9 NOVEMBER 2020

THAILAND / CONSUMER STAPLES

CP ALL CPALL TB





กขค. อนุมัติการซื้อกิจการ Tesco แบบมีเงื่อนไข

จากสำนักข่าว Bangkok Post เมื่อวันที่ 6 พ.ย. 2020 สำนักงานคณะกรรมการการแข่งขันทาง การค้า (กขค.) ได้อนุมัติการซื้อกิจการ Tesco Asia มูลค่า USD10.6พันล้านหรือ 340พัน ลบ. อย่างมีเงื่อนไข โดยมีข้อสำคัญประกอบด้วย: 1) ห้าม CP Group ซื้อธุรกิจค้าปลีกสมัยใหม่ (Modern Trade) อื่นใด (ยกเว้นอีคอมเมิร์ซ) เป็นระยะเวลา 3 ปี; 2) CP Group จะต้องเพิ่ม ยอดขายสินค้า SME และโอท๊อปของบริษัทฯ อย่างน้อย 10% ต่อปีเป็นระยะเวลา 5 ปี; 3) ห้าม เปลี่ยนแปลงเงื่อนไขสัญญากับผู้ขายหรือผู้จัดจำหน่ายเป็นระยะเวลาอย่างน้อย 2 ปี; และ 4) ห้ามเรียกกำหนดชำระเงินจาก OTOP และ SMEs เกิน 30 และ 45 วันตามลำดับ (เทียบกับหนี้ การค้าที่มีระยะเวลา 60 วันใน 2Q20) เราเชื่อว่าข้อกำหนดดังกล่าวจะไม่ส่งผลกระทบอย่างมี นัยสำคัญในแง่การดำเนินงานและการเงิน เนื่องจากอัตรากำไรขั้นต้นจาก SMEs และสินค้าอื่น ๆ ไม่น่าจะแตกต่างกันมากนัก

กำไรจะลดลงในระยะสั้น

CPALL วางแผนลงทุน USD3พันล้านหรือ 96พัน ลบ. โดยใช้เงินจากกระแสเงินสดของบริษัทฯ และเงินกู้ยืม อย่างไรก็ดี เราคาดว่าบริษัทฯ จะใช้สินเชื่อ 100% ที่อัตราดอกเบี้ย 3.3% ซึ่งจะ ก่อให้เกิดค่าใช้จ่ายดอกเบี้ย 3.2พัน ลบ. นอกจากนี้ CP Retail Development ก็มีแผนกู้เพิ่มอีก 35พัน ลบ. ซึ่งจะก่อให้เกิดค่าใช้จ่ายดอกเบี้ย 1.3พัน ลบ. น่าสังเกตุว่า CPALL ได้ออกหุ้นกู้ จำนวน 7.6พัน ลบ. ในเดือน พ.ค. 2020 ที่อัตราดอกเบี้ย 2.90-3.59% หุ้นกู้ดังกล่าวมีอายุ ระหว่าง 7-12 ปี เราคาดว่ากำไรสุทธิของ Tesco ในปี 2021 จะอยู่ที่ 7.5พัน ลบ. ดังนั้นการซื้อ กิจการของ Tesco จะทำให้กำไรของบริษัทฯ ลดลง 3%

ลดประกาณการกำไรสุทธิเนื่องจากการเติบโตของรายได้ต่อสาขาฟื้นตัวช้ากว่า

การเติบโตของรายได้ต่อสาขา (SSSG) ในเดือน ต.ค. ยังคงติดลบในระดับ 10 ต้น ๆ ซึ่งสะท้อน ว่า SSSG ฟื้นตัวช้ากว่าคาดจากแนวโน้มเศรษฐกิจที่อ่อนแอและตัวเลขนักท่องเที่ยวที่ฟื้นตัวช้า เกินคาด ดังนั้นเราจึงปรับลดประมาณการกำไรสุทธิของเราในปี 2020-2022 ลง 9.4-11.8% หลังลดสมมติฐาน SSSG ในปี 2020 จาก -4% เป็น -10%

เสริมสร้างแนวโห้มการเติบโต

เราปรับลดราคาเป้าหมายของเราเหลือ 77 (จาก 85 บาท) เพื่อสะท้อนการปรับเป้าประมาณ การก่อนหน้าอย่างไรก็ดี เรายังชอบการดำเนินงานของ CPALL และมีความมั่นใจในแนวโน้ม ระยะยาวของบริษัทฯ กำไรที่สะดุดจากผลกระทบของ COVID-19 ควรอยู่ชั่วคราวเนื่องจาก โอกาสในการเติบโตของร้านสะดวกซื้อยังมีอยู่ ในขณะที่การซื้อกิจการ Tesco ควรก่อให้เกิด synergy และสร้างประโยชน์สำหรับธุรกิจค้าปลีกของบริษัทฯ ในระยะยาว



TARGET PRICE	THB77.00
CLOSE	THB59.25
UP/DOWNSIDE	+30.0%
PRIOR TP	THB85.00
CHANGE IN TP	-9.4%
TP vs CONSENSUS	-0.3%

KEY STOCK DATA

YE Dec (THB m)	2019	2020E	2021E	2022E
Revenue	570,712	549,671	606,480	665,718
Net profit	22,343	16,692	20,664	24,606
EPS (THB)	2.49	1.86	2.30	2.74
vs Consensus (%)	-	(6.8)	(3.4)	0.0
EBITDA	45,115	38,488	44,838	50,330
Core net profit	23,049	16,692	20,664	24,606
Core EPS (THB)	2.57	1.86	2.30	2.74
Chg. In EPS est. (%)	-	(9.4)	(10.0)	(11.8)
EPS growth (%)	10.3	(27.6)	23.8	19.1
Core P/E (x)	23.1	31.9	25.8	21.6
Dividend yield (%)	2.1	1.3	1.6	1.8
EV/EBITDA (x)	15.1	17.8	15.0	13.1
Price/book (x)	7.2	6.3	5.5	4.8
Net debt/Equity (%)	105.8	98.2	79.3	61.1
ROE (%)	25.8	16.9	18.8	19.9



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	(1.3)	(13.8)	(24.5)
Relative to country (%)	(2.0)	(8.8)	(2.7)
Mkt cap (USD m)			17,409
3m avg. daily turnover (USD m)			49.8
Free float (%)			40
Major shareholder		CP Gro	oup (45%)
12m high/low (THB)		8	1.00/53.50
Issued shares (m)			8,983.10

Sources: Bloomberg consensus; FSSIA estimates



Karun Intrachai karun.int@fssia.com +66 2611 3555

PREPARED BY FSS INTERNATIONAL INVESTMENT ADVISORY SECURITIES CO LTD (FSSIA). ANALYST CERTIFICATION AND IMPORTANT DISCLOSURES CAN BE FOUND AT THE END OF THIS REPORT

Investment thesis

The convenience store (CVS) format has the most resilient same-store sales growth (SSSG) in Thailand under varying economic conditions. The sector is far from saturation, in our view, and this suggests that CPALL can potentially achieve its target to expand its stores by 700 branches annually to 13,000 by the end of 2021.

