# 30 DECEMBER 2021 THAILAND / CONSUMER DISCRETIONARY

## HOME PRODUCT CENTER HMPRO TB





UNCHANGED

THB18.30

## **Tables turning for home improvement**

- Solid 4Q21E SSSG at 10%; expect highest net profit at THB1.6b in 4Q21.
- Expect SSSG to continue to be positive in 1Q22, driven by the shopping tax scheme. The key downside risk is the surging Covid cases due to the Omicron variant which could prompt the government to implement lockdown measures.
- BUY maintained with DCF-based TP of THB18.30.

### Time for an urban home improvement player

2020-21 were hiccup years for HMPRO due to the first and third waves of Covid which prompted the government to implement lockdown restrictions. We expect HMPRO to post solid growth in 2022, driven by a recovery from the low base and its aggressive expansion plan. Overall, we expect HMPRO's earnings to grow by 22%/15% in 2022/23.

### Strong recovery evident in 4Q21

SSSG has remained solid in 4Q21 QTD. It was positive at 12% in Oct-21, supported by pent-up demand following the lockdown easing since 1 Sep and the 5-day Super Expo event. SSSG was at 6-7% in Nov-21 and c15% for the first two weeks in Dec-21, driven by another 5-day Super Expo event. Overall, we expect SSSG in 4Q21 to be at 10%. HMPRO's 4Q21 GPM should slightly improve q-q, driven by higher sales and higher contributions from high-margin products such as soft-line products. Hence, we expect 4Q21 earnings to grow q-q and y-y to THB1.6b.

#### Positive momentum to continue in 1Q22

We expect SSSG to continue to be positive in 1Q22 amid the concern over the Omicron variant. On 21 Dec-21, the government approved the "Shop Dee Mee Kuen" scheme, which is deductions for individuals – amounting to no more than THB30,000 per person – on the purchase of goods and services subject to the national 7% value-added tax (VAT). This program will be effective from 1 Jan to 15 Feb-22. Assuming that an estimated 3.7m taxable individuals spend the maximum deductible amount of THB30,000, a potential THB110b would be injected into the economy, which could boost GDP by 0.3%. We believe this program would benefit HMPRO and could boost its SSSG by 2-3% in 1Q22.

#### Maintain BUY with DCF-based TP of THB18.30

Near-term catalysts would be HMPRO's solid 4Q21E earnings outlook and the government's shopping scheme to boost SSSG in 1Q22. Even though Covid case are expected to surge in 1Q22 from the Omicron variant, we expect to see fewer restrictions compared to 2020-21, suggesting that the downside risk could be limited to THB13.5. HMPRO is trading at 30x 2022E P/E, or close to -1.0SD of its 5-year avg of 33x.

CLUSE	111014.00
UP/DOWNSIDE	+25.3%
PRIOR TP	THB18.30
CHANGE IN TP	UNCHANGED
TP vs CONSENSUS	+12.6%

**TARGET PRICE** 

### **KEY STOCK DATA**

2020	2021E	2022E	2023E
61,749	64,537	69,714	76,320
5,155	5,255	6,402	7,353
0.39	0.40	0.49	0.56
-	(2.0)	1.9	2.8
9,822	9,807	11,379	12,648
5,155	5,255	6,402	7,353
0.39	0.40	0.49	0.56
-	-	-	-
(16.5)	1.9	21.8	14.9
37.2	36.5	30.0	26.1
2.1	2.1	2.6	2.9
20.6	20.5	17.5	15.7
8.9	8.4	7.9	7.4
46.8	39.0	30.9	24.3
24.1	23.7	27.2	29.2
	61,749 5,155 0.39 - 9,822 5,155 0.39 - (16.5) 37.2 2.1 20.6 8.9 46.8	61,749 64,537 5,155 5,255 0.39 0.40 - (2.0) 9,822 9,807 5,155 5,255 0.39 0.40 (16.5) 1.9 37.2 36.5 2.1 2.1 20.6 20.5 8.9 8.4 46.8 39.0	61,749         64,537         69,714           5,155         5,255         6,402           0.39         0.40         0.49           -         (2.0)         1.9           9,822         9,807         11,379           5,155         5,255         6,402           0.39         0.40         0.49           -         -         -           (16.5)         1.9         21.8           37.2         36.5         30.0           2.1         2.1         2.6           20.6         20.5         17.5           8.9         8.4         7.9           46.8         39.0         30.9



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	5.0	7.4	5.8
Relative to country (%)	(0.3)	4.3	(7.3)
Mkt cap (USD m)			5,727
3m avg. daily turnover (USD m)			12.4
Free float (%)			42
Major shareholder		Land & Hou	uses (30%)
12m high/low (THB)		1	5.40/12.40
Issued shares (m)			13,151.12

Sources: Bloomberg consensus; FSSIA estimates



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#### Investment thesis

HMPRO is the leading player in the home improvement sector, with a c22% market share based on revenue of THB62b in 2020. Despite the slowdown in the property sector in 2018-20, HMPRO has continued to deliver double-digit earnings growth, even though new-home customers have declined from 50% of total customers to about 20% (2015-20). Sales to renovation customers have grown to c50% currently, which are more sustainable, in our view. Moreover, about 30% of total customers are contractors, which should benefit from government spending.

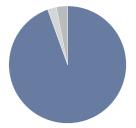
### Company profile

HMPRO is a home-improvement product seller that targets the mid- to high-end segment. From 2013, it started to expand aggressively, both with its HomePro stores and in the budget segment with its Mega Home stores. It also expanded to Malaysia by setting up a store around the end of 2014.

www.homepro.co.th

### Principal activities (revenue, 2020)

- Sales 94.5 %
- Rental and service 2.5 %
- Others 3.0 %



Source: Home Product Center

### **Major shareholders**

■ Land & Houses - 30.2 %

■ Others - 69.8 %

Source: Home Product Center

### **Catalysts**

Potential catalysts include the faster-than-expected turnaround of overseas operations, a better-than-expected macro outlook in Thailand, and a higher proportion of house brands to drive its gross profit margin (GPM).

#### Risks to our call

The key downside risks to our DCF-based TP include: 1) lower-than-expected SSSG; 2) the slow recovery of tourist numbers; and 3) operating losses from its overseas business.

#### **Event calendar**

Date	Event
January 2022	4Q21 results announcement

### **Key assumptions**

	2021E	2022E	2023E
	(%)	(%)	(%)
SSSG	3.0	4.0	5.0
New store growth	2.7	5.2	6.2
GPM	25.3	25.9	26.2
SG&A to sales	18.0	17.6	17.5

Source: FSSIA estimates

#### Earnings sensitivity

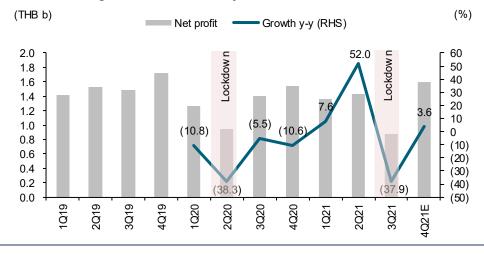
- For every 1% increase in SSSG we estimate 2021 EPS would rise 1%, and vice versa, all else being equal.
- For every 0.1% increase in GPM we estimate 2021 EPS would rise 1.1%, and vice versa, all else being equal.
- For every 0.1% increase in SG&A to sales we estimate 2021 EPS would fall 1.1%, and vice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

Source: FSSIA estimates

## Solid recovery evident in 4Q21

SSSG has remained solid in 4Q21 QTD. It was positive at 12% in Oct-21, supported by pent-up demand following the lockdown easing since 1 Sep and the 5-day Super Expo event. SSSG was at 6-7% in Nov-21 and c15% for the first two weeks in Dec-21, driven by another 5-day Super Expo event. Overall, we expect SSSG in 4Q21 to be at 10%. HMPRO's 4Q21 GPM should slightly improve q-q, driven by higher sales and higher contributions from high-margin products such as soft-line products. Hence, we expect 4Q21 earnings to grow q-q and y-y to THB1.6b.

