

KRUNG THAI BANK

THAILAND / BANKING

KTB TB



BUY

UNCHANGED

Key takeaways from analyst meeting

KTB's analyst meeting today (29 April) mainly focused on its intensive NPL and NPA management, earning-asset yield hiccup in 1Q24, and loan growth direction throughout the rest of 2024. However, KTB reaffirmed the 1Q24 operating results aligned with its 2024 guidance. Consequently, we retain our 2024-26 forecast and maintain a BUY call with 2024 GGM-based TP of THB 19.90, implying 0.65x P/BV (expected LT-ROE 8% and COE 11.8%).

Highlights

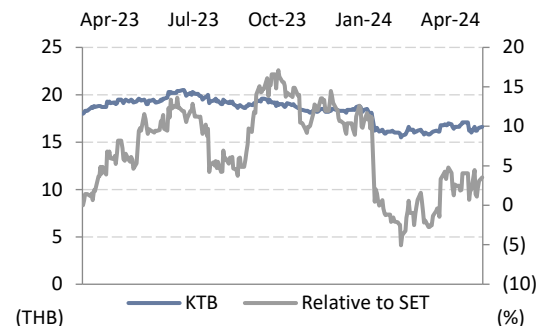
- (+) NPL and NPA management:** KTB disclosed its proactive NPL and NPA management plan, reflected in 1Q24, in which the bank recorded an impairment loss on properties for sale worth THB3.79b while reporting bad debt recovery income of THB3.11b, all of which were beyond expectations.
- Concerning NPLs, most are legacy written off and accumulated over a long period, worth cTHB100b. KTB has established a management team with specific expertise to manage them to make the sale smooth and get the right price. Meanwhile, debt collection continues to be proactive and positive, resulting in KTB delaying the establishment of AMC. Therefore, the bank reaffirmed recurring recognition of income from its bad debt recovery.
 - The risk of continued recording an impairment of NPAs with a remaining book value of THB40b-50b will be more limited. Although further losses may be recorded in 2Q24, they will be less than the past two quarters. In addition, KTB revealed that NPA sales were slower than desired, based on a reasonable price.
- (-) The earning-asset yields declined in 1Q24 by 17bp to 4.58%**, which was lower than our estimate but in the same direction as its peers. KTB revealed that this was because 1) there was a one-time repayment from a group of debtors in 4Q23, causing its interest income to skyrocket, 2) most of the loan growth in 1Q24 was low-yielding government loans, and 3) concentrated loan growth in March 2024.

Overall, the loan yield decreased by 10bp, while the rest resulted from KTB's allocation of liquidity to invest more in long-term bonds, causing the total yield on earning assets to decline. Meanwhile, the cost of funds was relatively stable q-q in 1Q24, reflecting its efficient management. Accordingly, the NIM outlook remains in line with its 2024 guidance of 3.00-3.30%, under expectations that the policy rate will drop twice to 2.00% in 2H24.

TARGET PRICE	THB19.90
CLOSE	THB16.60
UP/DOWNSIDE	+19.9%
TP vs CONSENSUS	+1.3%

KEY STOCK DATA

YE Dec (THB m)	2023	2024E	2025E	2026E
Operating profit	50,223	51,493	53,003	54,935
Net profit	36,616	37,621	38,760	40,236
EPS (THB)	2.62	2.69	2.77	3.44
vs Consensus (%)	-	(4.3)	(4.7)	15.4
Recurring net profit	36,616	37,621	38,760	40,236
Core EPS (THB)	2.62	2.69	2.77	3.44
EPS growth (%)	8.7	2.7	3.0	24.0
Core P/E (x)	6.3	6.2	6.0	4.8
Dividend yield (%)	5.2	5.4	5.5	5.7
Price/book (x)	0.6	0.5	0.5	0.4
ROE (%)	9.4	9.1	8.8	8.6
ROA (%)	1.1	1.1	1.1	1.1



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	(2.4)	1.8	(7.8)
Relative to country (%)	(1.2)	2.9	3.5
Mkt cap (USD m)	6,266		
3m avg. daily turnover (USD m)	28.5		
Free float (%)	45		
Major shareholder	FIDF (55%)		
12m high/low (THB)	20.50/15.40		
Issued shares (m)	13,976		

