT)	302	(8.8)	351	2.5	(14.4)	367	4.38	348	(5.3)	Daily
Benzene - 92 RON Spread (US\$/MT)	56	(58.5)	13	(134.8)	(111.3)	-59	(122.03)	36	(160.9)	Daily
Condensate (US\$/MT)	666	(3.0)	731	(0.2)	(11.7)	818	40.13	696	(15.0)	Daily
<b>PTA Prices and Spread</b>										
PTA, CFR South East Asia (US\$/MT)	765	0.0	784	(3.3)	(11.0)	885	25.47	804	(9.1)	Tuesday
PTA Spread (US\$/MT)	38	(15.0)	51	5.0	(20.6)	40	(62.02)	64	58.5	Tuesday
<b>PVC Prices and Spread</b>										
PVC, CFR South East Asia (US\$/MT)	800	0.0	797	(6.8)	(20.4)	1,152	(20.27)	849	(26.3)	Tuesday
Ethylene Spread (US\$/MT)	605	3.4	591	(17.8)	(28.5)	940	(13.30)	667	(29.0)	Tuesday
Ethylene Dichloride CFR Far East Asia (US\$/MT)	305	7.0	280	3.3	(31.4)	543	(26.02)	291	(46.4)	Tuesday
<b>Metal</b>										
Gold (US\$/Troy Ounce)	2,019	0.3	1,957	1.6	13.3	1,802	0.17	1,937	7.4	Daily
LME Copper 3 Month Rolling Forward (US\$/MT)	8,427	0.6	8,170	(2.7)	5.7	8,805	(5.25)	8,528	(3.1)	Daily
Silver Future (US\$/Troy Ounce)	25	(2.1)	23	(3.5)	n.a.	24	n.a.	24	(0.1)	Daily
China Composite Steel Prices (CNY/MT)	4,279	(0.1)	4,179	1.0	(5.0)	4,770	(12.85)	4,256	(10.8)	Daily
<b>Agriculture Prices</b>										
Malaysian Crude Palm Oil Spot Price(MYR/MT)	3,688	(1.4)	3,686	(3.0)	(7.2)	5,136	15.59	3,847	(25.1)	Daily
SGX Ribbed Smoked Sheet 3 (RSS3) Futures (US\$/KG.)	167	(2.6)	166	9.2	0.8	184	(11.85)	158	(14.1)	Daily
Sugar #11 (US\$/LB)	25	(8.1)	27	7.5	56.0	18	16.35	24	35.0	Daily
<b>Freight Rate</b>										
Baltic Freight Index: BDIY	3,143	39.1	1,937	62.5	17.8	1,931	(33.89)	1,326	(31.3)	Daily
Baltic Supramax Index: BSI58	1,526	18.1	1,239	35.9	(30.7)	2,006	(17.27)	1,000	(50.1)	Daily

Source: Bloomberg Financial LP, TQ Professional, BANPU, BOT, InnovestX Research

## Commodities daily chart update

### CRB US Spot All Commodities Price Index



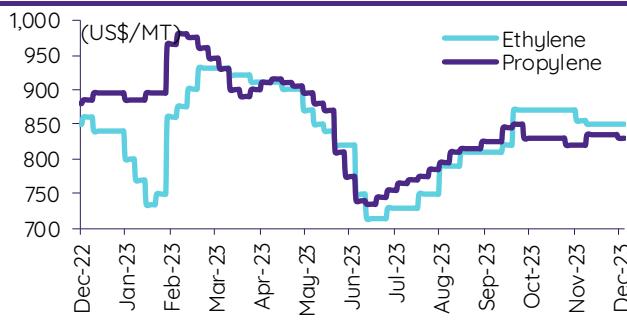
### SG Dubai Hydrocracking Refinery Margin



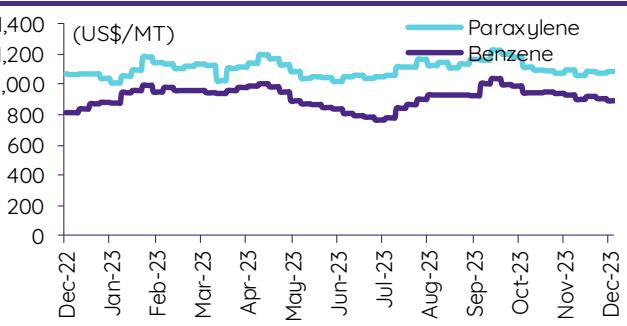
### Coal price (NEX)



