

# Krung Thai Bank

Krung Thai Bank  
Public Company Limited

# KTB

Bloomberg KTB TB  
Reuters KTB.BK



## 3Q22: Decent results, as expected; TP hike

**KTb's 3Q22 results reflected stable asset quality, contracting loans, better NIM, higher non-NII and QoQ higher cost to income ratio. We raise our 2022F by 8% and 2023F by 5% to fine tune with 3Q22 results. We maintain our Outperform rating with a hike in TP to Bt20 from Bt18.**

**3Q22: In line with us but beat consensus.** KTB reported 3Q22 net profit of Bt8.45bn (+1% QoQ, +67% YoY), in line with us but 11% above consensus.

### Highlights:

1) Asset quality: NPLs and credit cost were stable QoQ, better than we had anticipated. LLR coverage inched up to 169% from 168% at 2Q22, in line with the high end of its LLR coverage target of 170%. We cut our credit cost forecast from 1% to 0.9% in 2022F (vs. 0.86% for 9M22) and 0.95% to 0.9% in 2023F.

2) Loan growth: -0.9% QoQ, +2% YoY and -0.6% YTD. The contraction was in government loans (-1.5% QoQ, -9.5% YTD), corporate loans (-4.6% QoQ, -0.8% YTD) and SME loans (-0.7% QoQ, -1% YTD). Growth was seen only in retail loans (+1.9% QoQ, +4.3% YTD), in all segments. We cut our 2022F loan growth from 5% to 1% - which would be 4% if excluding government loans (which are for liquidity management).

3) NIM: Better than expected, +13 bps QoQ, due to a 17 bps QoQ rise in yield on earning assets (due to a shift toward high-yield loans) with a 6 bps rise in cost of funds. We raise our 2022F NIM by 9 bps to 2.62% (+9 bps) to factor in the interest rate hikes and fine tune with 3Q22 results.

4) Non-NII: +12% QoQ (+19% YoY) on net fee income and gain on financial instruments. Better than expected, net fee income grew 9% QoQ and 13% YoY (loan-related fees and bancassurance).

5) Cost to income ratio: +308 bps QoQ and -71 bps YoY (better topline). Higher than expected, opex rose 14% QoQ and 9% YoY, pushed up by personnel expenses and IT. We raised 2022F cost to income ratio by 76 bps to 44.3%, in line with its target of mid-40%.

**Raise earnings forecasts.** We raise our 2022 by 8% and 2023F by 5% to fine tune with 3Q22 results. 9M22 earnings account for 78% of our full-year forecast; we expect 4Q22 earnings to be down QoQ (higher provisions and opex) but rise strongly YoY (better topline, lower provisions).

**Maintain Outperform with a TP hike.** We keep our Outperform rating with a hike in TP to Bt20 (0.7x PBV for 2023F) from Bt18 as KTB is in a lead position to benefit from up-trending interest rates with lower asset quality risk than peers.

**Key risks:** 1) Asset quality risk from high inflation and global economic slowdown, 2) inability to pass through a 23 bps rise in FIDF cost to lending rates and 3) a disruption by Fintech.

### Forecasts and valuation

Year to 31 Dec	Unit	2020	2021	2022F	2023F	2024F
Pre-provision profit	(Bt mn)	61,634	54,112	56,441	59,469	63,507
Net profit	(Bt mn)	16,732	21,588	32,662	34,975	37,662
PPP/Sh	(Bt)	4.41	3.87	4.04	4.25	4.54
EPS	(Bt)	1.20	1.54	2.34	2.50	2.69
BVPS	(Bt)	24.57	25.75	26.32	28.00	29.82
DPS	(Bt)	0.28	0.42	0.82	0.88	0.94
P/PPP	(x)	3.90	4.44	4.26	4.04	3.79
PPP growth	(%)	16.08	(12.20)	4.30	5.37	6.79
P/E	(x)	14.37	11.14	7.36	6.88	6.39
EPS growth	(%)	(42.86)	29.03	51.30	7.08	7.68
P/BV	(x)	0.70	0.67	0.65	0.61	0.58
ROE	(%)	4.91	6.14	8.97	9.21	9.32
Dividend yield	(%)	1.60	2.43	4.75	5.09	5.48

Source: InnovestX Research

## Tactical: OUTPERFORM (3-month)

### Stock data

Last close (Oct 21) (Bt)	17.20
Target price (Bt)	20.00
Mkt cap (Btbn)	240.39
Mkt cap (US\$mn)	6,300

Beta	L
Mkt cap (%) SET	1.25
Sector % SET	9.36
Shares issued (mn)	13,976
Par value (Bt)	5.15
12-m high / low (Bt)	17.3 / 11.1
Avg. daily 6m (US\$mn)	18.43
Foreign limit / actual (%)	25 / 11
Free float (%)	44.9
Dividend policy (%)	~ 40

### 2022 Sustainability / 2021 ESG Score

Sustainability Index (THSI)	Included
ESG Bloomberg Score	48.18
Environmental Score	23.32
Social Score	33.74
Governance Score	87.36

Source: Bloomberg Finance L.P.

