

## 1Q24 results at first glance

TARGET PRICE	THB191.00
CLOSE	THB143.50
UP/DOWNSIDE	+33.1%
TP vs CONSENSUS	+9.2%

## 1Q24 results in line: asset quality is manageable

BBL's 1Q24 net profit was THB10.5b, which was in line with our estimate but 5% below the consensus. This marked a significant rise of 18.7% q-q and 3.9% y-y, accounting for 25% of our full-year forecast. However, PPOP was lower than expected despite an increase of 18.8% q-q and 2.9% y-y. A decline in operating expenses post-seasonal effect in 4Q23 and impressive growth of the non-NII were key factors that offset a decline in the NII and NIM. Despite its asset quality being worse than expected with a rise in NPLs (less aggressive debt write-offs from seasonality), ECLs (partly for ITD), and a decline in the coverage ratio (still the highest compared to peers), we view it as controllable and broadly in line with our estimate.

We retain our 2024-26 forecast with a 3.7% CAGR and a BUY call. Our GGM-based 2024 TP is THB191, implying a P/BV of 0.65x. However, the consensus's overestimated 1Q24 results, combined with the deterioration of its asset quality, could pressure BBL's share price in the short term.

## Highlights

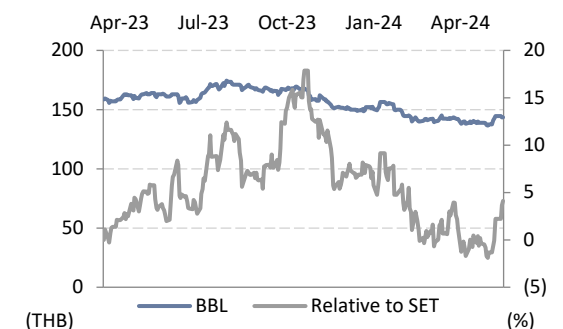
**(-) Net interest income and NIM were lower than expected.** The NII amounted to THB33.4b, decreasing by 5.0% q-q (but increasing by 11.1% y-y), primarily due to a decline in interest income on loans. 1Q24 loans grew better than expected by 2.4% q-q and 3.6% y-y, aligning with its 2024 guidance of 3-5% y-y and our 2024 forecast of 3.0% y-y, due mainly to the growth in most segments except housing. NIM contracted by 17bp to 2.97%, which was below our expectations, owing to the effects of lower loan yields (partly from the aggressive loan growth during March 2024, when the interest income has yet to be fully realized) and higher cost of funds.

**(+) Non-NII was better than expected.** Net Fee income grew in line with our forecast, supported by better performance of bancassurance and mutual fund fees. Other non-NII, which rose better than expected, was attributed to a growth in investment gains (from losses in 4Q23) and seasonal dividend income.

**(0) OPEX and cost-to-income ratio were slightly higher than expected.** Despite significantly lower operating expenses from the effects of seasonality, a decrease in operating income partly offset the positive factor. The 1Q24 cost-to-income ratio finished at 47.1% (vs our 46.4% forecast and 56.0% in 4Q23), which was still in line with its 2024 guidance of high-40s% and our forecast of 48.9%.

## KEY STOCK DATA

YE Dec (THB m)	2023	2024E	2025E	2026E
Operating profit	52,046	53,094	55,298	58,609
Net profit	41,635	42,037	43,779	46,404
EPS (THB)	21.81	22.02	22.93	24.31
vs Consensus (%)	-	(3.9)	(3.8)	(4.4)
Recurring net profit	41,635	42,037	43,779	46,404
Core EPS (THB)	21.81	22.02	22.93	24.31
EPS growth (%)	42.1	1.0	4.1	6.0
Core P/E (x)	6.6	6.5	6.3	5.9
Dividend yield (%)	4.5	4.5	4.7	4.9
Price/book (x)	0.5	0.5	0.5	0.4
ROE (%)	8.1	7.7	7.6	7.6
ROA (%)	0.9	0.9	0.9	1.0



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	3.2	(1.0)	(10.3)
Relative to country (%)	5.1	0.2	5.0
Mkt cap (USD m)	7,447		
3m avg. daily turnover (USD m)	30.5		
Free float (%)	76		
Major shareholder	Thai NVDR (23%)		
12m high/low (THB)	175.00/135.50		
Issued shares (m)	1,909		

Sources: Bloomberg consensus; FSSIA estimates



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**(-) Asset quality was below our expectations but manageable.** Its NPL ratio (FSSIA's calculated) rose to 3.43% from 3.22% at the end of 2023. Typically, BBL aggressively writes off debts in 4Q, causing the NPL ratio to drop sharply in the past couple of years. Despite that, we view the rise as unrelated to reclassifying its troubled corporate debts, ITD, to stage 3 loan. The 1Q24 credit costs rose sharply to 127bp from 109bp in 4Q23, below our estimate but exceeding its 2024 guidance of 90-100bp, which we believe was partly for ITD. It, in turn, caused the coverage ratio to drop sharply from 315% at the end of 2023 to 292%. However, it remains the highest level compared to the industry average.