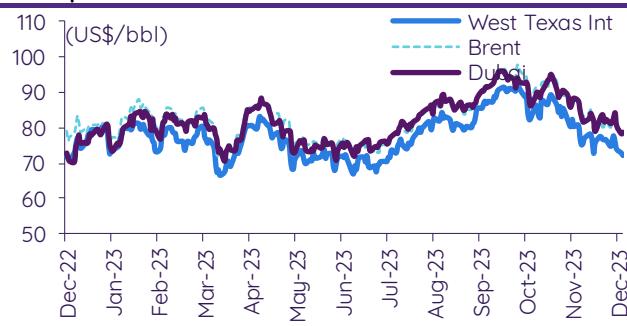
### Olefins prices



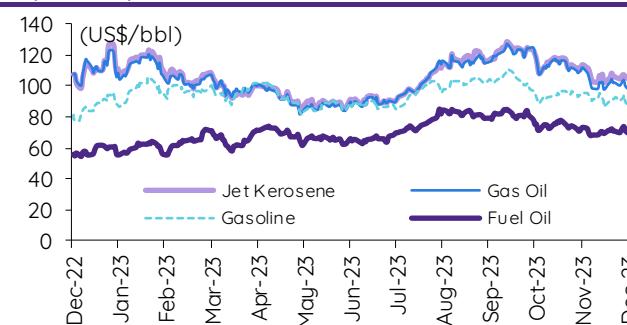
### Aromatics prices



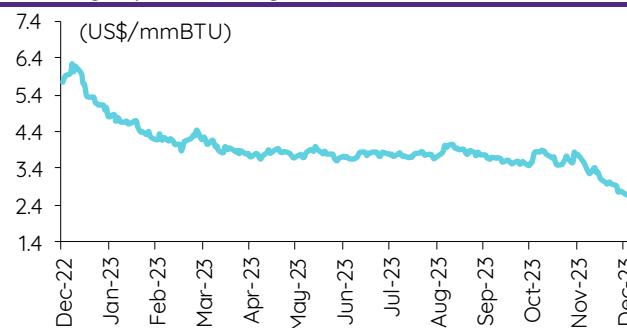
### Crude prices



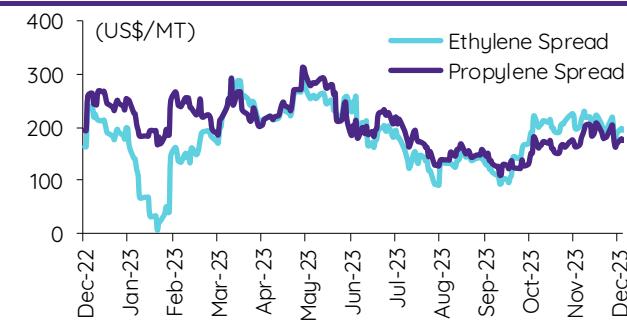
### Oil product prices



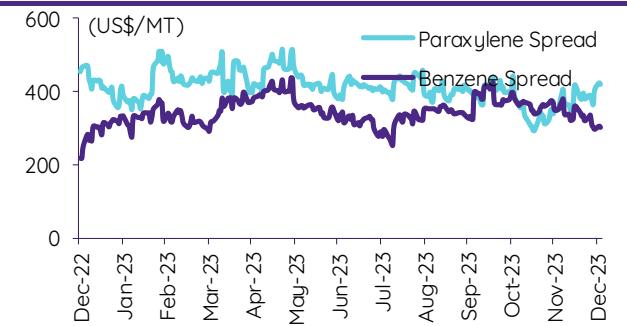
### Natural gas prices (Henry hub)



