

# TMBThanachart Bank

TMBThanachart Bank  
Public Company Limited

# TTB

Bloomberg  
Reuters

TTB TB  
TTB.BK



## 3Q22: Beat; Potential capital management

**We upgrade to Outperform with a TP hike to Bt1.5 from Bt1.3 on potential capital management and upward revision in earnings. 3Q22 beat forecasts on lower provisions and better NIM with stagnant loans, lower non-NII and easing cost to income ratio. We expect 4Q22F earnings to be down QoQ (higher provisions and opex) but up slightly YoY.**

**3Q22: Beat on lower provisions.** 3Q22 earnings were Bt3.72bn (+8% QoQ, +57% YoY), beating consensus by 19% and us by 22% on provisioning and NIM.

### Highlights:

- 1) Asset quality: NPLs fell Bt558mn or 1.3% QoQ (+8.1% if write-offs are added back). Credit cost slid 2 bps QoQ to 1.25%, lower than expected. Stage-2 loans rose 1.7% QoQ on tougher staging guidelines on a modified portfolio. LLR coverage inched up to 135% from 133% at 2Q22. TTB expects 2022 credit cost to be below the 1.4% low-end guidance after achieving 1.31% in 9M22. We thus cut our 2022F credit cost to 1.33% from 1.4%, forecasting a QoQ rise in credit cost to 1.4% in 4Q22.
- 2) Loan growth: +0.1% QoQ, +2.5% YoY and 1.6% YTD. Retail loans grew 1.6% QoQ and 3.2% YTD in all segments. Corporate loans fell 1.3% QoQ and 2.5% YTD on repayment of government P/N. SME loans contracted 3.7% QoQ but grew 9% YTD due to a segment reclassification.
- 3) NIM: Better than expected, +11 bps QoQ with a 13 bps QoQ rise in yield on earning assets on a shift in loan mix toward high-yield segments and a 1 bps QoQ rise in cost of funds.
- 4) Non-NII: -2% QoQ (+12% YoY) due to lower net fee and service income and other income. Fee and service income was down 4% QoQ (lower asset management fees) but up 12% YoY (higher bancassurance).
- 5) Cost to income ratio: -23 bps QoQ (-127 bps YoY) to 45.7%. Opex is expected to rise in 4Q22 from personnel, IT and marketing expenses.

**Potential capital management.** TTB is considering capital management in view of an overly high capital adequacy ratio of 20% with 16% tier-1. We thus raise dividend payout to 50% from 35% and note it is considering other options, which may include a treasury stock program.

**Raise forecasts.** We raise 2022F by 10% and 2023F by 9%, adjusting credit cost and NIM to 3Q22 results. 9M22 earnings accounted for 77% of our 2022F. We expect 4Q22F to slip QoQ (higher provisions and opex) and rise slightly YoY.

**Upgrade to Outperform from Neutral with a TP hike** to Bt1.5 (0.65x PBV for 2023F) from Bt1.3 to reflect the earnings revision and multiple re-rating from potential capital management.

**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)	36,806	33,972	34,698	35,418	37,718
Net profit	(Bt mn)	10,112	10,474	13,390	13,897	15,108
PPP/Sh	(Bt)	0.38	0.35	0.36	0.37	0.39
EPS	(Bt)	0.10	0.11	0.14	0.14	0.16
BVPS	(Bt)	2.12	2.18	2.27	2.34	2.43
DPS	(Bt)	0.05	0.04	0.07	0.07	0.08
P/PPP	(x)	3.35	3.64	3.56	3.49	3.28
PPP growth	(%)	95.54	(7.70)	2.14	2.07	6.49
P/E	(x)	12.20	11.81	9.24	8.90	8.19
EPS growth	(%)	39.94	3.35	27.84	3.79	8.71
P/BV	(x)	0.60	0.59	0.56	0.55	0.53
ROE	(%)	5.06	5.04	6.23	6.24	6.56
Dividend yield	(%)	3.52	2.97	5.41	5.62	6.11