### Exhibit 1: BBL – 1Q24 operation summary

Year end Dec 31	1Q23	2Q23	3Q23	4Q23	1Q24	----- Change -----		% of	2024E	Change
	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)	(q-q%)	(y-y%)	2024E	(THB m)	(y-y %)
Net interest income	30,077	31,487	34,130	35,165	33,422	(5.0)	11.1	25	134,594	2.9
Non-interest income	10,215	10,956	8,443	7,013	8,260	17.8	(19.1)	22	37,643	2.8
Fee income - net	7,122	6,571	6,773	6,768	6,927	2.3	(2.7)	25	27,513	1.0
Total operating income	40,293	42,443	42,573	42,178	41,682	(1.2)	3.4	24	172,237	2.8
Total operating expenses	18,850	20,111	19,208	23,607	19,618	(16.9)	4.1	23	84,143	2.9
PPOP before tax	21,442	22,332	23,365	18,572	22,064	18.8	2.9	25	88,094	2.8
Expected credit loss	8,474	8,880	8,969	7,343	8,582	16.9	1.3	25	35,000	4.0
Income tax	2,728	2,047	2,938	2,281	2,849	24.9	4.5	27	10,619	6.3
Non-controlling interest	112	112	108	84	109	30.0	(2.3)	25	438	5.0
<b>Net profit</b>	<b>10,129</b>	<b>11,293</b>	<b>11,350</b>	<b>8,863</b>	<b>10,524</b>	<b>18.7</b>	<b>3.9</b>	<b>25</b>	<b>42,037</b>	<b>1.0</b>
EPS (THB)	5.31	5.92	5.95	4.64	5.51	18.7	3.9	25	22.02	1.0
<b>Key ratios</b>	<b>1Q23</b>	<b>2Q23</b>	<b>3Q23</b>	<b>4Q23</b>	<b>1Q24</b>	<b>----- Change -----</b>			<b>2024E</b>	<b>Change</b>
Asset quality ratio	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)	(q-q%)	(y-y%)		(%)	(y-y %)
Gross NPLs (THB m)	98,359	93,285	94,884	85,955	93,949	(9.4)	(11.6)		87,963	(11.6)
% from prior period	1.2	(5.2)	1.7	(9.4)	9.3				2.3	
NPL ratio (%)*	3.73	3.46	3.48	3.22	3.43				3.20	
NPL ratios (%) - reported	3.09	2.90	3.00	2.70	3.00					
Coverage ratio (%) - reported	265	287	283	315	292					
Credit cost (bp)	127	133	132	109	127				129	
<b>Profitability ratio</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>				<b>(%)</b>	
Cost to income ratio	46.8	47.4	45.1	56.0	47.1				48.9	
Average yield (%)	4.01	4.26	4.51	4.70	4.59				4.43	
Cost of funds (%)	1.53	1.70	1.74	1.87	1.96				1.80	
NIM (%)*	2.73	2.83	3.06	3.14	2.97				2.94	
NIM (%) - reported	2.84	2.91	3.11	3.19	3.06					
Non-NII /total inc. (%)	25.4	25.8	19.8	16.6	19.8				21.9	
<b>Liquidity ratio</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>				<b>(%)</b>	
Loan to deposit	82.3	84.3	86.1	83.9	85.6				83.9	
LDBR	77.8	79.5	80.0	78.7	80.5				78.7	
<b>Capital adequacy ratio</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>				<b>(%)</b>	
CAR	19.2	19.1	19.6	19.6	19.7				20.3	
CET 1/ Risk assets	14.9	14.9	15.4	15.4	15.6				16.2	
Tier 2 / Risk assets	3.5	3.4	3.4	3.4	3.4				3.3	
<b>Loan growth</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>	<b>(%)</b>				<b>(%)</b>	
q-q	(1.6)	2.2	0.9	(1.9)	2.4					
y-y	2.0	1.7	(2.6)	(0.4)	3.6				3.0	
Year-to-date	(1.6)	0.6	1.5	(0.4)	2.4					

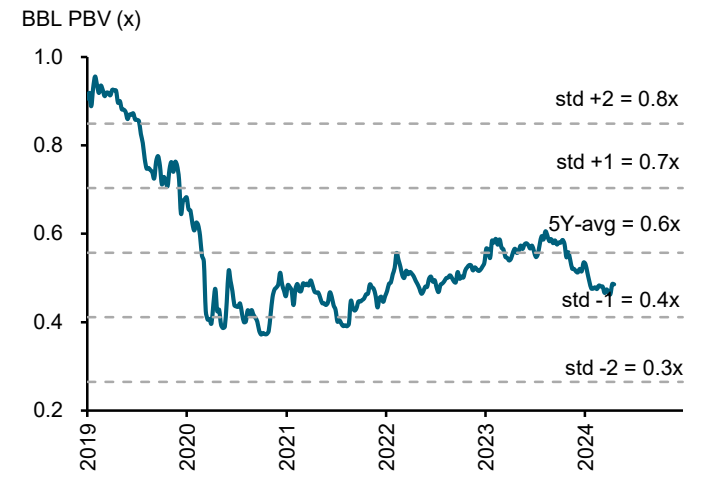
Sources: BBL; FSSIA estimates

**Exhibit 2: GGM-based 2024 TP**

Gordon growth model	2024E
Sustainable ROE	7.0%
g	1.0%
ROE-g	6.0%
Beta	0.90
RF	3.0%
MRP	8.0%
COE	10.2%
COE-g	9.2%
<b>ROE-g/COE-g (PBV)</b>	<b>0.65</b>
<b>FV (THB)</b>	<b>191.0</b>