### Olefins spreads

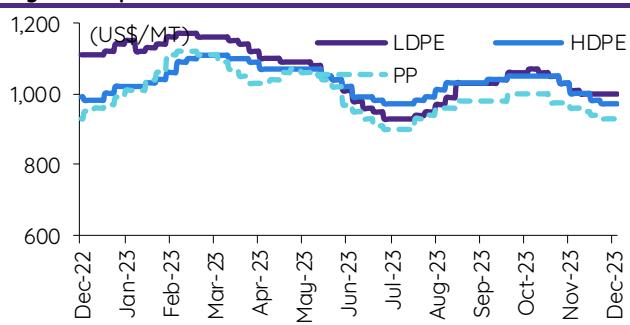


### Aromatics spreads

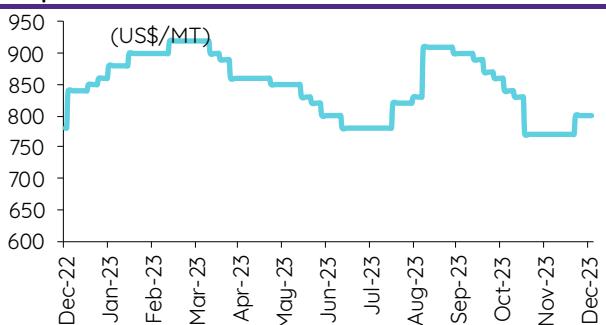


## Commodities daily chart update

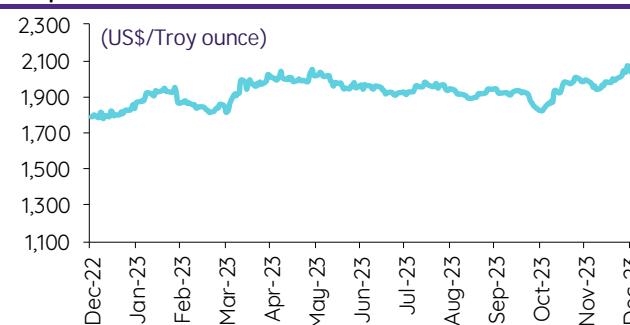
### Polyolefins prices



### PVC price



### Gold price



### Malaysian crude palm oil price

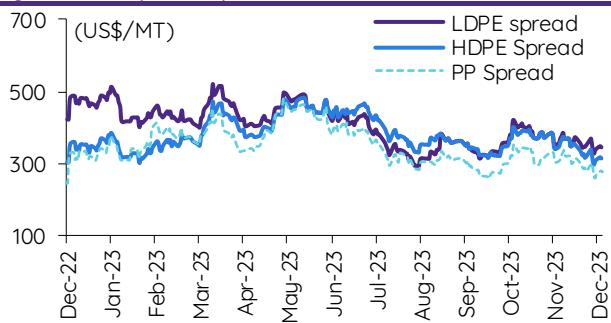


### Steel price index



Source: Bloomberg Financial LP, TQ Professional, BANPU, BOT, InnovestX Research

### Polyolefins-Naphtha spreads



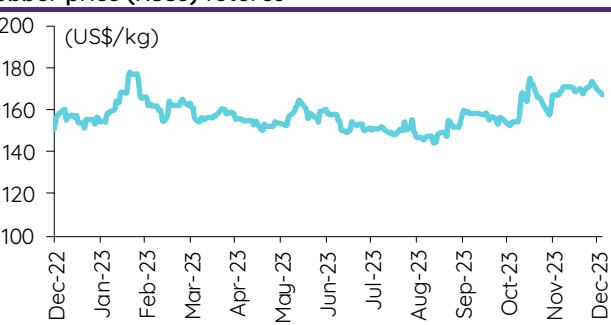
### PVC spread



### LME copper price



### Rubber price (RSS3) futures



### Baltic freight index



## Short sales

	Volume (Shares)	Turnover (Bt)	Average price (Bt)	Last price 4-Dec-23	Gap between last close and short	Short sale volume comparing with main board
HK01	36,205	545,187	15.06	0.05	27,833.89	92.65
BLA	359,600	7,140,800	19.86	19.80	0.29	36.56
AWC-R	6,795,900	25,196,340	3.71	3.68	0.75	22.95
TOP	524,300	26,949,950	51.40	51.50	(0.19)	17.69
CPN-R	1,856,700	126,215,875	67.98	67.50	0.71	17.37
QH	700,400	1,526,872	2.18	2.18	0.00	17.15
MBK	95,600	1,481,800	15.50	15.50	0.00	17.02
HMPRO	1,232,900	14,548,220	11.80	11.70	0.85	16.73
GFPT	350,500	3,688,710	10.52	10.50	0.23	16.70
IVL	1,995,700	50,237,875	25.17	25.25	(0.30)	16.02
BH	248,200	54,832,000	220.92	220.00	0.42	15.80
OSP	1,857,100	41,999,910	22.62	22.50	0.51	15.64
DELTA-R	1,691,300	129,481,000	76.56	76.50	0.07	15.33
AH	211,100	5,688,725	26.95	27.00	(0.19)	15.00
LH-R	6,502,100	49,354,215	7.59	7.60	(0.12)	14.84
BJC-R	493,300	12,656,525	25.66	25.75	(0.36)	14.68
CK	70,200	1,459,850	20.80	21.10	(1.44)	14.61
SYNEX	56,500	564,490	9.99	10.00	(0.09)	14.59
ERW	1,885,800	9,623,400	5.10	5.10	0.06	14.37
SISB-R	78,600	2,454,600	31.23	31.25	(0.07)	14.21
III	153,000	1,547,050	10.11	10.10	0.11	13.87
CPF	1,003,800	19,119,890	19.05	19.30	(1.31)	13.79
TTW	446,200	3,951,185	8.86	8.80	0.63	13.64
TLI-R	947,100	9,106,230	9.61	9.60	0.15	13.63
BANPU-R	8,824,200	65,572,170	7.43	7.45	(0.26)	13.53
MAJOR-R	266,600	4,078,980	15.30	15.40	(0.65)	13.17
SCGP-R	739,900	28,824,575	38.96	38.75	0.54	13.02
GPSC-R	933,000	43,363,075	46.48	46.25	0.49	12.88
PLANB	1,664,400	14,066,195	8.45	8.25	2.44	12.79
CBG-R	499,000	41,141,925	82.45	82.25	0.24	12.66
TIDLOR-R	944,900	21,561,300	22.82	22.70	0.52	12.63
CRC-R	355,800	13,780,050	38.73	38.75	(0.05)	12.60
M	63,900	2,501,575	39.15	39.50	(0.89)	12.34
EA-R	642,200	28,764,200	44.79	44.75	0.09	12.03
BBL	281,000	42,165,000	150.05	150.00	0.04	12.00
LANNA	41,900	621,500	14.83	14.90	(0.45)	11.97
SIRI	5,250,600	8,855,721	1.69	1.68	0.39	11.93
SCGP	673,700	26,360,925	39.13	38.75	0.98	11.85
BCPG	325,400	2,867,320	8.81	8.85	(0.43)	11.63
AMATA	325,600	8,306,500	25.51	25.50	0.04	11.50
BEAUTY	152,900	70,334	0.46	0.45	2.22	11.39
MINT	1,548,000	41,836,925	27.03	26.75	1.03	11.31
LH	4,836,200	36,784,425	7.61	7.60	0.08	11.04
SAWAD	482,100	21,328,175	44.24	44.00	0.55	10.98
BTG	137,800	3,240,560	23.52	23.40	0.50	10.97
SAPPE-R	70,200	5,147,400	73.32	73.00	0.44	10.95
BH-R	172,000	37,908,300	220.40	220.00	0.18	10.95
ADVANC-R	659,500	145,703,300	220.93	221.00	(0.03)	10.92
TCAP	141,500	6,835,050	48.30	48.25	0.11	10.79
AAV	1,667,200	3,236,735	1.94	1.94	0.07	10.54
CPALL	2,290,200	122,438,900	53.46	53.25	0.40	10.46
HTC	45,700	722,060	15.80	15.70	0.64	10.30
MINT-R	1,407,400	37,783,925	26.85	26.75	0.36	10.28
LALIN	7,700	61,215	7.95	7.95	0.00	10.19
INTUCH-R	217,000	15,417,050	71.05	70.75	0.42	9.95
HMPRO-R	731,400	8,601,110	11.76	11.70	0.51	9.93
WHA	3,360,300	17,064,120	5.08	5.10	(0.43)	9.76
GUNKUL	2,276,500	5,898,086	2.59	2.60	(0.35)	9.75
BANPU	6,348,900	47,296,095	7.45	7.45	(0.01)	9.73
SUPEREIF	42,300	273,590	6.47	6.40	1.06	9.73
TTB	14,653,300	22,737,308	1.55	1.55	0.11	9.64
TU	2,448,900	36,515,380	14.91	15.10	(1.25)	9.60
SSP	25,700	186,325	7.25	7.25	0.00	9.51
IRPC	2,245,400	4,476,755	1.99	1.99	0.19	9.47
ADVANC	563,600	124,450,000	220.81	221.00	(0.08)	9.33
SPALI	331,900	5,906,570	17.80	17.80	(0.02)	9.27
AWC	2,728,600	10,096,184	3.70	3.68	0.55	9.22
AEONTS-R	4,300	666,200	154.93	156.00	(0.69)	9.21
BCP	283,500	12,227,925	43.13	43.00	0.31	9.13
CPAXT	319,300	8,461,200	26.50	26.25	0.95	9.11
BPP	31,600	456,900	14.46	14.60	(0.97)	9.05
PTT	8,847,000	313,084,450	35.39	35.75	(1.01)	9.02
BDMS	1,875,200	48,977,825	26.12	26.25	(0.50)	8.96
KCE	419,700	22,998,825	54.80	54.50	0.55	8.91
VGI	2,581,700	5,124,886	1.99	1.93	2.85	8.84
GULF	506,800	22,902,550	45.19	45.75	(1.22)	8.81
QH-R	357,900	780,222	2.18	2.18	0.00	8.76
HKCE01	741	12,892	17.40	0.05	34,819.95	8.72
RATCH	682,700	21,284,425	31.18	31.25	(0.23)	8.66
KTC	294,200	13,813,675	46.95	47.25	(0.63)	8.35
BA-R	169,900	2,432,730	14.32	14.40	(0.57)	8.20
ICHI-R	1,160,000	16,691,500	14.39	14.10	2.05	8.15
PRM	812,400	4,113,185	5.06	5.30	(4.47)	8.02
AMATAV	4,000	22,600	5.65	5.50	2.73	7.91
CKP	107,500	342,650	3.19	3.20	(0.39)	7.77
STA	192,400	2,895,650	15.05	15.10	(0.33)	7.67
GPSC	554,400	25,794,750	46.53	46.25	0.60	7.65