Exhibit 1: Earnings have been hit hard by lockdown measures



Sources: HMPRO; FSSIA estimates

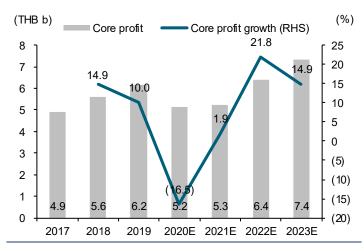
Exhibit 2: Sensitivity analysis of lockdown impact on earnings

Period	Period	Lockdown	No. of store closures	Sales impact
		(days)	(no.)	(y-y%)
2Q20	3 Apr - 17 May	44	83	(16)
3Q21	20 Jul - 31 Aug	41	39	(13)

No. of store closure days	30 days	40 days	50 days	60 days
	(%)	(%)	(%)	(%)
Impact to sales	(9)	(12)	(15)	(18)
Impact to earnings	(26)	(35)	(42)	(48)

Sources: HMPRO; FSSIA estimates

Exhibit 3: Earnings could exceed pre-Covid level in 2022

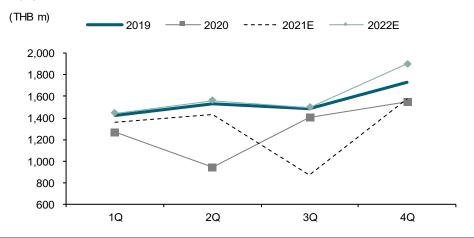


Sources: HMPRO; FSSIA estimates

### Positive momentum to continue in 1Q22

We expect SSSG to continue to be positive in 1Q22 amid the concern over the Omicron variant. On 21 Dec-21, the government approved the "Shop Dee Mee Kuen" scheme, which is deductions for individuals – amounting to no more than THB30,000 per person – on the purchase of goods and services subject to the national 7% VAT. This program will be effective from 1 Jan to 15 Feb-22. Assuming that an estimated 3.7m taxable individuals spend the maximum deductible amount of THB30,000, a potential THB110b would be injected into the economy, which could boost GDP by 0.3%. We believe this program would benefit HMPRO and could boost its SSSG by 2-3% in 1Q22.

Exhibit 4: Expect quarterly earnings to grow y-y in 2022 and exceed pre-Covid level in 2019

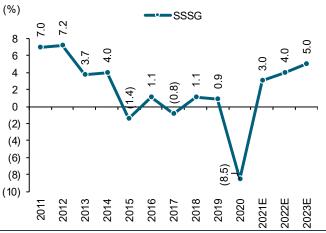


Sources: HMPRO; FSSIA estimates

**Exhibit 5: Quarterly SSSG** 



Exhibit 6: Yearly SSSG



Sources: HMPRO; FSSIA estimates

Sources: HMPRO; FSSIA estimates

Exhibit 7: Shopping tax deduction schemes

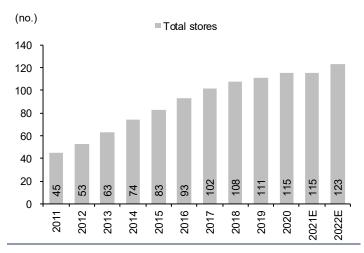
Shopping tax scheme	Tax deduction amount (THB)	Period	Details
1st Shop Chua Chart	15,000	25 Dec-15 – 31 Dec-15	Except for alcoholic beverages, tobacco products, cars, motorcycles, and fuel
2nd Shop Chua Chart	15,000	14 Dec-16 – 31 Dec-16	Except for alcoholic beverages, tobacco products, gold, insurance, gift vouchers, medical fees, utilities fees, fuel, and accommodation services
3rd Shop Chua Chart	15,000	11 Nov-17 – 3 Dec-17	Except for alcoholic beverages, tobacco products, cars, motorcycles, fuel, and accommodation services
4th Shop Chua Chart	15,000	15 Dec-18 – 16 Dec-19	Tyres, books (both hard copies and e-books), and One Tambon One Product (OTOP) item
1st Shop dee mee kuen	30,000	23 Oct-20 – 31 Dec-20	All types of products and services subject to VAT, except for alcoholic beverages, tobacco products, government lotteries, fuel, accommodation services and air tickets
2nd Shop dee mee kuen	30,000	1 Jan-22 – 15 Feb-22	All types of products and services subject to VAT, except for alcoholic beverages, tobacco products, government lotteries, fuel, accommodation services and air tickets

Sources: Cabinet resolutions; FSSIA's compilation

### **Expect more store openings in 2022**

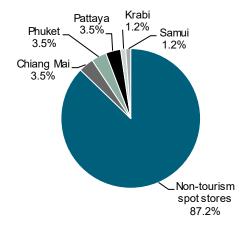
HMPRO opened only two stores under the HomePro format in 2020 and two stores under the format in 2021 (one store in Thailand in 4Q21 and one store in Malaysia in 2Q21). However, HMPRO closed two HomePro S format stores in 2021. Hence, the company's total store count remains at 115. We expect to see a more aggressive expansion plan in 2022, particularly three to four new stores in the Mega Home format.

Exhibit 8: New store opening plan



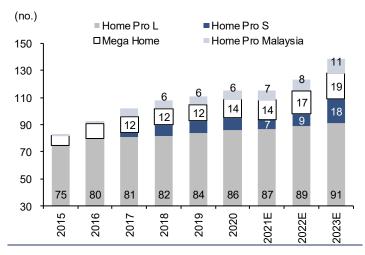
Sources: HMPRO; FSSIA estimates

Exhibit 10: c13% of total HomePro stores are located in tourism spots as of 3Q21



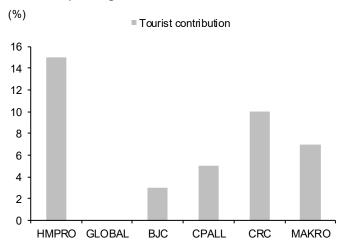
Sources: HMPRO; FSSIA estimates

Exhibit 9: Store breakdown by format



Sources: HMPRO: FSSIA estimates

Exhibit 11: c10-15% of total sales are derived from indirect and direct spending from tourists



Remarks: HMPRO's number represents the direct and indirect demand from the tourism sector while BJC, CPALL, and CRC represent sales contributions from international tourists and MAKRO's number represents stores located in tourist spots.

