

BANGKOK BANK  
THAILAND / BANKING

## BBL TB

FSSIA ESG rating

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## 3Q23 results at first glance

## ผลประกอบการ 3Q23 สูงกว่าที่เราและตลาดคาด

กำไรสุทธิ 3Q23 ออกมาดีกว่าคาด 6% โดยอยู่ที่ 11.3 พัน ลบ. (+0.5% q-q, +48.2% y-y) ส่วนมากเกิดจากรายได้ดอกเบี้ยสุทธิที่ต่ำกว่าคาดมากและส่วนต่างดอกเบี้ย (NIM) ที่สูงขึ้น คุณภาพสินทรัพย์เสื่อมลงเล็กน้อยแต่ไม่น่ากังวล กำไรสุทธิ 9M23 คิดเป็น 86% ของประมาณการปี 2023 ซึ่งเราคงไว้ตามเดิม

## Highlights

(+) **รายได้ดอกเบี้ยสุทธิและ NIM** ออกมาดีกว่าที่คาดมากโดยรายได้ดอกเบี้ยสุทธิเพิ่ม 8.4% q-q และ 28.8% y-y ส่วนมากจาก 1) การขึ้นดอกเบี้ยสินเชื่อทุกประเภท (MOR MLR และ MRR) ประมาณ 20-25bp ในช่วงเดือน พ.ค. 2023 และอีก 20bp สำหรับสินเชื่อที่อิงกับ MOR และ MLR ในเดือน มิ.ย. 2023 พร้อมการลดอัตราดอกเบี้ยเงินฝากสะสมทรัพย์ 20bp ในช่วงเดียวกันและ 2) ผลกระทบที่ลดลงจากการขึ้นอัตราดอกเบี้ยเงินฝากประจำทุกประเภท 25bp ซึ่งจะค่อย ๆ ปรับตัวในอนาคต ด้วยเหตุดังกล่าว NIM จึงเพิ่มอย่างมีนัยสำคัญเป็น 3.06% (+23bp จาก 2Q23)

(+) **การเติบโตของสินเชื่อ** ออกมาใกล้เคียงคาดโดยเพิ่มขึ้น 0.9% q-q แต่ลดลง 2.6% y-y ส่วนมากเกิดจากการขยายตัวของสินเชื่อขนาดใหญ่และสินเชื่อผ่านเครือข่ายต่างประเทศ สินเชื่อที่โต 1.5% YTD ยังสอดคล้องกับเป้าของ BBL ที่ 4-6% y-y และประมาณการของเราที่ 5% y-y จากกำหนดการเบิกสินเชื่อใน 4Q23

(-) **รายได้ที่ไม่ใช่ดอกเบี้ยสุทธิ** ออกมาต่ำกว่าคาดมากโดยอยู่ที่ 8.44 พัน ลบ. (-22.9% q-q, -17.2% y-y) เนื่องจากมีแรงกดดันจากการตีมูลค่ายุติธรรมผ่านกำไรขาดทุน (FVTPL) ซึ่งลดลงอย่างมีนัยสำคัญจาก 2Q23 ตามสถานะตลาด อย่างไรก็ตามกำไรได้ค่าธรรมเนียมยังโต 3.1% แต่ลดลง 1.4% y-y

(+) **สัดส่วนค่าใช้จ่ายในการดำเนินงานต่อรายได้** สูงกว่าที่เราคาดจากรายได้รวมที่สูงกว่าคาดมากซึ่งช่วยลดสัดส่วนค่าใช้จ่ายในการดำเนินงานต่อรายได้เป็น 45.1% จาก 47.4% ใน 2Q23