	Volume (Shares)	Turnover (Bt)	Average price (Bt)	Last price 4-Dec-23	Gap between last close and short	Short sale volume comparing with main board
TASCO	487,700	7,956,620	16.31	16.20	0.71	7.59
TLI	522,000	5,023,690	9.62	9.60	0.25	7.51
SPRC-R	988,500	7,934,865	8.03	8.10	(0.90)	7.47
TQM	35,000	987,725	28.22	28.25	(0.10)	7.46
BTS	350,000	2,510,000	7.17	7.15	0.30	7.45
TIPH	66,500	1,986,050	29.87	30.00	(0.45)	7.33
BJC	243,400	6,247,700	25.67	25.75	(0.32)	7.24
SINGER	1,206,900	14,941,520	12.38	12.20	1.48	7.10
CPN	751,500	51,147,250	68.06	67.50	0.83	7.03
ORI	253,400	2,201,750	8.69	8.60	1.03	7.01
SPALI-R	248,400	4,420,100	17.79	17.80	(0.03)	6.94
KTB	2,396,600	43,733,280	18.25	18.50	(1.36)	6.81
JMART-R	956,100	17,049,480	17.83	17.70	0.75	6.77
CV	46,500	23,250	0.50	0.51	(1.96)	6.67
SISB	36,700	1,149,225	31.31	31.25	0.20	6.64
NRF	196,200	1,059,480	5.40	5.40	0.00	6.62
BTG-R	83,100	1,945,670	23.41	23.40	0.06	6.61
ROJNA	119,300	697,905	5.85	5.85	0.00	6.58
TPIPL	371,500	509,075	1.37	1.37	0.02	6.56
SUPER	689,700	289,674	0.42	0.42	(0.00)	6.52
PTTGC	244,300	9,433,300	38.61	38.75	(0.35)	6.51
STA-R	162,900	2,462,480	15.12	15.10	0.11	6.50
BAM	421,000	3,512,650	8.34	8.30	0.53	6.40
CPALL-R	1,386,700	74,082,075	53.42	53.25	0.33	6.33
AP	440,400	4,716,800	10.71	10.70	0.10	6.32
TVO	19,200	405,120	21.10	21.10	0.00	6.15
SABINA	29,000	761,250	26.25	26.00	0.96	6.10
SCC	95,000	27,836,400	293.01	294.00	(0.34)	6.06
M-R	31,200	1,221,300	3914	39.50	(0.90)	6.03
JMT	702,100	18,991,275	27.05	27.00	0.18	6.01
DUSIT	42,700	309,725	7.25	7.20	0.74	5.95
SAWAD-R	260,900	11,504,775	44.10	44.00	0.22	5.94
PTTGC-R	218,500	8,431,375	38.59	38.75	(0.42)	5.82
MC	182,400	2,028,510	11.12	11.00	1.10	5.79
SC	266,000	819,866	3.08	3.06	0.73	5.78
SAT	22,500	395,690	17.59	17.60	(0.08)	5.77
BAY	46,000	1,276,500	27.75	27.75	0.00	5.76
AMATA-R	160,200	4,070,550	25.41	25.50	(0.36)	5.66
EKH-R	118,400	849,425	7.17	7.15	0.34	5.59
AOT-R	1,926,800	115,394,550	59.89	60.00	(0.18)	5.58
MBK-R	31,300	485,150	15.50	15.50	0.00	5.57
BLA-R	54,700	1,086,160	19.86	19.80	0.29	5.56
BCH	238,000	5,094,850	21.41	21.40	0.03	5.52
TTW-R	179,400	1,586,080	8.84	8.80	0.47	5.48
KTC-R	191,200	8,960,275	46.86	47.25	(0.82)	5.43
MAJOR	109,400	1,673,080	15.29	15.40	(0.69)	5.40
TOA-R	47,600	1,014,250	21.31	21.20	0.51	5.40
KKP	84,400	4,066,100	48.18	48.75	(1.18)	5.40
SAK	79,000	320,298	4.05	4.10	(1.11)	5.31
TOP-R	157,300	8,080,425	51.37	51.50	(0.25)	5.31
TRUE	2,492,800	13,946,180	5.59	5.60	(0.10)	5.25
TIDLOR	387,000	8,833,970	22.83	22.70	0.56	5.17
GULF-R	294,700	13,461,725	45.68	45.75	(0.15)	5.12
CRC	143,400	5,553,000	38.72	38.75	(0.07)	5.08
COM7	639,500	14,326,370	22.40	22.40	0.01	5.04
CPF-R	364,400	6,953,640	19.08	19.30	(1.13)	5.01
ETC	22,700	61,744	2.72	2.74	(0.73)	5.00
NER	97,700	448,790	4.59	4.58	0.30	4.92
KBANK	211,700	27,416,900	129.51	129.00	0.39	4.86
OR-R	538,400	10,969,020	20.37	20.30	0.36	4.84
DCC	106,600	163,691	1.54	1.54	(0.29)	4.84
BA	99,800	1,422,560	14.25	14.40	(1.01)	4.81
MEGA	51,700	2,052,250	39.70	40.00	(0.76)	4.78
IRPC-R	1,129,400	2,236,212	1.98	1.99	(0.50)	4.77
AIT	44,500	175,330	3.94	3.94	0.00	4.72
VGI-R	1,357,800	2,661,219	1.96	1.93	1.55	4.65
SPRC	604,800	4,858,900	8.03	8.10	(0.82)	4.57
TEAMG	39,100	191,296	4.89	4.86	0.67	4.57
ITC-R	138,700	2,892,670	20.86	20.90	(0.21)	4.54
PLANB-R	590,800	4,989,570	8.45	8.25	2.37	4.54
BDMS-R	948,000	24,866,975	26.23	26.25	(0.07)	4.53
BCP-R	140,400	6,060,950	43.17	43.00	0.39	4.52
TISCO	133,800	13,060,450	97.61	97.25	0.37	4.51
TVO-R	14,000	295,400	21.10	21.10	0.00	4.48
HANA	424,200	19,599,975	46.20	45.50	1.55	4.48
NSL	6,400	119,400	18.66	18.70	(0.23)	4.45
PRM-R	450,300	2,331,471	5.18	5.30	(2.31)	4.44
SJWD	55,500	799,990	14.41	14.30	0.80	4.42
CHAYO	63,600	350,115	5.50	5.45	1.01	4.33
EA	229,800	10,337,225	44.98	44.75	0.52	4.31
SHR	327,600	812,526	2.48	2.44	1.65	4.28
CENTEL-R	129,100	5,433,450	42.09	42.25	(0.39)	4.28
RBF	212,900	2,831,180	13.30	13.20	0.74	4.26
BRI	47,500	403,135	8.49	8.40	1.04	4.24
CKP-R	57,800	184,496	3.19	3.20	(0.25)	4.18