Sources: Bloomberg consensus; FSSIA estimates



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- (0) **The loan outlook for the remainder of 2024** remains in line with its 3.0% y-y growth guidance for 2024, focusing on private corporate and retail (housing) loans. The government's loan growth direction largely depends on the bond market. If stable, the primary source of funds should be issuing bonds and reducing the use of credit. This should affect the KTB's loan growth direction in 2024.
- (0) KTB revealed no details regarding the financial assistance to vulnerable debtors by lowering lending interest rates. However, the bank disclosed that a reduction would affect vulnerable customers' MRR and other interest rates.

Exhibit 1: 2024E – FSSIA estimates vs. management guidance

	KTB 2023	KTB 2024E	FSSIA 2024E
Loan growth*	-0.6%	3%	1.0%
NIM	3.22%	'3.0-3.3%	3.28%
Fee income growth	2.70%	Low to mid-single digit	1.5%
Cost to income	41.60%	≤ Mid 40s	43.4%
NPL	3.08%	< 3.25%	3.80%
Credit cost (bps)	143	120-130	140
Coverage ratio	181.30%	170% +	176

Sources: KTB; FSSIA estimates

Exhibit 2: KTB – 1Q24 operating results

Year end Dec 31	1Q23 (THB m)	2Q23 (THB m)	3Q23 (THB m)	4Q23 (THB m)	1Q24 (THB m)	Change (q-q%)	Change (y-y%)	%of 24E	2024E (THB m)	Change (y-y %)
Net interest income	25,619	27,771	29,667	30,362	29,561	(2.6)	15.4	25	117,455	3.6
Non-interest income	9,653	7,944	9,221	9,228	11,141	20.7	15.4	30	37,687	4.6
Fee income - net	5,139	4,797	5,503	5,434	5,577	2.6	8.5	26	21,186	1.5
Total operating income	35,272	35,715	38,888	39,590	40,703	2.8	15.4	26	155,142	3.8
Total operating expenses	13,650	14,028	16,733	17,745	17,731	(0.1)	29.9	26	67,398	8.4
PPOP before tax	21,622	21,686	22,155	21,845	22,972	5.2	6.2	26	87,744	0.5
Expected credit loss	8,104	7,754	8,157	13,070	8,029	(38.6)	(0.9)	22	36,252	(2.2)
Income tax	2,531	2,864	2,774	1,733	2,936	69.4	16.0	29	10,093	1.9
Non-controlling interest	921	912	941	931	929	(0.2)	0.9	25	3,779	2.0
Net profit	10,067	10,156	10,282	6,111	11,078	81.3	10.1	29	37,621	2.7
EPS (THB)	0.72	0.73	0.74	0.44	0.79	81.3	10.1	29	2.69	2.7
Key ratios	1Q23	2Q23	3Q23	4Q23	1Q24	Change			2024E	
Asset quality ratio	(%)	(%)	(%)	(%)	(%)	(q-q%)	(y-y%)		(%)	
Gross NPLs (THB m)	102,542	98,810	98,309	99,407	98,815	(0.6)	(3.6)		98,887	(0.5)
Change (% from prior period)	1.4	(3.6)	(0.5)	1.1	(0.6)					
NPL ratios (%) - reported	3.22	3.11	3.10	3.08	3.14					
NPL ratio (%)*	3.97	3.83	3.74	3.86	3.77				3.80	
Coverage ratio (%) - reported	183	177	180	181	182					
Coverage ratio (%)*	177	171	174	174	175				176	
Credit cost (bp)	125	120	125	201	124				140	
Profitability ratio	(%)	(%)	(%)	(%)	(%)				(%)	
Cost to income ratio	38.7	39.3	43.0	44.8	43.6				43.4	
Average yield (%)	3.95	4.26	4.57	4.74	4.58				4.56	
Cost of funds (%)	1.13	1.21	1.32	1.49	1.46				1.48	
NIM (%) - reported	2.80	3.00	3.20	3.38	3.41					
NIM (%)*	2.97	3.21	3.42	3.45	3.31				3.28	
Non-interest income/total income (%)	27.4	22.2	23.7	23.3	27.4				24.3	
Liquidity ratio	(%)	(%)	(%)	(%)	(%)				(%)	
Loan to deposit	98.5	100.0	100.7	97.3	100.6				97.3	
Loan to deposit & borrowing (LDBR)	93.2	94.2	94.8	91.8	94.8				91.7	
Capital adequacy ratio	(%)	(%)	(%)	(%)	(%)				(%)	
CAR	19.9	20.1	20.5	20.7	20.5				21.2	
CET 1/ Risk assets	15.8	16.1	16.4	16.5	16.4				17.3	
Tier 2 / Risk assets	3.1	3.1	3.2	4.2	4.1				3.0	
Loan growth	(%)	(%)	(%)	(%)	(%)				(%)	
q-q	(0.4)	(0.2)	2.0	(2.0)	1.6					
y-y	(2.9)	(2.2)	0.7	(0.6)	1.4				1.0	
Year-to-date	(0.4)	(0.6)	1.4	(0.6)	1.6					