Source: FSSIA estimates

Exhibit 12: 35% of total stores are located in the Bangkok area, but contributed 44% of total sales as of 3Q21

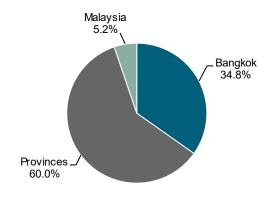
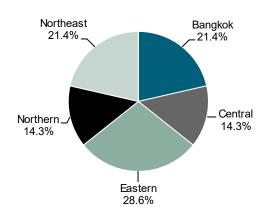


Exhibit 13: Mega Home store breakdown by location as of 3Q21



Sources: HMPRO; FSSIA estimates

Sources: HMPRO; FSSIA estimates

Exhibit 14: 2020 share price performance

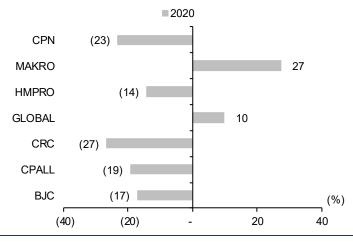
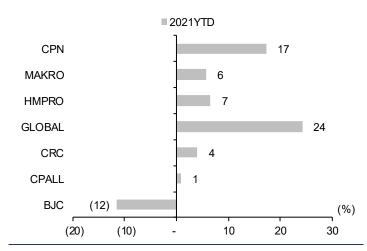


Exhibit 15: 2021 YTD share price performance



Source: Bloomberg

Source: Bloomberg

Exhibit 16: Peers valuation as of 29 Dec 2021

Company	BBG	Share	orice	Up	Market	3Y EPS	PE		RC	)E	PB	V	EVEB	TDA
		Current	Target	side	Сар	CAGR	21E	22E	21E	22E	21E	22E	21E	22E
		(LCY)	(LCY)	(%)	(USD m)	(%)	(x)	(x)	(%)	(%)	(x)	(x)	(x)	(x)
Berli Jucker	BJC TB	30.75	38.00	23.6	3,676	16.8	35.9	24.1	3.0	4.5	1.1	1.1	14.9	13.5
Siam Global House	GLOBAL TB	20.20	27.50	36.1	2,773	22.6	29.3	27.3	17.6	17.0	4.9	4.4	20.6	19.2
Home Product Center	HMPRO TB	14.60	18.30	25.3	5,727	12.6	36.5	30.0	23.7	27.2	8.4	7.9	20.5	17.5
Central Retail Corp	CRC TB	32.00	40.00	25.0	5,757	417.4	(326.8)	51.3	(1.1)	7.0	3.7	3.5	21.0	14.5
Srinanaporn Marketing	SNNP TB	12.10	15.00	24.0	346	67.9	39.7	23.1	20.7	18.6	4.5	4.1	16.6	13.7
Coverage					18,279	33.2	(37.1)	31.1	12.8	14.9	4.5	4.2	18.7	15.7
Dohome	DOHOME TB	23.20	n/a	n/a	1,678	48.9	28.2	24.3	21.7	19.7	5.5	4.6	21.1	18.7
Lawson	2651 JP	5,530.00	n/a	n/a	4,826	(17.1)	61.7	29.5	3.4	7.0	2.1	2.0	5.1	4.4
Dairy Farm Intl Holding	DFI SP	2.85	n/a	n/a	3,856	47.3	29.4	14.8	10.1	18.3	3.1	2.9	11.7	10.6
Better Life Commercial	002251 CH	6.78	n/a	n/a	920	22.0	35.1	32.3	2.3	2.7	1.0	1.0	25.5	20.6
Regional					11,279	(13.9)	38.6	25.2	9.4	11.9	2.9	2.6	15.8	13.6
Average					29,558	7.2	(3.4)	28.5	11.3	13.5	3.8	3.5	17.4	14.7

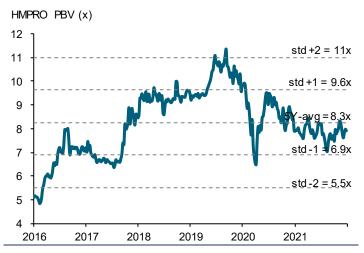
Sources: Bloomberg; FSSIA estimates

### Exhibit 17: Rolling one-year forward P/E band



Sources: Bloomberg; FSSIA estimates

Exhibit 18: Rolling one-year forward P/BV band



Sources: Bloomberg; FSSIA estimates

### **Financial Statements**

Home Product Center

Profit and Loss (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Revenue	67,374	61,749	64,537	69,714	76,320
Cost of goods sold	(44,528)	(40,970)	(43,113)	(46,065)	(50,316)
Gross profit	22,846	20,779	21,424	23,648	26,004
Other operating income	-	-	-	-	-
Operating costs	(11,927)	(10,957)	(11,617)	(12,270)	(13,356)
Operating EBITDA	10,919	9,822	9,807	11,379	12,648
Depreciation	(2,942)	(3,182)	(3,041)	(3,202)	(3,378)
Goodwill amortisation	0	0	0	0	0
Operating EBIT	7,977	6,641	6,766	8,177	9,270
Net financing costs	(355)	(442)	(448)	(481)	(432)
Associates	0	0	0	0	0
Recurring non-operating income	(18)	(8)	(8)	(8)	(8)
Non-recurring items	0	0	0	0	0
Profit before tax	7,604	6,190	6,310	7,688	8,830
Tax	(1,427)	(1,035)	(1,055)	(1,286)	(1,477)
Profit after tax	6,177	5,155	5,255	6,402	7,353
Minority interests	0	0	0	0	0
Preferred dividends	0	0	0	0	0
Other items	0	0	0	0	0
Reported net profit	6,177	5,155	5,255	6,402	7,353
Non-recurring items & goodwill (net)	0	0	0	0	0
Recurring net profit	6,177	5,155	5,255	6,402	7,353
Per share (THB)					
Recurring EPS *	0.47	0.39	0.40	0.49	0.56
Reported EPS	0.47	0.39	0.40	0.49	0.56
DPS	0.38	0.30	0.31	0.37	0.43
Diluted shares (used to calculate per share data)	13,151	13,151	13,151	13,151	13,151
Growth	2.2	(0.0)			0.5
Revenue (%)	2.0	(8.3)	4.5	8.0	9.5
Operating EBITDA (%)	4.7	(10.0)	(0.2)	16.0	11.2
Operating EBIT (%)	8.3	(16.7)	1.9	20.8	13.4
Recurring EPS (%)	10.0	(16.5)	1.9	21.8	14.9
Reported EPS (%)	10.0	(16.5)	1.9	21.8	14.9
Operating performance	20.5	00.5	00.5	20.0	20.0
Gross margin inc. depreciation (%)	29.5	28.5	28.5	29.3	29.6
Gross margin of key business (%)	25.9	25.3	25.3	25.9	26.2
Operating EBITDA margin (%)	16.2	15.9	15.2	16.3	16.6
Operating EBIT margin (%)	11.8	10.8	10.5	11.7	12.1
Net margin (%)	9.2	8.3	8.1	9.2	9.6
Effective tax rate (%)	18.8	16.7	16.7	16.7	16.7
Dividend payout on recurring profit (%)	80.9	76.5	76.5	76.5	76.5
Interest cover (X)	22.4	15.0	15.1	17.0	21.4
Inventory days	84.7	92.5	89.8	90.1	91.1
Debtor days	10.6	10.9	10.2	10.1	10.0
Creditor days	116.6	120.8	113.0	111.9	110.6
Operating ROIC (%)	24.8	21.1	21.8	26.6	30.4
ROIC (%) ROE (%)	19.8 30.1	15.6 24.1	14.9 23.7	17.8 27.2	19.8 29.2
* *	30. i 12.1	10.2	10.0	11.9	13.0
ROA (%) * Pre-exceptional, pre-goodwill and fully diluted	12.1	10.2	10.0	11.9	13.0
	- 0040	2000	22245	2222	20005
Revenue by Division (THB m)	2019	2020	2021E	2022E	2023E
Sales	63,046	58,347	60,884	65,459	71,662
Rental and service	2,207	1,527	1,644	1,898	2,078
Others	2,120	1,875	2,009	2,357	2,580