Source: SET, InnovestX Research

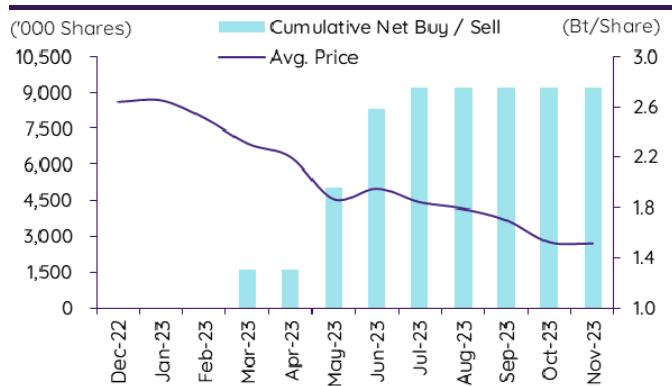
## Director trade

### 1. Director trade as reported on December 4, 2023.

Company	Name of Director	Product	Transaction date	Amount (Shares)	Average Price (Bt)	Amount (Bt)	Buy/Sell
ACE	Mr. TEERAWUT SONGMETTA	Common Share	04-12-23	500,000	1.47	735,000	Purchase
AS	Mr. PRAMOTH SUDJITPORN	Common Share	30-11-23	285,000	7.62	2,171,700	Purchase
AS	Mr. PRAMOTH SUDJITPORN	Common Share	04-12-23	290,000	7.80	2,262,000	Purchase
BGC	Mr. WISAL LAORSATIANGUL	Common Share	04-12-23	5,000	8.05	40,250	Purchase
BGC	Mr. WISAL LAORSATIANGUL	Common Share	04-12-23	3,400	8.00	27,200	Purchase
IP	Mr. TRINNAWAT THANITNITHIPHAN	Common Share	04-12-23	120,000	8.73	1,047,600	Purchase
MICRO	Mrs. ROTSANAN YINGTHAWEESAK	Common Share	01-12-23	27,000	1.98	53,460	Purchase
MICRO	Mrs. ROTSANAN YINGTHAWEESAK	Common Share	04-12-23	50,000	1.95	97,500	Purchase
PEACE	Mr. PISIT PUNJAKUNAPORN	Common Share	04-12-23	45,000	3.26	146,700	Purchase
SFLEX	Mr. PRINTHORN APITHONASARIWONG	Common Share	04-12-23	400,000	3.43	1,372,000	Purchase
SINO	Mr. NANMANUS WITTHAYASAKPANT	Common Share	04-12-23	156,800	1.43	224,224	Purchase
SINO	Mr. NANMANUS WITTHAYASAKPANT	Common Share	04-12-23	43,200	1.44	62,208	Purchase
SINO	Mr. NANMANUS WITTHAYASAKPANT	Common Share	04-12-23	200,000	1.43	286,000	Purchase
TAN	Mr. TANAPONG CHIRAPANIDCHAKUL	Common Share	04-12-23	300,000	14.14	4,242,000	Purchase
TNITY	Mr. SORAYOUTH PROMPOJ	Common Share	04-12-23	19,200	4.50	86,400	Sale
WFX	Miss CHALONGKWAN WONGSASUTHIKUL	Common Share	04-12-23	2,700	2.04	5,508	Purchase
WFX	Miss CHALONGKWAN WONGSASUTHIKUL	Common Share	04-12-23	50,000	2.06	103,000	Purchase
				Total		12,876,350	
				Purchase		86,400	
				Sale			
				Net		12,789,950	

### 2. 12-month cumulative net buy/sell for InnovestX-covered stocks with activity as of last close

ACE



## Corporate calendar

Monday	Tuesday	December Wednesday	Thursday	Friday
4	5 H.M. King Bhumibol Adulyadej The Great's Birthday National Day / Father's Day	6 XD NVDA80X Bt- PROSPECT Bt0.22 SIA19 Bt- PD DCC Bt0.017 GUNKUL Bt0.06 ICHI Bt0.5 Share listing CIG 55,555,556 Shares DHOUSE 66,666,660 Shares	7 PD AMA Bt0.15 CPNREIT Bt0.257 INETREIT Bt0.2007 KTBSTMR Bt0.1765 SFLEX Bt0.045 TAN Bt0.5 TKN Bt0.1	8 XD AOT Bt0.36 PD AKR Bt0.015 BKI Bt3.75 DIF Bt0.2264 DMT Bt0.35 EPG Bt0.12 ICN Bt0.15 IMPACT Bt0.1 KUN Bt0.055 LHK Bt0.14 LPH Bt0.03 PSL Bt0.05 SAAM Bt0.06 SPC Bt0.6 SUPEREIF Bt0.0295 TNR Bt0.25 TPRIMIE Bt0.1028 TRP Bt0.1 WHA Bt0.0669
11 stitution for stitution Day	12 XD GVREIT Bt0.1911 TFFIF Bt0.1057 XR CHO 1:27 @Bt0.22 PD BA Bt0.5 B-WORK Bt0.075754 FUTUREPF Bt0.2095 GFC Bt0.15 KAMART Bt0.09 TIPCO Bt0.11 WHABT Bt0.175 WHART Bt0.259	13 XD ABFTB Bt12 HPF Bt0.04 JAS Bt0.6 LHSC Bt0.165 M-II Bt0.155 MINIT Bt0.027 MINIT2 Bt0.045 M-STOR Bt0.1 QHPF Bt0.125 TSTE Bt0.06 UV Bt0.09 PD AAPL80X Bt0.00452 AIMCG Bt0.08 AIMIRT Bt0.223 APURE Bt0.15 BGC Bt0.06 HANA Bt0.5 SMD Bt0.15 SPI Bt0.2 SRS Bt0.13125	14 PD IVL Bt0.25 LHPF Bt0.07 PRM Bt0.1 QHHR Bt0.15	15 PD AMATAR Bt0.16 BKCKP Bt0.15 BOFFICE Bt0.1458 TIF1 Bt0.135
18	19 PD CPTGF Bt0.1836 EGATIF Bt0.0839 KBSPIF Bt0.244 TTLPF Bt0.444	20 XD BABA80 Bt- XW GIFT 3:1 XE AIT-W2 1:1 @Bt2 NOBLE-W2 1:1053 @Bt7.597 SOLAR-W1 1:1 @Bt2 PD TNH Bt0.6 WHAIR Bt0.1369	21 XR HYDRO 1.5:1 @Bt0.30 XW HYDRO 2:1 PD MJLF Bt0.129 PROSPECT Bt0.22 RJH Bt0.25	22 PD ALLY Bt0.16
25	26 XE TWZ-W6 1:1 @Bt0.1 TWZ-W7 1:1 @Bt0.1 PD JAS Bt0.6	27 XW META 4:4 PD ABFTB Bt12 HPF Bt0.04 LVMH01 Bt- MINIT Bt0.027 MINIT2 Bt0.045 M-STOR Bt0.1 TSTE Bt0.06	28 PD LHSC Bt0.165 M-II Bt0.155 QHPF Bt0.125 TFFIF Bt0.1057	29 Substitution for New Year's Eve (Sunday 31st December 2023)
Monday	Tuesday	January Wednesday	Thursday	Friday
1 New Year's Day	2	3 XW MACO 4:1 PD SIA19 Bt-	4 XW RS 10:1	5
8 PD NETEASE80 Bt-	9	10	11	12

XD - Cash Dividend  
XD(ST) - Stock Dividend

PD - Payment Date  
XR - Rights for Common

XW - Rights for Warrant  
XT - Rights for Transferable Subscription Right

XE - Warrant Exercise  
CW - Capital write-down

SP - Suspension

#### Disclaimer

The information in this report has been obtained from sources believed to be reliable. However, its accuracy or completeness is not guaranteed. Any opinions expressed herein reflect our judgment at this date and are subject to change without notice. This report is for information only. It is not to be construed as an offer, or solicitation of an offer to sell or buy any securities. We accept no liability for any loss arising from the use of this document. We or our associates may have an interest in the companies mentioned therein.

