

# **Limited earnings risk**

Despite cutting our earnings, we maintain our HOLD call on QH with Bt2.5 SOTP TP. We see limited earnings risk from now onward as we believe property profit has bottomed out this year, while the hotel business should recover from COVID with strong equity income growth from HMPRO. Dividend yields are at 4.7-5.5% in 2021-22F.



PHANNARAI TIYAPITTAYARUT 662-779-9109 phannarai.von@thanachartsec.co.th

### **Maintain HOLD**

Though 9M21 profit came in below our expectation on weakerthan-expected property sales revenues (-15% y-y), presales (-22% y-y) and condominium gross margin, prompting us to cut our earnings by 5-13% in 2021-23F, we raise our SOTP-based 12-month TP to Bt2.5 (from Bt2.4) on net debt falling from Bt14.5bn in 2020 to Bt12.9bn in 2021F. We maintain our HOLD rating as we believe its property business has bottomed out, while its hotel business should recover and equity income looks set to grow strongly from next year driven by HMPRO. QH offers decent dividend yields of 4.7-5.5% in 2021-22F.

# **Property business bottoming out**

We project property revenues of Bt7.7bn in 2021F, the lowest since 2005. Hit not only by softer property demand over the past few years from a more stringent LTV since April 2019 and disappearing foreign demand caused by COVID, QH has been losing market share as it scaled back new project launches by half from an average of Bt22bn/year in 2011-15 to below Bt10bn/year since 2016. As inventory has come down, particularly low-rise houses with finished stocks of Bt2.5bn available for four months of sales, it plans to increase new launches by 32% in 2022 to Bt7bn. With a higher sales mix from new projects (31-32% GP vs. below 30% for old stocks), margins for low-rise houses should recover. Condominium gross margin stayed at 19.2% in 9M21 and we estimate 21.7%, 23.2%, 28% in 2021-23F assuming it can sell more units at Q Sukhumvit (36% GP) when foreign tourists gradually return. Total condo stocks are Bt12.6bn, with 61% from the Q Sukhumvit project.

# Hotel business picking up slowly

QH makes revenue from five hotels, four in Bangkok and one in Pattaya. The hotel business had been making a profit until 2019 before the COVID pandemic. Hit by COVID, the average occupancy rate dropped from 81% in 2019 to 31% in 2020 and 9M21. Therefore, hotels are now making a loss at the gross profit level. The occupancy rate has picked up in 4QTD and we expect the hotel business to turn EBITDA breakeven next year.

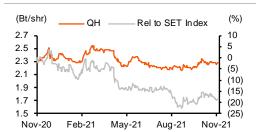
### 16-17% EPS growth in 2022-23F

Given weaker property and rental (offices, hotels) businesses, equity income from its four associates (HMPRO, LHFG, QHPF, QHHR) has become the major earnings contributor at 83% of 2021F profit. We project EPS growth of 17% and 16% in 2022-23F, driven by equity income growth of 15% in both years, boosted by record profit from its 20%-owned HMPRO (HMPRO TB, Bt14.6, BUY). We expect HMPRO to contribute 59% and 60% of QH's profit in 2022-23F.

#### **COMPANY VALUATION**

2020A	2021F	2022F	2023F
9,138	8,396	9,444	10,028
2,123	1,897	2,220	2,583
_	1,851	2,269	2,493
_	2.5	(2.1)	3.6
2,121	1,897	2,220	2,583
_	2,185	2,391	2,731
_	(13.2)	(7.1)	(5.4)
0.2	0.2	0.2	0.2
(25.5)	(10.6)	17.0	16.3
11.5	12.9	11.0	9.5
27.4	47.6	47.9	41.4
0.9	0.9	0.8	0.8
5.3	4.7	5.5	6.3
7.9	7.0	7.9	8.8
54.7	46.7	56.4	57.7
	9,138 2,123 ————————————————————————————————————	9,138 8,396 2,123 1,897 — 1,851 — 2.5 2,121 1,897 — 2,185 — (13.2) 0.2 0.2 (25.5) (10.6) 11.5 12.9 27.4 47.6 0.9 0.9 5.3 4.7 7.9 7.0	9,138         8,396         9,444           2,123         1,897         2,220           —         1,851         2,269           —         2.5         (2.1)           2,121         1,897         2,220           —         2,185         2,391           —         (13.2)         (7.1)           0.2         0.2         0.2           (25.5)         (10.6)         17.0           11.5         12.9         11.0           27.4         47.6         47.9           0.9         0.8         5.3         4.7         5.5           7.9         7.0         7.9