Source: FSSIA estimates

**Exhibit 4: BBL – one-year prospective PBV band**



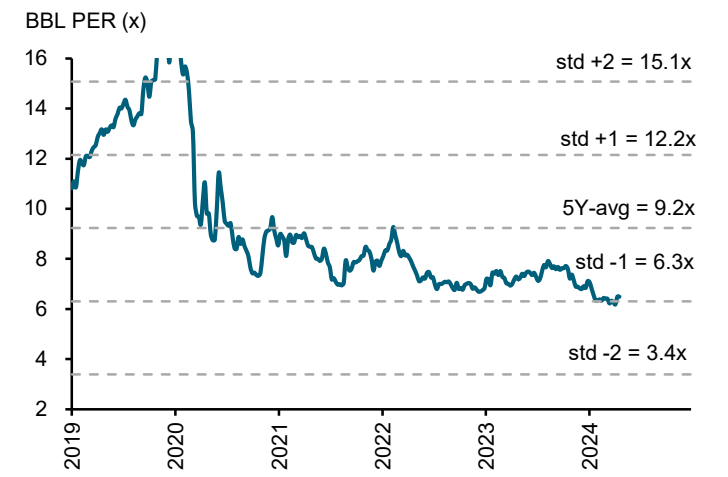
Sources: Bloomberg; FSSIA estimates

**Exhibit 3: Share price performance of banks under coverage, as of 18 April 2024**

	Price performance				
	1M (%)	3M (%)	6M (%)	1Y (%)	YTD (%)
<b>BBL TB</b>	<b>2.50</b>	<b>(0.69)</b>	<b>(14.84)</b>	<b>(9.18)</b>	<b>(8.31)</b>
KBANK TB	1.20	0.40	(0.40)	(4.18)	(6.67)
KKP TB	(1.45)	6.25	(2.86)	(20.00)	1.49
KTB TB	0.62	(9.94)	(15.54)	(2.40)	(11.41)
SCB TB	(9.09)	0.00	1.45	4.48	(0.94)
TISCO TB	(0.25)	2.05	1.79	0.00	0.00
TTB TB	(5.43)	2.96	1.16	22.54	4.19
<b>SETBANK</b>	<b>(1.94)</b>	<b>(1.52)</b>	<b>(6.27)</b>	<b>(2.04)</b>	<b>(4.74)</b>
<b>SET</b>	<b>(1.55)</b>	<b>(1.55)</b>	<b>(4.36)</b>	<b>(13.90)</b>	<b>(3.87)</b>

Source: Bloomberg

**Exhibit 5: BBL – one-year prospective PER band**



Sources: Bloomberg; FSSIA estimates

## Financial Statements

### Bangkok Bank

Profit and Loss (THB m) Year Ending Dec	2022	2023	2024E	2025E	2026E
Interest Income	139,088	194,365	202,719	210,424	218,320
Interest expense	(36,865)	(63,505)	(68,125)	(71,981)	(74,559)
Net interest income	102,223	130,860	134,594	138,443	143,761
Net fees & commission	27,508	27,234	27,513	27,789	28,066
Foreign exchange trading income	5,155	5,544	5,544	5,544	5,544
Securities trading income	(1,454)	(482)	0	0	0
Dividend income	2,306	2,330	2,447	2,569	2,698
Other income	3,156	2,001	2,139	2,287	2,446
Non interest income	36,672	36,627	37,643	38,189	38,754
Total income	138,895	167,487	172,237	176,632	182,514
Staff costs	(34,794)	(35,921)	(38,436)	(39,973)	(41,572)
Other operating costs	(34,225)	(45,854)	(45,707)	(47,360)	(49,334)
Operating costs	(69,019)	(81,775)	(84,143)	(87,333)	(90,905)
Pre provision operating profit	69,876	85,712	88,094	89,298	91,609
Expected credit loss	(32,647)	(33,667)	(35,000)	(34,000)	(33,000)
Other provisions	-	-	-	-	-
Operating profit	37,229	52,046	53,094	55,298	58,609
Recurring non operating income	0	0	0	0	0
Associates	-	-	-	-	-
Goodwill amortization	-	-	-	-	-
Non recurring items	0	0	0	0	0
Profit before tax	37,229	52,046	53,094	55,298	58,609
Tax	(7,484)	(9,993)	(10,619)	(11,060)	(11,722)
Profit after tax	29,746	42,052	42,475	44,239	46,887
Non-controlling interest	(440)	(417)	(438)	(460)	(483)
Preferred dividends	-	-	-	-	-
Other items	-	-	-	-	-
Reported net profit	29,306	41,635	42,037	43,779	46,404
Non recurring items & goodwill (net)	-	-	0	0	0
Recurring net profit	29,306	41,635	42,037	43,779	46,404
<b>Per share (THB)</b>					
Recurring EPS *	15.35	21.81	22.02	22.93	24.31
Reported EPS	15.35	21.81	22.02	22.93	24.31
DPS	4.50	6.40	6.50	6.70	7.10
<b>Growth</b>					
Net interest income (%)	24.4	28.0	2.9	2.9	3.8
Non interest income (%)	(30.0)	(0.1)	2.8	1.4	1.5
Pre provision operating profit (%)	3.9	22.7	2.8	1.4	2.6
Operating profit (%)	12.3	39.8	2.0	4.2	6.0
Reported net profit (%)	10.6	42.1	1.0	4.1	6.0
Recurring EPS (%)	10.6	42.1	1.0	4.1	6.0
Reported EPS (%)	10.6	42.1	1.0	4.1	6.0
<b>Income Breakdown</b>					
Net interest income (%)	73.6	78.1	78.1	78.4	78.8
Net fees & commission (%)	19.8	16.3	16.0	15.7	15.4
Foreign exchange trading income (%)	3.7	3.3	3.2	3.1	3.0
Securities trading income (%)	(1.0)	(0.3)	-	-	-
Dividend income (%)	1.7	1.4	1.4	1.5	1.5
Other income (%)	2.3	1.2	1.2	1.3	1.3
<b>Operating performance</b>					
Gross interest yield (%)	3.22	4.38	4.43	4.42	4.42
Cost of funds (%)	1.01	1.71	1.80	1.84	1.85
Net interest spread (%)	2.21	2.67	2.63	2.58	2.57
Net interest margin (%)	2.36	2.95	2.94	2.91	2.91
Cost/income(%)	49.7	48.8	48.9	49.4	49.8
Cost/assets(%)	1.6	1.8	1.8	1.8	1.8
Effective tax rate (%)	20.1	19.2	20.0	20.0	20.0
Dividend payout on recurring profit (%)	29.3	29.3	29.5	29.2	29.2
ROE (%)	5.9	8.1	7.7	7.6	7.6
ROE - COE (%)	(4.3)	(2.1)	(2.5)	(2.6)	(2.6)
ROA (%)	0.7	0.9	0.9	0.9	1.0
RORWA (%)	1.0	1.4	1.4	1.4	2.9

