

# **EARNINGS RESULTS**

# **Bangkok Life Assurance**

BLATB / BLA.BK

# Third-quarter result missed on bigger provisioning due to interest risk

#### Profit for 3Q16 was 23% below our numbers

BLA posted 3Q16 earnings of Bt612m, a turnaround from loss of Bt786m in the same period last year but down 93% QoQ. The result was 23% below our forecast due to the bigger loss ratio than modeled. We forecast its 3Q16 loss ratio was 68% (against its real number of 77%, which included reserve for interest rate risk). The 9M16 earnings leaped 71% to Bt3.1bn YoY, which was 72.5% of our current FY16 earnings projection.

# Results highlights

Net premium revenue rose 8% YoY and 21% QoQ to Bt9bn. The premium was 11% over our forecast. The firm set provisions of Bt6.9bn for its life-policy reserve (loss ratio and provision for interest rate [the so-called LAT reserve] of Bt840m) in 3Q16, equal to 77% of total premiums, down from 86.5% in the same period last year and from a minus of 81.02% in previous quarter (caused by a reverse of its reserve of Bt9.5bn from LAT to revenue in 2Q16).

ROI rose to 5.6% in 3Q16 up from 4.9% in the same period last year but down from 6.3% QoQ. Revenue from investments increased 3% QoQ and YoY to Bt2.8bn.

# Outlook

We expect BLA to deliver earnings growth of 90% QoQ but a retreat of 48% YoY. Note that the firm underwent an accounting policy change in 4Q15 about provisions for all rider products (as one-time gains). By stripping out such an impact, we expect BLA to have 4Q16 growth of 15% YoY.

# What's changed?

We have maintained our FY16 and FY17 earnings forecasts of Bt4.3bn and Bt4.9bn, respectively.

#### Recommendation

We view that BLA is well positioned to have strong FYP for FY16 as planned from aggressive product sales via BBL and nationwide branches and solid reserves for interest rate risk (LAT reserve of Bt1.7bn) to shelter its downside risk if long-term bond yields plummet at a fast rate to 1.4% again. These bring BLA's FY16 result to turn into normal profit of Bt4.3bn before bouncing another 14% in FY17 to Bt4.9bn. Given the favorable outlook for a better economy and rising long-term bond yield trends, we reiterate our BUY rating for BLA with its YE17 target price of Bt58.00, (derived from new business [VNB] of Bt20.04 and Embedded Value of Bt37.96).

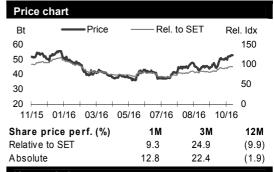
**10 November 2016** 

#### Sector: Insurance - OVERWEIGHT

Rating: BUY

Target Price: Bt58.00

Price (9 November 2016): Bt50.50



Bt86.2bn	USD2.5bn
Bt35.3/Bt55.8	
Bt107m	USD3.0m
1,706	
43.8	
25.0	
	Bt35.3/Bt55.8 Bt107m 1,706 43.8

Consensus rating	BLS Target price vs. Consensus	BLS earnings vs. Consensus
100	Bt 80.0	Btm 6000 ■BLS ■Cons.
80 50 Buy 40 29 Hold 20 21 Sell	60.0 40.0 20.0 0.0	4000 2000 0
	BLS Cons.	16E 17E

Financial summary						
FY Ended 31 Dec	2015	2016E	2017E	2018E		
Total rev (Btm)	55,589	57,182	66,228	71,251		
Net profit (Btm)	4,108	4,300	4,900	5,600		
Fully diluted EPS (Bt)	2.41	2.52	2.87	3.28		
EPS grow th (%)	+55.0%	+4.7%	+14.0%	+14.3%		
PER (x)	21.6	20.7	18.1	15.9		
EV/EBITDA (x)	16.1	17.6	16.6	15.8		
PBV (x)	2.45	2.24	2.00	2.06		
Dividend (Bt)	0.64	0.66	0.86	0.99		
ROA (%)	1.6	1.5	1.4	1.5		
Net gearing (x)	8.0	7.5	7.7	7.7		
Total loss ratio (%)	70.4	73.0	70.0	70.0		
Total premium Mkt (%)	10.0	10.0	10.0	11.0		
CG/Anti-Corruptio	n 🛆		Δ,	4		