(0) **คุณภาพสินทรัพย์** เสื่อมลงเล็กน้อยแต่ไม่น่ากังวล สัดส่วนหนี้ต่อคุณภาพ (FSSIA's calculation) ปรับขึ้นเล็กน้อยเป็น 3.48% จาก 3.46% ใน 2Q23 ส่วนมากมาจากนโยบายที่ไม่เน้นในด้านการขายหนี้เหมือนธนาคารอื่น อย่างไรก็ตามต้นทุนความเสี่ยงในการปล่อยสินเชื่อ (Credit cost) ลดลงเล็กน้อยเป็น 132bp จาก 133bp ใน 2Q23 ซึ่งทำให้สัดส่วนสำรองต่อหนี้ต่อคุณภาพ (Coverage ratio) ลดลงเล็กน้อยเป็น 283% จาก 287% ใน 2Q23

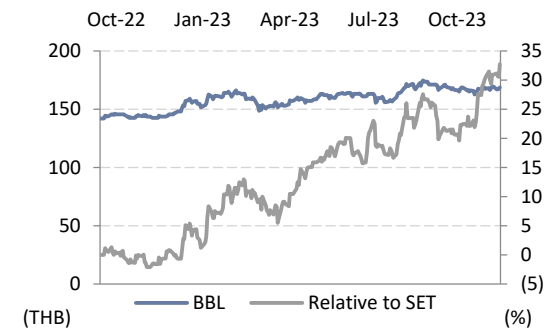
(+) **แนวโน้ม 4Q23.** การขยายตัวของ NIM จะช่วยหนุนผลประกอบการ 4Q23 โดยอาจช่วยหักล้างค่าใช้จ่ายดำเนินงานที่เพิ่มตามฤดูกาลได้บางส่วนและหนุนให้กำไร 4Q23 ออกมาสูงเกินคาด

เราคงคำแนะนำซื้อสำหรับ BBL ราคาเป้าหมายปี 2023 ของเราที่ 197 บาท (GGM) คิดเป็นค่า P/BV อยู่ที่ 0.69x

TARGET PRICE	THB197.00
CLOSE	THB168.50
UP/DOWNSIDE	+16.9%
TP vs CONSENSUS	+2.2%

## KEY STOCK DATA

YE Dec (THB m)	2022	2023E	2024E	2025E
Operating profit	37,229	47,982	51,895	54,599
Net profit	29,306	37,924	41,031	43,170
EPS (THB)	15.35	19.87	21.50	22.62
vs Consensus (%)	-	(8.2)	(9.4)	(10.6)
Recurring net profit	29,306	37,924	41,031	43,170
Core EPS (THB)	15.35	19.87	21.50	22.62
EPS growth (%)	10.6	29.4	8.2	5.2
Core P/E (x)	11.0	8.5	7.8	7.5
Dividend yield (%)	2.7	3.4	3.7	3.9
Price/book (x)	0.6	0.6	0.6	0.5
ROE (%)	5.9	7.2	7.3	7.3
ROA (%)	0.7	0.8	0.9	0.9



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	1.5	2.7	19.9
Relative to country (%)	8.6	10.9	33.9
Mkt cap (USD m)	8,820		
3m avg. daily turnover (USD m)	28.8		
Free float (%)	76		
Major shareholder	Thai NVDR (23%)		
12m high/low (THB)	175.00/138.50		
Issued shares (m)	1,909		

Sources: Bloomberg consensus; FSSIA estimates



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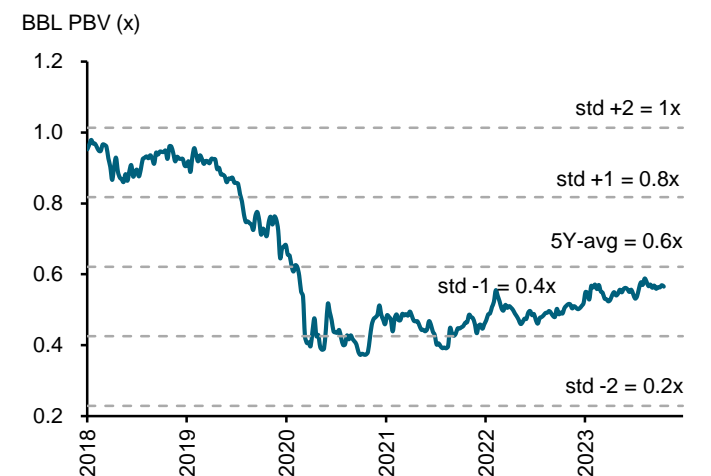
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**Exhibit 1: BBL – 3Q23 results summary**