\* Pre-exceptional, pre-goodwill and fully diluted

Sources: Bangkok Bank; FSSIA estimates

## Financial Statements

### Bangkok Bank

Balance Sheet (THB m) Year Ending Dec	2022	2023	2024E	2025E	2026E
Gross customer loans	2,682,691	2,671,964	2,752,123	2,834,687	2,919,727
Allowance for expected credit loss	(243,474)	(270,539)	(282,789)	(294,689)	(306,239)
interest in suspense	10,138	24,236	12,935	13,323	13,723
<b>Net customer loans</b>	<b>2,449,355</b>	<b>2,425,661</b>	<b>2,482,269</b>	<b>2,553,321</b>	<b>2,627,211</b>
Bank loans	766,074	757,120	779,833	803,228	827,325
Government securities	-	-	-	-	-
Trading securities	-	-	-	-	-
Investment securities	926,608	1,062,668	1,137,055	1,205,278	1,277,595
Cash & equivalents	52,433	45,518	53,600	49,481	44,748
Other interesting assets	-	-	-	-	-
Tangible fixed assets	73,909	72,855	76,948	81,150	85,472
Associates	-	-	-	-	-
Goodwill	-	-	-	-	-
Other intangible assets	-	-	-	-	-
Other assets	153,373	150,663	153,005	155,464	158,046
<b>Total assets</b>	<b>4,421,752</b>	<b>4,514,484</b>	<b>4,682,710</b>	<b>4,847,922</b>	<b>5,020,398</b>
Customer deposits	3,210,896	3,184,283	3,279,812	3,378,206	3,479,552
Bank deposits	262,522	334,219	367,641	393,376	420,912
Other interest bearing liabilities	188,302	212,505	218,880	225,446	232,210
Non interest bearing liabilities	252,891	252,647	255,541	258,482	261,472
Hybrid Capital	-	-	-	-	-
<b>Total liabilities</b>	<b>3,914,610</b>	<b>3,983,654</b>	<b>4,121,874</b>	<b>4,255,511</b>	<b>4,394,146</b>
Share capital	19,088	19,088	19,088	19,088	19,088
Reserves	486,258	509,886	539,707	571,078	604,694
<b>Total equity</b>	<b>505,346</b>	<b>528,975</b>	<b>558,796</b>	<b>590,167</b>	<b>623,782</b>
Non-controlling interest	1,796	1,855	2,041	2,245	2,469
<b>Total liabilities &amp; equity</b>	<b>4,421,752</b>	<b>4,514,484</b>	<b>4,682,710</b>	<b>4,847,922</b>	<b>5,020,398</b>
<b>Supplementary items</b>					
Risk weighted assets (RWA)	3,008,228	3,002,132	3,113,241	3,222,155	3,335,835
Average interest earning assets	4,325,741	4,432,852	4,580,381	4,756,102	4,933,920
Average interest bearing liabilities	3,658,397	3,709,456	3,781,959	3,902,102	4,038,216
CET 1 capital	447,590	476,473	504,671	534,134	568,217
Total capital	551,698	580,581	608,779	638,242	672,325
Gross non performing loans (NPL)	97,188	85,955	87,963	90,302	92,981
<b>Per share (THB)</b>					
Book value per share	264.74	277.12	292.14	307.83	324.64
Tangible book value per share	264.74	277.12	292.14	307.83	324.64
<b>Growth</b>					
Gross customer loans	3.6	(0.4)	3.0	3.0	3.0
Average interest earning assets	8.4	2.5	3.3	3.8	3.7
Total asset (%)	2.0	2.1	3.7	3.5	3.6
Risk weighted assets (%)	5.0	(0.2)	3.7	3.5	3.5
Customer deposits (%)	1.7	(0.8)	3.0	3.0	3.0
<b>Leverage &amp; capital measures</b>					
Customer loan/deposits (%)	76.3	76.2	75.7	75.6	75.5
Equity/assets (%)	11.4	11.7	11.9	12.2	12.4
Tangible equity/assets (%)	11.4	11.7	11.9	12.2	12.4
RWA/assets (%)	68.0	66.5	66.5	66.5	66.5
CET 1 CAR (%)	14.9	15.4	16.2	16.6	17.0
Total CAR (%)	19.1	19.6	20.3	20.6	20.9
<b>Asset Quality (FSSIA's calculation)</b>					
Change in NPL (%)	(3.9)	(11.6)	2.3	2.7	3.0
NPL/gross loans (%)	3.6	3.2	3.2	3.2	3.2
Allowance for ECL/gross loans (%)	9.1	10.1	10.3	10.4	10.5
Allowance for ECL/NPL (%)	250.5	314.7	321.5	326.3	329.4
<b>Valuation</b>					
Recurring P/E (x) *	9.3	6.6	6.5	6.3	5.9
Recurring P/E @ target price (x) *	12.4	8.8	8.7	8.3	7.9
Reported P/E (x)	9.3	6.6	6.5	6.3	5.9
Dividend yield (%)	3.1	4.5	4.5	4.7	4.9
Price/book (x)	0.5	0.5	0.5	0.5	0.4
Price/tangible book (x)	0.5	0.5	0.5	0.5	0.4
Price/tangible book @ target price (x)	0.7	0.7	0.7	0.6	0.6