Sources: Home Product Center; FSSIA estimates

### **Financial Statements**

Home Product Center

Cash Flow (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023
Recurring net profit	6,177	5,155	5,255	6,402	7,35
Depreciation	2,942	3,182	3,041	3,202	3,37
Associates & minorities	0	0	0	0	
Other non-cash items	-	-	-	-	
Change in working capital	(391)	(799)	(6)	(217)	(22
Cash flow from operations	8,728	7,537	8,290	9,386	10,50
Capex - maintenance	(2.252)	0	(2,027)	(2.004)	(2.40
Capex - new investment	(3,252)	(2,286)	(2,637)	(2,901)	(3,19
Net acquisitions & disposals	(85)	381	(168)	266	10
Other investments (net)	104	(1,271)	(256)	(475)	(60)
Cash flow from investing Dividends paid	(3,233)	(3,176)	(3,060)	(3,109)	(3,69
	(4,997)	(3,945) 0	(4,022) 0	(4,900)	(5,62
Equity finance Debt finance	0 (3,875)	7	(1,865)	0 (1,640)	(95
Other financing cash flows	(3,673)	0	(1,863)	(1,040)	(90
Cash flow from financing	(8,873)	(3,938)	(5,887)	(6,540)	(6,58
Non-recurring cash flows	(0,070)	(0,550)	0,007)	0,540)	(0,50
Other adjustments	0	0	0	0	
Net other adjustments	Ŏ	ŏ	Ŏ	0	
Movement in cash	(3,378)	423	(657)	(263)	2:
Free cash flow to firm (FCFF)	5,900.36	4,819.99	5,678.09	6,758.16	7,248.4
Free cash flow to equity (FCFE)	1,619.68	4,368.07	3,365.38	4,637.26	5,863.9
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Per share (THB)	0.45	0.37	0.43	0.51	0.9
FCFF per share FCFE per share	0.45	0.37	0.43	0.51	0.4
Recurring cash flow per share	0.69	0.63	0.63	0.73	0.5
Balance Sheet (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023
Tangible fixed assets (gross)	49,560	51,115	53,751	56,652	59,8
Less: Accumulated depreciation	(19,923)	(22,373)	(25,415)	(28,616)	(31,99
Tangible fixed assets (net)	29,637	28,741	28,337	28,036	27,8
ntangible fixed assets (net)	0	0	0	0	
ong-term financial assets	0	0	0	0	
nvest. in associates & subsidiaries	0	0	0	0	
Cash & equivalents	2,860	3,283	2,626	2,364	2,6
VC receivable	1,912	1,769	1,849	1,998	2,1
nventories	10,421	10,345	10,875	11,878	13,2
Other current assets	496	432	451	487	5
Current assets	15,690	15,828	15,801	16,727	18,5
Other assets	6,722	11,521	12,042	13,007	14,2
Total assets	52,049	56,091	56,180	57,770	60,6
Common equity	21,138	21,565	22,798	24,300	26,0
Minorities etc.	0	0	0	0	26.0
Fotal shareholders' equity	21,138	<b>21,565</b>	<b>22,798</b>	24,300	<b>26,0</b>
Long term debt	7,072 1,550	8,056 5,860	6,425 6,125	5,333 6,616	4,8 7,2
Other long-term liabilities	8,622				12,0
Long-term liabilities	14,069	13,916	12,550	<b>11,948</b> 14,589	15,9
A/C payable Short term debt	6,301	13,050 5,324	13,655 5,090	4,543	4,10
Other current liabilities	1,919	2,235	2,087		2,5
Ourrent liabilities	22,289	2,235 <b>20,610</b>	2,067 <b>20,831</b>	2,389 <b>21,521</b>	2,5 <b>22,5</b>
Fotal liabilities and shareholders' equity	52,048	56,090	56,179	57,769	60,6
Net working capital	(3,158)	(2,740)	(2,567)	(2,615)	(2,49
nvested capital	33,201	37,522	37,812	38,428	39,5
Includes convertibles and preferred stock which is be		31,322	37,012	30,420	39,3
<u> </u>	g				
Per share (THB)		4	. ==		
Book value per share	1.61	1.64	1.73	1.85	1.
Fangible book value per share	1.61	1.64	1.73	1.85	1.
Financial strength	40.7	40.0	22.2	22.2	
Net debt/equity (%)	49.7	46.8	39.0	30.9	24
Net debt/total assets (%)	20.2	18.0	15.8	13.0	10
Current ratio (x)	0.7	0.8	0.8	0.8 16.7	(
CF interest cover (x)	14.7	16.0	14.4	16.7	21
/aluation	2019	2020	2021E	2022E	202
Recurring P/E (x) *	31.1	37.2	36.5	30.0	26
Recurring P/E @ target price (x) *	39.0	46.7	45.8	37.6	32
Reported P/E (x)	31.1	37.2	36.5	30.0	26
Dividend yield (%)	2.6	2.1	2.1	2.6	2
Price/book (x)	9.1	8.9	8.4	7.9	7
Price/tangible book (x)	9.1	8.9	8.4	7.9	7
EV/EBITDA (x) **	18.5	20.6	20.5	17.5	15
EV/EBITDA @ target price (x) **	23.0	25.5	25.4	21.8	19
EV/invested capital (x)	6.1	5.4	5.3	5.2	Ę