On top of its SSSG growth and expansion plan, CPALL plans to increase its GPM by 10-20bps per year by focusing on high-margin ready-to-eat products and non-food high-margin products. We think CPALL's current retail sales GPM of 26-27% could rise from a greater high-margin product volume.

The key upside risk is the faster-than-expected recovery of the tourism industry. In 2019, tourists in Thailand spent THB1.9t, accounting for 12% of GDP, 20% of which (THB380b), was from food & beverage spending. Note that 4-5% of CPALL's sales are derived from tourism.

Company profile

CP All is the market leader in the convenience store segment, with at least a 50% market share in terms of store numbers. At the end of 2019, it operated 11,712 stores. It now owns 94% of Siam Makro (MAKRO TB).

www.cpall.co.th

Principal activities (revenue, 2019)

Sales - 96.5 %

Other income - 3.5 %



Source: CP All

Major shareholders

■ CP Group - 45.4 %

■ Others - 54.6 %

Source: CP All

Catalyst

The recovery of Thailand's economy and increasing consumer confidence, as well as a higher proportion of food products to drive GPM.

Risk to our call

The key downside risks to our DCF-derived TP are: 1) the higher-than-expected impact from a loss of service income from the convenience store business; 2) the worse-than-expected overseas performance of Makro; and 3) a slow recovery in tourist numbers.

Event calendar

Date	Event
11 Nov 2020	3Q20 results announcement

Key assumptions

	2020E	2021E	2022E
	(%)	(%)	(%)
SSSG	(10.0)	5.2	3.0
New store growth	5.7	5.4	5.1
GPM (CVS only)	28.1	28.5	28.7
SG&A to sales	20.1	20.0	19.7

Source: FSSIA estimates

Earnings sensitivity

- For every 1% increase in SSSG we estimate 2021 EPS would rise 0.7%, and vice versa, all else being equal.
- For every 0.1% increase in GPM we estimate 2021 EPS would rise 1.1%, and vice versa, all else being equal.
- For every 1% increase in SG&A to sales we estimate 2021 EPS would fall 1.3%, and vice versa, all else being equal.

Source: FSSIA estimates

3

Recap of Tesco Asia's performance

Tesco Asia (Thailand and Malaysia) reported an operating profit at GBP426m in FY20 (end Feb-20) vs GBP319m in FY19, which grew 33.5% y-y at the actual exchange rate, or 24.8% y-y at the constant exchange rate. This was attributed to cost savings initiatives in Thailand, including a more efficient distribution operation and more focused and effective marketing activities. Note that there was an extra gain of GBP24m. If we exclude this item, its operating profit would be at GBP402m, or THB16.0b.

Exhibit 1: Tesco Asia financial data

	FY18	FY19	FY20
Revenue (GBP m)	4,947	4,873	5,218
Revenue (THB b)	199.9	196.9	210.8
Operating profit (GBP m)	299	319	426
Operating profit (THB b)	12.0	12.8	17.0
Net profit (THB b)	9.7	7.5	n/a

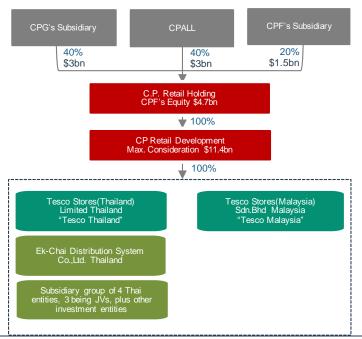
Sources: Tesco; CPALL

According to CPALL's presentation, Tesco Asia delivered THB9.7/THB7.5b net profit for FY18/FY19. Tesco Thailand's net profit was THB7.8b in FY19, while operations in Malaysia contributed a loss of about THB340m that fiscal year. We have limited information for the expected net profit in FY20, but if we assume the same interest and tax expense structure, FY20 net profit would be cTHB11b, in line with the operating profit growth.

Expect 3% earnings dilution from Tesco deal

CPALL plans to invest USD3b, or THB96b, funded by its internal cash flow and debt financing. We assume 100% debt financing with a 3.3% interest rate, which would incur interest expenses of THB3.2b, while CP Retail Development plans to raise additional debt of THB35b, which would incur interest expenses of THB1.2b. Note that CPALL issued a THB7.6b debenture in May-20 with a 2.90-3.59% cost of debt with 7-12 years to maturity. We estimate Tesco's net profit in 2021 at THB7.5b. Hence, the Tesco deal would result in an earnings dilution of 3%.

Exhibit 2: Investment structure in Tesco



Source: CPALL

Exhibit 3: CPALL's earnings dilution after acquiring Tesco

Scenarios	(30%)	(20%)	(10%)	Base case	10%	20%	30%
	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)
Tesco profit in 2021E	5,250	6,000	6,750	7,500	8,250	9,000	9,750
CPALL's earnings in 2021E	20,664	20,664	20,664	20,664	20,664	20,664	20,664
Interest cost (%)	3.3	3.3	3.3	3.3	3.3	3.3	3.3
CPALL's additional debt	96,000	96,000	96,000	96,000	96,000	96,000	96,000
Incremental interest expenses	3,168	3,168	3,168	3,168	3,168	3,168	3,168
Tesco profit in 2021E	5,250	6,000	6,750	7,500	8,250	9,000	9,750
Interest cost (%)	3.3	3.3	3.3	3.3	3.3	3.3	3.3
CP Retail Development's additional debt	35,000	35,000	35,000	35,000	35,000	35,000	35,000
Incremental interest expenses	1,155	1,155	1,155	1,155	1,155	1,155	1,155
Net profit from Tesco	4,095	4,845	5,595	6,345	7,095	7,845	8,595
Equity income from Tesco (40%)	1,638	1,938	2,238	2,538	2,838	3,138	3,438
Net impact to CPALL's bottom line	(1,530)	(1,230)	(930)	(630)	(330)	(30)	270
Earnings dilution (%)	(7.4)	(6.0%)	(4.5)	(3.0)	(1.6)	(0.1)	1.3

Sources: CPALL; Tesco; FSSIA estimates

Net profit and TP revisions

SSSG in October remained in negative territory in the low teens, reflecting a slower-than-expected SSSG recovery due to the weak economic outlook and the slower-than-expected recovery in tourist numbers. Hence, we revise down our net profit forecast for 2020-22 by 9.4-11.8% after lowering our 2020 SSSG assumption from -4% to -10% and fine-tune our SG&A to sales and GPM assumptions for 2021-22. We lower our TP to THB77 (from THB85) to reflect our earnings cuts. However, we still like CPALL's operations and are positive on its long-term prospects. The earnings hiccup from COVID-19 should be temporary, given the resilient growth of the CVS format.