### Share performance

(%)	1M	3M	12M
Absolute	1.2	11.0	45.8
Relative to SET	4.6	8.3	50.5

Source: SET, InnovestX Research

### Analyst

**Kittima Sattayapan, CFA**

Fundamental Investment

Analyst on Securities

(66-2) 949-1003

kittima.sattayapan@scb.co.th

## ESG Disclosure Score

	2020	2021
<b>ESG Disclosure Score</b>	<b>48.79</b>	<b>48.18</b>
<b>Environment</b>	<b>23.32</b>	<b>23.32</b>
Total GHG Emissions (thousands of metric tonnes)	n.a.	n.a.
Total Water Use (thousands of cubic meters)	487.03	419.96
Hazardous Waste (thousands of metric tonnes)	n.a.	n.a.
Total Waste (thousands of metric tonnes)	n.a.	n.a.
<b>Social</b>	<b>35.55</b>	<b>33.74</b>
Number of Employees	20,262.00	18,937.00
Workforce Accidents	n.a.	n.a.
Lost Time from Accidents	n.a.	n.a.
Fatalities - Contractors	n.a.	n.a.
Fatalities - Employees	n.a.	n.a.
Fatalities - Total	n.a.	n.a.
Community Spending	150.68	310.68
<b>Governance</b>	<b>87.36</b>	<b>87.36</b>
Size of the Board	12.00	12.00
Indep Directors	6.00	6.00
% Indep Directors	50.00	50.00
Board Duration (Years)	3.00	3.00
# Board Meetings	26.00	23.00
Board Mtg Attendance (%)	97.29	100.00

Source: Bloomberg Finance L.P.

### Disclaimer

Bloomberg ESG Disclosure Scores rate companies on their level of disclosure of ESG data. Bloomberg offers four disclosure scores, for overall ESG, as well as Environmental, Social, and Governance such as energy consumption, board composition, and workforce accidents

Company ESG reporting has evolved since our ESG Disclosure Score was originally created in 2010. In order to reflect the evolution in corporate reporting, in early 2022 Bloomberg updated its ESG disclosure scores methodology. The methodology changes were implemented for all years of data for all companies in the ESG Coverage universe.

To review the fully transparent methodology, calculate disclosure scores for any company, and compare a company's scores vs its peers, see ESG Disclosure Score Model in Bloomberg

## Financial statement

## Profit and Loss Statement

FY December 31	Unit	2017	2018	2019	2020	2021	2022F	2023F	2024F
Interest & dividend income	(Btmn)	122,507	119,770	122,972	112,837	104,832	112,978	133,279	139,361
Interest expense	(Btmn)	36,729	36,081	34,655	24,494	21,460	22,803	38,310	39,252
<b>Net interest income</b>	(Btmn)	<b>85,778</b>	<b>83,689</b>	<b>88,316</b>	<b>88,343</b>	<b>83,372</b>	<b>90,175</b>	<b>94,969</b>	<b>100,109</b>
Non-interest income	(Btmn)	35,095	32,403	35,917	31,844	31,368	31,233	31,664	32,103
Non-interest expenses	(Btmn)	49,396	53,088	62,474	53,465	52,731	53,600	55,218	56,088
Pre-provision profit	(Btmn)	71,477	63,004	61,759	66,722	62,009	67,808	71,415	76,124
Provision	(Btmn)	44,833	26,192	23,814	44,903	32,524	23,779	24,495	25,845
Pre-tax profit	(Btmn)	26,643	36,812	37,946	21,819	29,485	44,029	46,920	50,279
Tax	(Btmn)	4,797	6,852	7,233	4,441	5,975	8,806	9,384	10,056
Equities & minority interest	(Btmn)	(594)	1,468	1,429	647	1,921	2,561	2,561	2,561
<b>Core net profit</b>	(Btmn)	<b>22,440</b>	<b>28,491</b>	<b>29,284</b>	<b>16,732</b>	<b>21,588</b>	<b>32,662</b>	<b>34,975</b>	<b>37,662</b>
Extra item	(Btmn)	0	0	0	0	0	0	0	0
<b>Net profit</b>	(Btmn)	<b>22,440</b>	<b>28,491</b>	<b>29,284</b>	<b>16,732</b>	<b>21,588</b>	<b>32,662</b>	<b>34,975</b>	<b>37,662</b>
<b>EPS</b>	(Bt)	<b>1.60</b>	<b>2.04</b>	<b>2.09</b>	<b>1.20</b>	<b>1.54</b>	<b>2.34</b>	<b>2.50</b>	<b>2.69</b>
<b>DPS</b>	(Bt)	<b>0.61</b>	<b>0.72</b>	<b>0.75</b>	<b>0.28</b>	<b>0.42</b>	<b>0.82</b>	<b>0.88</b>	<b>0.94</b>