Sources: KTB; FSSIA estimates

Exhibit 3: KTB – staged loans and ECL

	2021 (THB b)	2022 (THB b)	2023 (THB b)	1Q24 (THB b)	2021 (%)	2022 (%)	2023 (%)	1Q24 (%)
Staged loans	% staged loans							
Stage 1	2,306	2,290	2,296	2,338	87.2	87.5	88.4	88.6
Stage 2	228	218	202	203	8.6	8.3	7.8	7.7
Stage 3	111	109	99	98	4.2	4.2	3.8	3.7
Total	2,646	2,616	2,596	2,639	100.0	100.0	100.0	100.0
Allowance for ECL	% ECL to staged loans							
Stage 1	45	45	47	44	1.9	2.0	2.1	1.9
Stage 2	49	53	57	60	21.4	24.1	28.2	29.3
Stage 3	77	77	68	68	69.4	70.4	69.2	69.2
Total	171	174	172	172	6.5	6.6	6.6	6.5
LLR/ Loans	(%)							
Stage 1	1.9	2.0	2.1	1.9				
Stage 2	21.4	24.1	28.2	29.3				
Stage 3	69.4	70.4	69.2	69.2				
Total	6.5	6.6	6.6	6.5				
	(%)	(%)	(%)	(%)				
NPL / TL	4.2	4.2	3.8	3.7				
NPL vs. Stage 2 loans / TL	12.8	12.5	11.6	11.4				
LLR / NPL	153	160	175	175				
LLR / (NPL vs. Stage 2)	50	53	57	57				

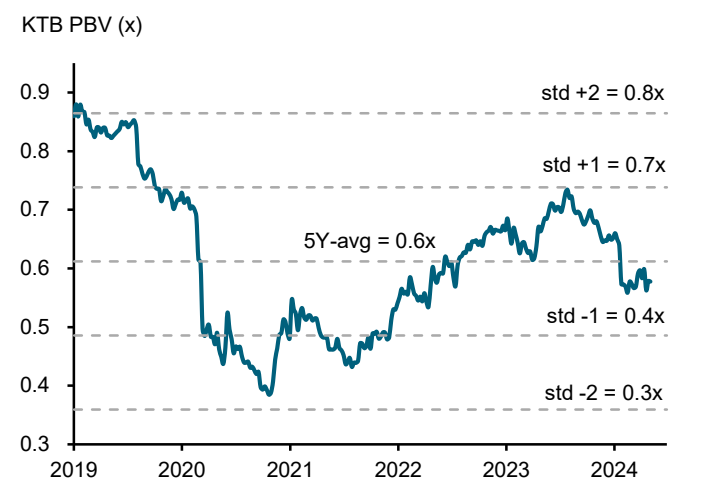
Sources: KTB; FSSIA's compilation

Exhibit 4: GGM-based 2024 TP

Gordon growth model	2024E
Sustainable ROE	8.0%
g	1.0%
ROE-g	7.0%
Beta	1.10
Risk free rate	3.0%
Risk premium	8.0%
COE	11.8%
COE-g	10.8%
ROE-g/COE-g (PBV)	0.65