Exhibit 4: Assumption revisions

	Current				Previous			Change		
	2020E	2021E	2022E	2020E	2021E	2022E	2020E	2021E	2022E	
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
Sales (THB m)	520,273	574,956	631,982	540,784	597,616	656,622	(3.8)	(3.8)	(3.8)	
SSSG	(10.0)	5.2	3.0	(4.0)	5.2	3.0	(6.0)	0.0	0.0	
Gross margin	28.1	28.5	28.7	28.1	28.5	28.9	0.0	0.0	(0.2)	
No. of new stores (no.)	500	700	700	500	700	700	0	0	0	
SG&A expenses to total revenue	20.1	20.0	19.7	20.1	19.9	19.7	(0.0)	0.1	0.1	
Net profit (THB m)	16,692	20,664	24,606	18,433	22,954	27,900	(9.4)	(10.0)	(11.8)	

Sources: FSSIA estimates

Exhibit 5: DCF valuation

DCF-derived TP	(%)	(THB b)
Discount rate (WACC)	7.7	
Terminal growth	2.0	
NPV		244
Add: terminal value		569
Sum of PV		812
Add: investment		0
Less: debt		104
Less: minorities		15
Residual ordinary equity		693
No. of shares (m)		8,983
Residual ordinary equity (THB/share)		77

Source: FSSIA estimates

CP All CPALL TB

Financial Statements

CP All

Profit and Loss (THB m) Year Ending Dec	2018	2019	2020E	2021E	2022E
Revenue	526,855	570,712	549,671	606,480	665,718
Cost of goods sold	(384,188)	(414,843)	(400,534)	(440,482)	(484,192)
Gross profit	142,667	155,868	149,138	165,998	181,526
Other operating income	0	0	0	0	0
Operating costs	(100,195)	(110,753)	(110,650)	(121,161)	(131,197)
Operating EBITDA	42,472	45,115	38,488	44,838	50,330
Depreciation	(10,444)	(11,220)	(11,379)	(12,402)	(13,496)
Goodwill amortisation	0	0	0	0	0
Operating EBIT	32,028	33,896	27,109	32,435	36,834
Net financing costs	(6,916)	(6,427)	(6,282)	(6,074)	(5,492)
Associates	0	0	0	0	0
Recurring non operating income	0	0	0	0	0
Non recurring items	40	(705)	0	0	0
Profit before tax	25,152	26,764	20,826	26,361	31,342
Tax	(3,969)	(4,070)	(3,749)	(5,272)	(6,268)
Profit after tax	21,183	22,694	17,078	21,089	25,074
Minority interests	(253)	(351)	(386)	(425)	(467)
Preferred dividends	0	0	0	0	0
Other items	0	0	0	0	0
Reported net profit	20,930	22,343	16,692	20,664	24,606
Non recurring items & goodwill (net)	(40)	705	0	0	0
Recurring net profit	20,890	23,049	16,692	20,664	24,606
Per share (THB)					
Recurring EPS *	2.33	2.57	1.86	2.30	2.74
Reported EPS	2.33	2.49	1.86	2.30	2.74
DPS	1.10	1.25	0.74	0.92	1.10
Diluted shares (used to calculate per share data)	8,983	8,983	8,983	8,983	8,983
Growth					
Revenue (%)	7.7	8.3	(3.7)	10.3	9.8
Operating EBITDA (%)	4.0	6.2	(14.7)	16.5	12.2
Operating EBIT (%)	2.5	5.8	(20.0)	19.6	13.6
Recurring EPS (%)	4.9	10.3	(27.6)	23.8	19.1
Reported EPS (%)	5.1	6.8	(25.3)	23.8	19.1
Operating performance					
Gross margin inc depreciation (%)	25.1	25.3	25.1	25.3	25.2
Gross margin of key business (%)	27.6	28.1	28.1	28.5	28.7
Operating EBITDA margin (%)	8.1	7.9	7.0	7.4	7.6
Operating EBIT margin (%)	6.1	5.9	4.9	5.3	5.5
Net margin (%)	4.0	4.0	3.0	3.4	3.7
Effective tax rate (%)	15.8	14.8	18.0	20.0	20.0
Dividend payout on recurring profit (%)	47.3	48.7	40.0	40.0	40.0
Interest cover (X)	4.6	5.3	4.3	5.3	6.7
Inventory days	27.1	26.9	28.3	26.4	26.3
Debtor days	6.2	6.0	6.2	5.8	5.8
Creditor days	87.2	83.2	80.9	72.0	71.5
Operating ROIC (%)	51.1 11.2	50.5	32.2	32.9	36.1
ROIC (%)	11 2	11.8	8.8	10.0	11.2
ROE (%)		25.2			
	26.1	25.8	16.9	18.8	19.9
ROA (%)		25.8 7.7	16.9 5.9	18.8 6.8	19.9 7.5
	26.1 7.3		5.9		
ROA (%)	26.1				
ROA (%) * Pre-exceptional, pre-goodwill and fully diluted	26.1 7.3	7.7	5.9	6.8	7.5