Source: InnovestX Research

## Tactical: OUTPERFORM (3-month)

### Stock data

Last close (Oct 20) (Bt)	1.28
Target price (Bt)	1.50
Mkt cap (Btbn)	123.76
Mkt cap (US\$mn)	3,253

Beta	L
Mkt cap (%) SET	0.64
Sector % SET	9.41
Shares issued (mn)	96,687
Par value (Bt)	0.95
12-m high / low (Bt)	1.5 / 1.1
Avg. daily 6m (US\$mn)	8.73
Foreign limit / actual (%)	49 / 27
Free float (%)	31.4
Dividend policy (%)	NA

### 2021 Sustainability / ESG Score

Sustainability Index (THSI)	Included
-----------------------------	----------

ESG Bloomberg Score	n.a.
Environmental Score	n.a.
Social Score	n.a.
Governance Score	n.a.

Source: Bloomberg Finance L.P.

### Share performance

(%)	1M	3M	12M
Absolute	1.6	8.5	13.3
Relative to SET	4.2	5.3	16.9

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>47.89</b>	<b>n.a.</b>
<b>Environment</b>	<b>19.72</b>	<b>n.a.</b>
Total GHG Emissions (thousands of metric tonnes)	16.59	n.a.
Total Water Use (thousands of cubic meters)	n.a.	n.a.
Hazardous Waste (thousands of metric tonnes)	0.14	n.a.
Total Waste (thousands of metric tonnes)	0.21	n.a.
<b>Social</b>	<b>36.46</b>	<b>n.a.</b>
Number of Employees	8,838.00	n.a.
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	253.46	n.a.
<b>Governance</b>	<b>87.36</b>	<b>n.a.</b>
Size of the Board	13.00	14.00
Indep Directors	5.00	5.00
% Indep Directors	38.46	35.71
Board Duration (Years)	3.00	3.00
# Board Meetings	16.00	19.00
Board Mtg Attendance (%)	95.39	98.85

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	2021F	2022F	2023F	2024F
Interest & dividend income	(Btmn)	34,713	35,128	39,837	72,321	64,239	64,542	74,455	79,331
Interest expense	(Btmn)	9,979	10,632	12,972	18,515	13,240	13,744	22,984	25,342
<b>Net interest income</b>	<b>(Btmn)</b>	<b>24,734</b>	<b>24,497</b>	<b>26,865</b>	<b>53,805</b>	<b>51,000</b>	<b>50,798</b>	<b>51,471</b>	<b>53,989</b>
Non-interest income	(Btmn)	12,705	23,482	12,632	14,623	14,191	14,280	14,663	15,058
Non-interest expenses	(Btmn)	17,792	17,475	20,674	31,623	31,219	30,380	30,717	31,329
Pre-provision profit	(Btmn)	19,646	30,504	18,822	36,806	33,972	34,698	35,418	37,718
Provision	(Btmn)	8,915	16,100	10,337	24,831	21,514	18,434	18,561	19,398
Pre-tax profit	(Btmn)	10,732	14,403	8,486	11,975	12,458	16,264	16,857	18,320
Tax	(Btmn)	2,004	2,866	1,588	2,223	2,327	3,171	3,287	3,572
Equities & minority interest	(Btmn)	41	(64)	(324)	(260)	(343)	(297)	(327)	(360)
<b>Core net profit</b>	<b>(Btmn)</b>	<b>8,687</b>	<b>11,601</b>	<b>7,222</b>	<b>10,112</b>	<b>10,474</b>	<b>13,390</b>	<b>13,897</b>	<b>15,108</b>
Extra item	(Btmn)	0	0	0	0	0	0	0	0
<b>Net profit</b>	<b>(Btmn)</b>	<b>8,687</b>	<b>11,601</b>	<b>7,222</b>	<b>10,112</b>	<b>10,474</b>	<b>13,390</b>	<b>13,897</b>	<b>15,108</b>
<b>EPS</b>	<b>(Bt)</b>	<b>0.20</b>	<b>0.26</b>	<b>0.07</b>	<b>0.10</b>	<b>0.11</b>	<b>0.14</b>	<b>0.14</b>	<b>0.16</b>
<b>DPS</b>	<b>(Bt)</b>	<b>0.06</b>	<b>0.07</b>	<b>0.04</b>	<b>0.05</b>	<b>0.04</b>	<b>0.07</b>	<b>0.07</b>	<b>0.08</b>