\* Pre-exceptional, pre-goodwill and fully diluted

Sources: Bangkok Bank; FSSIA estimates

# Bangkok Bank PCL (BBL TB)

**FSSIA ESG rating**

★★★★

## Exhibit 6: FSSIA ESG score implication

**62.08 /100**

Rating	Score	Implication
★★★★★	>79-100	Leading its industry peers in managing the most significant ESG risks which not only better cost efficiency but also lead to higher profitability.
★★★★	<b>&gt;59-79</b>	<b>A mixed track record of managing the most significant ESG risks and opportunities relative to industry peers.</b>
★★★	>39-59	Relevant ESG materiality matrix has been constructively addressed, well-managed and incorporated into day-to-day operations, in which targets and achievements are evaluated annually.
★★	>19-39	Relevant ESG materiality matrix has been identified with key management in charge for progress to be followed up on and to provide intensive disclosure. Most targets are conventional and achievable.
★	1-19	The company has adopted the United Nations Sustainable Development Goals (UN SDGs), established sustainability management guidelines and fully complies with regulations or ESG suggested guidance from related organizations such as the SET and SEC.

Sources: FSSIA estimates

## Exhibit 7: ESG – peer comparison

	FSSIA ESG score	Domestic ratings						Global ratings						Bloomberg	
		DJSI	SET THSI	THSI	CG score	AGM level	Thai CAC	Morningstar ESG risk	ESG Book	MSCI	Moody's	Refinitiv	S&P Global	ESG score	Disclosure score
SET100	69.20	5.34	4.40	4.40	4.76	4.65	3.84	Medium	51.76	BBB	20.87	58.72	63.91	3.72	28.17
Coverage	67.12	5.11	4.15	4.17	4.83	4.71	3.53	Medium	52.04	BB	16.97	56.85	62.09	3.40	31.94
BBL	62.08	--	Y	Y	5.00	5.00	Certified	Medium	54.70	--	29.00	58.68	67.00	2.19	60.06
KBANK	84.17	Y	Y	Y	5.00	5.00	Certified	Medium	62.19	AA	46.00	73.83	83.00	4.05	59.77
KTB	63.10	--	Y	Y	5.00	5.00	Certified	Medium	53.59	BBB	34.00	64.64	64.00	2.12	59.11
SCB	62.57	Y	Y	Y	5.00	4.00	--	High	--	A	--	--	86.00	3.43	--
KKP	62.96	--	Y	Y	5.00	5.00	Certified	Medium	52.81	BBB	--	77.56	26.00	2.18	45.90
TISCO	61.17	--	Y	Y	5.00	5.00	Certified	Medium	61.41	--	--	66.13	29.00	3.57	44.21
TTB	63.69	--	Y	Y	5.00	5.00	Certified	Medium	53.98	--	36.00	56.17	71.00	3.20	52.96

Sources: SETTRADE.com; FSSIA's compilation

## Exhibit 8: ESG score by Bloomberg

FY ending Dec 31	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
<b>ESG financial materiality scores - ESG score</b>	<b>1.69</b>	<b>1.69</b>	<b>1.92</b>	<b>2.36</b>	<b>2.60</b>	<b>2.83</b>	<b>2.36</b>	<b>2.19</b>
BESG environmental pillar score	0.00	0.00	0.00	0.00	0.31	0.89	0.88	0.08
BESG social pillar score	2.05	2.03	2.39	3.54	3.58	3.58	2.32	2.81
BESG governance pillar score	3.44	3.49	3.84	3.71	4.05	3.97	4.33	4.07
<b>ESG disclosure score</b>	<b>43.14</b>	<b>43.98</b>	<b>49.13</b>	<b>55.53</b>	<b>55.31</b>	<b>57.88</b>	<b>60.92</b>	<b>60.06</b>
Environmental disclosure score	16.79	16.79	31.23	39.72	38.87	44.22	44.55	44.55
Social disclosure score	36.31	36.31	37.33	45.68	48.25	48.25	48.25	45.68
Governance disclosure score	76.22	78.72	78.72	81.10	78.72	81.10	89.86	89.86
<b>Environmental</b>								
Emissions reduction initiatives	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Climate change policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Climate change opportunities discussed	No	No	No	No	No	No	No	No
Risks of climate change discussed	No	No	No	No	No	No	Yes	Yes
GHG scope 1	--	--	4	12	12	14	12	22
GHG scope 2 location-based	--	--	20	68	67	61	58	61
GHG Scope 3	--	--	1	1	2	2	1	2
Carbon per unit of production	--	--	--	--	--	--	--	--
Biodiversity policy	No	No	Yes	Yes	No	No	No	No
Energy efficiency policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Total energy consumption	--	--	45	156	156	167	151	164
Renewable energy use	--	--	--	--	--	--	--	--
Electricity used	--	--	--	117	116	122	115	121
Fuel used - natural gas	--	--	--	--	--	--	--	--