## Balance Sheet

FY December 31	Unit	2017	2018	2019	2020	2021	2022F	2023F	2024F
Cash	(Btmn)	73,573	68,878	68,434	68,161	63,544	64,052	64,797	65,249
Interbank assets	(Btmn)	559,827	372,514	338,771	519,631	469,216	530,215	503,704	478,519
Investments	(Btmn)	228,246	240,167	426,174	360,112	382,055	306,806	306,806	306,806
<b>Gross loans</b>	(Btmn)	<b>1,938,082</b>	<b>2,024,205</b>	<b>2,089,874</b>	<b>2,331,998</b>	<b>2,628,963</b>	<b>2,655,253</b>	<b>2,788,015</b>	<b>2,955,296</b>
Accrued interest receivable	(Btmn)	5,212	5,424	5,155	16,199	20,579	20,579	20,579	20,579
Loan loss reserve	(Btmn)	125,381	133,754	135,268	150,523	173,322	181,080	194,562	208,836
<b>Net loans</b>	(Btmn)	<b>1,817,912</b>	<b>1,895,874</b>	<b>1,959,761</b>	<b>2,197,674</b>	<b>2,476,220</b>	<b>2,494,752</b>	<b>2,614,033</b>	<b>2,767,039</b>
<b>Total assets</b>	(Btmn)	<b>2,864,373</b>	<b>2,739,203</b>	<b>3,012,216</b>	<b>3,327,780</b>	<b>3,556,745</b>	<b>3,564,696</b>	<b>3,661,451</b>	<b>3,793,047</b>
Deposits	(Btmn)	2,070,875	2,039,602	2,155,865	2,463,225	2,614,747	2,614,747	2,687,960	2,794,135
Interbank liabilities	(Btmn)	228,691	157,396	215,823	274,566	296,344	296,344	296,344	296,344
Borrowings	(Btmn)	110,626	95,206	96,841	86,564	133,817	133,817	133,817	133,817
<b>Total liabilities</b>	(Btmn)	<b>2,570,149</b>	<b>2,425,062</b>	<b>2,663,890</b>	<b>2,972,717</b>	<b>3,182,633</b>	<b>3,182,633</b>	<b>3,255,846</b>	<b>3,362,020</b>
Minority interest	(Btmn)	6,358	8,266	10,039	11,561	14,059	14,059	14,059	14,059
Paid-up capital	(Btmn)	72,005	72,005	72,005	72,005	72,005	72,005	72,005	72,005
<b>Total Equities</b>	(Btmn)	<b>287,867</b>	<b>305,875</b>	<b>338,287</b>	<b>343,503</b>	<b>360,053</b>	<b>368,004</b>	<b>391,547</b>	<b>416,968</b>
<b>BVPS</b>	(Bt)	<b>20.59</b>	<b>21.88</b>	<b>24.20</b>	<b>24.57</b>	<b>25.75</b>	<b>26.32</b>	<b>28.00</b>	<b>29.82</b>

## Key Assumptions and Financial Ratios

FY December 31	Unit	2017	2018	2019	2020	2021	2022F	2023F	2024F
<b>Growth</b>									
YoY loan growth	(%)	1.79	4.44	3.24	11.59	12.73	1.00	5.00	6.00
YoY non-NII growth	(%)	1.37	(7.67)	10.85	(11.34)	(1.50)	(0.43)	1.38	1.39
<b>Profitability</b>									
Yield on earn'g assets	(%)	4.55	4.39	4.40	3.68	3.13	3.24	3.76	3.80
Cost on int-bear'g liab	(%)	1.56	1.53	1.46	0.93	0.73	0.75	1.24	1.24
Spread	(%)	2.99	2.86	2.94	2.75	2.40	2.49	2.52	2.56
Net interest margin	(%)	3.19	3.07	3.16	2.88	2.49	2.59	2.68	2.73
ROE	(%)	7.99	9.60	9.09	4.91	6.14	8.97	9.21	9.32
ROA	(%)	0.81	1.02	1.02	0.53	0.63	0.92	0.97	1.01
<b>Asset Quality</b>									
NPLs/Total Loans	(%)	5.30	5.24	4.90	4.55	4.03	4.15	4.15	4.12
LLR/NPLs	(%)	121.71	125.74	131.76	140.49	162.27	164.43	168.15	171.72
Provision expense/Total loans	(%)	2.33	1.32	1.16	2.03	1.31	0.90	0.90	0.90
<b>Liquidity</b>									
Loans/Deposits & borrowings	(%)	88.84	94.82	92.77	91.46	95.65	96.61	98.80	100.93
<b>Efficiency</b>									
Cost to income ratio	(%)	41.18	45.90	46.10	43.55	44.42	42.68	42.19	41.07
<b>Capital Fund</b>									
Capital adequacy ratio	(%)	17.20	18.22	19.00	19.11	20.12	18.93	19.18	19.27
Tier-1	(%)	13.48	14.47	15.24	15.79	16.86	16.00	16.36	16.59
Tier-2	(%)	3.72	3.74	3.76	3.32	3.26	2.93	2.81	2.68

## Financial statement

## Profit and Loss Statement

FY December 31	Unit	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
Interest & dividend income	(Btmn)	25,842	25,297	26,349	26,419	26,767	26,209	27,260	28,758
Interest expense	(Btmn)	5,523	5,328	5,433	5,277	5,423	5,123	5,441	5,864
<b>Net interest income</b>	(Btmn)	<b>20,320</b>	<b>19,969</b>	<b>20,916</b>	<b>21,142</b>	<b>21,345</b>	<b>21,086</b>	<b>21,818</b>	<b>22,894</b>
Non-interest income	(Btmn)	7,758	8,404	7,598	6,979	8,386	8,212	7,446	8,321
Non-interest expenses	(Btmn)	13,936	12,688	12,235	13,093	14,714	12,244	12,517	14,314
Earnings before tax & provision	(Btmn)	14,142	15,685	16,279	15,028	15,017	17,053	16,747	16,902
Provision	(Btmn)	9,254	8,058	8,097	8,137	8,233	5,470	5,669	5,667
Pre-tax profit	(Btmn)	4,888	7,627	8,183	6,891	6,784	11,583	11,079	11,235
Tax	(Btmn)	1,257	1,519	1,657	1,382	1,418	2,317	1,996	2,270
Equities & minority interest	(Btmn)	179	530	515	454	422	485	724	516
<b>Core net profit</b>	(Btmn)	<b>3,452</b>	<b>5,578</b>	<b>6,011</b>	<b>5,055</b>	<b>4,944</b>	<b>8,780</b>	<b>8,358</b>	<b>8,450</b>
Extra item	(Btmn)	0	0	0	0	0	0	0	0
<b>Net profit</b>	(Btmn)	<b>3,452</b>	<b>5,578</b>	<b>6,011</b>	<b>5,055</b>	<b>4,944</b>	<b>8,780</b>	<b>8,358</b>	<b>8,450</b>
<b>EPS</b>	(Bt)	<b>0.25</b>	<b>0.40</b>	<b>0.43</b>	<b>0.36</b>	<b>0.35</b>	<b>0.63</b>	<b>0.60</b>	<b>0.60</b>