InnovestX Securities Company Limited ("INVX") is wholly owned by SCB X Public Company Limited ("SCBX") and The Siam Commercial Bank Public Company Limited ("SCB") is majority-owned by SCBX. Any information related to SCB is for sector comparison purpose.

This document is prepared by InnovestX Securities Company Limited ("INVX") which is wholly-owned by SCB X Public Company Limited ("SCBX"). The Siam Commercial Bank Public Company Limited, which is majority-owned by SCBX, acts as financial advisor of the SCG Chemicals Public Company Limited (SCGC). Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the "Information") is provided as general information purposes only and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. INVX and/or its directors, officers and employees shall not be liable for any direct, indirect, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and INVX cannot guarantee the accuracy, completeness and/or correctness of the Information.

This document is prepared by InnovestX Securities Company Limited ("INVX") which is wholly-owned by SCB X Public Company Limited ("SCBX"). The Siam Commercial Bank Public Company Limited, which is majority-owned by SCBX, acts as financial advisor of the Big C Retail Company Limited (BRC), a subsidiary of Berli Jucker Public Company Limited. Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the "Information") is provided as general information purposes only and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. INVX and/or its directors, officers and employees shall not be liable for any direct, indirect, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and INVX cannot guarantee the accuracy, completeness and/or correctness of the Information.

This document is prepared by InnovestX Securities Company Limited ("INVX") which is wholly owned by SCB X Public Company Limited ("SCBX"). The Siam Commercial Bank Public Company Limited, which is majority-owned by SCBX, acts as financial advisor of the LH Hotel Leasehold Real Estate Investment Trust. Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the "Information") is provided as general information purposes only and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. INVX and/or its directors, officers and employees shall not be liable for any direct, indirect, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and INVX cannot guarantee the accuracy, completeness and/or correctness of the Information.

INVX reserves the right to modify the Information from time to time without notice and in its sole discretion. This document is delivered to intended recipient(s) only and is not permitted to reproduce, retransmit, disseminate, sell, distribute, republish, circulate or commercially exploit the Information in any manner without the prior written consent of INVX.

Futures and Options trading carry a high level of risk with the potential for substantial losses, and are not suitable for all persons. Before deciding to trade Futures and Options, you should carefully consider your financial position, investment objectives, level of experience, and risk appetite if Futures and Options trading are appropriate. The possibility exists that you could sustain a loss of some or all of your initial investment. You should be aware of all the risks associated with Futures and Options trading, and you are advised to rely on your own judgment while making investment decision and/or should seek advice from professional investment advisor if you have any doubts.

This document is delivered to intended recipient(s) only and is not permitted to reproduce, retransmit, disseminate, sell, distribute, republish, circulate or commercially exploit the Information in any manner without the prior written consent of INVX.

© Copyright 2022 InnovestX Securities Co., Ltd. All right reserved.

## CG Rating 2023 Companies with CG Rating Companies with Excellent CG Scoring

7UP, AAV, ABM, ACE, ACG, ADB, ADD, ADVANC, AEONTS, AF, AGE, AH, AHC, AIRA, AIT, AJ, AKP, AKR, ALLA, ALT, AMA, AMARIN, AMATA, AMATAV, ANAN, AOT, AP, APCO, APCS, ARIP, ARROW, ASEFA, ASK, ASP, ASW, ATP30, AUCT, AWC, AYUD, B, BA, BAFS, BAM, BANPU, BAY, BBGI, BBL, BC, BCH, BCP, BCPG, BDMS, BEC, BEM, BEYOND, BGC, BGRIM, BH, BIZ, BJC, BJCHI, BKI, BLA, BOL, BPP, BRI, BROOK, BRR, BTS, BTW, BWG, BYD, CBG, CENTEL, CFRESH, CHASE, CHEWA, CHG, CHOW, CMBT, CIVIL, CK, CKP, CM, CNT, COLOR, COM7, COTTO, CPALL, CPAXT, CPF, CPI, CPL, CPN, CPW, CRC, CRD, CSC, CSS, CV, DCC, DDD, DELTA, DEMCO, DMT, DOHOME, DRT, DUSIT, EA, EASTW, ECF, ECL, EE, EGCO, EPG, ERW, ETC, ETE, FE, FLOYD, FN, FPI, FPT, FSX, FVC, GBX, GC, GCAP, GENCO, GFPT, GGC, GLAND, GLOBAL, GPSC, GRAMMY, GULF, GUNKUL, HANA, HARN, HENG, HMPRO, HPT, HTC, ICC, ICHI, ICN, III, ILINK, ILM, IMH, IND, INET, INTUCH, IP, IRC, IRPC, ITC, ITEL, IVL, JAS, JTS, KBANK, KCC, KCE, KEX, KKP, KSL, KTB, KTC, KTMS, KUMWEL, KUN, LALIN, LANNA, LH, LHFG, LIT, LOXLEY, LPN, LRH, LST, M, MAJOR, MALEE, MATCH, MBK, MC, M-CHAI, MCOT, MEGA, MFC, MFEC, MILL, MINT, MONO, MOONG, MSC, MST, MTC, MTI, NC, NCH, NCL, NDR, NER, NKI, NOBLE, NRF, NTV, NWR, NYT, OCC, OISHI<sup>1</sup>, ONEE, OR, ORI, OSP, OTO, PAP, PATO, PB, PCSGH, PDG, PDJ, PG, PHOL, PIMO, PJW, PLANB, PLAT, PLUS, PM, POLY, PORT, PPP, PPS, PR9, PRG, PRINC, PRTR, PSH, PSL, PT, PTC, PTT, PTTEP, PTTGC, Q-CON, QH, QTC, RATCH, RBF, RPH, RS, RT, S, S&J, SA, SABINA, SAK, SAMART, SAMTEL, SAPPE, SAT, SBNEXT, SC, SCB, SCC, SCGG, SCM, SDC, SEAFCO, SEAOL, SECURE, SELIC, SENA, SENX, SFP<sup>2</sup>, SFT, SGC, SGF, SGP, SHR, SICT, SIRI, SIS, SITHAI, SJWD, SKR, SM, SMPC, SMT, SNC, SNNP, SNP, SO, SPALI, SPC, SPCG, SPI, SPRC, SR, SSC, SSF, SSSC, STA, STC, STEC, STGT, STI, SUC, SUN, SUSCO, SUTHA, SVI, SVT, SYMC, SYNTEX, TACC, TAE, TCAP, TCMC, TEAMG, TEGH, TFG, TFMAMA, TGE, TGH, THANA, THANI, THCOM, THIP, THRE, THREL, TIDLOR, TIPH, TISCO, TK, TKN, TKS, TKT, TLI, TM, TMD, TMT, TNDT, TNITY, TNL, TNR, TOA, TOG, TOP, TPBI, TPCS, TPIPL, TPIPP, TPS, TQM, TQR, TRT, TRUE, TRV, TSC, TSTE, TSTH, TTA, TTB, TTCL, TTW, TURTLE, TVDH, TVH, TVO, TVT, TWPC, UAC, UBE, UBIS, UKEM, UP, UPF, UPOIC, UV, VCOM, VGI, VIBHA, VIH, VL, WACOAL, WGE, WHA, WHAUP, WICE, WINMED, WINNER, XPG, YUASA, ZEN