Sources: CP All; FSSIA estimates

Financial Statements

CP All

Cash Flow (THB m) Year Ending Dec	2018	2019	2020E	2021E	2022E
Recurring net profit	20,890	23,049	16,692	20,664	24,606
Depreciation	10,444	11,220	11,379	12,402	13,496
ssociates & minorities	253	351	386	425	467
Other non-cash items	2 507	(2.112)	(10.071)	2.015	4.049
Change in working capital Cash flow from operations	2,507 34,094	(2,112) 32,508	(10,071) 18,386	3,915 37,406	4,018 42,587
capex - maintenance	0	0	0	0	42,307
Capex - new investment	(15,338)	(16,015)	(18,087)	(19,334)	(20,667)
let acquisitions & disposals	83	(811)	(2)	(2)	(2)
Other investments (net)	(891)	(185)	4,344	2,469	2,596
Cash flow from investing	(16,146)	(17,010)	(13,744)	(16,866)	(18,073)
Dividends paid	(9,881)	(11,229)	(6,677)	(8,266)	(9,843)
Equity finance	9,839	(710)	0	0	0
Debt finance	(12,679)	(8,530)	2,384	(11,357)	(14,251)
Other financing cash flows Cash flow from Financing	0 (12,722)	0 (20,469)	0 (4,293)	0 (19,623)	(24,093)
Non-recurring cash flows	0	(20,409)	(4,293)	(19,023)	(24,093)
Other adjustments	0	0	0	0	0
Net other adjustments	0	0	0	0	0
Movement in cash	5,226	(4,971)	349	917	421
Free cash flow to firm (FCFF)	25,143.91	22,218.88	11,225.11	26,921.03	30,319.24
ree cash flow to equity (FCFE)	5,268.92	6,967.48	7,026.12	9,182.70	10,263.58
Per share (THB)					
FCFF per share	2.80	2.47	1.25	3.00	3.38
FCFE per share	0.59	0.78	0.78	1.02	1.14
Recurring cash flow per share	3.52	3.85	3.17	3.73	4.29
Balance Sheet (THB m) Year Ending Dec	2018	2019	2020E	2021E	2022E
angible fixed asset (gross)	169,822	181,036	198,172	216,507	236,125
Less: Accumulated depreciation	(58,535)	(64,954)	(75,382)	(86,786)	(99,233)
Tangible fixed assets (Net)	111,287	116,082	122,789	129,721	136,892
ntangible fixed assets (Net)	128,096	128,096	128,096	128,096	128,096
Long-term financial assets	0	0	0	0	0
nvest. In associates & subsidiaries Cash & equivalents	34 35,490	36 30,519	38 30,869	40 31,786	42 32,207
VC receivable	9,447	9,447	9,099	10,039	11,020
nventories	29,570	31,538	30,490	33,275	36,567
Other current assets	487	419	404	445	489
Current assets	74,994	71,923	70,862	75,545	80,282
Other assets	59,330	59,480	52,565	52,624	52,686
Total assets	373,741	375,617	374,350	386,026	397,998
Common equity	84,831	93,739	103,754	116,152	130,916
Minorities etc.	14,988	14,629	15,015	15,440	15,907
Fotal Shareholders' equity Long term debt	99,819 126,894	108,368 129,193	118,769 15,694	131,592 17,263	146,823 20,084
Other long-term liabilities	23.277	25.139	22,617	24,955	27,392
Long-term liabilities	150,171	154,333	38,311	42,218	47,477
VC payable	94,657	94,514	83,047	90,687	98,977
Short term debt	26,778	15,948	131,830	118,904	101,832
Other current liabilities	2,318	2,456	2,392	2,624	2,889
Current liabilities	123,752	112,917	217,269	212,216	203,698
Total liabilities and shareholders' equity	373,742	375,617	374,350	386,026	397,998
Net working capital	(57,471)	(55,565)	(45,446)	(49,552)	(53,790)
nvested capital Includes convertibles and preferred stock which is be	241,277 sing treated as debt	248,129	258,042	260,928	263,925
<u> </u>					
Per share (THB)	7.00	0 22	0.22	10.74	40.00
Book value per share Fangible book value per share	7.23 (7.03)	8.22 (6.04)	9.33 (4.93)	10.71 (3.55)	12.36 (1.90)
Financial strength	(7.00)	(0.04)	(7.33)	(5.55)	(1.50)
Net debt/Equity (%)	118.4	105.8	98.2	79.3	61.1
Net debt/total assets (%)	31.6	30.5	31.2	27.0	22.5
Current ratio (x)	0.6	0.6	0.3	0.4	0.4
CF interest cover (x)	4.0	4.6	5.0	5.7	6.6
/aluation	2018	2019	2020E	2021E	2022E
Recurring P/E (x) *	25.5	23.1	31.9	25.8	21.6
Recurring P/E @ target price (x) *	33.1	30.0	41.4	33.5	28.1
Reported P/E (x)	25.4	23.8	31.9	25.8	21.6
Dividend yield (%)	1.9	2.1	1.3	1.6	1.8
Price/book (x)	8.2	7.2	6.3	5.5	4.8
Price/tangible book (x)	(8.4)	(9.8)	(12.0)	(16.7)	(31.1)
EV/EBITDA (x) **	16.1	15.1	17.8	15.0	13.1
EV/EBITDA @ target price (x) ** EV/invested capital (x)	19.9 2.8	18.6	21.9	18.5	16.2
		2.7	2.7	2.6	2.5