Year end Dec 31	3Q22	4Q22	1Q23	2Q23	3Q23	--- Change ---		9M22	9M23	Change	%of	2023E	Change
	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)	(q-q%)	(y-y%)	(THB m)	(THB m)	(y-y %)	23E	(THB m)	(y-y %)
Net interest income	26,496	30,454	30,078	31,487	34,130	8.4	28.8	71,769	95,695	33.3	75	127,331	24.6
Non-interest income	10,211	6,431	10,215	10,956	8,443	(22.9)	(17.3)	30,240	29,614	(2.1)	88	33,482	(8.7)
Fee income - net	6,866	6,958	7,122	6,571	6,773	3.1	(1.4)	20,550	20,466	(0.4)	74	27,626	0.4
Insurance premium - net													
Total operating income	36,707	36,886	40,293	42,443	42,573	0.3	16.0	102,009	125,309	22.8	78	160,813	15.8
Total operating expenses	17,006	19,071	18,850	20,111	19,208	(4.5)	12.9	49,947	58,168	16.5	75	77,831	12.8
PPOP before tax	19,701	17,815	21,443	22,333	23,365	4.6	18.6	52,062	67,141	29.0	81	82,982	18.8
Expected credit loss	9,889	7,914	8,474	8,880	8,969	1.0	(9.3)	24,733	26,323	6.4	75	35,000	7.2
Income tax	2,032	2,257	2,728	2,047	2,938	43.5	44.6	5,227	7,712	47.6	80	9,596	28.2
Non-controlling interest	123	74	112	112	108	(3.6)	(11.5)	366	333	(9.1)	72	462	5.0
Net profit	7,657	7,569	10,129	11,294	11,350	0.5	48.2	21,736	32,773	50.8	86	37,924	29.4
EPS (THB)	4.01	3.97	5.31	5.92	5.95	0.5	48.2	11.39	17.17	50.8	86	19.87	29.4
<b>Key ratios</b>	<b>3Q22</b>	<b>4Q22</b>	<b>1Q23</b>	<b>2Q23</b>	<b>3Q23</b>	<b>--- Change ---</b>		<b>9M22</b>	<b>9M23</b>	<b>Change</b>		<b>2023E</b>	
Asset quality ratio	(%)	(%)	(%)	(%)	(THB m)	(q-q%)	(y-y%)	(THB m)	(THB m)	(y-y %)		(%)	
Gross NPLs (THB m)	107,023	97,188	98,359	93,285	94,884	1.7	(11.3)	107,023	94,884	(11.3)		102,047	
% from prior period	1.9	(9.2)	1.2	(5.2)	1.7			(4.8)	(6.2)			5.0	
NPL ratio (%)*	3.83	3.62	3.73	3.46	3.48			3.83	3.48			3.62	
Coverage ratio (%)*	240	261	265	287	283			240	283			252	
NPL ratios (%) - reported	3.50	3.10	3.09	2.90	3.00			3.50	3.00				
Coverage ratio (%) - reported	240	261	265	287	283			240	283				
Credit cost (bp)	145	116	127	133	132			124	132			127	
Profitability ratio	(%)	(%)	(%)	(%)	(%)							(%)	
Cost to income ratio	46.3	51.7	46.8	47.4	45.1			49.0	46.4			48.4	
Average yield (%)	3.31	3.80	4.01	4.26	4.51			3.05	1.52			3.90	
Cost of funds (%)	1.03	1.21	1.53	1.70	1.74			0.96	0.59			1.29	
NIM (%)*	2.45	2.79	2.73	2.83	3.06			2.24	2.89			2.82	
NIM (%) - reported	2.49	2.84	2.84	2.91	3.11								
Non-NII / total inc. (%)	27.8	17.4	25.4	25.8	19.8			29.6	23.6			20.8	
Liquidity ratio	(%)	(%)	(%)	(%)	(%)							(%)	
Loan to deposit	88.4	83.5	82.3	84.3	86.1			88.4	86.1			83.5	
LDBR	83.0	78.9	77.8	79.5	80.0			83.0	80.0			79.0	
Capital adequacy ratio	(%)	(%)	(%)	(%)	(%)								
CAR	18.5	19.1	19.2	19.1	19.6			18.5	19.6			19.3	
CET 1 / Risk assets	14.4	14.9	14.9	14.9	15.4			14.4	15.4			15.2	
Tier 2 / Risk assets	3.3	3.5	3.5	3.4	3.4			3.3	3.4			3.3	
Loan growth	(%)	(%)	(%)	(%)	(%)							(%)	
q-q	5.4	(4.1)	(1.6)	2.2	0.9								
y-y	10.8	3.6	2.0	1.7	(2.6)			10.8	(2.6)			5.0	
Year-to-date	8.1	3.6	(1.6)	0.6	1.5			8.1	1.5				