Sources: FSSIA estimates

Exhibit 6: KTB – one-year prospective PBV band



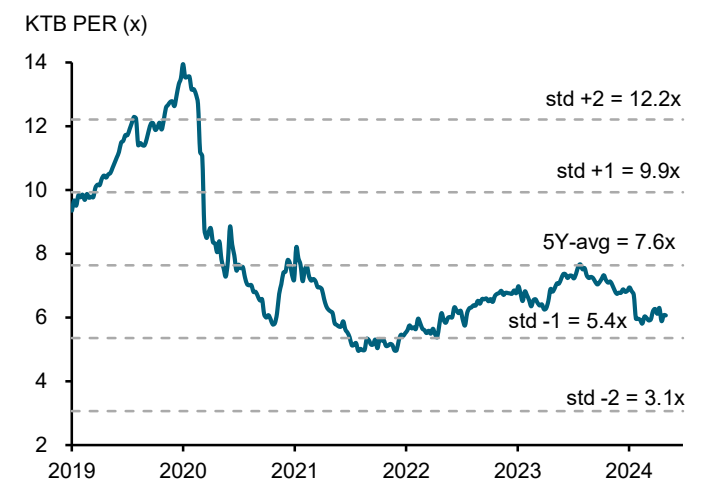
Sources: Bloomberg; FSSIA estimates

Exhibit 5: Share price performance of banks under coverage, as of 29 April 2024

	Price performance				
	1M (%)	3M (%)	6M (%)	1Y (%)	YTD (%)
BBL TB	(1.80)	(3.19)	(13.33)	(13.06)	(12.78)
KBANK TB	4.44	7.92	(1.52)	3.60	(4.07)
KKP TB	(1.42)	6.67	5.58	(13.33)	3.48
KTB TB	(2.35)	4.40	(11.70)	(7.78)	(9.78)
SCB TB	(7.02)	1.92	7.61	2.42	0.00
TISCO TB	(2.76)	(2.27)	0.52	7.20	(3.01)
TTB TB	0.00	1.68	8.98	25.52	8.98
SETBANK	(1.62)	1.65	(2.79)	(1.66)	(4.35)
SET	(1.16)	(0.19)	(1.44)	(10.93)	(3.81)