Sources: Home Product Center; FSSIA estimates

### Corporate Governance report of Thai listed companies 2020

P	ARIP BGRIM CHEWA CPF EASTW GC ICC KBANK MAKRO MSC ORI PPS PYLON SAMTEL SE-ED SPALI SYNTEC THREL TOP TU WACOAL  ACE AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	AIRA ARROW BIZ CHO CPI ECF GCAP ICHI KCE MALEE MTC OTO PR9 Q-CON SAT SELIC SPI TACC TIP TYD WAVE  ACG APCO ATP30 BJCHI CI DCC FN GPI IRC KBS	AKP ASP BKI CIMBT CPN ECL GEL III KKP MBK NCH PAP PREB QH SC SENA SPRC TASCO TIPCO TQM TVI WHA  ADB APCS AUCT BROOK CIG DCON FORTH GULF IKCP KCAR	AKR BAFS BLA CK CSS EGCO GFPT ILINK KSL MBKET NCL PCSGH PRG QTC SCB SIRI SPVI TCAP TISCO TRC TVO WHAUP  AEC APURE AWC BTW CMC DDD FSS GYT IT	ALT BANPU BOL CKP DELTA EPG GGC INTUCH KTB MC NEP PDJ PRM RATCH SCC SIS SSSC TFMAMA TK TSC TWPC WICE  AEONTS AQUA AYUD CBG COLOR DOD FTE HPT ITD	AMA BAY BPP CM DEMCO ETE GPSC IRPC KTC MCOT NKI PG PSH RS SCCC SITHAI SST THANA TKT TSR U WINNER  AGE ASAP B CEN COM7 DOHOME FVC HTC	AMATA BCP BRR CNT DRT FNS GRAMMY IVL LANNA METCO NOBLE PHOL PSL S SCG SMK STA THANI TTB TSTE UAC TRUE  AH ASEFA BA CGH CPL EASON GENCO ICN	AMATAV BCPG BTS COL DTAC FPI GUNKUL JKN LH MFEC NSI PLANB PTG S & J SCN SMPC SUSCO THCOM TMILL TSTH UBIS	ANAN BDMS BWG COMAN DTC FPT HANA JSP LHFG MINT NVD PLANET PTT SAAM SDC SNC SUTHA THG TNDT TTA UV  AIT ASIAN BBL CHAYO CRD ERW GL ILM
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TTGC   FAMART   STEADIL	PYLON SAMTEL SE-ED SPALI SYNTEC THREL TOP TU WACOAL  ACE AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	Q-CON SAT SELIC SPI TACC TIP TPBI TVD WAVE  ACG APCO ATP30 BJCHI CI DCC FN GPI IRC	QH SC SENA SPRC TASCO TIPCO TQM TVI WHA  ADB APCS AUCT BROOK CIG DCON FORTH GULF IRCP	QTC SCB SIRI SPVI TCAP TISCO TRC TVO WHAUP AEC APURE AWC BTW CMC DDD FSS GYT IT	RATCH SCC SIS SSSC TFMAMA TK TSC TWPC WICE  AEONTS AQUA AYUD CBG COLOR DOD FTE HPT	RS SCCC SITHAI SST THANA TKT TSR U WINNER  AGE ASAP B CEN COM7 DOHOME FVC HTC	S SCG SMK STA THANI TTB TSTE UAC TRUE  AH ASEFA BA CGH CPL EASON GENCO	S & J SCN SMPC SUSCO THCOM TMILL TSTH UBIS	SAAM SDC SNC SUTHA THG TNDT TTA UV
AMART S EAOIL S ORKON S YMC S HRE OOA T IH S EVEL  BM MANAH M SK M GC II HOTI S SP S E II LOBAL S HART S	SAMTEL SE-ED SPALI SYNTEC THREL TOP TU WACOAL  ACE AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	SAT SELIC SPI TACC TIP TPBI TVD WAVE  ACG APCO ATP30 BJCHI CI DCC FN GPI IRC	SC SENA SPRC TASCO TIPCO TQM TVI WHA  ADB APCS AUCT BROOK CIG DCON FORTH GULF IRCP	SCB SIRI SPVI TCAP TISCO TRC TVO WHAUP  AEC APURE AWC BTW CMC DDD FSS GYT IT	SCC SIS SSSC TFMAMA TK TSC TWPC WICE  AEONTS AQUA AYUD CBG COLOR DOD FTE HPT	SCCC SITHAI SST THANA TKT TSR U WINNER  AGE ASAP B CEN COM7 DOHOME FVC HTC	SCG SMK STA THANI TTB TSTE UAC TRUE  AH ASEFA BA CGH CPL EASON GENCO	SCN SMPC SUSCO THCOM TMILL TSTH UBIS AHC ASIA BAM CHARAN CRC EE GJS	SDC SNC SUTHA THG TNDT TTA UV  AIT ASIAN BBL CHAYO CRD ERW GL
EAOIL SORKON SON SON SON SON SON SON SON SON SON S	SE-ED SPALI SYNTEC THREL TOP TU WACOAL  ACE AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	SELIC SPI TACC TIP TPBI TVD WAVE  ACG APCO ATP30 BJCHI CI DCC FN GPI IRC	SENA SPRC TASCO TIPCO TQM TVI WHA  ADB APCS AUCT BROOK CIG DCON FORTH GULF IRCP	SIRI SPVI TCAP TISCO TRC TVO WHAUP  AEC APURE AWC BTW CMC DDD FSS GYT IT	SIS SSSC TFMAMA TK TSC TWPC WICE  AEONTS AQUA AYUD CBG COLOR DOD FTE HPT	SITHAI SST THANA TKT TSR U WINNER  AGE ASAP B CEN COM7 DOHOME FVC HTC	SMK STA THANI TTB TSTE UAC TRUE  AH ASEFA BA CGH CPL EASON GENCO	SMPC SUSCO THCOM TMILL TSTH UBIS  AHC ASIA BAM CHARAN CRC EE GJS	SNC SUTHA THG TNDT TTA UV AIT ASIAN BBL CHAYO CRD ERW GL
ORKON S YMC S HRE S OA S TW S IIH S  LEVEL  BM MANAH M	SPALI SYNTEC THREL TOP TU WACOAL  ACE AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	SPI TACC TIP TPBI TVD WAVE  ACG APCO ATP30 BJCHI CI DCC FN GPI IRC	SPRC TASCO TIPCO TQM TVI WHA  ADB APCS AUCT BROOK CIG DCON FORTH GULF IRCP	SPVI TCAP TISCO TRC TVO WHAUP  AEC APURE AWC BTW CMC DDD FSS GYT IT	SSSC TFMAMA TK TSC TWPC WICE  AEONTS AQUA AYUD CBG COLOR DOD FTE HPT	SST THANA TKT TSR U WINNER  AGE ASAP B CEN COM7 DOHOME FVC HTC	STA THANI TTB TSTE UAC TRUE  AH ASEFA BA CGH CPL EASON GENCO	SUSCO THCOM TMILL TSTH UBIS  AHC ASIA BAM CHARAN CRC EE GJS	SUTHA THG TNDT TTA UV  AIT ASIAN BBL CHAYO CRD ERW GL
YMC SHRE OA CAN CAN CAN CAN CAN CAN CAN CAN CAN CA	SYNTEC THREL TOP TU WACOAL  ACE AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	TACC TIP TPBI TVD WAVE  ACG APCO ATP30 BJCHI CI DCC FN GPI IRC	TASCO TIPCO TQM TVI WHA  ADB APCS AUCT BROOK CIG DCON FORTH GULF IRCP	TCAP TISCO TRC TVO WHAUP  AEC APURE AWC BTW CMC DDD FSS GYT IT	TFMAMA TK TSC TWPC WICE  AEONTS AQUA AYUD CBG COLOR DOD FTE HPT	THANA TKT TSR U WINNER  AGE ASAP B CEN COM7 DOHOME FVC HTC	THANI TTB TSTE UAC TRUE  AH ASEFA BA CGH CPL EASON GENCO	THCOM TMILL TSTH UBIS  AHC ASIA BAM CHARAN CRC EE GJS	THG TNDT TTA UV  AIT ASIAN BBL CHAYO CRD ERW GL