### Balance Sheet

FY December 31	Unit	2017	2018	2019	2020	2021F	2022F	2023F	2024F
Cash	(Btmn)	17,872	15,234	23,853	21,943	16,011	16,354	17,575	18,448
Interbank assets	(Btmn)	112,534	113,522	236,311	211,185	158,873	174,760	183,498	192,673
Investments	(Btmn)	61,305	78,054	175,218	146,738	190,270	199,281	199,281	199,281
<b>Gross loans</b>	<b>(Btmn)</b>	<b>643,373</b>	<b>685,707</b>	<b>1,392,225</b>	<b>1,392,925</b>	<b>1,372,315</b>	<b>1,399,761</b>	<b>1,455,752</b>	<b>1,528,539</b>
Accrued interest receivable	(Btmn)	969	1,308	1,883	8,533	7,369	7,369	7,369	7,369
Loan loss reserve	(Btmn)	24,969	32,975	45,477	52,978	54,472	57,906	61,467	65,865
<b>Net loans</b>	<b>(Btmn)</b>	<b>619,373</b>	<b>654,040</b>	<b>1,348,630</b>	<b>1,348,480</b>	<b>1,325,212</b>	<b>1,349,224</b>	<b>1,401,654</b>	<b>1,470,043</b>
<b>Total assets</b>	<b>(Btmn)</b>	<b>843,872</b>	<b>891,713</b>	<b>1,864,678</b>	<b>1,808,332</b>	<b>1,759,181</b>	<b>1,810,381</b>	<b>1,874,938</b>	<b>1,955,787</b>
Deposits	(Btmn)	611,430	649,568	1,398,112	1,373,408	1,339,195	1,382,049	1,439,404	1,512,094
Interbank liabilities	(Btmn)	60,349	64,267	86,626	75,909	84,966	84,966	84,966	84,966
Borrowings	(Btmn)	33,352	35,124	108,835	88,965	68,398	68,398	68,398	68,398
<b>Total liabilities</b>	<b>(Btmn)</b>	<b>754,016</b>	<b>792,934</b>	<b>1,669,870</b>	<b>1,603,582</b>	<b>1,548,345</b>	<b>1,591,199</b>	<b>1,648,554</b>	<b>1,721,244</b>
Minority interest	(Btmn)	0	0	30	37	1	1	1	1
Paid-up capital	(Btmn)	41,648	41,659	91,541	91,589	91,792	91,792	91,792	91,792
<b>Total Equities</b>	<b>(Btmn)</b>	<b>89,856</b>	<b>98,779</b>	<b>194,777</b>	<b>204,713</b>	<b>210,835</b>	<b>219,180</b>	<b>226,383</b>	<b>234,542</b>
<b>BVPS</b>	<b>(Bt)</b>	<b>2.05</b>	<b>2.25</b>	<b>2.02</b>	<b>2.12</b>	<b>2.18</b>	<b>2.27</b>	<b>2.34</b>	<b>2.43</b>