## Balance Sheet

FY December 31	Unit	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
Cash	(Btmn)	68,161	56,556	55,337	56,737	63,544	54,669	55,511	55,416
Interbank assets	(Btmn)	519,631	590,082	519,541	484,588	469,216	576,551	542,875	584,544
Investments	(Btmn)	360,112	317,479	294,962	332,602	382,055	286,376	275,294	319,301
<b>Gross loans</b>	(Btmn)	<b>2,331,998</b>	<b>2,360,013</b>	<b>2,485,898</b>	<b>2,559,985</b>	<b>2,628,963</b>	<b>2,658,758</b>	<b>2,634,917</b>	<b>2,611,892</b>
Accrued interest receivable	(Btmn)	16,199	16,085	16,876	19,118	20,579	20,583	20,639	22,510
Loan loss reserve	(Btmn)	150,523	155,827	163,414	167,201	173,322	177,008	174,969	177,329
<b>Net loans</b>	(Btmn)	<b>2,197,674</b>	<b>2,220,271</b>	<b>2,339,360</b>	<b>2,411,902</b>	<b>2,476,220</b>	<b>2,502,333</b>	<b>2,480,587</b>	<b>2,457,073</b>
<b>Total assets</b>	(Btmn)	<b>3,327,780</b>	<b>3,371,667</b>	<b>3,404,847</b>	<b>3,497,160</b>	<b>3,556,745</b>	<b>3,581,447</b>	<b>3,565,046</b>	<b>3,691,704</b>
Deposits	(Btmn)	2,463,225	2,438,992	2,493,121	2,582,228	2,614,747	2,712,691	2,603,600	2,601,631
Interbank liabilities	(Btmn)	274,566	294,859	267,143	248,699	296,344	226,663	259,142	301,874
Borrowings	(Btmn)	86,564	131,697	131,899	133,069	133,817	131,638	155,545	169,528
<b>Total liabilities</b>	(Btmn)	<b>2,972,717</b>	<b>3,017,970</b>	<b>3,048,986</b>	<b>3,129,823</b>	<b>3,182,633</b>	<b>3,205,018</b>	<b>3,195,111</b>	<b>3,314,320</b>
Minority interest	(Btmn)	11,561	12,426	12,622	13,290	14,059	14,932	14,548	15,438
Paid-up capital	(Btmn)	72,005	72,005	72,005	72,005	72,005	72,005	72,005	72,005
<b>Total Equities</b>	(Btmn)	<b>343,503</b>	<b>341,270</b>	<b>343,239</b>	<b>354,047</b>	<b>360,053</b>	<b>361,497</b>	<b>355,387</b>	<b>361,946</b>
<b>BVPS</b>	(Bt)	<b>24.57</b>	<b>24.41</b>	<b>24.55</b>	<b>25.32</b>	<b>25.75</b>	<b>25.86</b>	<b>25.42</b>	<b>25.89</b>

## Financial Ratios

FY December 31		4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
<b>Growth</b>									
YoY loan growth	(%)	11.59	10.70	8.77	12.21	12.73	12.66	5.99	2.03
YoY non-NII growth	(%)	(27.35)	9.03	(12.86)	(8.87)	8.09	(2.29)	(2.00)	19.23
<b>Profitability</b>									
Yield on earn'g assets	(%)	3.32	3.12	3.21	3.17	3.12	2.99	3.13	3.30
Cost on int-bear'g liab	(%)	0.81	0.75	0.75	0.72	0.72	0.67	0.71	0.77
Spread	(%)	2.51	2.37	2.45	2.44	2.40	2.32	2.41	2.53
Net interest margin	(%)	2.61	2.47	2.55	2.53	2.49	2.41	2.50	2.63
ROE	(%)	4.05	6.52	7.03	5.80	5.54	9.73	9.33	9.42
ROA	(%)	0.41	0.66	0.71	0.58	0.56	0.98	0.94	0.92
<b>Asset Quality</b>									
NPLs/Total Loans	(%)	4.59	4.49	4.25	4.15	4.06	4.01	3.96	4.01
LLR/NPLs	(%)	140.49	147.03	154.55	157.19	162.27	166.13	167.54	169.31
Provision expense/Total loans	(%)	1.60	1.37	1.34	1.29	1.27	0.83	0.86	0.86
<b>Liquidity</b>									
Loans/Deposits & borrowings	(%)	91.46	91.80	94.70	94.28	95.65	93.48	95.50	94.25
<b>Efficiency</b>									
Cost to income ratio	(%)	49.63	44.72	42.91	46.56	49.49	41.79	42.77	45.85
<b>Capital Fund</b>									
Capital adequacy ratio	(%)	19.11	19.23	19.35	19.42	20.12	19.67	20.50	20.63
Tier-1	(%)	15.79	15.88	15.99	16.10	16.86	16.34	16.28	16.47
Tier-2	(%)	3.32	3.35	3.36	3.32	3.26	3.33	4.23	4.16