Sources: CP All; FSSIA estimates

Corporate Governance report of Thai listed companies 2019

EX NINE NOBLE NOK NTV NWR OCC OGC ORI OSP PATO B PDG PDI PL PLAT PM PPP PRECHA PRIN PRINC PSTC T QLT RCL RICHY RML RWI S11 SAAM SALEE SAMCO SANKO APPE SAWAD SCG SCI SCP SE SFP SIAM SINGER SIRI SKE KR SKY SMIT SMK SMPC SMT SNP SONIC SPA SPC SPCG PVI SR SRICHA SSC SSF SST STANLY STPI SUC SUN SUSCO UTHA SWC SYMC SYNEX T TACC TAE TAKUNI TBSP TCC TCMC EAM TEAM TFG TFMAMA THG THRE TIPCO TITLE TIW TITL TKN											
BAPFS BANPU BAY BCP BCPG BOL BBR BTS BTW BWG BFESH CHEW CHO CK CKP CM CNT COL COMAN CPALL CPF CPN CSS DELTA DEMCO DRT GOL GOL GOL CAS			AIDA	AKD.	AKB.	Λ Ν Λ	ΛΜΛΤΛ	ΛΜΛΤΛΥ	ANIANI	AOT	ΛD
PRESH											
P CPN											
GOO GEX GC GCAP GEL GFPT GGC GOLD GPSC GRAMMY GAMA HAMPRO ICC ICH III ILINK INTUCH IRPC IVL JKN											
HARN											
SP											
TI											
NCH											
DJ PG PHOL, PJW PLANE PLANET PORT PRS PRS PREB PRG MM PSH PSL PTG PTT PTTEP PTTEP PTTGC PLON. Q-CON Q											
PSH											
ATCH ROBINS** R.S S S S S S S S S S											
CC SCC SCN SDC SEAFOU SEAFOU SELIC SENA SIS SITHAI NO SORKON SPAL SPI SPRC SSSC STA STEC SVI SYNTEC TASO MB TMILL THANA THANA THANA THOP TRC TRU TIVE TIV											
NC											
THAN											
MB											
TACOAL WEYE WHA WHALP WICE WINNER TOTAL TITU											
MADAL WAVE											
S							U	UAC	UV	VGI	VIH
S			WHA	WHAUP	WICE	WINNER					
MARIN APCO APCS AQUA ARIP ASAP ASIA ASIAN ASIMAR ASK ASN SP ATR90 AUCT AYUD B BA BA BBL BOMS BEC BEM BFIT GC BACHI BLZ BJC BJCHI BLA BPP BROOK CBG CEN CENTER COMPANY COLOR COMPANY COLOR BOWN COLOR COMPANY COLOR COLOR COMPANY COLOR CO											
SP											
GC BGRIM BIZ BJC BJCHI BLA BPP BROOK CBG CEN CENTEL GH CHG CHOTI CHOW CI CIMBT CNS COLOR COM7 COTTO CRD SC CSP DCC DCON DDD DDD DD EASON ECL EE EPG ERW STAR ETE FLOYD FN FNS FORTH FPI FPT FRAMATI FS FVC BNCO GJS GL GLOBAL GLOW™ GULF HPT HTC HYDRO ICN JFS BET INSURE IRC IRCP IT ITD™ ITEL J JAS* JCK JCK JCK BART JMT JWD KBS KCAR KGI KIAT KOOL KWC KWM L&E BLAIN LANNA LDC LHK LOXLEY LRH LST M MACO MAJOR MBAX BEGA METCO MFC MK MODERN MOONG MFG MSC MTI NEP NETBAY EX NINE NOBLE NOK NTV NWR OCC OGC ORI OSP PATO B PDG PDI PL PLAT PM PPP PRECHA PRIN PRINC PSTC TO LT RLT RICHY RML RWI SI1 SAMA SALEE SAMCO SANKO APPE SAWAD SCG SCI SCP SE SFP SIAM SINGER SIRI SKE KR SKY SMIT SMK SMPC SMT SAMP SONICE SPA SPC SPG PVI SR SRICHA SSC SSF SST STANLLY STPI SUC SUN SUSCO UTHA SWC SYNIC SYNIEX T TACC TAE TAKUNI TBSP TCC TCMC EAM TEAMS TFG TFMAMA THG THEE TIPOO TITLE TW TKN TKS MM TMC TMD TIME TO THE TWO TREATING THE TWO TYNIC TREATING TO THE TWO JIK XO YUASA ZEN ZMICO **SOOD LEVEL** **ABCO ACAP*** AEC AEONTS AJ ALUCON BM BR BR BROCK SMM SM BRD C CET CCP CGD CHARAN CHAYO CITY CMN MCC **SOOD LEVEL** **ABCO ACAP*** AEC AEONTS AJ BLIC NAME BR BROCK SMM SM BRD C CET CCP CGD CHARAN CHAYO CITY CMN MCC **SOOD LEVEL** **ABCO ACAP*** AEC AEONTS BH BIG BLAND BM BR BROCK SMM SM BRD C CET CCP CGD CHARAN CHAYO CITY CMN MCC **SOOD LEVEL** **ABCO ACAP*** AEC AEONTS BH BIG BLAND BM BR BROCK SMM SM BRD C CET CCP CGD CHARAN CHAYO CITY CMN MCC **SOOD LEVEL** **ABCO ACAP*** AEC AEONTS BH BIG BLAND BM BR BROCK SMM SM BRD C CET CCP CGD CHARAN CHAYO CITY CMN MCC **SOOD LEVEL** **ABCO ACAP*** AEC AEONTS BH BIG BLAND BM BR BROCK SMM SM BRD C CET CCP CGD CHARAN CHAYO CITY CMN MCC **SOOD LEVEL** **ABCO ACAP*** AEC AEONTS BH BIG BLAND BM BR BROCK SMM SM BRD C CET CCP CGD CHARAN CHAYO CITY CMN MCC **SOOD LEVEL** **ABCO ACAP*** AEC AEONTS BH BIG BLAND BM BR BROCK SMM SM BRD C CET CCP CGD CHARAN CHAYO CITY CMN MCC **SOOD LEVEL** **ABCO ACAP*** AEC AEONTS BH BIG BLAND BM BR BROCK SM BR BRD C CET CCP CGD CHARAN CHAYO CITY CMN MCC **SOOD LEVEL**											
GH CHG CHGT CHOW CI CIMBT CNS COLOR COM7 COTTO CRD SC CSP DCC DCON DDD DDD DDD CASON ECL EE EPG ERW STAR ETE FLOYD FN FNS FORTH FPI FPT FSMART FSS FVC ENCO GJS GL GLOBAL GLOW'* GULF HPT HTC HTC HYDRO ICN ISS HET INSURE IRC IRCP IT ITD'** ITEL J JAS* JCK JCKH MART JMT JWD KIBS KCAR KGI KIAT KOOL KWC KWM LÆ ALIN LANNA LDC LHK LOXLEY LRH LST M MACO MAJOR MBAX LEGA METCO MFC MK MODERN MOONG MPG MSC MTI NEP NETBAY EX NINE NOBLE NOK NTV NWR OCC GC OR OR JOP PATO B PDG PDI PL PLAT PM PPP PRECHA PRIN PRINC PSTC T QLT RCL RICHY RML RWI S11 SAMM SALEE SAMCO SANKO APPE SAWAD SCG SCI SCP SE SF SIAM SINGER SIRI SKE KR SKY SMIT SMK SMPC SMT SHP SONIC SPA SPC SYMC SYNEX T TACC TAE TAXUNI TISSP TCC TOMC CEAM TEAMS THE THORY TO THE TIPCO TITLE TIW TKN TKS MM TMC THM LORSH UP											