#### PRICE PERFORMANCE



### **COMPANY INFORMATION**

Price as of 24-Nov-21 (Bt)	2.28
Market Cap (US\$ m)	732.8
Listed Shares (m shares)	10,714.4
Free Float (%)	74.9
Avg Daily Turnover (US\$ m)	1.9
12M Price H/L (Bt)	2.54/2.16
Sector	PROP
Major Shareholder	Land & Houses 24.98%

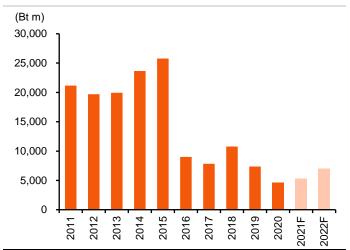
Sources: Bloomberg, Company data, Thanachart estimates

Ex 1: Key Assumption Changes

	2019	2020	2021F	2022F	2023F
Presales (Bt m)					
New	7,491	8,667	7,692	8,569	8,944
Old	7,491	8,667	8,901	9,142	9,391
Change (%)	0	0	(14)	(6)	(5)
Property sales (Bt m)					
New	9,291	8,503	7,748	8,487	8,910
Old	9,291	8,503	8,868	9,108	9,355
Change (%)	0	0	(13)	(7)	(5)
Gross margin (property) (%)					
- New	33.5	32.1	29.9	30.3	31.2
- Old	33.5	32.1	30.2	30.7	31.3
Gross margin (low-rise houses) (%)					
- New	33.8	33.1	30.5	31.0	31.5
- Old	33.8	33.1	30.5	31.0	31.5
Gross margin (condominiums) (%)					
- New	31.8	22.7	21.7	23.2	28.0
- Old	31.8	22.7	28.0	28.0	30.0
Equity income (Bt m) - New	1,927	1,530	1,577	1,816	2,084
- HMPRO	1,232	1,020	1,073	1,300	1,555
- LHFG	442	311	296	302	308
- QHPF	192	167	175	181	186
- QHHR	61	32	33	34	35
Equity income (Bt m) - Old	1,927	1,530	1,666	1,863	2,122
- HMPRO	1,232	1,020	1,162	1,347	1,593
- LHFG	442	311	296	302	308
- QHPF	192	167	175	181	186
- QHHR	61	32	33	34	35
Equity income - Change (%)	0	0	(5)	(3)	(2)
Normalized profit (Bt m)					
New	2,847	2,121	1,897	2,220	2,583
Old	2,847	2,121	2,185	2,391	2,731
Change (%)	0	0	(13)	(7)	(5)