### Key Assumptions and Financial Ratios

FY December 31	Unit	2017	2018	2019	2020	2021F	2022F	2023F	2024F
<b>Growth</b>									
YoY loan growth	(%)	8.41	6.58	103.03	0.05	(1.48)	2.00	4.00	5.00
YoY non-NII growth	(%)	21.44	84.82	(46.21)	15.77	(2.95)	0.62	2.68	2.69
<b>Profitability</b>									
Yield on earn'g assets	(%)	4.34	4.15	2.97	4.07	3.70	3.69	4.12	4.22
Cost on int-bear'g liab	(%)	1.44	1.46	1.11	1.18	0.87	0.91	1.47	1.56
Spread	(%)	2.90	2.68	1.86	2.89	2.83	2.79	2.65	2.67
Net interest margin	(%)	3.09	2.89	2.00	3.03	2.94	2.91	2.85	2.87
ROE	(%)	10.01	12.30	4.92	5.06	5.04	6.23	6.24	6.56
ROA	(%)	1.04	1.34	0.52	0.55	0.59	0.75	0.75	0.79
<b>Asset Quality</b>									
NPLs/Total Loans	(%)	2.72	3.17	2.71	2.84	3.07	3.07	2.80	2.54
LLR/NPLs	(%)	142.90	151.82	120.48	133.80	129.32	134.78	150.60	169.87
Provision expense/Total loans	(%)	1.44	2.42	0.99	1.78	1.56	1.33	1.30	1.30
<b>Liquidity</b>									
Loans/Deposits & borrowings	(%)	99.78	100.15	92.39	95.25	97.49	96.51	96.55	96.71
<b>Efficiency</b>									
Cost to income ratio	(%)	47.52	36.42	52.34	46.21	47.89	46.68	46.45	45.37
<b>Capital Fund</b>									
Capital adequacy ratio	(%)	17.46	17.34	19.28	19.88	19.60	19.50	18.78	17.94
Tier-1	(%)	13.29	13.56	14.63	15.46	15.33	15.05	14.50	13.84
Tier-2	(%)	4.17	3.78	4.65	4.42	4.27	4.45	4.29	4.10

## Financial statement

### Profit and Loss Statement

FY December 31	Unit	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
Interest & dividend income	(Btmn)	17,244	16,350	16,064	15,836	15,990	15,677	15,885	16,519
Interest expense	(Btmn)	3,725	3,478	3,281	3,259	3,221	3,268	3,471	3,550
<b>Net interest income</b>	(Btmn)	<b>13,519</b>	<b>12,872</b>	<b>12,782</b>	<b>12,577</b>	<b>12,769</b>	<b>12,409</b>	<b>12,414</b>	<b>12,968</b>
Non-interest income	(Btmn)	4,231	3,879	3,005	2,990	4,317	3,273	3,413	3,334
Non-interest expenses	(Btmn)	8,086	7,928	7,402	7,268	8,622	6,987	7,262	7,447
Earnings before tax & provision	(Btmn)	9,663	8,823	8,386	8,299	8,464	8,695	8,565	8,855
Provision	(Btmn)	8,237	5,480	5,491	5,527	5,017	4,808	4,382	4,361
Pre-tax profit	(Btmn)	1,427	3,343	2,895	2,773	3,447	3,887	4,183	4,494
Tax	(Btmn)	258	653	472	509	693	784	807	827
Equities & minority interest	(Btmn)	(66)	(92)	(111)	(95)	(45)	(92)	(62)	(47)
<b>Core net profit</b>	(Btmn)	<b>1,235</b>	<b>2,782</b>	<b>2,534</b>	<b>2,359</b>	<b>2,799</b>	<b>3,195</b>	<b>3,439</b>	<b>3,715</b>
Extra item	(Btmn)	0	0	0	0	0	0	0	0
<b>Net profit</b>	(Btmn)	<b>1,235</b>	<b>2,782</b>	<b>2,534</b>	<b>2,359</b>	<b>2,799</b>	<b>3,195</b>	<b>3,439</b>	<b>3,715</b>
<b>EPS</b>	(Bt)	<b>0.01</b>	<b>0.03</b>	<b>0.03</b>	<b>0.02</b>	<b>0.03</b>	<b>0.03</b>	<b>0.04</b>	<b>0.04</b>