SC CSP DCC DCON DDD DOD DASON ECL EE EPG ERW STAR ETE FLOYD FN FNS FORTH FPI FPT EFMART FSS FVC ENCO GJS GL GLOBAL GLOW" GUF HPT HTC HYDRO ICN IPS LET INSURE IRC IRCP IT ITD" ITEL J JAS" JCK JCH MART JMT JWD KISS KCAR KGI KJAT KOOL KWC KWM LAE ALIN LANNA LDC LHK LOXLEY LRH LST M MACO MAJOR MBAX LEGA METCO MFC MK MODERN MOONG MPG MSC MTI NEP NETBAY EX NINE NOBLE NOK NTV NWR OCC OGC ORI OSP PATO B PDG PDI PL PLAT PM PPP PRECHA PRIN PRINC PSTC TARE SKY SMIT SMK SMPC SMF SSF SST STANLY STPI SUC SUN SUSCO UTHA SWC SYMC SYNEX T TACC TAE TAKIN TBSP TCC TOM EAM TAMO TMC TMD TMI TMT TNITY TNL TNP TNR TOG TPA EAM TEAM TO TMD TMI TMT TNITY TNL TNP TNR TOG TPA EACH TEBH TOOR SEA SHOW SIN SEA SEA SEFA BSC BSC CORP SE SIP SIAM BR TO TAT TWE WFC UBIS UEC UMI UOBKH UP UPF UPFIC UT UWC VNT NOOD LEVEL ABICO ACAP*** A EC ALONTS IN JURGE SIN SWR SIN SA SICE SSM BSM BTNC COET CSR CITY OWN ACAP NOON NOON ACAP*** A EC ALONTS IN JURGE SIN SEA SEFA BROCK SSM BSM BTNC COET CSR CITY OWN ACAP NOON ACAP NOON ACAP*** A EC ALONTS AJ ALUCON AMC APURE AS ASEFA BROCK SSM BSM BTNC COET CSR CITY OWN AMF DIM M TYNC TIMD TMI TMT TNITY TNL TNP TNR TOG TPA PAC TPBI TPCORP TPOLY TRITN TRIT TSE TST TVI TVT TWP WFC UBIS UEC UMI UOBKH UP UPF UPFOIC UT UWC VNT NOOD LEVEL A BICO ACAP*** A EC ALONTS AJ ALUCON AMC APURE AS ASEFA BROCK SSM BSM BTNC COET CSR CITY OWN AMC APURE AS ASEFA BROCK SSM BSM BTNC COET CSR CITY OWN THE THIN TIME TOR THE TWO THIN CRC BROOK SSP ST ST STANLY DIME TO THE TRIN TOR THE TWO THIN TOR THE TWO TWN CRC NOON AND PROOCH ACAP BOOLD SSO FE FTE GIFT GLAND GLOCON BPI GREEN GTB GYT CHILD AND TWO TWO THE TWO											
STAR											
ENCO											
HET											
MART JMT JWD KBS KCAR KGI KIAT KOOL KWC KWM LAE ALIN LANNA LDC LHK LOXLEY LRH LST M MAGO MAJOR MBAX JEGA METCO MFC MK MODERN MOONG MPG MSC MTI NEP NETBAY EX NINE NOBLE NOK NTV NWR OCC OGC ORI OSP PATO B PDG PDI PL PLAT PM PPP PRECHA PRIN PRINC PSTC T QLT RCL RICHY RML RWI S11 SAAM SALEE SAMCO SANKO APPE SAWAD SCG SCI SCP SE SFP SIAM SINGER SIRI SKE KR SKY SMIT SMK SMPC SMT SNP SONIC SPA SPC SPCG PVI SR SRICHA SSC SSF SST STANLY STPI SUC SUN SUSCO UTHA SWC SYNC SYNEX T TACC TAE TAKUNI TBSP TCC TOMC EAM TEAMIG TFG TEMAMA THG THRE TIPCO TITLE TW TKN TKS M TMC TMD TMI TMT TNITY TNL TNP TNR TOG TPA PAC TPBI TPCORP TPOLY TRITIN TRY TSE TSTE TVI TVT TWP TWRC UBIS UEC UMI UDBH UP UPF UPOIC UT UWC VNT JIKK XO YUASA ZEN ZMICO ABICO ACAP"** AEC AEONTS AJ ALUCON AMC APURE AS ASEFA U BS2 BCH BEAUTY BGT BH BIG BLAND BM BR BROCK SBM BSM BTNC CCET CCP CGD CHARAN CHAYO CITY CMAN CMC MO CMR CPL CPT CSR CTV CWT D DIMET EKH EMC MO CMR CPL CPT CSR CTV CWT D DIMET EKH EMC MO CMR CPL CPT CSR CTV CWT D DIMET EKH EMC MO CMR CPL CPT CSR CTV CWT D DIMET EKH EMC MO MYP NC NDR NER NNCL NPR NNCL NPR DOST PA PFECO SSO FE FTE GIFT GLAND GLOCON GPI GREEN GTB GYT TECH HUMAN IHL INGRS INOX JTS JUBILE KASET KCM KKC KWG MO MYP NC NDR NER NNCL NPR NNCL NPR NNST SOLAR SPG MO MYP NC NDR NER NNCL NPR NNST SOLAR SPG MO MYP NC NDR NER NNCL NPR NNSS DESTITUTE TO THE THE MC OPP TPOLY THAT TO THE THIN TYCN UTP VCOM VIBHA VPO NN WORK WP WPH ZIGA **SOLO SESSO FE FTE GIFT GLAND GLOCON GPI GREEN GTB GYT TECH HUMAN IHL INGRS INOX JTS JUBILE KASET KCM KKC KWG MO MYP NC NDR NER NNCL NPR NNSS OCEAN PAF PF NUMBER OF SOLO SASISTACTORY MYPH ZIGA **SOLO SESSO FE FTE GIFT GLAND GLOCON GPI GREEN GTB GYT THE COPP TPOLY THAT TYCN UTP VCOM VIBHA VPO **NOOL DESTITUTE TO THE THIN TYCN UTP VCOM VIBHA VPO **SOLO SESSO FE FTE GIFT GLAND GLOCON GPI GREEN GTB GYT THE COPP TPOLY THAT MTT TYCN UTP VCOM VIBHA VPO **NOOL SESSO FE FTE GIFT GLAND GLOCON GPI GREEN GTB GYT THE COPP THAT THE THE COPP TO THE THIN TYCN UTP VCOM VIBHA VPO **NOOL SESSO FE FTE GIFT GLAND GLOCON GPI GR											
ALIN											
IEGA											
EX											
B	/IEGA				MODERN						NETBAY
T	1EX			NOK	NTV			OGC	ORI		PATO