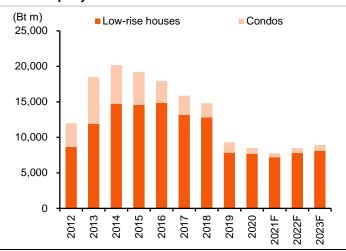
Source: Thanachart estimates



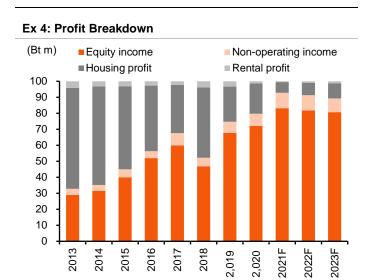


Sources: Company data, Thanachart estimates

Ex 3: Property Sales

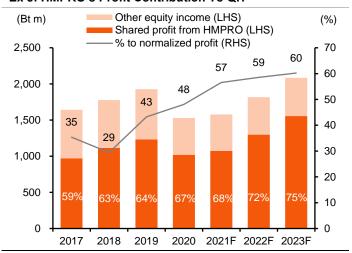


Sources: Company data, Thanachart estimates



Sources: Company data, Thanachart estimates

### Ex 5: HMPRO's Profit Contribution To QH



Sources: Company data, Thanachart estimates

# Ex 6: Our DCF Calculation For QH's Property Development Business

		-	-										
(Bt m)		2022F	2023F	2024F	2025F	2026F	2027F	2028F	2029F	2030F	2031F	2032F	Terminal
													Value
EBITDA		786	946	1,022	1,058	1,095	1,133	1,172	1,212	1,254	1,296	1,340	
Free cash flow		(4,029)	(1,836)	799	3,912	4,136	4,370	211	1,360	280	1,017	343	4,603
PV of free cash flow		(4,018)	(1,551)	620	2,793	2,663	2,576	114	672	127	421	125	1,678
Risk-free rate (%)	2.5												
Market risk premium (%)	8.0												
Beta	1.1												
WACC (%)	8.8												
Terminal growth (%)	2.0												
Enterprise value -	6,219												
property development													
business													

SOTP Calculation		(Bt m)
Enterprise value - property development business (net of rental business)		5,597
Commercial property	Rentable area (sqm)	2,290
Office Buildings		
- Q.House Asoke	19,677 sqm	704
- Q.House Sathorn	13,505 sqm	502
<u>Hotels</u>		
- Centre Point Silom	13,933 sqm	538
- Centre Point Pattaya	15,611 sqm	546
Investment in associates - less 30% discount	% Holding	31,801
- Quality Houses Leasehold Property Fund (QHPF)	26.0	1,517
- LH Financial Group Plc (LHFG)	13.7	2,803
- Home Product Center Plc (HMPRO)	20.0	27,065
- QH Hotel and Residence Freehold and Leasehold Property Fund (QHHR)	31.0	416
Total enterprise value		39,689
Less Net debt (end-2021F)		12,952
Equity value		26,737
# of shares (m)		10,714
Equity value/share (Bt)		2.50

Sources: Company data, Thanachart estimates

# **Valuation Comparison**

Ex 7: Valuation Comparison With Regional Peers

			EPS g	rowth	—— Р	E ——	— P/	BV —	EV/EB	ITDA	Div y	ield
Name	BBG Code	Country	21F	22F	21F	22F	21F	22F	21F	22F	21F	22F
			(%)	(%)	(x)	(x)	(x)	(x)	(x)	(x)	(%)	(%)
Poly Real Estate Group	600048 CH	China	(0.2)	7.7	5.7	5.3	0.9	8.0	9.1	8.6	5.1	5.5
Agile Property Holdings	3383 HK	China	3.1	4.3	2.4	2.3	0.3	0.3	4.7	4.4	15.8	16.7
Country Garden Holdings	2007 HK	China	(12.1)	9.4	4.4	4.0	8.0	0.7	4.6	4.3	6.8	7.4
China Overseas Land & Invest	688 HK	Hong Kong	5.9	7.8	5.1	4.8	0.6	0.6	5.1	4.7	5.9	6.3
China Resources Land	1109 HK	Hong Kong	10.3	14.4	9.2	8.1	1.1	1.0	6.6	5.9	3.9	4.4
Hang Lung Properties	101 HK	Hong Kong	13.5	13.1	15.1	13.3	0.5	0.5	16.7	15.0	4.8	4.9
Henderson Land Development	12 HK	Hong Kong	(1.6)	1.9	11.5	11.3	0.5	0.5	21.1	20.2	5.3	5.4
Shimao Property Holdings	813 HK	Hong Kong	5.5	6.4	2.6	2.4	0.3	0.3	5.8	5.4	14.0	15.5
Sun Hung Kai Properties	16 HK	Hong Kong	0.0	5.8	9.5	9.0	0.5	0.5	9.7	9.0	5.0	5.0
Sino Land	83 HK	Hong Kong	105.8	(25.1)	7.4	9.9	0.5	0.4	3.5	4.7	6.5	5.7
CapitaLand	CAPL SP	Singapore	30.5	11.2	na	na	na	na	na	na	na	na
City Developments	CIT SP	Singapore	34.7	113.5	31.2	14.6	0.8	0.7	27.1	19.4	1.8	2.2
Guocoland	GUOL SP	Singapore	na	na	na	na	na	na	na	na	na	na
Asian Property Devt *	AP TB	Thailand	(10.3)	3.6	7.7	7.4	0.9	0.8	12.8	12.6	4.6	4.7
Land and Houses *	LH TB	Thailand	6.9	19.9	14.9	12.4	2.1	2.0	21.3	19.0	5.7	6.8
LPN Development *	LPN TB	Thailand	(11.9)	15.2	11.5	9.9	0.7	0.7	14.4	12.3	5.2	6.0
Pruksa Holding *	PSH TB	Thailand	0.4	13.0	10.4	9.2	0.7	0.6	11.4	10.1	5.8	6.5
Quality Houses *	QH TB	Thailand	(10.6)	17.0	12.9	11.0	0.9	8.0	47.6	47.9	4.7	5.5
Sansiri *	SIRI TB	Thailand	(11.6)	12.3	15.0	13.3	0.6	0.5	22.7	22.5	2.7	3.0
Supalai *	SPALI TB	Thailand	36.2	13.3	8.4	7.4	1.2	1.1	10.1	8.8	4.8	5.4
Average			10.2	13.9	10.3	8.6	0.8	0.7	14.1	13.0	6.0	6.5