Figure 1: Quarterly results

P & L (Bt mn)	3Q21	2Q22	3Q22	%YoY ch	%QoQ ch	9M21	9M22	% YoY ch	% full year
Interest income	26,419	27,260	28,758	9	5	78,065	82,227	5	73
Interest expense	5,277	5,441	5,864	11	8	16,037	16,429	2	72
Net interest income	21,142	21,818	22,894	8	5	62,027	65,798	6	73
Non-interest income	6,979	7,446	8,321	19	12	22,981	23,979	4	77
Operating expenses	13,093	12,517	14,314	9	14	38,016	39,074	3	73
Pre-provision profit	15,028	16,747	16,902	12	1	46,992	50,702	8	75
Provision	8,137	5,669	5,667	(30)	(0)	24,291	16,806	(31)	71
Pre-tax profit	6,891	11,079	11,235	63	1	22,701	33,897	49	77
Income tax	1,382	1,996	2,270	64	14	4,557	6,583	44	75
MI and equity	(454)	(724)	(516)	(13)	29	(1,499)	(1,725)	(15)	NA
Net profit	5,055	8,358	8,450	67	1	16,644	25,589	54	78
EPS (Bt)	0.36	0.60	0.60	67	1	1.19	1.83	54	78
B/S (Bt mn)	3Q21	2Q22	3Q22	%YoY ch	%QoQ ch	9M21	9M22	%YoY ch	% full year
Gross loans	2,559,985	2,634,917	2,611,892	2	(1)	2,559,985	2,611,892	2	NM
Deposits	2,582,228	2,603,600	2,601,631	1	(0)	2,582,228	2,601,631	1	NM
BVPS (Bt)	25.32	25.42	25.89	2	2	25.32	25.89	2	NM
Ratios (%)	3Q21	2Q22	3Q22	%YoY ch*	%QoQ ch*	9M21	9M22	YoY ch*	% full year
Yield on earn. asset	3.17	3.13	3.30	0.14	0.17	3.16	3.14	(0.03)	NM
Cost of funds	0.72	0.71	0.77	0.05	0.06	0.74	0.72	(0.02)	NM
Net interest margin	2.53	2.50	2.63	0.10	0.13	2.51	2.51	(0.00)	NM
Cost to income	46.56	42.77	45.85	(0.71)	3.08	44.72	43.52	(1.20)	NM
Credit cost	1.29	0.86	0.86	(0.43)	0.01	1.32	0.86	(0.47)	NM
NPLs/total loans	4.15	3.96	4.01	(0.15)	0.05	4.15	4.01	(0.15)	NM
LLR/NPLs	157.19	167.54	169.31	12.12	1.77	157.19	169.31	12.12	NM

Source: The bank and InnovestX Research

Note: \* Percentage points

Figure 2: Valuation summary (price as of Oct 21, 2022)

	Rating	Price (Bt/Sh)	Target (Bt/Sh)	ETR (%)	P/E (x)			EPS growth (%)			P/BV (x)			ROE (%)			Div. Yield (%)		
					21A	22F	23F	21A	22F	23F	21A	22F	23F	21A	22F	23F	21A	22F	23F
BAY	Neutral	31.50	38.0	23.3	6.9	7.5	7.0	47	(8)	7	0.7	0.7	0.6	11	9	9	2.7	2.7	2.9
BBL	Outperform	142.00	168.0	22.2	10.2	8.6	6.9	54	18	26	0.6	0.5	0.5	6	6	7	2.5	3.9	4.6
KBANK	Outperform	146.00	173.0	21.5	9.1	8.4	7.1	29	9	18	0.7	0.7	0.6	8	8	9	2.2	3.0	3.5
KKP	Outperform	71.75	81.0	20.1	9.6	7.6	7.1	23	27	6	1.2	1.1	1.0	13	15	15	3.8	7.3	7.7
KTB	Outperform	17.20	20.0	21.0	11.1	7.4	6.9	29	51	7	0.7	0.7	0.6	6	9	9	2.4	4.8	5.1
TCAP	Neutral	39.75	40.0	8.2	8.8	8.8	8.0	(21)	(0)	9	0.7	0.7	0.7	8	8	8	7.5	7.5	7.5
TISCO	Neutral	95.50	103.0	16.4	11.3	10.6	10.9	12	7	(3)	1.9	1.8	1.8	17	17	16	7.5	8.5	8.2
TTB	Outperform	1.29	1.5	21.7	11.9	9.3	9.0	3	28	4	0.6	0.6	0.6	5	6	6	2.9	5.4	5.6
Average					9.9	8.6	7.9	26	12	13	0.9	0.8	0.8	9	10	10	3.9	5.2	5.5

Source: InnovestX Research

**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 a wholly-owned subsidiary of The Siam Commercial Bank Public Company Limited ("SCB"). Any information related to SCB is for sector comparison purposes.

This document is prepared by InnovestX Securities Company Limited ("INVX") which is wholly-owned by The Siam Commercial Bank Public Company Limited ("SCB"). SCB 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 The Siam Commercial Bank Public Company Limited ("SCB"). SCB may be appointed to act as financial advisor in relation to transactions to be carried out by Thai Oil 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 The Siam Commercial Bank Public Company Limited ("SCB"). SCB has acted as Financial Advisor, Lead Arranger of Global Power Synergy 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 The Siam Commercial Bank Public Company Limited ("SCB"). SCB Asset Management Company Limited ("SCBAM") which is wholly-owned by The Siam Commercial Bank Public Company Limited ("SCB"). SCB has acted as Financial Advisor of Digital Telecommunications Infrastructure Fund. SCBAM has acted as Fund Manager of Digital Telecommunications Infrastructure Fund. 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 2021 Companies with CG Rating