CG/Anti-Corruption

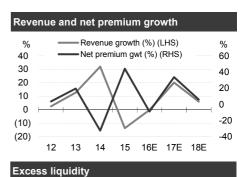
Suwat Bumrungchatudom
Securities Fundamental Investment Analyst suwat@bualuang.co.th

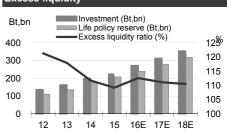
+66 2 618 1341

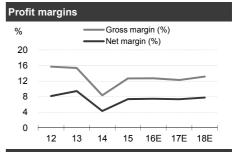


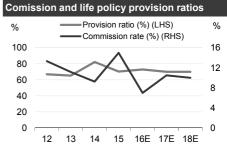
# **BLA: Financial Tables - Year**

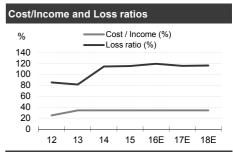
PROFIT & LOSS (Btm)	2014	2015	2016E	2017E	2018E
Insurance premium	51,172		44,062	52,933	56,109
Less Life policy reserve	(42,106)	(31,114)	(32,165)	(37,053)	(39,276)
Net premium	<b>9,066</b> (14,243)	<b>13,061</b> (17,473)	<b>11,897</b> (18,139)	<b>15,880</b> (21,527)	<b>16,833</b> (23,099)
Underw riting expenses Profit from insurance	(5,177)	(4,412)	(6,243)	(5,647)	(6,266)
Revenue on investment	10,255	11,414	13,120	13,295	15,142
Other income/exp.	48	64	450	541	573
Net revenue	5,126	7,066	7,327	8,189	9,449
Operating expenses	(2,033)	(2,179)	(2,148)	(2,387)	(2,625)
EBIT	<b>3,093</b> 0	<b>4,887</b> 0	<b>5,179</b> (11)	<b>5,803</b> (12)	<b>6,824</b> (13)
Minority interest Extra items	0	0	(11)	0	0
Income tax	(443)	(779)	(869)	(891)	(1,211)
Net profit (loss)	2,650	4,108	4,300	4,900	5,600
Reported EPS	1.55	2.41	2.52	2.87	3.28
Fully diluted EPS	1.55	2.41	2.52	2.87	3.28
Core net profit Core EPS	<b>2,602</b> 1.52	<b>4,044</b> 2.37	<b>3,850</b> 2.25	<b>4,359</b> 2.55	<b>5,027</b> 2.94
EBITDA	3,189	4,983	5,275	5,898	6,920
KEY RATIOS	,	,	,	7	.,.
Revenue grow th (%)	31.9	(13.7)	(0.3)	20.1	6.0
Gross margin (%)	8.3	12.7	12.7	12.3	13.2
EBITDA margin (%)	5.2	9.0	9.2	8.8	9.6
Operating margin (%)	4.2 4.3	7.3 7.4	6.7 7.5	6.6 7.3	7.1 7.8
Net margin (%) Core profit margin (%)	4.3	7.4	6.7	6.6	7.0
ROA (%)	1.2	1.6	1.5	1.4	1.5
ROE (%)	10.4	15.2	12.5	12.7	13.0
Commission/Insurance premium	9.3	15.0	7.0	10.5	10.0
Life policy Provision/insurance premium re		70.4	73.0	70.0	70.0
Cost/income Combined ratio	34.0 114.1	34.0 114.9	34.0 119.0	34.0 115.2	34.0 115.8
	117.1	114.0	110.0	110.2	110.0
BALANCE SHEET (Btm) Cash & Equivalent	5,708	7,102	2,706	6,477	6,782
Total investment in securities	198,238	227,584	270,825	311,449	353,171
Total net loans	4,735	6,139	6,753	7,382	7,909
Premises & equipment (Net)	389	547	558	569	581
Other assets	6,520 <b>215,590</b>	8,204 <b>249,576</b>	12,170 <b>293,012</b>	15,609 <b>341,487</b>	14,330 <b>382,772</b>
Total assets Life policy reserve	177,435	208,383	240,548	280,251	319,527
Unpaid benefit to life policy	1,489	470	1,292	3,706	5,877
Premium received in advance	2,239	459	500	550	556
Other liabilities	8,851	13,272	16,322	18,521	13,790
Total liabilities	<b>190,013</b> 1,698	<b>222,585</b> 1,704	<b>258,662</b> 1,704	<b>303,029</b> 1,704	<b>339,750</b> 1,704
Paid-up capital Share premium	3,091	3,220	3,295	3,295	3,295
Retained earnings	20,787	22,017	29,351	33,459	38,024
Shareholders equity	25,576	26,990	34,350	38,458	43,023
Minority interests	0	0	0	0	0
Total Liab.&Shareholders' equity	215,590	249,575	293,012	341,487	382,772
CASH FLOW (Btm)	2,650	4,108	4,300	4,900	5,600
Net income Depreciation and amortization	143	150	157	165	173
Change in w orking capital	39,598	30,708	32,887	37,790	40,327
FX, non-cash adjustment & others	805	806	807	808	809
Cash flows from operating activities	42,390	34,966	37,345	42,855	46,100
Capex (Invest)/Divest	(126)	(247) (39,023)	(11) (43,437)	(11) (40,027)	(11) (41,153)
Others  Cash flows from investing activities	(49,777) (36,529)	(32,407)	(43,448)	(40,027)	(41,165)
Debt financing (repayment)	0	0	0	0	0
Equity financing	0	0	0	0	0
Dividend payment	(678)	(1,325)	(1,090)	(792)	(1,035)
Others	(49,777)	(39,023) (1,325)	(43,437) ( <b>1,090</b> )	(40,027)	(41,153) ( <b>1,035</b> )
Cash flows from financing activities Net change in cash	( <b>678)</b> 5,183	1,235	(7,194)	<b>(792)</b> 2,026	3,900
Free cash flow (Btm)	42,264	34,719	37,334	42,844	46,089
FCF per share (Bt)	24.7	20.3	21.9	25.1	27.0
Insurance data	2014	2015	2016E	2017E	2018E
FYP (Btm)	8,928	7,707	7,687	9,235	9,789
RYP (Btm)	37,379	32,268	32,185	38,665	40,985
SP	1,425	1,358	1,362	1,472	3,716
Total premium (Btm) FYP mkt (%)	51,172 7.8	44,175 9.7	44,062 8.4	52,933 7.6	56,109 7.2
Total premium Mkt (%)	7.7	8.9	9.6	8.7	8.9
- r - · · · · · · · · · · · · · · · · ·					