Sources: Bloomberg consensus, \*Thanachart estimates

Based on 24 November 2021 closing prices

### **COMPANY DESCRIPTION**

Quality Houses PcI (QH) and its subsidiaries run three core businesses: developing land, houses and residential condominiums for sale, hotels, and office buildings for rent. QH plans to boost investments in land and houses for sale and residential buildings for sale in the price range of Bt2m-3m to expand its business opportunities and to boost its growth rate.

Source: Thanachart

# THANACHART'S SWOT ANALYSIS

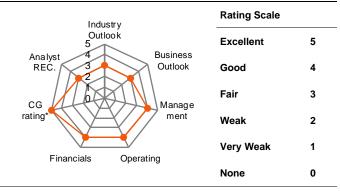
# S — Strength

- Leader in super high-end and high-end SDH.
- Very good housing quality.
- Diversified products.

#### Opportunity

- Penetrating more into the mid-to-low end segment.
- More upcountry projects in tourist and industrial estate provinces.

## **COMPANY RATING**



Source: Thanachart; \*CG Rating

#### W — Weakness

 In the process of building brand awareness for QH's mid-end and low-end housing products.

#### T — Threat

- Slow market growth in the high-end segment.
- Fierce competition in the low-end segment.
- Land and building tax.

#### **CONSENSUS COMPARISON**

	Consensus	Thanachart	Diff
Target price (Bt)	2.37	2.50	6%
Net profit 21F (Bt m)	1,851	1,897	2%
Net profit 22F (Bt m)	2,269	2,220	-2%
Consensus REC	BUY: 5	HOLD: 10	SELL: 5

# **HOW ARE WE DIFFERENT FROM THE STREET?**

- Our 2021-22F net profits are in line with consensus.
- However, our SOTP-based TP is 6% above the consensus figure, which we ascribe to us factoring in HMPRO's value in QH using the market price.

# RISKS TO OUR INVESTMENT CASE

- Weaker-than-expected economic growth would impact housing demand and therefore future growth prospects.
- There would be downside risk to our earnings projections if its mid-to-low-end houses are not as successful as we currently expect.
- There could be upside risk if property demand turns around faster than we presently expect.