### Companies with Excellent CG Scoring

AAV, ADVANC, AF, AH, AIRA, AKP, AKR, ALT, AMA, AMATA, AMATAV, ANAN, AOT, AP, ARIP, ARROW, ASP, AUCTION, AWC, AYUD, BAFS, BANPU, BAY, BBL, BCP, BCPG, BDMS, BEM, BGC, BGRIM, BIZ, BKL, BOL, BPP, BRR, BTS, BTW, BWG, CENTEL, CFRESH, CHEWA, CHO, CIMBT, CK, CKP, CM, CNT, COM7, COMAN, COTTO, CPALL, CPF, CPI, CPN, CRC, CSS, DDD, DELTA, DEMCO, DRT, DTAC, DUSIT, EA, EASTW, ECF, ECL, EE, EGCO, EPG, ETC, FPI, FPT, FSMART, GBX, GC, GCAP, GFPT, GGC\*, GLAND, GLOBAL, GPI, GPSC, GRAMMY, GULF, GUNKUL, HANA, HARN, HMPRO, ICC, ICHI, IIL, ILINK, ILM, INTUCH, IP, IRPC, ITCL, IVL, JSP, JWD, K, KBANK, KCE, KKP, KSL, KTB, KTC, LALIN, LANNA, LH, LHFG, LIT, LPN, MACO, MAJOR, MAKRO, MALEE, MBK, MBKET, MC, MCOT, METCO, MFEC, MINT, MONO, MOONG, MSC, MTC, MVP, NCL, NEP, NER, NKI, NOBLE, NSI, NVD, NWR, NYT, OISHI, OR, ORI, OSP, OTO, PAP, PCSGH, PDG, PDJ, PG, PHOL\*, PLANB, PLANET, PLAT, PORT, PPS, PR9, PREB, PRG, PRM, PROUD, PSH, PSL, PTG, PTT, PTTEP, PTTGC, PYLON, Q-CON, QH, QTC, RATCH, RS, S, S & J, SAAM, SABINA, SAMART, SAMTEL, SAT, SC, SCB, SCC, SCCC, SCG, SCGP, SCM, SDC, SEAFSCO, SEAOL, SE-ED, SELIC, SENA, SHR, SIRI, SIS, SITHAI, SMK, SMPC, SNC, SONIC, SPALI, SPI, SPRC, SPVI, SSSC, SST, STA, STEC\*, STI, SUN, SUSCO, SUTHA, SVI\*, SYMC, SYNTec, TACC, TASCO, TCAP, TEAMG, TFMAMA, TGH, THANA, THANI, THCOM, THG, THIP, THRE, THREL, TIP\*, TIPCO, TISCO, TK, TKT, TMT, TNDT, TNITY, TOA, TOP, TPBI, TQM, TRC, TRU, TRUE, TSC, TSR, TSTE, TSTH, TTA, TTB, TTCL, TTW, TU, TVD, TVI, TVO, TWPC, U, UAC, UBIS, UV, VGI, VIH, WACOAL, WAVE, WHA, WHAUP, WICE, WINNER, ZEN

### Companies with Very Good CG Scoring

2S, 7UP, ABICO, ABM, ACE, ACG, ADB, AEONTS, AGE, AHC, AIT, ALL, ALLA, ALUCON, AMANAH, AMARIN, APCO, APCS, APURE, AQUA, ASEFA, ASIAN, ASK, ATP30, BA, BC, BEC, BFIT, BJCHI, BR, CBG, CGH, CHAYO, CHOTI, CI, CMC, CPL, CRD, CSP, DCC, ASAP, ASIA, ASIMAR, ASN, B, BAM, BCH, BEYOND, BJC, BLA, BROOK, CEN, CHARAN, CHG, CHOW, CIG, COMR, CPW, CSC, CWT, DCON, DHOUSE, DOD, DOHOME, DV8, EASON, EFORL, ERW, ESSO, ESTAR, ETE, FE, FLOYD, FN, FNS, FORTH, FSS, FTE, FVC, GEL, GENCO, GJS, GYT, HEMP, HPT, HT, HYDRO, ICN, IFS, IMH, IND, INET, INSET, INSURE, IRC, IRPC, IT, ITD\*, J, JAS, JCK, JCKH, JMART, JMT, KBS, KCAR, KEX, KGI, KIAT\*, KISS, KOOL, KTIS, KUMWEL, KUN, KWC, KWM, L&E, LDC, LEO, LHK, LOXLEY, LRH, LST, M, MATCH, MBAX, MEGA, META, MFC\*, MGT, MICRO, MILL, MITSIB, MK, MODERN, MTI, NBC, NCAP, NCH, NETBAY, NEX, NINE, NRF, NTV, OCC, OGC, PATO, PB, PICO, PIMO, PJW, PL, PM, PMTA, PPP, PPPM, PRIME, PRIN, PRINC, PSTC, PT, QLT, RBF, RCL, RICHY, RML, ROJNA, RPC, RT, RWI, S11, SA, SAK, SALEE, SAMCO, SANKO, SAPPE, SAWAD, SCI, SCN, SCP, SE, SFLEX, SFP, SFT, SGF, SIAM, SINGER, SKE, SKN, SKR, SKY, SLP, SMT, SMT, SON, SO, SORKON, SPA, SPC, SPCG, SR, SRICHA, SSC, SSF, STANLY, STGT, STOWER\*, STPI, SUC, SWC, SYNEX, T, TAE, TAKUNI, TBSP, TCC, TCMC, TEAM, TFG, TFI, TIGER, TITL, TKN, TKS, TM, TMC, TMD, TMI, TMILL, TNL, TNP, TOG, TPA, TPAC, TPCS, TPS, TRITN, TRT, TSE, TVT, TWP, UEC, UMI, UOBKH, UP, UPF, UPOIC, UTP, VCOM, VL, VNT, VPO, VRANDA, WGE, WIJK, WP, XO, XPG, YUASA