Sources: Bloomberg

Exhibit 7: KTB – one-year prospective PER band



Sources: Bloomberg; FSSIA estimates

Financial Statements

Krung Thai Bank

Profit and Loss (THB m) Year Ending Dec	2022	2023	2024E	2025E	2026E
Interest Income	113,475	152,369	163,544	165,340	167,251
Interest expense	(23,070)	(38,949)	(46,089)	(46,652)	(47,158)
Net interest income	90,405	113,420	117,455	118,688	120,093
Net fees & commission	20,316	20,872	21,186	21,504	21,826
Foreign exchange trading income	5,233	5,178	6,000	6,500	7,000
Securities trading income	239	195	195	195	195
Dividend income	352	319	351	387	425
Other income	8,847	9,481	9,955	10,453	10,975
Non interest income	34,986	36,046	37,687	39,038	40,422
Total income	125,391	149,465	155,142	157,726	160,515
Staff costs	(25,763)	(25,766)	(26,539)	(27,335)	(28,155)
Other operating costs	(29,007)	(36,391)	(40,859)	(42,081)	(43,086)
Operating costs	(54,771)	(62,157)	(67,398)	(69,416)	(71,241)
Pre provision operating profit	70,620	87,309	87,744	88,309	89,274
Expected credit loss	(24,338)	(37,085)	(36,252)	(35,306)	(34,339)
Other provisions	-	-	-	-	-
Operating profit	46,283	50,223	51,493	53,003	54,935
Recurring non operating income	0	0	0	0	0
Associates	-	-	-	-	-
Goodwill amortization	-	-	-	-	-
Non recurring items	0	0	0	0	0
Profit before tax	46,283	50,223	51,493	53,003	54,935
Tax	(9,077)	(9,902)	(10,093)	(10,389)	(10,767)
Profit after tax	37,206	40,321	41,400	42,614	44,168
Non-controlling interest	(3,508)	(3,705)	(3,779)	(3,855)	(3,932)
Preferred dividends	-	-	-	-	-
Other items	-	-	-	-	-
Reported net profit	33,698	36,616	37,621	38,760	40,236
Non recurring items & goodwill (net)	-	-	0	0	0
Recurring net profit	33,698	36,616	37,621	38,760	40,236
Per share (THB)					
Recurring EPS *	2.41	2.62	2.69	2.77	3.44
Reported EPS	2.41	2.62	2.69	2.77	3.44
DPS	0.68	0.87	0.89	0.92	0.95
Growth					
Net interest income (%)	8.4	25.5	3.6	1.0	1.2
Non interest income (%)	7.9	3.0	4.6	3.6	3.5
Pre provision operating profit (%)	12.0	23.6	0.5	0.6	1.1
Operating profit (%)	51.6	8.5	2.5	2.9	3.6
Reported net profit (%)	56.1	8.7	2.7	3.0	3.8
Recurring EPS (%)	56.1	8.7	2.7	3.0	24.0
Reported EPS (%)	56.1	8.7	2.7	3.0	24.0
Income Breakdown					
Net interest income (%)	72.1	75.9	75.7	75.2	74.8
Net fees & commission (%)	16.2	14.0	13.7	13.6	13.6
Foreign exchange trading income (%)	4.2	3.5	3.9	4.1	4.4
Securities trading income (%)	0.2	0.1	0.1	0.1	0.1
Dividend income (%)	0.3	0.2	0.2	0.2	0.3
Other income (%)	7.1	6.3	6.4	6.6	6.8
Operating performance					
Gross interest yield (%)	3.28	4.34	4.56	4.56	4.55
Cost of funds (%)	0.76	1.28	1.48	1.48	1.48
Net interest spread (%)	2.52	3.06	3.08	3.08	3.07
Net interest margin (%)	2.62	3.23	3.28	3.27	3.27
Cost/income(%)	43.7	41.6	43.4	44.0	44.4
Cost/assets(%)	1.5	1.7	1.8	1.8	1.9
Effective tax rate (%)	19.6	19.7	19.6	19.6	19.6
Dividend payout on recurring profit (%)	28.3	33.1	33.1	33.1	27.7
ROE (%)	9.2	9.4	9.1	8.8	8.6
ROE - COE (%)	(0.8)	(0.5)	(0.9)	(1.2)	(1.4)
ROA (%)	1.0	1.1	1.1	1.1	1.1
RORWA (%)	1.8	1.9	1.9	1.9	1.9