Sources: Bloomberg consensus, Thanachart estimates

Source: Thanachart

## **INCOME STATEMENT**

**BALANCE SHEET** 

FY ending Dec (Bt m)

FY ending Dec (Bt m)	2019A	2020A	2021F	2022F	2023F
Sales	10,680	9,138	8,396	9,444	10,028
Cost of sales	7,083	6,318	5,983	6,748	7,052
Gross profit	3,596	2,820	2,413	2,696	2,976
% gross margin	33.7%	30.9%	28.7%	28.6%	29.7%
Selling & administration expenses	2,255	1,790	1,847	2,078	2,206
Operating profit	1,341	1,030	565	619	770
% operating margin	12.6%	11.3%	6.7%	6.6%	7.7%
Depreciation & amortization	223	390	221	230	239
EBITDA	1,564	1,420	786	849	1,009
% EBITDA margin	14.6%	15.5%	9.4%	9.0%	10.1%
Non-operating income	263	237	243	273	290
Non-operating expenses	0	0	0	0	0
Interest expense	(390)	(392)	(382)	(386)	(431)
Pre-tax profit	1,214	875	427	505	629
Income tax	294	284	107	101	130
After-tax profit	920	591	320	404	499
% net margin	8.6%	6.5%	3.8%	4.3%	5.0%
Shares in affiliates' Earnings	1,927	1,530	1,577	1,816	2,084
Minority interests	0	0	0	0	0
Extraordinary items	7	2	0	0	0
NET PROFIT	2,854	2,123	1,897	2,220	2,583
Normalized profit	2,847	2,121	1,897	2,220	2,583
EPS (Bt)	0.3	0.2	0.2	0.2	0.2
Normalized EPS (Bt)	0.3	0.2	0.2	0.2	0.2

Equity income growth resumes next year driven by HMPRO...

...to drive a 14% three-year EPS CAGR

We see hidden asset value in its land bank and commercial property

Surplus	(87)	(556)	0	0	0
Warrants	0	0	0	0	0
Share premium	379	379	379	379	379
Paid-up capital	10,714	10,714	10,714	10,714	10,714
Preferreds shares	0	0	0	0	0
Minority interest	0	0	0	0	0
Total liabilities	24,038	21,099	19,432	23,221	24,706
Others LT liabilities	1,090	1,797	1,656	1,735	1,757
Total LT debt	12,088	10,639	9,686	11,827	12,666
Others current liabilities	1,703	1,762	1,516	1,685	1,762
Current LT debt	8,027	5,400	5,216	6,368	6,820
Bank overdraft & ST loans	500	998	784	958	1,026
Account payables	630	502	574	647	676
Current liabilities:	10,860	8,663	8,090	9,658	10,284
LIABILITIES:					
Total assets	50,902	47,667	47,168	52,039	54,776
Other assets	2,679	2,205	2,061	2,159	2,186
Net fixed assets	9,065	8,805	9,146	9,479	9,803
Investments & loans	11,652	11,430	11,430	11,430	11,430
Others	157	136	125	140	149
Inventories	25,040	22,545	21,639	25,881	28,013
Account receivables	98	37	34	38	40
Cash & cash equivalent	2,212	2,510	2,734	2,913	3,156
Current assets:	27,507	25,227	24,531	28,972	31,358

2019A

2020A

2021F

2022F

2023F

Sources: Company data, Thanachart estimates

Shareholders' equity

Liabilities & equity

THANACHART RESEARCH 6

26,863

50,902

26,568

47,667

27,736

47,168

28,818

52,039

30,069

54,776

# **CASH FLOW STATEMENT**

FY ending Dec (Bt m)	2019A	2020A	2021F	2022F	2023F
Earnings before tax	1,214	875	427	505	629
Tax paid	(525)	(253)	(135)	(80)	(129)
Depreciation & amortization	223	390	221	230	239
Chg In w orking capital	175	2,428	981	(4,173)	(2,105)
Chg In other CA & CL / minorities	87	1,219	1,019	1,593	1,754
Cash flow from operations	1,173	4,659	2,512	(1,925)	388
Capex	2,499	65	(500)	(500)	(500)
Right of use	0	(1,011)	(30)	(1)	(1)
ST loans & investments	0	0	0	0	0
LT loans & investments	(341)	222	0	0	0
Adj for asset revaluation	0	0	0	0	0
Chg In other assets & liabilities	(978)	2,360	323	276	331
Cash flow from investments	1,181	1,636	(207)	(225)	(170)
Debt financing	(1,686)	(3,578)	(1,351)	3,467	1,358
Capital increase	0	0	0	0	0
Dividends paid	(2,250)	(1,821)	(1,286)	(1,138)	(1,332)
Warrants & other surplus	(26)	(597)	556	0	0
Cash flow from financing	(3,963)	(5,997)	(2,081)	2,329	25
Free cash flow	3,672	4,724	2,012	(2,425)	(112)