### Companies with Good CG Scoring

A, AI, AIE, AJ, AMC, APP, AQ, ARIN, AS, AU, B52, BEAUTY, BGT, BH, BIG, BLAND, BM, BROCK, BSBM, BSM, BYD\*, CCP, CITY, CMO, CPT, CSR, EKH, EP, FMT, GLOCON\*, GSC, HTECH, IHL, INGRS, JAK, JTS, KASET, KK, KWG, LEE, BTNC, CAZ, CGD, CMAN, CMR, CRANE, D, EMC, F&D, GIFT, GREEN, GTB, HUMAN, IIG, INOX, JR, JUBILE, KCM, KKC, KYE, LPH, MATI, M-CHAI, MCS, MDX, MJD, MORE, MUD, NC, NDR, NFC, NNCL, NOVA, NPK, NUSA, OCEAN, PAF, PF, PK, PLE, PPM, PRAKIT, PRAPAT, PRECHA, PTL, RCi\*, RJH, RP, RPH, RSP, SABUY, SF, SGP, SICT, SIMAT, SISB, SK, SMART, SOLAR, SPACK, SPG, SQ, SSP, STARK, STC, SUPER, SVOA, TC, TCCC, THMUI, TNH, TNR, TOPP, TPCH, TPIPL, TPIPP, TPLAS, TPOLY, TQR, TTI, TYCN, UKEM, UMS, UNIQ, UPA, UREKA, VIBHA, W, WIN, WORK, WPH, YGG, 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 2020 to 26 October 2021) is publicized.

<sup>1</sup> TIP was voluntarily delisted from the Stock Exchange of Thailand effectively on July 24, 2021

<sup>2</sup> RCI was voluntarily delisted from the Stock Exchange of Thailand, effectively on July 16, 2021

\* บริษัทหรือกรรมการหรือผู้บริหารของบริษัทที่มีส่วนดำเนินการกำกับดูแลกิจการ เช่น การกระทำผิดเกี่ยวกับหลักทรัพย์ การทุจริต คอรัปชัน เป็นต้น ซึ่งการใช้ข้อมูล CGR ควรระมัดระวังข้อมูลดังกล่าวประกอบด้วย

### Anti-corruption Progress Indicator

#### Certified (ได้สมรรถนะ)

2S, 7UP, ADVANC, AF, AI, AIE, AIRA, AJ, AKP, AMA, AMANAH, AMATA, AMATAV, AP, APCS, AS, ASIAN, ASK, ASP, AWC, AYUD, B, BAFS, BAM, BANPU, BAY, BBL, BCH, BCP, BCPG, BE8, BEC, BEYOND, BGC, BGRIM, BKL, BLA, BPP, BROOK, BRR, BSBM, BTS, BWG, CEN, CENTEL, CFRESH, CGH, CHEWA, CHOTI, CHOW, CIG, CIMBT, CM, CMC, COM7, COTTO, CPALL, CPF, CPI, CPL, CPN, CRC, CSC, DCC, DELTA, DEMCO, DIMET, DRT, DTAC, DUSIT, EA, EASTW, EGCO, EP, EPG, ERW, ESTAR, ETE, FE, FNS, FPI, FPT, FSMART, FSS, FTE, GBX, GC, GCAP, GEL, GFPT, GGC, GJS, GPI, GPSC, GSTEEL, GULF, GUNKUL, HANA, HARN, HEMP, HENG, HMPRO, HTC, ICC, ICHI, IFS, IIL, ILINK, INET, INSURE, INTUCH, IRC, IRPC, ITCL, IVL, JKN, JR, K, KASET, KBANK, KBS, KCAR, KCE, KGI, KKP, KSL, KTB, KTC, KWI, L&E, LANNA, LH, LHFG, LHK, LPN, LRH, M, MAJOR, MAKRO, MALEE, MATCH, MBAX, MBK, MC, MCOT, META, MFC, MFEC, MILL, MINT, MONO, MOONG, MSC, MST, MTC, MTI, NBC, NEP, NINE, NKI, NOBLE, NOK, NSI, NWR, OCC, OGC, ORI, PAP, PATO, PB, PCSGH, PDG, PDJ, PG, PHOL, PK, PL, PLANB, PLANET, PLAT, PM, PPP, PPPM, PPS, PR9, PREB, PRG, PRINC, PRM, PROS, PSH, PSL, PSTC, PT, PTG, PTT, PTTEP, PTTGC, PYLON, Q-CON, QH, QLT, QTC, RATCH, RML, RWI, S&J, SAAM, SABINA, SAPPE, SAT, SC, SCB, SCC, SCCC, SCG, SCGP, SCM, SCN, SEAOL, SE-ED, SELIC, SENA, SGP, SINGER, SIRI, SITHAI, SKR, SMT, SMK, SMPC, SNC, SNP, SORKON, SPACK, SPALI, SPC, SPI, SPRC, SRICHA, SSF, SSP, SSSC, SST, STA, STGT, STOWER, SUSCO, SVI, SYMC, SYNTec, TAE, TAKUNI, TASCO, TCAP, TCMC, TFG, TFI, TFMAMA, TGH, THANI, THCOM, THIP, THRE, THREL, TIDLOR, TIPCO, TISCO, TKS, TKT, TMILL, TMT, TNITY, TNL, TNP, TNR, TOG, TOP, TOPP, TPA, TPCS, TPP, TRU, TRUE, TSC, TSTE, TSTH, TTA, TTB, TTCL, TU, TVDH, TVI, TVO, TWPC, U, UBE, UBIS, UEC, UKEM, UOBKH, UPF, UV, VGI, VIH, WACOAL, WHA, WHAUP, WICE, WIJK, XO, YUASA, ZEN, ZIGA