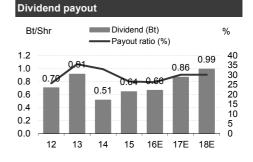














# **BLA: Financial Tables - Quarter**

NIA DTEDI V DDOELT 8 1 000 (Pt )	2045	4045	4040	0040	2042
QUARTERLY PROFIT & LOSS (Btm )  Net insurance premium revenue	<b>3Q15</b> 8,368	<b>4Q15</b> 12,844	1 <b>Q16</b> 12,856	<b>2Q16</b> 7,433	<b>3Q16</b> 9,001
ess provision for life policy reserve	7,241	8,862	17,848	(6,037)	6,936
				,	
levenue realization on premium	1,127	3,982	(4,993)	13,470	2,065
Inderw riting expenses	4,469	3,131	6,564	5,250	4,558
Profit from insurance business	(3,342)	850	(11,556)	8,220	(2,492)
Net investment income	2,715	2,478	2,716	2,721	2,797
Gain on investment	91	29	555	1,207	758
Total revenue from investment	2,806	2,507	3,270	3,928	3,555
Other income	13	18	138	63	24
Total revenues	(523)	3,375	(8,148)	12,211	1,087
Total operating expenses	551	559	541	539	433
Exceptional items	0	0	0	0	0
EBT	(1,074)	2,816	(8,689)	11,671	654
ncom e tax	(287)	531	(1,801)	2,285	45
Minority Interest	(0)	0	0	(6)	(3)
let profit	(786)	2,285	(6,888)	9,392	612
:PS	(0)	1	(4)	6	0
Core profit before tax	(1,177)	2,769	(9,382)	10,402	(129)
Core EPS	(1)	2	(6)	6	(0)
·-·					
EY RATIOS					·-
remium/life policy reserve (%)	17	25	22	13	15
ife policy provision/Premium (%)	87	69	139	(81)	77
Claim/life policy (%)	25	27	20	21	21
ROI (%)	5	4	5	6	6
Net margin (%)	(7)	15	(43)	83	5
Equity/Life policy reserve (%)	14	13	13	10	14
SV (Bt)	15	16	14	19	19
ROE (%)	(11)	36	(102)	155	8
ROA (%)	(1)	4	(11)	14	1
D/E (x)	8	9	8	10	7
Cost to Income (%)	147	98	194	(3)	133
QUARTERLY BALANCE SHEET (Btm)	3Q15	4Q15	1Q16	2Q16	3Q16
Cash & Equivalent	461	7,102	5,590	8,894	9.035
Total investment in securities	226,543	227,584	240,689	242,851	247,149
Total net loans	•				
	5,683 534	6,139 547	6,463	6,674	6,969
Premises & equipment (Net)			572	1,107	1,121
Other assets	9,097	8,204	13,003	8,670	8,904
otal assets	242,317	249,576	266,318	268,196	273,178
ife policy reserve	199,686	208,383	234,972	228,748	235,755
Inpaid benefit to life policy	1,612	470	699	682	719
		0	0	0	0
	723				1 5 1 7
Other liabilities	15,024	13,732	6,395	6,275	4,547
Other liabilities			6,395 242,065	6,275 235,705	241,021
Other liabilities Fotal liabilities	15,024	13,732			
Other liabilities Fotal liabilities Paid-up capital	15,024 217,045	13,732 222,585	242,065	235,705	241,021
Other liabilities Fotal liabilities Paid-up capital Share premium	15,024 217,045 1,200	13,732 222,585 1,704	242,065 1,704	235,705 1,705	241,021 1,705
Other liabilities Fotal liabilities Paid-up capital Share premium Retained earnings	15,024 217,045 1,200 2,700	13,732 222,585 1,704 3,220	242,065 1,704 3,295 19,253	235,705 1,705 3,307	241,021 1,705 3,320 27,124