### Balance Sheet

FY December 31	Unit	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
Cash	(Btmn)	21,943	18,220	16,088	14,709	16,011	13,609	12,949	15,153
Interbank assets	(Btmn)	211,185	213,646	169,648	153,824	158,873	200,002	199,947	172,266
Investments	(Btmn)	146,738	154,458	178,040	184,385	190,270	188,388	184,872	201,027
<b>Gross loans</b>	(Btmn)	<b>1,392,925</b>	<b>1,380,211</b>	<b>1,358,766</b>	<b>1,359,454</b>	<b>1,372,315</b>	<b>1,365,992</b>	<b>1,392,608</b>	<b>1,394,000</b>
Accrued interest receivable	(Btmn)	8,533	7,145	7,130	7,232	7,369	7,148	7,351	7,499
Loan loss reserve	(Btmn)	52,978	53,800	54,419	53,923	54,472	55,476	55,022	56,603
<b>Net loans</b>	(Btmn)	<b>1,348,480</b>	<b>1,333,556</b>	<b>1,311,477</b>	<b>1,312,763</b>	<b>1,325,212</b>	<b>1,317,664</b>	<b>1,344,937</b>	<b>1,344,896</b>
<b>Total assets</b>	(Btmn)	<b>1,808,332</b>	<b>1,794,474</b>	<b>1,748,473</b>	<b>1,750,040</b>	<b>1,759,181</b>	<b>1,789,198</b>	<b>1,821,963</b>	<b>1,823,533</b>
Deposits	(Btmn)	1,373,408	1,383,733	1,324,159	1,325,187	1,339,195	1,360,213	1,394,947	1,373,624
Interbank liabilities	(Btmn)	75,909	65,484	80,730	73,308	84,966	92,968	84,806	98,542
Borrowings	(Btmn)	88,965	74,354	75,516	82,830	68,398	67,885	68,948	73,203
<b>Total liabilities</b>	(Btmn)	<b>1,603,582</b>	<b>1,586,893</b>	<b>1,542,613</b>	<b>1,542,149</b>	<b>1,548,345</b>	<b>1,575,976</b>	<b>1,609,099</b>	<b>1,608,839</b>
Minority interest	(Btmn)	37	38	39	18	1	1	1	1
Paid-up capital	(Btmn)	91,589	91,589	91,589	91,676	91,792	91,792	91,792	91,853
<b>Total Equities</b>	(Btmn)	<b>204,713</b>	<b>207,542</b>	<b>205,821</b>	<b>207,872</b>	<b>210,835</b>	<b>213,221</b>	<b>212,862</b>	<b>214,693</b>
<b>BVPS</b>	(Bt)	<b>2.12</b>	<b>2.15</b>	<b>2.13</b>	<b>2.15</b>	<b>2.18</b>	<b>2.21</b>	<b>2.20</b>	<b>2.22</b>

### Financial Ratios

FY December 31	Unit	4Q20	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22
<b>Growth</b>									
YoY loan growth	(%)	0.05	(1.66)	(1.67)	(0.27)	(1.48)	(1.03)	2.49	2.54
YoY non-NII growth	(%)	19.95	(4.02)	(12.76)	2.87	2.05	(15.61)	13.57	11.51
<b>Profitability</b>									
Yield on earn'g assets	(%)	3.91	3.74	3.72	3.72	3.74	3.61	3.60	3.73
Cost on int-bear'g liab	(%)	0.96	0.91	0.87	0.88	0.87	0.87	0.90	0.92
Spread	(%)	2.95	2.83	2.85	2.84	2.87	2.74	2.69	2.81
Net interest margin	(%)	3.06	2.94	2.96	2.96	2.99	2.86	2.81	2.93
ROE	(%)	2.42	5.40	4.90	4.56	5.35	6.03	6.46	6.95
ROA	(%)	0.27	0.62	0.58	0.54	0.64	0.71	0.75	0.81
<b>Asset Quality</b>									
NPLs/Total Loans	(%)	2.84	3.14	3.20	3.27	3.07	3.09	2.97	3.00
LLR/NPLs	(%)	133.80	123.96	124.98	121.42	129.32	131.63	133.13	135.13
Provision expense/Total loans	(%)	2.39	1.58	1.60	1.63	1.47	1.40	1.27	1.25
<b>Liquidity</b>									
Loans/Deposits & borrowings	(%)	95.25	94.66	97.08	96.55	97.49	95.65	95.13	96.35
<b>Efficiency</b>									
Cost to income ratio	(%)	46.13	47.40	47.13	46.93	50.45	44.58	45.89	45.66
<b>Capital Fund</b>									
Capital adequacy ratio	(%)	19.50	19.50	19.60	19.70	19.60	19.37	19.84	20.00
Tier-1	(%)	15.40	15.50	15.50	15.60	15.33	15.36	15.83	16.00
Tier-2	(%)	4.10	4.00	4.10	4.10	4.27	4.01	4.02	4.00