APPE SAWAD SCG SCI SCP SE SFP SIAM SINGER SIRI SKE KR SKY SMIT SMK SMPC SMT SNP SONIC SPA SPC SPCG PVI SR SRICHA SSC SSF SST STANLY STPI SUC SUN SUSCO UTHA SWC SYMC SYMEX T TACC TAE TAKUNI TBSP TCC TCMC EAM TEAMG TFG TEMAMA THG THRE TIPCO TITLE TIW TKN TKS M TEAMG TFG TEMAMA THG THRE TIPCO TITLE TIW TKN TKS M TMC TMD TMI TMT TNITY TNL TNP TNR TOG TPA PAC TPBI TPCORP TPOLY TRITN TRIT TSE TSTE TVI TVT TWP WPC UBIS UEC UMI UOBKH UP UPF UPOIC UT UWC VNT WILL XO YUASA ZEN ZMICO SOOD LEVEL SOOD LEVEL OOD LEVEL ABICO ACAP*** AEC AEONTS AJ ALUCON AMC APURE AS ASEFA US BSM BTNC CCET CCP CGD CHARAN CHAYO CITY CMAN CMC MO CMR CPL CPT CSR CTW CWT D DIMET EKH EMC PCO ESSO FE FTE GIFT GLAND GLOCOO GPI GREEN GTB GYT TECH HUMAN IHL INGRS INOX JTS JUBILE KASET KCM KKC KWG YEE LEE LPH MATCH MATI M-CHAI MCS MDX META GTB GYT MIN MVP NC NDR NER NNCL NPK NUSA OCEAN PAF PP PROUN PRO SSP STI SUPER SWAD TOCK THE THMUI TIC TIGER THH OPP TPLAS TOM TITL TYCH UPP VCOM VIBHA VPO ININ WORK WP WPH ZIGA SCORE NUMBER SWAD TOCK THE THMUI TIC TIGER THH OPP TPLAS TOM TITL TYCH UTP VCOM VIBHA VPO ININ WORK WP WPH ZIGA PASS NUMBER SING SING SMT SNP SONIC SPA SPC SPC SPC SHAME STANLY STPI SUPER SWAD TOCK THE THMUI TIC TIGER THH OPP TPLAS TOM TITL TYCH UTP VCOM VIBHA VPO ININ WORK WP WPH ZIGA SCORE SOO SESSO STI SUPER SWAD TCCC THE THMUI TIC TIGER THH OPP TPLAS TOM TITL TYCH UTP VCOM VIBHA VPO ININ WORK WP WPH ZIGA SCORE RANGE NUMBER OF LOGO DESCRIPTION SCORE RANGE SASISTACTORY SAS	PB	PDG		PL		PM			PRIN	PRINC	PSTC
SKY	PT		RCL					SAAM	SALEE	SAMCO	SANKO
PVI	SAPPE	SAWAD	SCG	SCI	SCP	SE	SFP	SIAM	SINGER	SIRI	SKE
UTHA	SKR	SKY	SMIT	SMK	SMPC	SMT	SNP	SONIC	SPA	SPC	SPCG
EAM TEAMG TF6 TFMAMA THG THRE TIPCO TITLE TIW TKN TKS M TMC TMD TMI TMT TNTT TNITY TNL TNP TNR TOG TPA PAC TPBI TPCORP TPOLY TRITN TRT TSE TSTE TVI TVT TWP WPC UBIS UEC UMI UOBKH UP UPF UPOIC UT UWC VNT WC	SPVI	SR	SRICHA	SSC	SSF	SST	STANLY	STPI	SUC	SUN	SUSCO
M TMC TMD TMI TMT TMTT TNITY TNL TNP TNR TOG TPA PAC TPBI TPCORP TPOLY TRITN TRIT TSE TSTE TVI TVT TWP WPC UBIS UEC UMI UOBKH UP UPF UPOIC UT UWC VNT //IIK XO YUASA ZEN ZMICO ***********************************	SUTHA	SWC	SYMC	SYNEX	Т	TACC	TAE	TAKUNI	TBSP	TCC	TCMC
PAC	ГЕАМ	TEAMG	TFG	TFMAMA	THG	THRE	TIPCO	TITLE	TIW	TKN	TKS
PAC	TM	TMC	TMD	TMI	TMT	TNITY	TNL	TNP	TNR	TOG	TPA
MIK	TPAC	TPBI	TPCORP	TPOLY	TRITN			TSTE	TVI	TVT	
MIK	TWPC	UBIS	UEC	UMI	UOBKH	UP	UPF	UPOIC	UT	UWC	VNT
ABICO ACAP*** AEC AEONTS AJ ALUCON AMC APURE AS ASEFA BS	NIIK		YUASA								
ABICO ACAP*** AEC AEONTS AJ ALUCON AMC APURE AS ASEFA BEAUTY BGT BH BIG BLAND BM BR BROCK BSM BSM BTNC CCET CCP CGD CHARAN CHAYO CITY CMAN CMC MO CMR CPL CPT CSR CTW CWT D DIMET EKH EMC PCO ESSO FE FIE GIFT GLAND GLOCON GPI GREEN GTB GYT TECH HUMAN IHL INGRS INOX JTS JUBILE KASET KCM KKC KWG YE LEE LPH MATCH MATI M-CHAI MCS MDX META MGT MJD MNVP NC NDR NER NNCL NPK NUSA OCEAN PAF PF ICO PIMO PK PLE PMTA POST PPM PROUD PTL RCI RJH OJNA RPC RPH SF SGF SGP SKN SLP SMART SOLAR SPG OOD TPCH TPIPP TPLAS TQM TTI TYCN UTP VCOM VIBHA VPO NG NOR NOR NTI TYCN UTP VCOM VIBHA VPO DESCRIPTION OF SATISFACTORY S	GOOD LE	VEL									
SBM	١		ACAP***	AEC	AEONTS	AJ	ALUCON	AMC	APURE	AS	ASEFA
MO	ΑU	B52	BCH	BEAUTY	BGT	BH	BIG	BLAND	BM	BR	BROCK
MO	BSBM			CCET	CCP	CGD	CHARAN	CHAYO	CITY	CMAN	CMC
PCO	СМО		CPL			CTW	CWT		DIMET	EKH	EMC
TECH	PCO							GPI			
YE	ITECH										
MM MVP NC NDR NER NNCL NPK NUSA OCEAN PAF PF ICO PIMO PK PLE PMTA POST PPM PROUD PTL RCI RJH OJNA RPC RPH SF SGF SGP SKN SLP SMART SOLAR SPG Q SSP STI SUPER SVOA TCCC THE THMUI TIC TIGER TNH OPP TPCH TPIPP TPLAS TQM TTI TYCN UTP VCOM VIBHA VPO VIBHA VI	YE										
ICO PIMO PK PLE PMTA POST PPM PROUD PTL RCI RJH OJNA RPC RPH SF SGF SGP SKN SLP SMART SOLAR SPG SSP STI SUPER SVOA TCCC THE THMUI TIC TIGER TNH OPP TPCH TPIPP TPLAS TQM TTI TYCN UTP VCOM VIBHA VPO VIBHA VPO VINN WORK WP WPH ZIGA Score Range Number of Logo Description 90-100	иM										
OUNA RPC RPH SF SGF SGP SKN SLP SMART SOLAR SPG SSP STI SUPER SVOA TCCC THE THMUI TIC TIGER TNH OPP TPCH TPIPP TPLAS TQM TTI TYCN UTP VCOM VIBHA VPO SCORE Range Number of Logo Description 90-100	PICO										
Q SSP STI SUPER SVOA TCCC THE THMUI TIC TIGER TNH VPO TPCH TPIPP TPLAS TQM TTI TYCN UTP VCOM VIBHA VPO Score Range Number of Logo Description 90-100 Excellent 80-89 Very Good 70-79 AAA AAA Good 60-69 AAA AAA Pass 50-59 Pass	ROJNA										
OPP /IN TPCH WORK TPIPP WPH TPLAS ZIGA TTI TYCN UTP VCOM VIBHA VPO Score Range Number of Logo Description 90-100 AAAAA Excellent 80-89 AAAAA Very Good 70-79 AAAAA Good 60-69 AAAAA Satisfactory 50-59 Pass	3Q										
	TOPP										
Score Range Number of Logo Description 90-100 ▲▲▲▲ Excellent 80-89 ▲▲▲ Very Good 70-79 ▲▲ Good 60-69 ▲▲ Satisfactory 50-59 ▲ Pass							511	.			•
90-100	VIIN			VVIII		Number of L	000			Description	
80-89							_			•	
70-79		90-1	100							Excellent	
60-69		80-	-89							Very Good	
60-69		70-	79							Good	
		60-	-69								
		50-	-59			A				Pass	
		Less th	nan 50			-	n			-	