Other liabilities Fotal liabilities Paid-up capital Share premium Retained earnings Shareholders equity	15,024 217,045 1,200 2,700 15,176	13,732 222,585 1,704 3,220 22,066	242,065 1,704 3,295	235,705 1,705 3,307 27,468	241,021 1,705 3,320
Other liabilities Fotal liabilities Paid-up capital Share premium Retained earnings Shareholders equity Minority interests	15,024 217,045 1,200 2,700 15,176 25,272	13,732 222,585 1,704 3,220 22,066 26,990	242,065 1,704 3,295 19,253 24,253	235,705 1,705 3,307 27,468 32,480	241,021 1,705 3,320 27,124 32,149 7
Premium received in advance Other liabilities Fotal liabilities Paid-up capital Share premium Retained earnings Shareholders equity Minority interests Insurance data FYP (Btm)	15,024 217,045 1,200 2,700 15,176 25,272	13,732 222,585 1,704 3,220 22,066 26,990 0	242,065 1,704 3,295 19,253 24,253 0	235,705 1,705 3,307 27,468 32,480 11	241,021 1,705 3,320 27,124 32,149
Other liabilities Fotal liabil	15,024 217,045 1,200 2,700 15,176 25,272 0	13,732 222,585 1,704 3,220 22,066 26,990 0	242,065 1,704 3,295 19,253 24,253 0 1Q16 1,805	235,705 1,705 3,307 27,468 32,480 11 2Q16	241,021 1,705 3,320 27,124 32,149 7 3Q16
Other liabilities  Total liabilities  Paid-up capital  Share premium  Retained earnings  Shareholders equity  Minority interests  nsurance data	15,024 217,045 1,200 2,700 15,176 25,272 0 3Q15 2,538 5,398	13,732 222,585 1,704 3,220 22,066 26,990 0 <b>4Q15</b> 3,821 6,097	242,065 1,704 3,295 19,253 24,253 0 1Q16 1,805 10,996	235,705 1,705 3,307 27,468 32,480 11 <b>2Q16</b> 1,331 5,628	241,021 1,705 3,320 27,124 32,149 7 3Q16 na
Other liabilities Fotal liabil	15,024 217,045 1,200 2,700 15,176 25,272 0 3Q15 2,538 5,398 501	13,732 222,585 1,704 3,220 22,066 26,990 0 <b>4Q15</b> 3,821 6,097 3,070	242,065 1,704 3,295 19,253 24,253 0 1Q16 1,805 10,996 612	235,705 1,705 3,307 27,468 32,480 11 <b>2Q16</b> 1,331 5,628 669	241,021 1,705 3,320 27,124 32,149 7 3Q16 na na
Other liabilities Fotal premium Fotal premium (Btm) Fotal premium (Btm)	15,024 217,045 1,200 2,700 15,176 25,272 0 3Q15 2,538 5,398 501 8,437	13,732 222,585 1,704 3,220 22,066 26,990 0 <b>4Q15</b> 3,821 6,097 3,070 12,988	242,065 1,704 3,295 19,253 24,253 0 1Q16 1,805 10,996 612 13,412	235,705 1,705 3,307 27,468 32,480 11 <b>2Q16</b> 1,331 5,628 669 7,629	241,021 1,705 3,320 27,124 32,149 7 3Q16 na na na
Other liabilities Fotal liabil	15,024 217,045 1,200 2,700 15,176 25,272 0 3Q15 2,538 5,398 501	13,732 222,585 1,704 3,220 22,066 26,990 0 <b>4Q15</b> 3,821 6,097 3,070	242,065 1,704 3,295 19,253 24,253 0 1Q16 1,805 10,996 612	235,705 1,705 3,307 27,468 32,480 11 <b>2Q16</b> 1,331 5,628 669	241,021 1,705 3,320 27,124 32,149 7 3Q16 na na