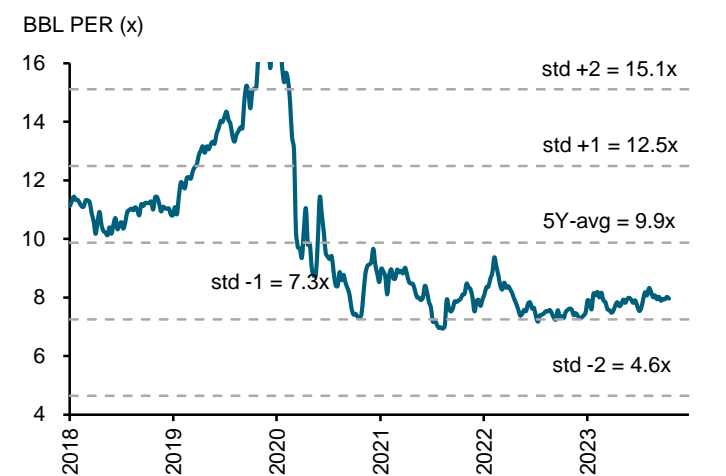
Sources: BBL; FSSIA estimates

**Exhibit 2: BBL – one-year prospective P/BV band**



Sources: Bloomberg; FSSIA estimates

**Exhibit 3: BBL – one-year prospective PER band**



Sources: Bloomberg; FSSIA estimates

## Financial Statements

### Bangkok Bank

Profit and Loss (THB m) Year Ending Dec	2021	2022	2023E	2024E	2025E
Interest Income	114,313	139,088	175,894	190,768	203,027
Interest expense	(32,156)	(36,865)	(48,563)	(53,254)	(57,464)
Net interest income	82,156	102,223	127,331	137,515	145,563
Net fees & commission	29,209	27,508	27,626	27,903	28,182
Foreign exchange trading income	17,868	5,155	2,010	2,010	2,010
Securities trading income	1,225	(1,454)	(2,026)	0	0
Dividend income	2,252	2,306	2,422	2,543	2,670
Other income	1,831	3,156	3,450	3,668	3,900
Non interest income	52,385	36,672	33,482	36,123	36,762
Total income	134,541	138,895	160,813	173,638	182,325
Staff costs	(35,003)	(34,794)	(37,229)	(39,835)	(41,429)
Other operating costs	(32,263)	(34,225)	(40,601)	(45,408)	(48,297)
Operating costs	(67,266)	(69,019)	(77,831)	(85,243)	(89,726)
Pre provision operating profit	67,275	69,876	82,982	88,395	92,599
Expected credit loss	(34,134)	(32,647)	(35,000)	(36,500)	(38,000)
Other provisions	-	-	-	-	-
Operating profit	33,141	37,229	47,982	51,895	54,599
Recurring non operating income	0	0	0	0	0
Associates	-	-	-	-	-
Goodwill amortization	-	-	-	-	-
Non recurring items	0	0	0	0	0
Profit before tax	33,141	37,229	47,982	51,895	54,599
Tax	(6,189)	(7,484)	(9,596)	(10,379)	(10,920)
Profit after tax	26,952	29,746	38,386	41,516	43,679