* Pre-exceptional, pre-goodwill and fully diluted

Sources: Krung Thai Bank; FSSIA estimates

Financial Statements

Krung Thai Bank

Balance Sheet (THB m) Year Ending Dec	2022	2023	2024E	2025E	2026E
Gross customer loans	2,592,838	2,576,516	2,602,281	2,628,304	2,654,587
Allowance for expected credit loss	(174,378)	(173,323)	(173,575)	(176,881)	(180,220)
interest in suspense	25,372	22,902	26,543	26,809	27,077
Net customer loans	2,443,832	2,426,095	2,455,250	2,478,232	2,501,444
Bank loans	550,941	701,162	708,173	722,337	736,783
Government securities	-	-	-	-	-
Trading securities	-	-	-	-	-
Investment securities	322,942	303,186	337,635	346,717	356,432
Cash & equivalents	61,591	55,626	41,459	50,752	58,953
Other interesting assets	-	-	-	-	-
Tangible fixed assets	72,029	65,924	67,204	68,516	69,861
Associates	-	-	-	-	-
Goodwill	-	-	-	-	-
Other intangible assets	-	-	-	-	-
Other assets	141,084	125,692	133,399	141,731	150,745
Total assets	3,592,419	3,677,684	3,743,120	3,808,284	3,874,218
Customer deposits	2,590,236	2,646,872	2,673,340	2,700,074	2,727,074
Bank deposits	277,099	282,696	288,350	294,117	297,058
Other interest bearing liabilities	151,172	160,839	164,056	165,696	167,353
Non interest bearing liabilities	181,340	166,432	169,804	173,246	176,758
Hybrid Capital	-	-	-	-	-
Total liabilities	3,199,847	3,256,838	3,295,550	3,333,133	3,368,244
Share capital	72,005	72,005	72,005	72,005	72,005
Reserves	304,300	330,371	356,171	382,782	412,588
Total equity	376,305	402,376	428,176	454,787	484,593
Non-controlling interest	16,267	18,470	19,394	20,363	21,382
Total liabilities & equity	3,592,419	3,677,684	3,743,120	3,808,284	3,874,218
Supplementary items					
Risk weighted assets (RWA)	2,131,788	2,182,386	2,221,216	2,259,885	2,299,011
Average interest earning assets	3,456,331	3,510,866	3,586,335	3,628,191	3,674,323
Average interest bearing liabilities	3,031,708	3,054,457	3,108,076	3,142,817	3,175,686
CET 1 capital	335,601	358,274	383,741	409,975	439,371
Total capital	401,825	424,346	450,053	476,530	506,170
Gross non performing loans (NPL)	101,096	99,439	98,887	99,876	100,874
Per share (THB)					
Book value per share	26.92	28.79	30.63	32.54	41.40
Tangible book value per share	26.92	28.79	30.63	32.54	41.40
Growth					
Gross customer loans	(1.4)	(0.6)	1.0	1.0	1.0
Average interest earning assets	4.1	1.6	2.1	1.2	1.3
Total asset (%)	1.0	2.4	1.8	1.7	1.7
Risk weighted assets (%)	11.5	2.4	1.8	1.7	1.7
Customer deposits (%)	(0.9)	2.2	1.0	1.0	1.0
Leverage & capital measures					
Customer loan/deposits (%)	94.3	91.7	91.8	91.8	91.7
Equity/assets (%)	10.5	10.9	11.4	11.9	12.5
Tangible equity/assets (%)	10.5	10.9	11.4	11.9	12.5
RWA/assets (%)	59.3	59.3	59.3	59.3	59.3
CET 1 CAR (%)	15.7	16.4	17.3	18.1	19.1
Total CAR (%)	18.8	19.4	20.3	21.1	22.0
Asset Quality (FSSIA's calculation)					
Change in NPL (%)	(5.3)	(1.6)	(0.6)	1.0	1.0
NPL/gross loans (%)	3.9	3.9	3.8	3.8	3.8
Allowance for ECL/gross loans (%)	6.7	6.7	6.7	6.7	6.8
Allowance for ECL/NPL (%)	172.5	174.3	175.5	177.1	178.7
Valuation					
Recurring P/E (x) *	6.9	6.3	6.2	6.0	4.8
Recurring P/E @ target price (x) *	8.3	7.6	7.4	7.2	5.8
Reported P/E (x)	6.9	6.3	6.2	6.0	4.8
Dividend yield (%)	4.1	5.2	5.4	5.5	5.7
Price/book (x)	0.6	0.6	0.5	0.5	0.4
Price/tangible book (x)	0.6	0.6	0.5	0.5	0.4
Price/tangible book @ target price (x)	0.7	0.7	0.6	0.6	0.5

* Pre-exceptional, pre-goodwill and fully diluted

Sources: Krung Thai Bank; FSSIA estimates

Krung Thai Bank PCL (KTB TB)

FSSIA ESG rating

★★★★

Exhibit 8: FSSIA ESG score implication

63.10 /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.
★★★★	>59-79	A mixed track record of managing the most significant ESG risks and opportunities relative to industry peers.
★★★	>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 9: 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	61.33
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 10: ESG score by Bloomberg