**Figure 1: Quarterly results**

P & L (Bt mn)	3Q21	2Q22	3Q22	%YoY ch	%QoQ ch	9M21	9M22	%YoY ch	% full year
Interest income	15,836	15,885	16,519	4	4	48,250	48,081	(0)	74
Interest expense	3,259	3,471	3,550	9	2	10,018	10,290	3	75
Net interest income	12,577	12,414	12,968	3	4	38,231	37,791	(1)	74
Non-interest income	2,990	3,413	3,334	12	(2)	9,874	10,020	1	70
Operating expenses	7,268	7,262	7,447	2	3	22,597	21,696	(4)	71
Pre-provision profit	8,299	8,565	8,855	7	3	25,508	26,115	2	75
Provision	5,527	4,382	4,361	(21)	(0)	16,497	13,551	(18)	74
Pre-tax profit	2,773	4,183	4,494	62	7	9,011	12,564	39	77
Income tax	509	807	827	62	2	1,634	2,417	48	76
MI and equity	95	62	47	(51)	(25)	298	201	(32)	NA
Net profit	2,359	3,439	3,715	57	8	7,675	10,348	35	77
EPS (Bt)	0.02	0.04	0.04	57	8	0.08	0.11	35	77
B/S (Bt mn)	3Q21	2Q22	3Q22	%YoY ch	%QoQ ch	9M21	9M22	%YoY ch	% full year
Gross loans	1,359,454	1,392,608	1,394,000	2.5	0.1	1,359,454	1,394,000	3	NM
Deposits	1,325,187	1,394,947	1,373,624	4	(2)	1,325,187	1,373,624	4	NM
BVPS (Bt)	2.15	2.20	2.22	3	1	2.15	2.22	3	NM
Ratios (%)	3Q21	2Q22	3Q22	%YoY ch*	%QoQ ch*	9M21	9M22	YoY ch*	% full year
Yield on earn. asset	3.72	3.60	3.73	0.01	0.13	3.73	3.65	(0.08)	NM
Cost of funds	0.88	0.90	0.92	0.04	0.01	0.89	0.90	0.01	NM
Net interest margin	2.96	2.81	2.93	(0.03)	0.11	2.95	2.87	(0.08)	NM
Cost to income	46.93	45.89	45.66	(1.27)	(0.23)	47.16	45.38	(1.78)	NM
Credit cost	1.63	1.27	1.25	(0.37)	(0.02)	1.60	1.31	(0.29)	NM
NPLs/total loans	3.27	2.97	3.00	(0.26)	0.04	3.27	3.00	(0.26)	NM
LLR/NPLs	121.42	133.13	135.13	13.71	2.00	121.42	135.13	13.71	NM