QH has consistently paid dividends at no lower than a 60% payout ratio

We believe the current price reflects no value for its housing and rental businesses

VALUATION	۷	Ά	L	U.	Α	T	Ю	N
-----------	---	---	---	----	---	---	---	---

FY ending Dec	2019A	2020A	2021F	2022F	2023F
Normalized PE (x)	8.6	11.5	12.9	11.0	9.5
Normalized PE - at target price (x)	9.4	12.6	14.1	12.1	10.4
PE(x)	8.6	11.5	12.9	11.0	9.5
PE - at target price (x)	9.4	12.6	14.1	12.1	10.4
EV/EBITDA (x)	27.4	27.4	47.6	47.9	41.4
EV/EBITDA - at target price (x)	28.9	29.1	50.6	50.7	43.8
P/BV (x)	0.9	0.9	0.9	8.0	8.0
P/BV - at target price (x)	1.0	1.0	1.0	0.9	0.9
P/CFO (x)	20.8	5.2	9.7	(12.7)	63.0
Price/sales (x)	2.3	2.7	2.9	2.6	2.4
Dividend yield (%)	8.8	5.3	4.7	5.5	6.3
FCF Yield (%)	15.0	19.3	8.2	(9.9)	(0.5)
(Bt)					
Normalized EPS	0.3	0.2	0.2	0.2	0.2
EPS	0.3	0.2	0.2	0.2	0.2
DPS	0.2	0.1	0.1	0.1	0.1
BV/share	2.5	2.5	2.6	2.7	2.8
CFO/share	0.1	0.4	0.2	(0.2)	0.0
FCF/share	0.3	0.4	0.2	(0.2)	(0.0)

Sources: Company data, Thanachart estimates

FINANCIAL RATIOS

We expect normalized EPS growth to resume from 2022F

THE THE TEXT TOO					
FY ending Dec	2019A	2020A	2021F	2022F	2023F
Growth Rate					
Sales (%)	(32.8)	(14.4)	(8.1)	12.5	6.2
Net profit (%)	(24.9)	(25.6)	(10.7)	17.0	16.3
EPS (%)	(24.9)	(25.6)	(10.7)	17.0	16.3
Normalized profit (%)	(24.9)	(25.5)	(10.6)	17.0	16.3
Normalized EPS (%)	(24.9)	(25.5)	(10.6)	17.0	16.3
Dividend payout ratio (%)	75.1	60.5	60.0	60.0	60.0
Operating performance					
Gross margin (%)	33.7	30.9	28.7	28.6	29.7
Operating margin (%)	12.6	11.3	6.7	6.6	7.7
EBITDA margin (%)	14.6	15.5	9.4	9.0	10.1
Net margin (%)	8.6	6.5	3.8	4.3	5.0
D/E (incl. minor) (x)	0.8	0.6	0.6	0.7	0.7
Net D/E (incl. minor) (x)	0.7	0.5	0.5	0.6	0.6
Interest coverage - EBIT (x)	3.4	2.6	1.5	1.6	1.8
Interest coverage - EBITDA (x)	4.0	3.6	2.1	2.2	2.3
ROA - using norm profit (%)	5.4	4.3	4.0	4.5	4.8
ROE - using norm profit (%)	10.7	7.9	7.0	7.9	8.8
DuPont					
ROE - using after tax profit (%)	3.5	2.2	1.2	1.4	1.7
- asset turnover (x)	0.2	0.2	0.2	0.2	0.2
- operating margin (%)	15.0	13.9	9.6	9.4	10.6
- leverage (x)	2.0	1.8	1.7	1.8	1.8
- interest burden (%)	75.7	69.1	52.8	56.7	59.3
- tax burden (%)	75.8	67.6	75.0	80.0	79.4
WACC (%)	8.8	8.8	8.8	8.8	8.8
ROIC (%)	2.3	1.5	1.0	1.2	1.3
NOPAT (Bt m)	1,016	696	424	476	593
invested capital (Bt m)	45,267	41,096	40,688	45,059	47,424