Sources: Bloomberg; FSSIA's compilation

**Exhibit 9: ESG score by Bloomberg (cont.)**

FY ending Dec 31	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Fuel used - crude oil/diesel	No	No	No	No	No	No	No	No
Waste reduction policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hazardous waste	—	—	0	0	0	0	0	0
Total waste	—	—	1	2	5	6	4	4
Waste recycled	—	—	—	—	—	1	1	0
Waste sent to landfills	—	—	0	0	3	4	2	3
Environmental supply chain management	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Water policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Water consumption	—	—	—	124	128	116	92	100
<b>Social</b>								
Human rights policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Policy against child labor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Quality assurance and recall policy	No	No	No	No	No	No	No	No
Consumer data protection policy	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Equal opportunity policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Gender pay gap breakout	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pct women in workforce	34	65	67	67	67	67	67	66
Pct disabled in workforce	—	—	—	—	—	—	—	—
Business ethics policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Anti-bribery ethics policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Health and safety policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lost time incident rate - employees	—	—	—	—	—	—	—	—
Total recordable incident rate - employees	0	0	0	0	0	0	0	0
Training policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fair remuneration policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Number of employees – CSR	25,806	25,512	23,802	23,054	22,797	22,048	20,514	19,091
Employee turnover pct	10	10	10	10	10	8	11	13
Total hours spent by firm - employee training	3,134,200	765,360	638,014	702,052	1,267,540	883,463	1,313,310	710,376
Social supply chain management	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Governance</b>								
<b>Board size</b>	<b>17</b>	<b>17</b>	<b>18</b>	<b>17</b>	<b>17</b>	<b>19</b>	<b>19</b>	<b>18</b>
<b>No. of independent directors (ID)</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>9</b>	<b>8</b>	<b>6</b>
No. of women on board	1	1	1	1	1	1	2	1
No. of non-executive directors on board	11	12	13	9	8	10	9	7
Company conducts board evaluations	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
No. of board meetings for the year	12	12	12	12	13	13	12	12
Board meeting attendance pct	—	—	—	96	—	95	98	98
Board duration (years)	3	3	3	3	3	3	3	3
Director share ownership guidelines	No	No	No	No	No	No	No	No
Age of the youngest director	48	49	50	51	52	53	52	53
Age of the oldest director	85	86	87	88	89	90	91	92
<b>No. of executives / company managers</b>	<b>60</b>	<b>64</b>	<b>64</b>	<b>67</b>	<b>66</b>	<b>70</b>	<b>66</b>	<b>60</b>
No. of female executives	22	21	22	20	22	24	21	24
Executive share ownership guidelines	No	No	No	No	No	No	No	No
<b>Size of audit committee</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>3</b>
No. of ID on audit committee	4	4	4	4	4	4	3	3
Audit committee meetings	16	18	18	17	17	18	16	17
Audit meeting attendance %	—	89	82	88	90	89	98	94
<b>Size of compensation committee</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>
No. of ID on compensation committee	2	2	2	2	2	3	3	2
No. of compensation committee meetings	10	7	10	11	10	11	9	12
Compensation meeting attendance %	97	86	90	97	83	97	100	100
<b>Size of nomination committee</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>
No. of nomination committee meetings	10	7	10	11	10	11	9	12
Nomination meeting attendance %	97	86	90	97	83	97	100	100
<b>Sustainability governance</b>								
Verification type	No	No	No	No	No	No	Yes	Yes