#### Declared (ประกาศเจตนา)

AH, ALT, APCO, ASW, B52, CHG, CI, CPR, CPW, DDD, DHOUSE, DOHOME, ECF, EKH, ETC, EVER, FLOYD, GLOBAL, ILM, INOX, J, JMART, JMT, JTS, KEX, KUMWEL, LDC, MEGA, NCAP, NOVA, NRF, NUSA, OR, PIMO, PLE, RS, SAK, SIS, SSS, STECH, SUPER, SVT, TKN, TMD, TMI, TQM, TRT, TSI, VARO, VCOM, VIBHA, W, WIN

#### N/A

24CS, 3K-BAT, A, A5, AAV, ABICO, ABM, ACAP, ACC, ACE, ACG, ADB, ADD, AEONTS, AFC, AGE, AHC, AIT, AJA, AKR, ALL, ALLA, ALPHAX, ALUCON, AMAR, AMARIN, AMC, AMR, ANAN, AOT, APEX, APP, APURE, AQ, AQUA, ARIN, ARIP, ARROW, ASAP, ASEFA, ASIA, ASIMAR, ASN, ATP30, AU, AUCTION, BA, BBGI, BBIK, BC, BCT, BDMS, BEAUTY, BEM, BGT, BH, BIG, BIOTEC, BIS, BIZ, BJC, BJCHI, BKD, BLAND, BLESS, BLISS, BM, BOL, BR, BRI, BROCK, BSM, BTNC, BTW, BUI, BYD, CAZ, CBG, CCET, CCP, CEYE, CGD, CH, CHARAN, CHAYO, CHIC, CHO, CITY, CIVIL, CK, CKP, CMAN, CMO, CMR, CNT, COLOR, COMAN, CPANEL, CPH, CPT, CRANE, CRD, CSP, CSR, CSS, CTW, CV, CWT, D, DCON, DITTO, DMT, DOD, DPAINT, DTCL, DV8, EASON, ECL, EE, EFORL, EMC, ESSO, F&D, FANCY, FMT, FN, FORTH, FTI, FVC, GENCO, GIFT, GL, GLAND, GLOCON, GLORY, GRAMMY, GRAND, GREEN, GSC, GTB, GYT, HFT, HL, HPT, HTECH, HUMAN, HYDRO, ICN, IFEC, IHL, IIG, IMH, IND, INGRS, INSET, IP, IRPC, IT, ITD, ITNS, JAK, JAS, JCK, JCKH, JCT, JDF, JSP, JUBILE, JWD, KAMART, KC, KCC, KCM, KDH, KIAT, KISS, KK, KKC, KOOL, KTIS, KUN, KWC, KWM, KYE, LALIN, LEE, LEO, LIT, LOXLEY, LPH, LST, MACO, MANRIN, MATI, MAX, M-CHAI, MCS, MDX, MENA, METCO, MGT, MICRO, MIDA, MITSIB, MJD, MK, ML, MODERN, MORE, MPIC, MUD, MVP, NATION, NC, NCH, NCL, NDR, NER, NETBAY, NEW, NEWS, NEX, NFC, NNCL, NPK, NSL, NTV, NV, NVD, NYT, OHTL, OISHI, ONEE, OSP, OTO, PACE, PACO, PAF, PCC, PEACE, PERM, PF, PICO, PIN, PJW, PLUS, PMTA, POLAR, POMPUI, PORT, POST, PPM, PRAKIT, PRAPAT, PRECHA, PRIME, PRIN, PRO, PROEN, PROUD, PSG, PTC, PTECH, PTL, RAM, RBF, RCL, RICHY, RJH, ROCK, ROH, ROJNA, RP, RPH, RSP, RT, S, S11, SA, SABUY, SAFARI, SALEE, SAM, SAMART, SAMCO, SAMTEL, SANKO, SAUCE, SAWAD, SAWANG, SCAP, SCI, SCP, SDC, SE, SEAFSCO, SECURE, SENAJ, SFLEX, SFP, SFT, SGF, SHANG, SHR, SIAM, SICT, SIMAT, SISB, SK, SKE, SKN, SKY, SLM, SLP, SMART, SMD, SMT, SNNP, SO, SOLAR, SONIC, SPA, SPCG, SPG, SPVI, SQ, SR, SSC, STANLY, STARK, STC, STEC, STHAI, STI, STP, STPI, SUC, SUN, SUTHA, SVH, SVOA, SWC, SYNEX, TACC, TAPAC, TC, TCC, TCCC, TCJ, TCOAT, TEAM, TEAMG, TEGH, TEKA, TFM, TGE, TGPRO, TH, THAI, THANA, THE, THG, THL, THMUI, TIGER, TIPH, TITL, TITL, TK, TKT, TLI, TM, TMC, TMW, TNDT, TNH, TNPC, TOA, TPAC, TPBI, TPCH, TPIPL, TPIPP, TPLAS, TPOLY, TPS, TQR, TR, TRC, TRITN, TRUBB, TRV, TSE, TSF, TSR, TTI, TTT, TTW, TVT, TWP, TWZ, TYCN, UAC, UMI, UMS, UNIQ, UP, UPA, UPOIC, UREKA, UTP, UVAN, VL, VNG, VPO, VRANDA, WAVE, WFX, WGE, WINMED, WINNER, WORK, WORLD, WP, WPH, XPG, YGG, YONG

### Explanations

Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of July 7, 2022) are categorised into: companies that have declared their intention to join CAC, and companies certified by CAC.