## Companies with Very Good CG Scoring

2S, A5, AAI, AIE, ALUCON, AMR, APURE, ARIN, AS, ASIA, ASIAN, ASIMAR, ASN, AURA, BR, BSBM, BTG, CEN, CGH, CH, CHIC, CI, CIG, CMC, COMAN, CSP, DOD, DPAINT, DV8, EFORL, EKH, ESSO, ESTAR, EVER, FORTH, FSMART, FTI, GEL, GPI, HEALTH, HUMAN, IFS, INSET, IT, J, JCKH, JDF, JKN, JMART, JUBILE, K, KCAR, KGI, KIAT, KISS, KK, KTIS, KWC, KWM, LDC, LEO, LHK, MACO, METCO, MICRO, MK, MVP, NCAP, NOVA, NTSC, PACO, PIN, PQS, PREB, PRI, PRIME, PROEN, PROS, PROUD, PSTC, PTECH, PYLON, RCL, SALEE, SANKO, SCI, SCN, SE, SE-ED, SFLEX, SINGER, SKN, SONIC, SORKON, SPVI, SSP, SST, STANLY, STP, SUPER, SVOA, SWC, TCC, TEKA, TFM, TMILL, TNP, TPLAS, TPOLY, TRC, TRU, TRUBB, TSE, VRANDA, WAVE, WFX, WIIK, WIN, WP, XO

## Companies with Good CG Scoring

24CS, AMANAH, AMARC, AMC, APP, ASAP, BCT, BE8, BIG, BIOTEC, BLESS, BSM, BVG, CAZ, CCET, CHARAN, CHAYO, CHOTI, CITY, CMAN, CMR, CRANE, CWT, DHOUSE, DTCTENT, EASON, FNS, FTE, GIFT, GJS, GTB, GTV, GYT, HL, HTECH, HYDRO, IIG, INGRS, INSURE, IRCP, ITD, ITNS, JCK, JMT, JR, JSP, KBS, KGEN, KJL, L&E, LEE, MASTER, MBAX, MEB, MENA, META, MGT, MITSIB, MJD, MOSHI, MUD, NATION, NNCL, NPK, NSL, NV, OGC, PAF, PCC, PEACE, PICO, PK, PL, PLANET, PLE, PMTA, PPM, PRAKIT, PRAPAT, PRECHA, PRIN, PSG, RABBIT, READY, RJH, RSP, RWI, S11, SAAM, SAF, SAMCO, SAWAD, SCAP, SCP, SIAM, SKE, SKY, SMART, SMD, SMIT, SOLAR, SPA, STECH, STPI, SVR, TC, TCCC<sup>3</sup>, TEAM, TFI, TIGER, TITLE, TKC, TMI, TNH, TPA, TRITN, UBA, UMI, UMS, UTP, VARO, VPO, W, WARRIX, WORK, WPH, YONG, ZIGA

## Corporate Governance Report

The material contained in this publication is for general information only and is not intended as advice on any of the matters discussed herein. Readers and others should perform their own independent analysis as to the accuracy or completeness or legality of such information. The Thai Institute of Directors, its officers, the authors and editor make no representation or warranty as to the accuracy, completeness or legality of any of the information contained herein. By accepting this document, each recipient agrees that the Thai Institute of Directors Association, its officers, the authors and editor shall not have any liability for any information contained in, or for any omission from, this publication.

The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date. InnovestX Securities Company Limited does not conform nor certify the accuracy of such survey result.

To recognize well performers, the list of companies attaining "Good", "Very Good" and "Excellent" levels of recognition (Not including listed companies qualified in the "no announcement of the results" clause from 1 January 2022 to 31 October 2023) is publicized.

<sup>1</sup>OISHI was voluntarily delisted from the Stock Exchange of Thailand, effectively on September 6, 2023

<sup>2</sup>SFP was voluntarily delisted from the Stock Exchange of Thailand, effectively on July 19, 2023

<sup>3</sup>TCCC was voluntarily delisted from the Stock Exchange of Thailand effectively on August 25, 2023

## Anti-corruption Progress Indicator

### Certified (ລາສຸມສູດ)

2S, 7UP, AAI, ADVANC, AF, AH, AI, AIE, AIRA, AJ, AKP, AMA, AMANAH, AMATA, AMATAV, AP, APCS, AS, ASIAN, ASK, ASP, AWC, AYUD, B, BAFS, BAM, BANPU, BAY, BBGI, BBL, BCH, BCP, BE8, BEC, BEYOND, BGC, BGRIM, BKI, BLA, BPP, BROOK, BRR, BSBM, BTS, BWG, CEN, CENTEL, CFRESH, CGH, CHAYO, CHOTI, CITY, CMAN, CMR, CRANE, CWT, DHOUSE, DTCTENT, EASON, FNS, FTE, GIFT, GJS, GTB, GTV, GYT, HL, HTECH, HYDRO, IIG, INGRS, INSURE, IRCP, ITD, ITNS, JCK, JMT, JR, JSP, KBS, KGEN, KJL, L&E, LEE, MASTER, MBAX, MEB, MENA, META, MGT, MITSIB, MJD, MOSHI, MUD, NATION, NNCL, NPK, NSL, NV, OGC, PAF, PCC, PEACE, PICO, PK, PL, PLANET, PLE, PMTA, PPM, PRAKIT, PRAPAT, PRECHA, PRIN, PSG, RABBIT, READY, RJH, RSP, RWI, S11, SAAM, SAF, SAMCO, SAWAD, SCAP, SCP, SIAM, SKE, SKY, SMART, SMD, SMIT, SOLAR, SPA, STECH, STPI, SVR, TC, TCCC<sup>3</sup>, TEAM, TFI, TIGER, TITLE, TKC, TMI, TNH, TPA, TRITN, UBA, UMI, UMS, UTP, VARO, VPO, W, WARRIX, WORK, WPH, YONG, ZIGA