Sources: Bloomberg; FSSIA's compilation



## Disclaimer for ESG scoring

ESG score	Methodology	Rating																			
The Dow Jones Sustainability Indices (DJSI) By S&P Global	The DJSI World applies a transparent, rules-based component selection process based on the companies' Total Sustainability Scores resulting from the annual S&P Global Corporate Sustainability Assessment (CSA). Only the top-ranked companies within each industry are selected for inclusion.	Be a member and invited to the annual S&P Global Corporate Sustainability Assessment (CSA) for DJSI. Companies with an S&P Global ESG Score of less than 45% of the S&P Global ESG Score of the highest scoring company are disqualified. The constituents of the DJSI indices are selected from the Eligible Universe.																			
Sustainability Investment List (THSI) by The Stock Exchange of Thailand (SET)	THSI quantifies responsibility in Environmental and Social issues by managing business with transparency in Governance, updated annually. Candidates must pass the preemptive criteria, with two crucial conditions: 1) no irregular trading of the board members and executives; and 2) free float of >150 shareholders, and combined holding must be >15% of paid-up capital. Some key disqualifying criteria include: 1) CG score of below 70%; 2) independent directors and free float violation; 3) executives' wrongdoing related to CG, social & environmental impacts; 4) equity in negative territory; and 5) earnings in red for > 3 years in the last 5 years.	To be eligible for <b>THSI inclusion</b> , verified data must be scored at a minimum of 50% for each indicator, unless the company is a part of DJSI during the assessment year. The scoring will be fairly weighted against the nature of the relevant industry and materiality. <b>SETTHSI Index</b> is extended from the THSI companies whose 1) market capitalization > THB5b (~USD150b); 2) free float >20%; and 3) liquidity >0.5% of paid-up capital for at least 9 out of 12 months. The SETTHSI Index is a market capitalisation-weighted index, cap 5% quarterly weight at maximum, and no cap for number of stocks.																			
<b>CG Score</b> by Thai Institute of Directors Association (Thai IOD)	An indicator of CG strength in sustainable development, measured annually by the Thai IOD, with support from the Stock Exchange of Thailand (SET). The results are from the perspective of a third party, not an evaluation of operations.	Scores are rated in six categories: 5 for Excellent (90-100), 4 for Very Good (80-89), 3 for Good (70-79), 2 for Fair (60-69), 1 for Pass (50-59), and not rated for scores below 50. Weightings include: 1) the rights; 2) and equitable treatment of shareholders (weight 25% combined); 3) the role of stakeholders (25%); 4) disclosure & transparency (15%); and 5) board responsibilities (35%).																			
<b>AGM level</b> By Thai Investors Association (TIA) with support from the SEC	It quantifies the extent to which shareholders' rights and equitable treatment are incorporated into business operations and information is transparent and sufficiently disclosed. All form important elements of two out of five the CG components to be evaluated annually. The assessment criteria cover AGM procedures before the meeting (45%), at the meeting date (45%), and after the meeting (10%). <i>(The first assesses 1) advance circulation of sufficient information for voting; and 2) facilitating how voting rights can be exercised. The second assesses 1) the ease of attending meetings; 2) transparency and verifiability; and 3) openness for Q&amp;A. The third involves the meeting minutes that should contain discussion issues, resolutions and voting results.)</i>	The scores are classified into four categories: 5 for Excellent (100), 4 for Very Good (90-99), 3 for Fair (80-89), and not rated for scores below 79.																			
<b>Thai CAC</b> By Thai Private Sector Collective Action Against Corruption (CAC)	The core elements of the Checklist include corruption risk assessment, establishment of key controls, and the monitoring and developing of policies. The Certification is good for three years. <i>(Companies deciding to become a CAC certified member start by submitting a Declaration of Intent to kick off an 18-month deadline to submit the CAC Checklist for Certification, including risk assessment, in place of policy and control, training of managers and employees, establishment of whistleblowing channels, and communication of policies to all stakeholders.)</i>	The document will be reviewed by a committee of nine professionals. A passed Checklist will move for granting certification by the CAC Council approvals whose members are twelve highly respected individuals in professionalism and ethical achievements.																			
<b>Morningstar Sustainalytics</b>	The Sustainalytics' ESG risk rating provides an overall company score based on an assessment of how much of a company's exposure to ESG risk is unmanaged. <i>Sources to be reviewed include corporate publications and regulatory filings, news and other media, NGO reports/websites, multi-sector information, company feedback, ESG controversies, issuer feedback on draft ESG reports, and quality &amp; peer reviews.</i>	A company's ESG risk rating score is the sum of unmanaged risk. The more risk is unmanaged, the higher ESG risk is scored. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>NEGL</th> <th>Low</th> <th>Medium</th> <th>High</th> <th>Severe</th> </tr> </thead> <tbody> <tr> <td>0-10</td> <td>10-20</td> <td>20-30</td> <td>30-40</td> <td>40+</td> </tr> </tbody> </table>	NEGL	Low	Medium	High	Severe	0-10	10-20	20-30	30-40	40+									
NEGL	Low	Medium	High	Severe																	
0-10	10-20	20-30	30-40	40+																	
<b>ESG Book</b>	The ESG score identifies sustainable companies that are better positioned to outperform over the long term. The methodology considers the principle of financial materiality including information that significantly helps explain future risk-adjusted performance. Materiality is applied by over-weighting features with higher materiality and rebalancing these weights on a rolling quarterly basis.	The total ESG score is calculated as a weighted sum of the features scores using materiality-based weights. The score is scaled between 0 and 100 with higher scores indicating better performance.																			
<b>MSCI</b>	MSCI ESG ratings aim to measure a company's management of financially relevant ESG risks and opportunities. It uses a rules-based methodology to identify industry leaders and laggards according to their exposure to ESG risks and how well they manage those risks relative to peers. <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td><b>AAA</b></td> <td>8.571-10.000</td> <td rowspan="3"><b>Leader:</b></td> <td rowspan="3">leading its industry in managing the most significant ESG risks and opportunities</td> </tr> <tr> <td><b>AA</b></td> <td>7.143-8.570</td> </tr> <tr> <td><b>A</b></td> <td>5.714-7.142</td> </tr> <tr> <td><b>BBB</b></td> <td>4.286-5.713</td> <td rowspan="3"><b>Average:</b></td> <td rowspan="3">a mixed or unexceptional track record of managing the most significant ESG risks and opportunities relative to industry peers</td> </tr> <tr> <td><b>BB</b></td> <td>2.857-4.285</td> </tr> <tr> <td><b>B</b></td> <td>1.429-2.856</td> </tr> <tr> <td><b>CCC</b></td> <td>0.000-1.428</td> <td><b>Laggard:</b></td> <td>lagging its industry based on its high exposure and failure to manage significant ESG risks</td> </tr> </tbody> </table>	<b>AAA</b>	8.571-10.000	<b>Leader:</b>	leading its industry in managing the most significant ESG risks and opportunities	<b>AA</b>	7.143-8.570	<b>A</b>	5.714-7.142	<b>BBB</b>	4.286-5.713	<b>Average:</b>	a mixed or unexceptional track record of managing the most significant ESG risks and opportunities relative to industry peers	<b>BB</b>	2.857-4.285	<b>B</b>	1.429-2.856	<b>CCC</b>	0.000-1.428	<b>Laggard:</b>	lagging its industry based on its high exposure and failure to manage significant ESG risks
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<b>Moody's ESG solutions</b>	Moody's assesses the degree to which companies take into account ESG objectives in the definition and implementation of their strategy policies. It believes that a company integrating ESG factors into its business model and relatively outperforming its peers is better positioned to mitigate risks and create sustainable value for shareholders over the medium to long term.																				
<b>Refinitiv ESG rating</b>	Designed to transparently and objectively measure a company's relative ESG performance, commitment and effectiveness across 10 main themes, based on publicly available and auditable data. The score ranges from 0 to 100 on relative ESG performance and insufficient degree of transparency in reporting material ESG data publicly. <i>(Score ratings are 0 to 25 = poor; &gt;25 to 50 = satisfactory; &gt;50 to 75 = good; and &gt;75 to 100 = excellent.)</i>																				
<b>S&amp;P Global</b>	The S&P Global ESG Score is a relative score measuring a company's performance on and management of ESG risks, opportunities, and impacts compared to its peers within the same industry classification. The score ranges from 0 to 100.																				
<b>Bloomberg</b>	ESG Score	Bloomberg score evaluating the company's aggregated Environmental, Social and Governance (ESG) performance. The score is based on Bloomberg's view of ESG financial materiality. The score is a weighted generalized mean (power mean) of Pillar Scores, where the weights are determined by the pillar priority ranking. Values range from 0 to 10; 10 is the best.																			
Bloomberg	ESG Disclosure Score	Disclosure of a company's ESG used for Bloomberg ESG score. The score ranges from 0 for none to 100 for disclosure of every data point, measuring the amount of ESG data reported publicly, and not the performance on any data point.																			