Bangkok Life Assurance Public Company Limited (BLA) is one of Thailand's largest pure life assurance players and is a subsidiary of Bangkok Bank (BLL). Its FYP revenue growth is currently about twice the industry average.



Figure 1 : 3Q16 results

FY Ended 31 Dec (Btm)	3Q16	3Q15	YoY %	2Q16	QoQ %	9M16	9M15	YoY %		
Income Statement										
Net insurance premium revenue	9,001	8,368	8	7,433	21	29,290	31,331	-7		
Less provision for life policy rese	6,936	7,241	-4	(6,037)	-215	18,748	22,252	-16		
Revenue realization on premium	2,065	1,127	83	13,470	-85	10,543	9,079	16	•	Net premiums grew YoY
Underwriting expenses	4,558	4,469	2	5,250	-13	16,372	14,342	14		and QoQ
Profit from insurance business	(2,492)	(3,342)	-25	8,220	-130	(5,829)	(5,263)	11		and QoQ
Net investment income	2,797	2,715	3	2,721	3	8,234	7,693	7		
Gain on investment	758	91	735	1,207	-37	2,520	1,214	108	•	Loss ratio declined YoY
Other income	24	13	82	63	-62	225	47	nm		
Total revenues	1,087	(523)	nm	12,211	-91	5,150	3,691	40		lance after a set to a serie to come and
Total operating expenses	433	551	-21	539	-20	1,513	1,620	-7	•	Investment income jumped
EBT	654	(1,074)	-161	11,671	-94	3,636	2,071	76		YoY and QoQ
Income tax	45	(287)	-116	2,285	-98	529	248	114		
Net profit	612	(786)	-178	9,392	-93	3,116	1,823	71		
EPS	0.36	(0.46)	-178	5.51	-93	1.83	1.07	71		
Key ratios										
Premium/life policy reserve (%)	15.3	16.8		13.0		5.1	17.7	1		
Life policy provision/Premium (9	77.1	86.5		(81.2)		64.0	71.0			
ROI (%)	5.6	4.9		6.3		5.8	5.4			
Tax rate (%)	6.8	26.7		19.6		14.5	12.0			
Net margin (%)	4.9	(7.0)		82.7		14.6	5.2			
D/E (x)	7.3	7.7		10.0		7.3	7.7			
Cost to Income (%)	132.5	146.5		(3.3)		107.8	67.5			
Asset/Equity (%)	8.3	8.7		11.0		8.3	8.7			
Balance Sheet									•	ROI rose YoY
Cash & Equivalent	9,035	461	1.862	8.894	2					
Total assets	273,178	242.317	1,002	268.196	2					
	719	1,612	(55)	682	6					
Unpaid benefit to life policy Premium received in advance	719	723	100	002	0					
Total liabilities	241.021	217.045	11	235,705	2					
Retained earnings	27,124	15,176	79	235,703	(1)					
Shareholders equity	32,149	25,272	79 27	32,480	(1)					
Minority interests	32,149 7	25,272		32, <del>4</del> 60	nm					
-	18.9	14.8	nm 28	19.1	(1)					
BV (Bt)	10.9	14.0	20	19.1	(1)					