Non-controlling interest	(445)	(440)	(462)	(485)	(509)
Preferred dividends	-	-	-	-	-
Other items	-	-	-	-	-
Reported net profit	26,507	29,306	37,924	41,031	43,170
Non recurring items & goodwill (net)	-	-	0	0	0
Recurring net profit	26,507	29,306	37,924	41,031	43,170
<b>Per share (THB)</b>					
Recurring EPS *	13.89	15.35	19.87	21.50	22.62
Reported EPS	13.89	15.35	19.87	21.50	22.62
DPS	3.50	4.50	5.80	6.30	6.60
<b>Growth</b>					
Net interest income (%)	6.6	24.4	24.6	8.0	5.9
Non interest income (%)	25.7	(30.0)	(8.7)	7.9	1.8
Pre provision operating profit (%)	27.5	3.9	18.8	6.5	4.8
Operating profit (%)	53.7	12.3	28.9	8.2	5.2
Reported net profit (%)	54.3	10.6	29.4	8.2	5.2
Recurring EPS (%)	54.3	10.6	29.4	8.2	5.2
Reported EPS (%)	54.3	10.6	29.4	8.2	5.2
<b>Income Breakdown</b>					
Net interest income (%)	61.1	73.6	79.2	79.2	79.8
Net fees & commission (%)	21.7	19.8	17.2	16.1	15.5
Foreign exchange trading income (%)	13.3	3.7	1.2	1.2	1.1
Securities trading income (%)	0.9	(1.0)	(1.3)	-	-
Dividend income (%)	1.7	1.7	1.5	1.5	1.5
Other income (%)	1.4	2.3	2.1	2.1	2.1
<b>Operating performance</b>					
Gross interest yield (%)	2.87	3.21	3.90	4.00	4.04
Cost of funds (%)	0.95	1.01	1.29	1.35	1.38
Net interest spread (%)	1.92	2.20	2.61	2.65	2.66
Net interest margin (%)	2.1	2.4	2.8	2.9	2.9
Cost/income(%)	50.0	49.7	48.4	49.1	49.2
Cost/assets(%)	1.7	1.6	1.7	1.8	1.8
Effective tax rate (%)	18.7	20.1	20.0	20.0	20.0
Dividend payout on recurring profit (%)	25.2	29.3	29.2	29.3	29.2
ROE (%)	5.6	5.9	7.2	7.3	7.3
ROE - COE (%)	(4.1)	(3.8)	(2.5)	(2.4)	(2.4)
ROA (%)	0.7	0.7	0.8	0.9	0.9
RORWA (%)	1.0	1.0	1.3	1.3	1.3