Disclaimer:

The disclosure of the survey results 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 results may be changed after that date.

Source: Thai Institute of Directors Association (IOD); FSSIA's compilation

FSS International Investment Advisory Company Limited does not confirm nor certify the accuracy of such survey results.

* CGR scoring should be considered with news regarding wrong doing of the company or director or executive of the company such unfair practice on securities trading, fraud, and corruption SEC imposed a civil sanction against insider trading of director and executive; ** delisted

Anti-corruption Progress Indicator

CERTIFIED										
ADVANC	AIE	AKP	AMANAH	AP	APCS	AQUA	ARROW	ASK	ASP	AYUD
BAFS	BANPU	BAY	BBL	BCH	BCP	BCPG	BGRIM	BJCHI	BKI	BLA
BROOK	BRR	BSBM	BTS	BWG	CEN	CENTEL	CFRESH	CGH	CHEWA	CIG
CIMBT	CM	COM7	CPALL	CPF	CPI	CPN	CSC	DCC	DEMCO	DIMET
DRT	DTAC	DTC	EASTW	ECL	EGCO	FE	FNS	FSS	GBX	GC
GCAP	GEL	GFPT	GGC	GJS	GOLD	GPSC	GSTEEL	GUNKUL	HANA	HARN
HMPRO	HTC	ICC	IFS	INET	INSURE	INTUCH	IRPC	IVL	K	KASET
KBANK	KBS	KCAR	KCE	KGI	KKP	KSL	KTB	KTC	KWC	L&E
LANNA	LHK	LPN	LRH	М	MAKRO	MALEE	MBAX	MBK	MBKET	MC
MCOT	MFC	MINT	MONO	MOONG	MSC	MTI	NBC	NINE	NKI	NMG
NNCL	NSI	OCC	OCEAN	OGC	PAP	PATO	PB	PCSGH	PDG	PDI
PDJ	PE	PG	PHOL	PL	PLANB	PLANET	PLAT	PM	PPP	PPS
PREB	PRG	PRINC	PSH	PSTC	PT	PTG	PTT	PTTEP	PTTGC	PYLON
Q-CON	QH	QLT	QTC	RATCH	RML	S & J	SABINA	SAT	SC	SCB
SCC	SCCC	SCG	SCN	SE-ED	SELIC	SENA	SGP	SIRI	SIS	SITHAI
SMIT	SMK	SMPC	SNC	SNP	SORKON	SPACK	SPC	SPI	SPRC	SRICHA
SSF	SSI	SSSC	SST	STA	SUSCO	SVI	SYNTEC	TASCO	TCAP	TFG
TFI	TFMAMA	THANI	THCOM	THIP	THRE	THREL	TIP	TIPCO	TISCO	TKT
TMB	TMD	TMILL	TMT	TNITY	TNL	TNP	TNR	TOG	TOP	TPA
TPCORP	TRU	TRUE	TSC	TSTH	TTCL	TU	TVD	TVI	TWPC	U
UBIS	UEC	UKEM	UOBKH	VGI	VIH	VNT	WACOAL	WHA	WICE	WIIK
DECLARED										
2S	ABICO	AF	Al	AIRA	ALT	AMA	AMARIN	AMATA	ANAN	В
ВМ	BPP	BUI	CHG	CHO	CHOTI	CHOW	CI	CMC	COL	DDD
DELTA	EFORL	EPCO	ESTAR	ETE	FPI	FTE	ICHI	INOX	IRC	ITEL
JAS	JSP	JTS	KWG	LDC	LIT	META	MFEC	MPG	NEP	NOK
NWR	ORI	PRM	PSL	ROJNA	RWI	SAAM	SAPPE	SCI	SEAOIL	SHANG
SKR	SPALI	STANLY	SYNEX	TAE	TAKUNI	TMC	TOPP	TPP	TRITN	TVO
UV	UWC	WHAUP	XO	YUASA	ZEN					

Level

Certified This level indicates practical participation with thoroughly examination in relation to the recommended procedures from the audit committee or the SEC's certified auditor, being a certified member of Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) or already passed examination to ensure independence from external parties.

Declared This level indicates determination to participate in the Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC)

Disclaimer:

The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by Thaipat Institute, is made in order to comply with the policy and sustainable development plan for the listed companies of the Office of the Securities and Exchange Commission. Thaipat Institute 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 Thaipat Institute that is 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, FSS International Investment Advisory Company Limited does not confirm, verify, or certify the accuracy and completeness of the assessment results.

Note: Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of June 24, 2019) are categorised into: 1) companies that have declared their intention to join CAC, and; 2) companies certified by CAC.

Source: The Securities and Exchange Commission, Thailand; * FSSIA's compilation

GENERAL DISCLAIMER

ANALYST(S) CERTIFICATION

Karun Intrachai 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.

This report has been prepared by FSS International Investment Advisory Company Limited (FSSIA). The information herein has been obtained from sources believed to be reliable and accurate; however FSS makes no representation as to the accuracy and completeness of such information. Information and opinions expressed herein are subject to change without notice. FSS has no intention to solicit investors to buy or sell any security in this report. In addition, FSS does not guarantee returns nor price of the securities described in the report nor accept any liability for any loss or damage of any kind arising out of the use of such information or opinions in this report. Investors should study this report carefully in making investment decisions. All rights are reserved.

This report may not be reproduced, distributed or published by any person in any manner for any purpose without permission of FSSIA. Investment in securities has risks. Investors are advised to consider carefully before making investment decisions.

History of change in investment rating and/or target price



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
16-Jan-2019 12-Mar-2019	BUY BUY	90.00 98.00	02-Apr-2020 24-Jul-2020	BUY BUY	98.00 85.00	-	-	-

Karun Intrachai started covering this stock from 24-Jul-2020

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
CP All	CPALL TB	THB 59.25	BUY	The key downside risks to our DCF-derived TP are: 1) the higher-than-expected impact from a loss of service income from the convenience store business; 2) the worse-than-expected overseas performance of Makro; and 3) a slow recovery in tourist numbers.

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

FSSIA may incorporate the recommendations and target prices of companies currently covered by FSS Research into equity research reports, denoted by an 'FSS' before the recommendation. FSS Research is part of Finansia Syrus Securities Public Company Limited, which is the parent company of FSSIA.

All share prices are as at market close on 06-Nov-2020 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.