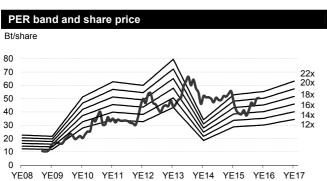
Sources: Company data, Bualuang Research estimates

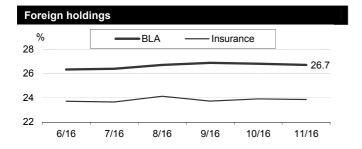


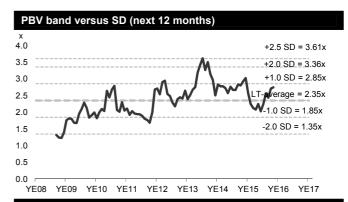
# **Regional Comparisons**

	Bloomberg	Price	Market Cap	PER	? (x)	EPS Gro	wth (%)	PB\	/ (x)	ROE	(%)	Div Yie	eld (%)
	Code	(local curr.)	(US\$ equivalent)	2016E	2017E	2016E	2017E	2016E	2017E	2016E	2017E	2016E	2017E
Ping An Insurance (Group)	601318 CH	CNY34.7	93,960	10.7	10.0	9.9	7.6	1.6	1.4	16.3	15.8	1.6	1.7
China Life Insurance	601628 CH	CNY21.8	85,148	28.7	22.3	-37.1	30.2	1.9	1.8	7.6	9.5	1.4	1.7
China Pacific Insurance (Gro	up 601601 CH	CNY29.8	37,436	20.4	17.9	-25.9	15.3	2.0	1.8	10.0	11.0	2.4	2.4
T&D Holdings	8795 JP	JPY1,167.0	7,508	9.6	9.0	9.0	6.8	0.6	0.5	5.9	6.4	2.7	3.0
Bangkok Life Assurance	BLA TB	THB50.50	2,458	20.1	17.6	4.7	14.0	2.5	2.2	12.5	12.7	1.3	1.7
Thaire Life Assurance	THREL TB	THB9.60	164	14.8	13.7	0.3	7.7	4.1	3.8	29.0	28.9	5.2	5.6
Simple average				17.4	15.1	-6.5	13.6	2.1	1.9	13.5	14.0	2.4	2.7

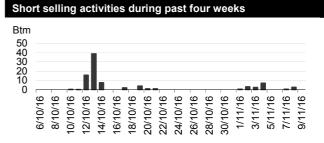














# **Bualuang Securities Public Company Limited**

**DISCLAIMER** 

BUALUANG SECURITIES PUBLIC COMPANY LIMITED (BLS) is a subsidiary of BANGKOK BANK PUBLIC COMPANY LIMITED (BBL). This document is produced based upon sources believed to be reliable but their accuracy, completeness or correctness is not guaranteed. The statements or expressions of opinion herein were arrived at after due and careful consideration to use as information for investment. Expressions of opinion contained herein are subject to change without notice. This document is not, and should not be construed as, an offer or the solicitation of an offer to buy or sell any securities. The use of any information shall be at the sole discretion and risk of the user.