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

Sources: Bangkok Bank; FSSIA estimates

## Financial Statements

### Bangkok Bank

Balance Sheet (THB m) Year Ending Dec	2021	2022	2023E	2024E	2025E
Gross customer loans	2,588,339	2,682,691	2,816,826	2,957,667	3,105,550
Allowance for expected credit loss	(219,801)	(243,474)	(257,474)	(270,249)	(283,549)
interest in suspense	7,489	10,138	5,352	5,620	5,901
<b>Net customer loans</b>	<b>2,376,027</b>	<b>2,449,355</b>	<b>2,564,704</b>	<b>2,693,037</b>	<b>2,827,902</b>
Bank loans	801,212	766,074	804,378	836,553	886,747
Government securities	-	-	-	-	-
Trading securities	-	-	-	-	-
Investment securities	889,306	926,608	1,028,534	1,100,532	1,166,564
Cash & equivalents	62,552	52,433	55,459	56,022	50,810
Other interesting assets	-	-	-	-	-
Tangible fixed assets	74,476	73,909	78,111	82,433	86,887
Associates	-	-	-	-	-
Goodwill	-	-	-	-	-
Other intangible assets	-	-	-	-	-
Other assets	129,707	153,373	155,115	156,944	158,864
<b>Total assets</b>	<b>4,333,281</b>	<b>4,421,752</b>	<b>4,686,301</b>	<b>4,925,521</b>	<b>5,177,773</b>
Customer deposits	3,156,940	3,210,896	3,371,440	3,540,012	3,717,013
Bank deposits	-	-	-	-	-
Other interest bearing liabilities	480,061	458,593	519,760	557,752	599,115
Non interest bearing liabilities	201,688	245,122	247,596	250,096	252,623
Hybrid Capital	-	-	-	-	-
<b>Total liabilities</b>	<b>3,838,688</b>	<b>3,914,610</b>	<b>4,138,796</b>	<b>4,347,860</b>	<b>4,568,750</b>
Share capital	19,088	19,088	19,088	19,088	19,088
Reserves	473,639	486,258	526,440	556,400	587,544
<b>Total equity</b>	<b>492,727</b>	<b>505,346</b>	<b>545,529</b>	<b>575,488</b>	<b>606,632</b>
Non-controlling interest	1,865	1,796	1,976	2,173	2,390
<b>Total liabilities &amp; equity</b>	<b>4,333,281</b>	<b>4,421,752</b>	<b>4,686,301</b>	<b>4,925,521</b>	<b>5,177,773</b>
<b>Supplementary items</b>					
Risk weighted assets (RWA)	2,863,700	3,008,228	3,116,390	3,275,472	3,443,219
Average interest earning assets	3,989,281	4,327,116	4,512,556	4,772,245	5,026,806
Average interest bearing liabilities	3,397,538	3,658,397	3,757,909	3,942,673	4,164,812
CET 1 capital	433,699	447,199	474,052	503,057	533,629
Total capital	536,656	551,307	578,160	607,165	637,737
Gross non performing loans (NPL)	101,103	97,188	102,047	107,150	112,507
<b>Per share (THB)</b>					
Book value per share	258.13	264.74	285.79	301.49	317.80
Tangible book value per share	258.13	264.74	285.79	301.49	317.80
<b>Growth</b>					
Gross customer loans	9.5	3.6	5.0	5.0	5.0
Average interest earning assets	15.9	8.5	4.3	5.8	5.3
Total asset (%)	13.5	2.0	6.0	5.1	5.1
Risk weighted assets (%)	4.6	5.0	3.6	5.1	5.1
Customer deposits (%)	12.3	1.7	5.0	5.0	5.0
<b>Leverage &amp; capital measures</b>					
Customer loan/deposits (%)	75.3	76.3	76.1	76.1	76.1
Equity/assets (%)	11.4	11.4	11.6	11.7	11.7
Tangible equity/assets (%)	11.4	11.4	11.6	11.7	11.7
RWA/assets (%)	66.1	68.0	66.5	66.5	66.5
CET 1 CAR (%)	15.1	14.9	15.2	15.4	15.5
Total CAR (%)	18.7	18.3	18.6	18.5	18.5
<b>Asset Quality (FSSIA's calculation)</b>					
Change in NPL (%)	(3.2)	(3.9)	5.0	5.0	5.0
NPL/gross loans (%)	3.9	3.6	3.6	3.6	3.6
Allowance for ECL/gross loans (%)	8.5	9.1	9.1	9.1	9.1
Allowance for ECL/NPL (%)	217.4	250.5	252.3	252.2	252.0
<b>Valuation</b>					
Recurring P/E (x) *	12.1	11.0	8.5	7.8	7.5
Recurring P/E @ target price (x) *	14.2	12.8	9.9	9.2	8.7
Reported P/E (x)	12.1	11.0	8.5	7.8	7.5
Dividend yield (%)	2.1	2.7	3.4	3.7	3.9
Price/book (x)	0.7	0.6	0.6	0.6	0.5
Price/tangible book (x)	0.7	0.6	0.6	0.6	0.5
Price/tangible book @ target price (x)	0.8	0.7	0.7	0.7	0.6

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

Sources: Bangkok Bank; FSSIA estimates

# Bangkok Bank PCL (BBL TB)

**FSSIA ESG rating**

★★★★

**62.08 /100**

Exhibit 4: FSSIA ESG score implication

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	<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 5: ESG – peer comparison