YMC SHRE OA CAN CAN CAN CAN CAN CAN CAN CAN CAN CA	SYNTEC THREL TOP TU WACOAL  ACE AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	TACC TIP TPBI TVD WAVE  ACG APCO ATP30 BJCHI CI DCC FN GPI IRC	TASCO TIPCO TQM TVI WHA  ADB APCS AUCT BROOK CIG DCON FORTH GULF IRCP	TCAP TISCO TRC TVO WHAUP  AEC APURE AWC BTW CMC DDD FSS GYT IT	TFMAMA TK TSC TWPC WICE  AEONTS AQUA AYUD CBG COLOR DOD FTE HPT	THANA TKT TSR U WINNER  AGE ASAP B CEN COM7 DOHOME FVC HTC	THANI TTB TSTE UAC TRUE  AH ASEFA BA CGH CPL EASON GENCO	THCOM TMILL TSTH UBIS  AHC ASIA BAM CHARAN CRC EE GJS	THG TNDT TTA UV  AIT ASIAN BBL CHAYO CRD ERW GL
HRE OA TW TW TH IH N  LEVEL  BM MANAH SK GC HOTI SP E LOBAL  JET MART  JET JET JET JET JET JET JET JET JET J	THREL TOP TU WACOAL  ACE AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	TIP TPBI TVD WAVE  ACG APCO ATP30 BJCHI CI DCC FN GPI IRC	TIPCO TQM TVI WHA  ADB APCS AUCT BROOK CIG DCON FORTH GULF IRCP	TISCO TRC TVO WHAUP  AEC APURE AWC BTW CMC DDD FSS GYT IT	TK TSC TWPC WICE  AEONTS AQUA AYUD CBG COLOR DOD FTE HPT	TKT TSR U WINNER  AGE ASAP B CEN COM7 DOHOME FVC HTC	TTB TSTE UAC TRUE  AH ASEFA BA CGH CPL EASON GENCO	TMILL TSTH UBIS  AHC ASIA BAM CHARAN CRC EE GJS	AIT ASIAN BBL CHAYO CRD ERW GL
OA TW TW TH IH  N  LEVEL  BM MANAH SK GC HOTI SP E LOBAL  JET MART  T  MART	TOP TU WACOAL  ACE AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	TPBI TVD WAVE  ACG APCO ATP30 BJCHI CI DCC FN GPI IRC	TQM TVI WHA  ADB APCS AUCT BROOK CIG DCON FORTH GULF IRCP	TRC TVO WHAUP  AEC APURE AWC BTW CMC DDD FSS GYT IT	TSC TWPC WICE  AEONTS AQUA AYUD CBG COLOR DOD FTE HPT	TSR U WINNER  AGE ASAP B CEN COM7 DOHOME FVC HTC	TSTE UAC TRUE  AH ASEFA BA CGH CPL EASON GENCO	TSTH UBIS  AHC ASIA BAM CHARAN CRC EE GJS	AIT ASIAN BBL CHAYO CRD ERW GL
TW IH  LEVEL  BM  MANAH  SK  GC  HOTI  SP  E  LOBAL  MART  MART	TU WACOAL  ACE AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	TVD WAVE  ACG APCO ATP30 BJCHI CI DCC FN GPI IRC	TVI WHA  ADB APCS AUCT BROOK CIG DCON FORTH GULF IRCP	TVO WHAUP  AEC APURE AWC BTW CMC DDD FSS GYT IT	TWPC WICE  AEONTS AQUA AYUD CBG COLOR DOD FTE HPT	U WINNER AGE ASAP B CEN COM7 DOHOME FVC HTC	UAC TRUE  AH ASEFA BA CGH CPL EASON GENCO	AHC ASIA BAM CHARAN CRC EE GJS	AIT ASIAN BBL CHAYO CRD ERW GL
LEVEL  BM // MANAH // SK // GC E HOTI (C) SP (C) E LOBAL (C) HET   MART (C)	WACOAL  ACE AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	ACG APCO ATP30 BJCHI CI DCC FN GPI IRC	ADB APCS AUCT BROOK CIG DCON FORTH GULF IRCP	AEC APURE AWC BTW CMC DDD FSS GYT IT	AEONTS AQUA AYUD CBG COLOR DOD FTE HPT	AGE ASAP B CEN COM7 DOHOME FVC HTC	AH ASEFA BA CGH CPL EASON GENCO	AHC ASIA BAM CHARAN CRC EE GJS	AIT ASIAN BBL CHAYO CRD ERW GL
LEVEL  BM // MANAH // SK // GC E HOTI (SP (C) E E LOBAL (C) JET   MART (C)	ACE AMARIN ASN BJC CHOW CWT GLOCON INSURE	ACG APCO ATP30 BJCHI CI DCC FN GPI IRC	ADB APCS AUCT BROOK CIG DCON FORTH GULF IRCP	AEC APURE AWC BTW CMC DDD FSS GYT IT	AEONTS AQUA AYUD CBG COLOR DOD FTE HPT	AGE ASAP B CEN COM7 DOHOME FVC HTC	AH ASEFA BA CGH CPL EASON GENCO	ASIA BAM CHARAN CRC EE GJS	ASIAN BBL CHAYO CRD ERW GL
BM / MANAH / SK / GC E HOTI ( SP [ E E LOBAL ( MART S	AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	APCO ATP30 BJCHI CI DCC FN GPI IRC	APCS AUCT BROOK CIG DCON FORTH GULF IRCP	APURE AWC BTW CMC DDD FSS GYT IT	AQUA AYUD CBG COLOR DOD FTE HPT	ASAP B CEN COM7 DOHOME FVC HTC	ASEFA BA CGH CPL EASON GENCO	ASIA BAM CHARAN CRC EE GJS	ASIAN BBL CHAYO CRD ERW GL
BM / MANAH / SK / GC E HOTI ( SP [ E E LOBAL ( MART S	AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	APCO ATP30 BJCHI CI DCC FN GPI IRC	APCS AUCT BROOK CIG DCON FORTH GULF IRCP	APURE AWC BTW CMC DDD FSS GYT IT	AQUA AYUD CBG COLOR DOD FTE HPT	ASAP B CEN COM7 DOHOME FVC HTC	ASEFA BA CGH CPL EASON GENCO	ASIA BAM CHARAN CRC EE GJS	ASIAN BBL CHAYO CRD ERW GL
MANAH // SK // GC I HOTI ( SP ( E I LOBAL ( IET I MART (	AMARIN ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	APCO ATP30 BJCHI CI DCC FN GPI IRC	APCS AUCT BROOK CIG DCON FORTH GULF IRCP	APURE AWC BTW CMC DDD FSS GYT IT	AQUA AYUD CBG COLOR DOD FTE HPT	ASAP B CEN COM7 DOHOME FVC HTC	ASEFA BA CGH CPL EASON GENCO	ASIA BAM CHARAN CRC EE GJS	ASIAN BBL CHAYO CRD ERW GL
SK / GC   HOTI ( SP ( E   LOBAL ( IET   MART (	ASN BJC CHOW CWT FLOYD GLOCON INSURE JMT	ATP30 BJCHI CI DCC FN GPI IRC	AUCT BROOK CIG DCON FORTH GULF IRCP	AWC BTW CMC DDD FSS GYT IT	AYUD CBG COLOR DOD FTE HPT	B CEN COM7 DOHOME FVC HTC	BA CGH CPL EASON GENCO	BAM CHARAN CRC EE GJS	BBL CHAYO CRD ERW GL
GC E HOTI ( SP ( E E LOBAL ( IET I MART (	BJC CHOW CWT FLOYD GLOCON INSURE JMT	BJCHI CI DCC FN GPI IRC	BROOK CIG DCON FORTH GULF IRCP	BTW CMC DDD FSS GYT IT	CBG COLOR DOD FTE HPT	CEN COM7 DOHOME FVC HTC	CGH CPL EASON GENCO	CHARAN CRC EE GJS	CHAYO CRD ERW GL