BUALUANG SECURITIES PUBLIC COMPANY LIMITED MAY BE IN RELATIONSHIP WITH THE SECURITIES IN THIS REPORT. "Opinions, projections and other information contained in this report are based upon sources believed to be accurate including the draft prospectus, but no responsibility is accepted for any loss occasioned by reliance placed upon the contents hereof. Bualuang Securities Public Company Limited may from time to time perform investment, advisory or other services for companies mentioned in this report, as well as dealing (as principal or otherwise) in, or otherwise being interested in, any securities mentioned herein, This report does not constitute a solicitation to buy or sell any securities". Investors should carefully read details in the prospectus before making investment decision.

BUALUANG SECURITIES PUBLIC COMPANY LIMITED MAY ACT AS MARKET MAKER AND ISSUER OF DWs, AND ISSUER OF STRUCTURED NOTES ON THESE SECURITIES. The company may prepare the research reports on those underlying securities. Investors should carefully read the details of the derivative warrants and structured notes in the prospectus before making investment decisions.

BUALUANG SECURITIES PUBLIC COMPANY LIMITED IS OR MAY BE AN UNDERWRITER/CO-UNDERWRITER/JOINT LEAD IN RESPECT OF THE INITIAL PUBLIC OFFERING ("IPO") OF SECURITIES.

Financial Advisor	Lead underwriter/ Underwriter/ Co-underwriter
	BANPU, BPP

# **CG** Rating

Score Range	Score Range	Description
90 – 100		Excellent
80 – 89		Very Good
70 – 79		Good
60 – 69		Satisfactory
50 - 00359	<u> </u>	Pass
Below 50	No logo given	N/A

# **Anti-Corruption Progress Indicator**

Level	Description
5	Extended
4	Certified
3B	Established by Commitment and Policy
3A	Established by Declaration of Intent
2	Declared
1	Committed
Partially progress	Partially progress
No progress	No progress



# CORPORATE GOVERNANCE REPORT DISCLAIMER

This research report was prepared by Bualuang Securities Public Company Limited and refers to research prepared by Morgan Stanley. Morgan Stanley does not warrant or guarantee the accuracy or completeness of its research reports. Morgan Stanley reserves copyright and other proprietary rights in the material reproduced in this report. Morgan Stanley is under no obligation to inform Bualuang Securities or you if the views or information referred to or reproduced in this research report change.

#### Corporate Governance Report disclaimer

The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an evaluation of operation and is not based on inside information.

The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date. Bualuang Securities Public Company Limited does not conform nor certify the accuracy of such survey result.

"Disclaimer: The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by the relevant institution as disclosed by the Office of the Securities and Exchange Commission, is made in order to comply with the policy and sustainable development plan for the listed companies. The relevant institution made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment is only the assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, Bualuang Securities Public Company Limited neither confirms, verifies, nor certifies the accuracy and completeness of the assessment result."

# BUALUANG RESEARCH – RECOMMENDATION FRAMEWORK

#### STOCK RECOMMENDATIONS

**BUY:** Expected positive total returns of 15% or more over the next 12 months

**HOLD:** Expected total returns of between -15% and +15% over the next 12 months.

**SELL:** Expected negative total returns of 15% or more over the next 12 months.

**TRADING BUY:** Expected positive total returns of 15% or more over the next 3 months.

#### SECTOR RECOMMENDATIONS

**OVERWEIGHT:** The industry, as defined by the analyst's coverage universe, is expected to outperform the relevant primary market index over the next 12 months. **NEUTRAL:** The industry, as defined by the analyst's coverage universe, is expected to perform in line with the relevant primary market index over the next 12 months.

**UNDERWEIGHT:** The industry, as defined by the analyst's coverage universe, is expected to underperform the relevant primary market index over the next 12 months.