FY ending Dec 31	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
ESG financial materiality scores - ESG score	1.36	1.75	1.82	1.72	2.13	2.07	2.14	2.12
BESG environmental pillar score	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BESG social pillar score	1.18	1.88	1.95	1.92	2.63	2.65	2.72	2.63
BESG governance pillar score	3.69	4.06	4.28	3.83	4.34	4.03	4.18	4.28
ESG disclosure score	38.85	41.85	42.19	42.19	53.35	55.27	56.12	61.33
Environmental disclosure score	6.74	8.46	8.46	8.46	34.46	38.63	38.63	39.47
Social disclosure score	28.57	29.56	30.59	30.59	38.12	39.69	42.26	57.07
Governance disclosure score	81.10	87.36	87.36	87.36	87.36	87.36	87.36	87.36
Environmental								
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	No	No
GHG scope 1	--	--	--	--	14	14	12	15
GHG scope 2 location-based	7	135	128	60	53	50	45	42
GHG Scope 3	--	--	--	--	26	28	27	43
Carbon per unit of production	--	--	--	--	--	--	--	--
Biodiversity policy	No	No	No	No	No	No	No	Yes
Energy efficiency policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Total energy consumption	--	--	--	--	211	203	180	174
Renewable energy use	--	--	--	--	0	0	0	0
Electricity used	--	232	219	103	105	100	90	84
Fuel used - natural gas	--	--	--	--	--	--	--	--

Sources: Bloomberg; FSSIA's compilation

Exhibit 11: 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	No	No	No	No	No	Yes	Yes	Yes
Hazardous waste	—	—	—	—	—	0	0	0
Total waste	—	—	—	—	3	4	3	3
Waste recycled	—	—	—	—	—	—	—	—
Waste sent to landfills	—	—	—	—	—	—	—	—
Environmental supply chain management	No	No	No	No	Yes	Yes	Yes	Yes
Water policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Water consumption	—	—	—	—	170	147	121	119
Social								
Human rights policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Policy against child labor	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Quality assurance and recall policy	No	No	No	No	No	No	No	No
Consumer data protection policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Equal opportunity policy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Gender pay gap breakout	No	No	No	No	No	No	No	No
Pct women in workforce	69	69	69	70	70	70	70	71
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	0	0	0	0	0	0	0	0
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	No	No	No	No	No	No	No	No
Number of employees – CSR	24,057	23,611	22,417	21,606	21,133	20,262	18,937	17,157
Employee turnover pct	—	—	—	—	7	5	9	12
Total hours spent by firm - employee training	2,742,500	1,726,760	1,693,780	1,591,920	1,507,460	2,322,770	2,102,850	1,350,850
Social supply chain management	No	No	No	No	Yes	Yes	Yes	Yes
Governance								
Board size	12	12	12	12	11	12	12	12
No. of independent directors (ID)	4	6	6	6	5	6	6	6
No. of women on board	0	1	1	1	2	2	2	2
No. of non-executive directors on board	9	11	11	11	10	8	8	11
Company conducts board evaluations	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
No. of board meetings for the year	28	27	27	24	27	26	23	22
Board meeting attendance pct	93	96	92	84	94	97	100	96
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	51	44	45	47	48	49	49	50
Age of the oldest director	61	62	63	64	64	65	66	67
No. of executives / company managers	21	20	20	20	19	21	19	22
No. of female executives	7	4	5	4	3	3	3	3
Executive share ownership guidelines	No	No	No	No	No	No	No	No
Size of audit committee	3	4	4	3	3	3	3	3
No. of ID on audit committee	3	4	4	3	3	3	3	3
Audit committee meetings	19	26	25	22	20	22	19	26
Audit meeting attendance %	91	96	95	95	98	100	98	98
Size of compensation committee	4	3	3	3	2	3	3	3
No. of ID on compensation committee	3	2	3	2	1	2	2	2
No. of compensation committee meetings	20	19	17	17	21	20	15	15
Compensation meeting attendance %	95	95	90	92	94	100	100	100
Size of nomination committee	4	3	3	3	2	3	3	3
No. of nomination committee meetings	20	19	17	17	21	20	15	15
Nomination meeting attendance %	95	95	90	92	94	100	100	100
Sustainability governance								
Verification type	No	No	No	No	No	No	No	No