HOTI ( SP ( E I LOBAL ( IET I MART (	CHOW CWT FLOYD GLOCON INSURE JMT	CI DCC FN GPI IRC	CIG DCON FORTH GULF IRCP	CMC DDD FSS GYT IT	COLOR DOD FTE HPT	COM7 DOHOME FVC HTC	CPL EASON GENCO	CRC EE GJS	CRD ERW GL
SP ( E F LOBAL ( IET I MART (	CWT FLOYD GLOCON INSURE JMT	DCC FN GPI IRC	DCON FORTH GULF IRCP	DDD FSS GYT IT	DOD FTE HPT	DOHOME FVC HTC	EASON GENCO	EE GJS	ERW GL
E I LOBAL ( IET I MART .	FLOYD GLOCON INSURE JMT	FN GPI IRC	FORTH GULF IRCP	FSS GYT IT	FTE HPT	FVC HTC	GENCO	GJS	GL
LOBAL ( IET I MART .	GLOCON INSURE JMT	GPI IRC	GULF IRCP	GYT IT	HPT	HTC			
LOBAL ( IET I MART .	GLOCON INSURE JMT	GPI IRC	GULF IRCP	GYT IT	HPT	HTC			
IET I MART .	INSURE JMT	IRC	IRCP	IT			-		
MART .	JMT				· · · ·	ITEL	J	JAS	JCK
				KGI	KIAT	KOOL	KTIS	KWC	KWM
ALIIN I	LDC	LUIZ		KGI LPH					
		LHK	LOXLEY		LRH	LST	M	MACO	MAJOR
	META	MFC	MGT	MILL	MITSIB	MK	MODERN	MTI	MVP
	NINE	NTV	NWR	OCC	OGC	OSP	PATO	PB	PDG
ICO I	PIMO	PJW	PL	PM	PPP	PRIN	PRINC	PSTC	PT
CL I	RICHY	RML	RPC	RWI	S11	SALEE	SAMCO	SANKO	SAPPE
	SCP	SE	SEG	SFP	SGF	SHR	SIAM	SINGER	SKE
	SMIT	SMT	SNP	SPA	SPC	SPCG	SR	SRICHA	SSC
	STI	STPI	SUC	SUN	SYNEX	T	TAE	TAKUNI	TBSP
		TEAMG	TFG	TIGER	TITLE	TKN	TKS	TM	TMC
	TMT	TNITY	TNP	TNR	TOG	TPA	TPAC	TPCORP	TPOLY
		TRU	TSE	TVT	TWP	UEC	UMI	UOBKH	UP
POIC I	UT	UTP	UWC	VL	VNT	VPO	WIIK	WP	XO
		ZMICO							
	ARICO	A.I.	ALL	ALLICON	AMC	ADD	ADIN	AC	ALL
									AU
									BR
	BSM	BTNC	CAZ	CCP	CGD	CITY	CMAN	CMO	CMR
PW (	CRANE	CSR	D	EKH	EP	ESSO	FMT	GIFT	GREEN
	HTECH	HUMAN	IHL		INSET				KASET
									MCS
									NUSA
									PRIME
	RBF	RCI	RJH	ROJNA	RP	RPH	RSP	SF	SFLEX
ISB S	SKN	SLP	SMART	SOLAR	SPG	SQ	SSP	STARK	STC
									TPLAS
		UMS	VCOM	VRANDA	WIN	WORK	WPH		
								ange	
	Excellent						90-10	00	
	ery Good						80-8	9	
	,								
C SIP TI KI JI AI TI SI	BM W B C D F - B B OA CN	ABICO BCH BM BSM W CRANE B HTECH C KUMWEL D MM F PF - RBF BB SKN DA TC	ABICO AJ BCH BEAUTY BM BSM BTNC W CRANE CSR B HTECH HUMAN C KUMWEL KUN D MM MORE F PF PK L RBF RCI BB SKN SLP DOA TC TCCC CN UKEM UMS Description Excellent	ABICO AJ ALL BCH BEAUTY BGT BM BSM BTNC CAZ W CRANE CSR D B HTECH HUMAN IHL C KUMWEL KUN KWG D MM MORE NC F PF PK PLE B SKN SLP SMART OA TC TCCC THMUI CN UKEM UMS VCOM  Description Excellent	ABICO AJ ALL ALUCON BCH BEAUTY BGT BH BM BSM BTNC CAZ CCP W CRANE CSR D EKH B HTECH HUMAN IHL INOX C KUMWEL KUN KWG KYE D MM MORE NC NDR F PF PK PLE PMTA C RBF RCI RJH ROJNA B SKN SLP SMART SOLAR DOA TC TCCC THMUI TIW CN UKEM UMS VCOM VRANDA  Description  Excellent Very Good	ABICO AJ ALL ALUCON AMC BCH BEAUTY BGT BH BIG BM BSM BTNC CAZ CCP CGD W CRANE CSR D EKH EP B HTECH HUMAN IHL INOX INSET C KUMWEL KUN KWG KYE LEE D MM MORE NC NDR NER D PF PK PLE PMTA POST L RBF RCI RJH ROJNA RP B SKN SLP SMART SOLAR SPG DOA TC TCCC THMUI TIW TNH CN UKEM UMS VCOM VRANDA WIN  Description  Excellent Very Good	ABICO AJ ALL ALUCON AMC APP BCH BEAUTY BGT BH BIG BKD BM BSM BTNC CAZ CCP CGD CITY W CRANE CSR D EKH EP ESSO B HTECH HUMAN IHL INOX INSET IP C KUMWEL KUN KWG KYE LEE MATCH D MM MORE NC NDR NER NFC F PF PK PLE PMTA POST PPM L RBF RCI RJH ROJNA RP RPH BB SKN SLP SMART SOLAR SPG SQ DOA TC TCCC THMUI TIW TNH TOPP CN UKEM UMS VCOM VRANDA WIN WORK  Description  Excellent Very Good	ABICO AJ ALL ALUCON AMC APP ARIN BCH BEAUTY BGT BH BIG BKD BLAND BM BSM BTNC CAZ CCP CGD CITY CMAN W CRANE CSR D EKH EP ESSO FMT B HTECH HUMAN IHL INOX INSET IP JTS C KUMWEL KUN KWG KYE LEE MATCH MATI D MM MORE NC NDR NER NFC NNCL F PF PK PLE PMTA POST PPM PRAKIT L RBF RCI RJH ROJNA RP RPH RSP BB SKN SLP SMART SOLAR SPG SQ SSP DA TC TCCC THMUI TIW TNH TOPP TPCH CN UKEM UMS VCOM VRANDA WIN WORK WPH  Description  Excellent Very Good  ARIN ALUCON AMC APP ARIN BIG BKD BKD BLAND BKD AND BKD	ABICO AJ ALL ALUCON AMC APP ARIN AS BCH BEAUTY BGT BH BIG BKD BLAND BM BM BSM BTNC CAZ CCP CGD CITY CMAN CMO W CRANE CSR D EKH EP ESSO FMT GIFT B HTECH HUMAN IHL INOX INSET IP JTS JUBILE C KUMWEL KUN KWG KYE LEE MATCH MATI M-CHAI D MM MORE NC NDR NER NFC NNCL NPK F PF PK PLE PMTA POST PPM PRAKIT PRECHA C RBF RCI RJH ROJNA RP RPH RSP SF B SKN SLP SMART SOLAR SPG SQ SSP STARK DOA TC TCCC THMUI TIW TNH TOPP TPCH TPIPP  Description  Excellent Very Good  ARIO APP ARIN AS BM ASIO BLAND BM BM BSM BLAND BM BM BSM BLAND BM BM BIG BKD BLAND BM BM BKD BLAND BM BM BSM BLAND BM BM BKD BKD BLAND BM BM BKD BKD BKAN CMO CAZ CCP CGD CITY CMAN CMO CMAN CMO CMAN CMAN CMO CMAN CMAN CMO CMAN CMAN CMO CMAN CMAN CMO CAZ CCP CGD CITY CMAN CMO CMAN CMAN CMAN CMO CMAN CMAN CMO CMAN CMAN CMO CMAN CMAN CMAN CMO CMAN CMAN CMO CMAN CMAN CMO CMAN CMAN CMAN CMO CMAN CMAN CMAN CMO CMAN CMAN CMO CMAN CMAN CMAN CMAN CMO CMAN CMAN CMAN CMAN CMAN CMO CMAN CMAN CMAN CMAN CMAN CMO CMAN CMAN CMAN CMAN CMAN CMAN CMO CMAN CMAN CMAN CMAN CMAN CMAN CMAN CMAN