	FSSIA	Domestic ratings						Global ratings						Bloomberg	
	ESG score	DJSI	SET THSI	THSI	CG score	AGM level	Thai CAC	Morningstar	ESG Book	MSCI	Moody's	Refinitiv	S&P Global	ESG score	Disclosure score
SET100	69.2	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	67.1	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 6: ESG score by Bloomberg

FY ending Dec 31	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
ESG financial materiality scores										
BESG ESG score	—	—	1.69	1.69	1.92	2.36	2.60	2.83	2.36	2.19
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
ESG disclosure score	26.91	36.86	43.14	43.98	45.91	53.75	53.53	57.88	60.92	60.06
Environmental disclosure score	0.00	16.79	16.79	16.79	21.56	34.37	33.52	44.22	44.55	44.55
Social disclosure score	0.00	13.09	36.31	36.31	37.33	45.68	48.25	48.25	48.25	45.68
Governance disclosure score	80.52	80.52	76.22	78.72	78.72	81.10	78.72	81.10	89.86	89.86
Environmental										
Emissions reduction initiatives	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Climate change policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Climate change opportunities discussed	No	No	No	No	No	No	No	No	No	No
Risks of climate change discussed	No	No	No	No	No	No	No	No	Yes	Yes
GHG scope 2 location-based	—	—	—	—	—	68	67	79	58	61
Biodiversity policy	No	No	No	No	Yes	Yes	No	No	No	No
Energy efficiency policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Waste reduction policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Environmental supply chain management	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Water policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Sources: Bloomberg; FSSIA's compilation

Exhibit 7: ESG score by Bloomberg (cont.)

FY ending Dec 31	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
BESG ESG score	—	—	1.69	1.69	1.92	2.36	2.60	2.83	2.36	2.19
ESG disclosure score	26.91	36.86	43.14	43.98	45.91	53.75	53.53	57.88	60.92	60.06
Social										
Human rights policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Policy against child labor	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Quality assurance and recall policy	No	No	No	No	No	No	No	No	No	No
Consumer data protection policy	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Community spending	—	—	—	—	—	618	641	212	188	194
No. of customer complaints	—	—	—	—	—	113	158	208	259	192
Equal opportunity policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pct women in workforce	—	—	34	65	67	67	67	67	67	66
Business ethics policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Anti-bribery ethics policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Health and safety policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fatalities - employees	—	—	0	0	0	0	0	0	0	0
Training policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fair remuneration policy	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
No. of employees - CSR	—	26,132	25,806	25,512	24,539	23,054	22,797	22,048	20,514	19,091
Employee turnover pct	—	—	10	10	10	10	10	8	11	13
Total hours 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	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Governance										
Board size	17	16	17	17	18	17	17	19	19	18
No. of independent directors (ID)	6	5	6	6	6	7	7	9	8	6
No. of women on board	1	1	1	1	1	1	1	1	2	1
No. of non-executive directors on board	11	10	11	12	13	9	8	10	9	7
Company conducts board evaluations	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
No. of board meetings for the year	12	12	12	12	12	12	13	13	12	12
Board meeting attendance pct	97	97	—	—	—	96	—	95	98	98
Board duration (years)	3	3	3	3	3	3	3	3	3	3
Director share ownership guidelines	No	No	No	No	No	No	No	No	No	No
Age of the youngest director	46	47	48	49	50	51	52	53	52	53
Age of the oldest director	90	81	85	86	87	88	89	90	91	92
No. of executives / company managers	55	61	60	64	64	67	66	70	66	60
No. of female executives	20	21	22	21	22	20	22	24	21	24
Executive share ownership guidelines	No	No	No	No	No	No	No	No	No	No
Size of audit committee	4	3	4	4	4	4	4	4	3	3
No. of ID on audit committee	4	3	4	4	4	4	4	4	3	3
Audit committee meetings	15	15	16	18	18	17	17	18	16	17
Audit meeting attendance %	95	100	—	89	82	88	90	89	98	94
Size of compensation committee	3	3	3	3	3	3	2	3	3	3
No. of ID on compensation committee	2	3	2	2	2	2	2	3	3	2
No. of compensation committee meetings	8	10	10	7	10	11	10	11	9	12
Compensation meeting attendance %	96	97	97	86	90	97	83	97	100	100
Size of nomination committee	3	3	3	3	3	3	2	3	3	3
No. of nomination committee meetings	8	10	10	7	10	11	10	11	9	12
Nomination meeting attendance %	96	97	97	86	90	97	83	97	100	100
Sustainability governance										
Verification type	No	No	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 (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%).																				
<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="width: 100%; text-align: center;"> <thead> <tr> <th>Rating</th> <th>Score Range</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td rowspan="3"><b>Leader:</b></td> <td>AAA</td> <td>8.571-10.000</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 rowspan="2"><b>Average:</b></td> <td>BBB</td> <td>4.286-5.713</td> </tr> <tr> <td>BB</td> <td>2.857-4.285</td> </tr> <tr> <td rowspan="2"><b>Laggard:</b></td> <td>B</td> <td>1.429-2.856</td> </tr> <tr> <td>CCC</td> <td>0.000-1.428</td> </tr> </tbody> </table>	Rating	Score Range	Description	<b>Leader:</b>	AAA	8.571-10.000	AA	7.143-8.570	A	5.714-7.142	<b>Average:</b>	BBB	4.286-5.713	BB	2.857-4.285	<b>Laggard:</b>	B	1.429-2.856	CCC	0.000-1.428
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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.																				