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 THSI inclusion , 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. SETTHSI Index 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.																			
CG Score 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 (60-69), 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%).																			
AGM level 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&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.																			
Thai CAC 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.																			
Morningstar Sustainalytics	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 & 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+									
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0-10	10-20	20-30	30-40	40+																	
ESG Book	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.																			
MSCI	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>AAA</td> <td>8.571-10.000</td> <td rowspan="3">Leader:</td> <td rowspan="3">leading its industry in managing the most significant ESG risks and opportunities</td> </tr> <tr> <td>AA</td> <td>7.143-8.570</td> </tr> <tr> <td>A</td> <td>5.714-7.142</td> </tr> <tr> <td>BBB</td> <td>4.286-5.713</td> <td rowspan="3">Average:</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>BB</td> <td>2.857-4.285</td> </tr> <tr> <td>B</td> <td>1.429-2.856</td> </tr> <tr> <td>CCC</td> <td>0.000-1.428</td> <td>Laggard:</td> <td>lagging its industry based on its high exposure and failure to manage significant ESG risks</td> </tr> </tbody> </table>	AAA	8.571-10.000	Leader:	leading its industry in managing the most significant ESG risks and opportunities	AA	7.143-8.570	A	5.714-7.142	BBB	4.286-5.713	Average:	a mixed or unexceptional track record of managing the most significant ESG risks and opportunities relative to industry peers	BB	2.857-4.285	B	1.429-2.856	CCC	0.000-1.428	Laggard:	lagging its industry based on its high exposure and failure to manage significant ESG risks
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Moody's ESG solutions	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.																				
Refinitiv ESG rating	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; >25 to 50 = satisfactory; >50 to 75 = good; and >75 to 100 = excellent.)</i>																				
S&P Global	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.																				
Bloomberg	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

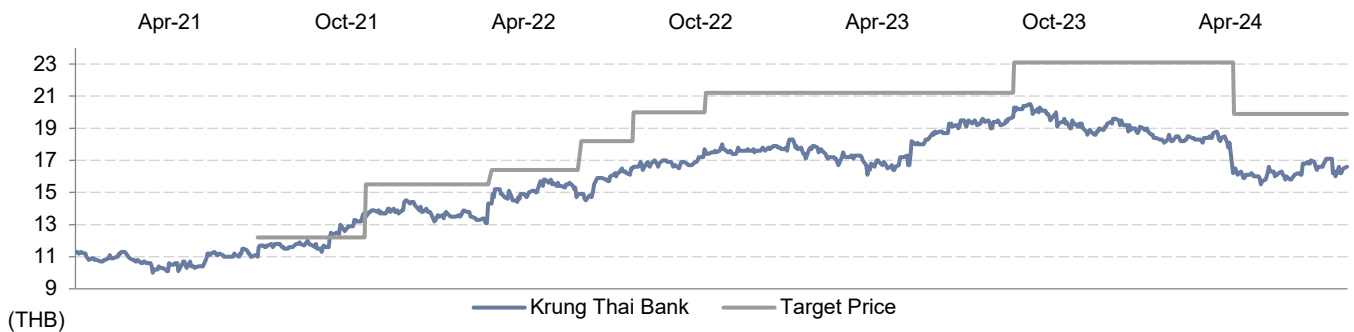
The individual(s) identified above certify(ies) that (i) all views expressed in this report accurately reflect the personal view of the analyst(s) with regard to any and all of the subject securities, companies or issuers mentioned in this report; and (ii) no part of the compensation of the analyst(s) 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

Krung Thai Bank (KTB TB)



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
05-Oct-2021	HOLD	12.20	08-Jul-2022	BUY	18.20	17-Jul-2023	BUY	23.10
06-Jan-2022	BUY	15.50	24-Aug-2022	BUY	20.00	22-Jan-2024	HOLD	19.90
22-Apr-2022	BUY	16.40	25-Oct-2022	BUY	21.20	25-Mar-2024	BUY	19.90

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
Krung Thai Bank	KTB TB	THB 16.60	BUY	Downside risks to our GGM-based TP are 1) prolonged economic sluggishness affecting loan growth and asset quality; and 2) the 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 29-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.