### Declared (ຈະຕ່າງອຳນວຍກັບນີ້)

ACE, ADB, ALT, AMC, ASW, BLAND, BTG, BYD, CAZ, CBG, CV, DEXON, DMT, EKH, FSX, GLOBAL, GREEN, ICN, IHL, ITC, J, JMART, JMT, LEO, LH, MENA, MITSIB, MODERN, NER, NEX, OSP, OTO, PLUS, POLY, PQS, PRIME, PROEN, PRTR, RBF, RT, SA, SANKO, SCB, SENX, SFLEX, SIS, SKE, SM, SVOA, TBN, TEGH, TIPH, TKN, TPAC, TPLAS, TQM, TRUE, W, WPH, XPG

### N/A

24CS, 3K-BAT, A, A5, AAV, ABM, ACAP, ACC, ACG, ADD, AEONTS, AFC, AGE, AHC, AIT, AJA, AKR, AKS, ALL, ALLA, ALPHAX, ALUCON, AMARC, AMARIN, AMR, ANAN, AOT, APCO, APEX, APP, APURE, AQUA, ARIN, ARIP, ARROW, ASAP, ASEFA, ASIA, ASIMAR, ASN, ATP30, AU, AUCT, AURA, B52, BA, BBIK, BC, BCT, BDMS, BEAUTY, BEM, BGT, BH, BIG, BIOTEC, BIS, BIZ, BJC, BJCHI, BKD, BLC, BLESS, BLISS, BM, BOL, BR, BRI, BROCK, BSM, BSRC, BTNC, BTW, BUI, BVG, CCET, CCP, CEYE, CGD, CH, CHARAN, CHASE, CHAYO, CHG, CHIC, CHO, CI, CITY, CIVIL, CK, CKP, CMAN, CMO, CMR, CNT, COCOCO, COLOR, COMAN, CPANEL, CPH, CPR, CPT, CRANE, CRD, CSP, CSR, CSS, CTW, CWT, D, DCON, DDD, DHOUSE, DITTO, DOD, DPAINT, DTCTENT, DTCI, DV8, EASON, ECL, EE, EFORL, EMC, ETL, EVER, F&D, FANCY, FE, FLOYD, FMT, FN, FORTH, FTI, FVG, GABLE, GENCO, GFC, GIFT, GL, GLAND, GLOCON, GLORY, GRAMMY, GRAND, GSC, GTB, GTV, GYT, HEALTH, HFT, HL, HTECH, HUMAN, HYDRO, I2, IFEC, IIG, IMH, IND, INGRS, INSET, IP, IRC, IRCP, IT, ITD, ITNS, ITTHI, JAK, JCK, JCKH, JCT, JDF, JPARK, JSP, JUBILE, K, KAMART, KC, KCG, KCM, KDH, KEX, KIAT, KISS, KJL, KK, KKC, KLINIQ, KOOI, KTIS, KTMS, KUMWEL, KUN, KWC, KWI, KWM, KYE, LALIN, LDC, LEE, LIT, LOXLEY, LPH, LST, MACO, MANRIN, MASTER, MATI, MAX, MCA, M-CHAI, MCOT, MCS, MDX, MEB, MEGA, METCO, MGC, MGT, MICRO, MIDA, MJD, MK, ML, MORE, MOSHI, MTW, MUD, MVP, NAM, NC, NCH, NCL, NDR, NETBAY, NEW, NEWS, NFC, NNCL, NOK, NOVA, NPK, NSL, NTSC, NTV, NUSA, NV, NVD, NYT, OHTL, ONEE, ORN, PACE, PACO, PAF, PCC, PEACE, PERM, PF, PHG, PICO, PIN, PJW, PLE, PLT, PMTA, POLAR, POMPU, PORT, POST, PPM, PRAKIT, PRAPAT, PRECHA, PRI, PRIN, PRO, PROUD, PSG, PSP, PTC, PTL, RAM, RCL, READY, RICHY, RJH, ROCK, ROH, ROJNA, RP, RPC, RPH, RSP, S, S11, SABUY, SAF, SAFARI, SAFE, SALEE, SAM, SAMART, SAMCO, SAMTEL, SAUCE, SAV, SAWAD, SAWANG, SBNEXT, SCAP, SCI, SCL, SCP, SDC, SE, SEAFCO, SECURE, SFT, SGF, SHANG, SHR, SIAM, SICK, SIMAT, SINGER, SINO, SISB, SJWD, SK, SKN, SKY, SLM, SLP, SMART, SMD, SMT, SNNP, SO, SOLAR, SONIC, SPA, SPCG, SPG, SPVI, SQ, SR, SRS, SSC, SSS, STANLY, STARK, STC, STEC, STECH, STHAI, STI, STP, STPI, SUC, SUN, SUPER, SUTHA, SVR, SVT, SWC, SYNEK, TACC, TAN, TAPAC, TC, TCC, TCJ, TCOAT, TEAM, TEAMG, TEKA, TFM, TGPRO, TH, THAI, THANA, THE, THG, THMU, TIGER, TITLE, TK, TKG, TLI, TM, TMC, TMI, TMW, TNDT, TNH, TNPC, TOA, TPBI, TPCH, TPIPL, TPIPP, TPL, TPOLY, TPP, TPS, TQR, TR, TRC, TRITN, TRP, TRUBB, TRV, TSE, TTI, TTT, TTW, TURTLE, TVH, TVT, TWP, TWZ, TYCN, UAC, UBA, UMI, UMS, UNIQ, UP, UPF, UPOIC, UREKA, UTP, UVAN, VARO, VIBHA, VL, VNG, VPO, VRANDA, WARRIX, WAVE, WFX, WGE, WIN, WINDOW, WINMED, WINNER, WORK, WORLD, WP, YGG, YONG, ZAA

## Explanations

Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of November 1, 2023) are categorised into: companies that have declared their intention to join CAC, and companies certified by CAC.