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.

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\* 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,

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

and corruption SEC imposed a civil sanction against insider trading of director and executive; \*\* delisted

### **Anti-corruption Progress Indicator 2020**

CERTIFIED	)									
2S	ADVANC	Al	AIE	AIRA	AKP	AMA	AMANAH	AP	AQUA	ARROW
ASK	ASP	AYUD	В	BAFS	BANPU	BAY	BBL	всн	ВСР	BCPG
BGC	BGRIM	BJCHI	BKI	BLA	BPP	BROOK	BRR	BSBM	BTS	BWG
CEN	CENTEL	CFRESH	CGH	CHEWA	СНОТІ	CHOW	CIG	CIMBT	CM	CMC
COL	COM7	CPALL	CPF	CPI	CPN	CSC	DCC	DELTA	DEMCO	DIMET
DRT	DTAC	DTC	EASTW	ECL	EGCO	FE	FNS	FPI	FPT	FSS
FTE	GBX	GC	GCAP	GEL	GFPT	GGC	GJS	GPSC	GSTEEL	GUNKUL
HANA	HARN	HMPRO	HTC	ICC	ICHI	IFS	INET	INSURE	INTUCH	IRPC
ITEL	IVL	K	KASET	KBANK	KBS	KCAR	KCE	KGI	KKP	KSL
KTB	KTC	KWC	L&E	LANNA	LHFG	LHK	LPN	LRH	М	MAKRO
MALEE	MBAX	MBK	MBKET	MC	MCOT	MFC	MFEC	MINT	MONO	MOONG
MPG	MSC	MTC	MTI	NBC	NEP	NINE	NKI	NMG	NNCL	NSI
NWR	occ	OCEAN	OGC	ORI	PAP	PATO	РВ	PCSGH	PDG	PDI
PDJ	PE	PG	PHOL	PL	PLANB	PLANET	PLAT	PM	PPP	PPPM
PPS	PREB	PRG	PRINC	PRM	PSH	PSL	PSTC	PT	PTG	PTT
PTTEP	PTTGC	PYLON	Q-CON	QH	QLT	QTC	RATCH	RML	RWI	S & J
SABINA	SAT	SC	SCB	SCC	sccc	SCG	SCN	SEAOIL	SE-ED	SELIC
SENA	SGP	SIRI	SITHAI	SMIT	SMK	SMPC	SNC	SNP	SORKON	SPACK
SPC	SPI	SPRC	SRICHA	SSF	SSSC	SST	STA	SUSCO	SVI	SYNTEC
TAE	TAKUNI	TASCO	TBSP	TCAP	TCMC	TFG	TFI	TFMAMA	THANI	THCOM
THIP	THRE	THREL	TIP	TIPCO	TISCO	TKT	TTB	TMD	TMILL	TMT
TNITY	TNL	TNP	TNR	TOG	TOP	TPA	TPCORP	TPP	TRU	TSC
TSTH	TTCL	TU	TVD	TVI	TVO	TWPC	U	UBIS	UEC	UKEM
UOBKH	UWC	VGI	VIH	VNT	WACOAL	WHA	WHAUP	WICE	WIIK	XO
ZEN	TRUE									
DECLARE	D									
7UP	ABICO	AF	ALT	AMARIN	AMATA	AMATAV	ANAN	APURE	B52	BKD
ВМ	BROCK	BUI	CHO	CI	сотто	DDD	EA	EFORL	EP	ERW
ESTAR	ETE	EVER	FSMART	GPI	ILINK	IRC	J	JKN	JMART	JMT
JSP	JTS	KWG	LDC	MAJOR	META	NCL	NOBLE	NOK	PK	PLE
ROJNA	SAAM	SAPPE	SCI	SE	SHANG	SINGER	SKR	SPALI	SSP	STANLY
SUPER	SYNEX	THAI	TKS	TOPP	TRITN	TTA	UPF	UV	WIN	ZIGA

### 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)

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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

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#### Karun Intrachai FSS International Investment Advisory Securities Co., Ltd

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Company	Ticker	Price	Rating	Valuation & Risks
Home Product Center	HMPRO TB	THB 14.60	BUY	The key downside risks to our DCF-based TP include: 1) lower-than-expected SSSG; 2) the slow recovery of tourist numbers; and 3) operating losses from its overseas business.
Berli Jucker	BJC TB	THB 30.75	HOLD	Key downside risks to our DCF-based TP could come from 1) competition with Lotus which could impact its sales and gross margin; and 2) a lower-than-expected utilisation rate and profit margin from its packaging unit after losing major customers in Thailand. The key upside risk is from easing competition in the hypermarket segment
Siam Global House	GLOBAL TB	THB 20.20	BUY	The key downside risks to our DCF-based TP are volatile farm incomes and farm prices which could negatively impact purchasing power, especially in the provinces.
Central Retail Corp	CRC TB	THB 32.00	BUY	The key downside risks to our DCF-based TP include 1) new waves of Covid-19; and 2) lower-than-expected sales from the high-margin fashion business.
Srinanaporn Marketing	SNNP TB	THB 12.10	BUY	The key downside risks to our DCF-based TP are 1) slower-than-expected demand growth and market penetration overseas, especially in Cambodia and Vietnam; 2) a lower-than-expected profit margin due to high raw material and transportation costs; and 3) higher-than-expected SG&A expenses from overseas operations.

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 29-Dec-2021 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.