**Rating** regarding the sustainable development of Thai listed companies, both on the SET and MAI, are publicly available on the website of the Securities and Exchange Commission of Thailand (SEC). Currently, ratings available are 1) **CG Score**; 2) **AGM Level**; 3) **Thai CAC**; and 4) **THSI**. The ratings are updated on an annual basis. FSSIA does not confirm nor certify the accuracy of such ratings.

Source: FSSIA's compilation



**GENERAL DISCLAIMER**

**ANALYST(S) CERTIFICATION**

Usanee Liurut, CISA FSS International Investment Advisory Securities Co., Ltd

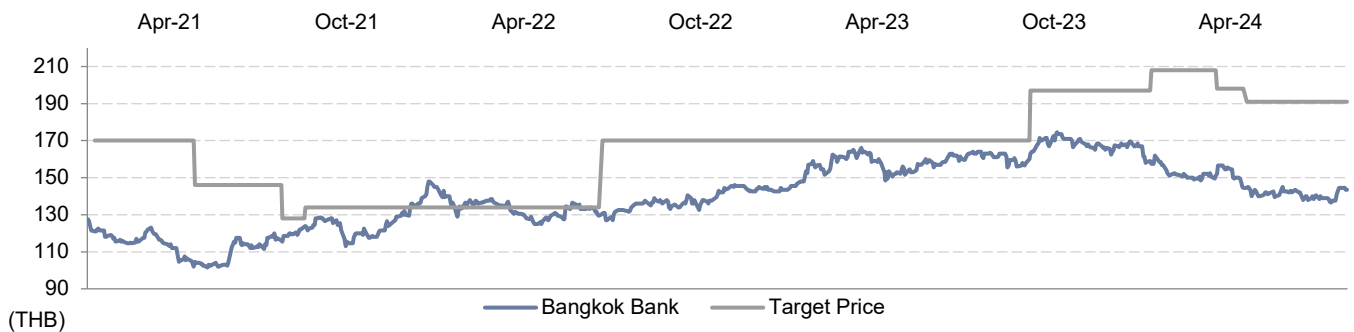
The individual(s) identified above certify(ies) that (i) all views expressed in this report accurately reflect the personal view of the analyst(s) with regard to any and all of the subject securities, companies or issuers mentioned in this report; and (ii) no part of the compensation of the analyst(s) was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed herein.

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**History of change in investment rating and/or target price**

**Bangkok Bank (BBL TB)**



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
23-Apr-2021	BUY	170.00	25-Oct-2021	HOLD	134.00	30-Oct-2023	BUY	208.00
21-Jul-2021	BUY	146.00	08-Jul-2022	BUY	170.00	26-Dec-2023	BUY	198.00
05-Oct-2021	HOLD	128.00	17-Jul-2023	BUY	197.00	19-Jan-2024	BUY	191.00

Usanee Liurut, CISA started covering this stock from 17-Jul-2023

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
Bangkok Bank	BBL TB	THB 143.50	BUY	Downside risks to our GGM-based TP are 1) prolonged economic sluggishness affecting loan growth and asset quality; and 2) an impact of new regulations from the Bank of Thailand.

Source: FSSIA estimates

**Additional Disclosures**

Target price history, stock price charts, valuation and risk details, and equity rating histories applicable to each company rated in this report is available in our most recently published reports. You can contact the analyst named on the front of this note or your representative at Finansia Syrus Securities Public Company Limited.

All share prices are as at market close on 18-Apr-2024 unless otherwise stated.

## RECOMMENDATION STRUCTURE

### Stock ratings

Stock ratings are based on absolute upside or downside, which we define as  $(\text{target price}^* - \text{current price}) / \text{current price}$ .

**BUY (B).** The upside is 10% or more.

**HOLD (H).** The upside or downside is less than 10%.

**REDUCE (R).** The downside is 10% or more.

Unless otherwise specified, these recommendations are set with a 12-month horizon. Thus, it is possible that future price volatility may cause a temporary mismatch between upside/downside for a stock based on market price and the formal recommendation.

\* In most cases, the target price will equal the analyst's assessment of the current fair value of the stock. However, if the analyst doesn't think the market will reassess the stock over the specified time horizon due to a lack of events or catalysts, then the target price may differ from fair value. In most cases, therefore, our recommendation is an assessment of the mismatch between current market price and our assessment of current fair value.

### Industry Recommendations

**Overweight.** The analyst expects the fundamental conditions of the sector to be positive over the next 12 months.

**Neutral.** The analyst expects the fundamental conditions of the sector to be maintained over the next 12 months.

**Underweight.** The analyst expects the fundamental conditions of the sector to be negative over the next 12 months.

### Country (Strategy) Recommendations

**Overweight (O).** Over the next 12 months, the analyst expects the market to score positively on two or more of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

**Neutral (N).** Over the next 12 months, the analyst expects the market to score positively on one of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

**Underweight (U).** Over the next 12 months, the analyst does not expect the market to score positively on any of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.