Source: FSSIA's compilation

**GENERAL DISCLAIMER**

**ANALYST(S) CERTIFICATION**

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

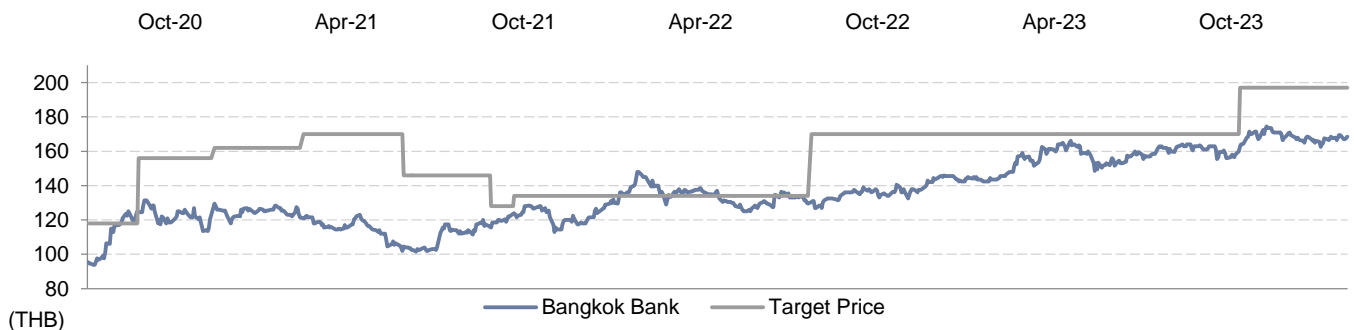
The individual(s) identified above certify(ies) that (i) all views expressed in this report accurately reflect the personal view of the analyst(s) with regard to any and all of the subject securities, companies or issuers mentioned in this report; and (ii) no part of the compensation of the analyst(s) 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
21-Oct-2020	BUY	118.00	23-Apr-2021	BUY	170.00	25-Oct-2021	HOLD	134.00
03-Dec-2020	BUY	156.00	21-Jul-2021	BUY	146.00	08-Jul-2022	BUY	170.00
05-Feb-2021	BUY	162.00	05-Oct-2021	HOLD	128.00	17-Jul-2023	BUY	197.00

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 168.50	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 19-Oct-2023 unless otherwise stated.



## RECOMMENDATION STRUCTURE

### Stock ratings

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