Source: InnovestX Research

Note: \* Percentage points

**Figure 2: Valuation summary** (price as of Oct 20, 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	143.00	168.0	21.3	10.3	8.7	6.9	54	18	26	0.6	0.5	0.5	6	6	7	2.4	3.8	4.5
KBANK	Outperform	148.50	176.0	21.7	9.2	7.9	6.7	29	17	18	0.7	0.7	0.6	8	9	10	2.2	3.2	3.7
KKP	Outperform	70.75	81.0	21.8	9.5	7.5	7.0	23	27	6	1.2	1.1	1.0	13	15	15	3.8	7.4	7.8
KTB	Outperform	17.20	18.0	9.0	11.1	8.0	7.3	29	40	10	0.7	0.7	0.6	6	8	9	2.4	4.4	4.8
TCAP	Neutral	39.50	40.0	8.9	8.7	8.7	8.0	(21)	(0)	9	0.7	0.7	0.7	8	8	8	7.6	7.6	7.6
TISCO	Neutral	95.25	103.0	16.7	11.2	10.5	10.9	12	7	(3)	1.9	1.8	1.8	17	17	16	7.5	8.5	8.2
TTB	Outperform	1.28	1.5	22.6	11.8	9.2	8.9	3	28	4	0.6	0.6	0.5	5	6	6	3.0	5.4	5.6
<b>Average</b>					<b>9.9</b>	<b>8.6</b>	<b>7.9</b>	<b>26</b>	<b>14</b>	<b>14</b>	<b>0.9</b>	<b>0.8</b>	<b>0.8</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>3.9</b>	<b>5.2</b>	<b>5.5</b>

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, BKI, 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, LANN, 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, SEAFICO, 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, SYNTTEC, 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, COLOR, 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, HTC, HYDRO, ICN, IFS, IMH, IND, INET, INSET, INSURE, IRC, IRCP, 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, 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, SMIT, SMT, SNP, 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, WIIG, 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, TPAS, TPOLY, TQR, TTI, TYCN, UMC, 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

\* บริษัทหรือกรรมการหรือผู้บริหารของบริษัทที่มีส่วนดำเนินการทบทวนผลการดำเนินงาน เช่น การกระทำเกี่ยวกับหลักทรัพย์ การทุจริต คอรัปชัน เป็นต้น ซึ่งการใช้ข้อมูล CGR ควรระมัดระวังข้อมูลที่เกี่ยวข้องกับความเสี่ยง

### Anti-corruption Progress Indicator

#### Certified (ได้รับรับรอง)

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, BKI, 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, LANN, 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, SMIT, SMK, SMPC, SNC, SNP, SORKON, SPACK, SPALI, SPC, SPI, SPRC, SRICHA, SSF, SSP, SSSC, SST, STA, STGT, STOWER, SUSCO, SVI, SYMC, SYNTTEC, 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, WIIG, XO, YUASA, ZEN, ZIGA

#### Declared (ประกาศเจตนารมณ์)

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, AMARC, AMARIN, AMC, AMR, ANAN, AOT, APEX, APP, APURE, AQ, AQUA, ARIN, ARIP, ARROW, ASAP, ASEFA, ASIA, ASIMAR, ASN, ATP30, AU, AUCTION, BA, BBGI, BBK, BC, BCT, BDMS, BEAUTY, BEM, BGT, BH, BIG, BIOTECH, 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, HJT, HL, HPT, HTECH, HUMAN, HYDRO, ICN, IFEC, IHL, IIG, IMH, IND, INGRS, INSET, IP, IRCP, 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, NFK, 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, POMPU, PORT, POST, PPM, PRAKIT, PRAPAT, PRECHA, PRIME, PRIN, PRO, PROEN, PROUD, PSG, PTC, PTECH, PTL, RAM, RBF, RCL, RICHY, RJH, ROCK, ROH, ROJNA, RP, RPC, RPH, RSP, RT, S, S11, SA, SABUY, SAFARI, SALEE, SAM, SAMART, SAMCO, SAMTEL, SANKO, SAUCE, SAWAD, SAWANG, SCAP, SCI, SCP, SDC, SE, SEAFICO, 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, TK, TKC, TLI, TM, TMC, TMW, TNDT, TNH, TNPC, TOA, TPAC, TPBI, TPCH, TPIPL, TPIPP, TPAS, TPOLY, TPS, TQR, TR, TRC, TRITN, TRUBB, TRV, TSE, TSF, TSI, TTI, TTW, TWT, 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.