Sources: Company data, Thanachart estimates

#### **General Disclaimers And Disclosures:**

This report is prepared and issued by Thanachart Securities Public Company Limited (TNS) as a resource only for clients of TNS, Thanachart Capital Public Company Limited (TCAP) and its group companies. Copyright © Thanachart Securities Public Company Limited. All rights reserved. The report may not be reproduced in whole or in part or delivered to other persons without our written consent.

This report is prepared by analysts who are employed by the research department of TNS. While the information is from sources believed to be reliable, neither the information nor the forecasts shall be taken as a representation or warranty for which TNS or TCAP or its group companies or any of their employees incur any responsibility. This report is provided to you for informational purposes only and it is not, and is not to be construed as, an offer or an invitation to make an offer to sell or buy any securities. Neither TNS, TCAP nor its group companies accept any liability whatsoever for any direct or consequential loss arising from any use of this report or its contents.

The information and opinions contained herein have been compiled or arrived at from sources believed reliable. However, TNS, TCAP and its group companies make no representation or warranty, express or implied, as to their accuracy or completeness. Expressions of opinion herein are subject to change without notice. The use of any information, forecasts and opinions contained in this report shall be at the sole discretion and risk of the user.

TNS, TCAP and its group companies perform and seek to perform business with companies covered in this report. TNS, TCAP, its group companies, their employees and directors may have positions and financial interest in securities mentioned in this report. TNS, TCAP or its group companies may from time to time perform investment banking or other services for, or solicit investment banking or other business from, any entity mentioned in this report. Therefore, investors should be aware of conflict of interest that may affect the objectivity of this report.

Note: Thanachart Securities Public Company Limited act as a Market Maker and Derivative Warrants Issuer. At present, TNS has issued 136 Derivative Warrants which are ACE16C2111A, ACE16C2201A, ACE16C2202A, ADVA16C2201A, ADVA16C2202A, AEON16C2201A, AEON16C2201B, AMAT16C2112A, AOT16C2112A, AOT16C2202A, BAM16C2112A, BANP16C2112A, BANP16C2201A, BANP16C2202A, BBL16C2201A, BBL16C2203A, BCH16C2111A, BCH16C2111B, BCH16C2201A, BCH16C2203A, BCPG16C2111A, BEC16C2202A, BGRI16C2112A, CBG16C2201A, CBG16C2202A, CHG16C2111A, CHG16C2112A, CHG16C2202A, COM716C2112A, COM716C2203A, CPAL16C2111A, CPAL16C2112A, CPAL16C2203A, CPF16C2112A, CPN16C2202A, DELT16C2112A, DELT16C2202A, DELT16C2203A, DOHO16C2111A, DOHO16C2112A, DOHO16C2202A, DTAC16C2112A, EA16C2201A, ESSO16C2202A, GLOB16C2201A, GLOB16C2203A, GPSC16C2201A, GPSC16C2201B, GPSC16C2203A, GULF16C2112A, GULF16C2202A, GUNK16C2112A, GUNK16C2201A, GUNK16C2203A, HANA16C2112A, HANA16C2202A, HMPR16C2202A, INTU16C2201A, INTU16C2202A, IRPC16C2112A, IVL16C2111A, IVL16C2202A, JAS16C2202A, JMAR16C2111A, JMAR16C2201A, JMAR16C2202A, JMT16C2201A, JMT16C2203A, KBAN16C2111A, KBAN16C2111B, KBAN16C2201A, KBAN16C2202A, KCE16C2201A, KTC16C2112A, KTC16C2202A, LH16C2202A, MAJO16C2201A, MEGA16C2112A, MINT16C2112A, MINT16C2203A, MTC16C2112A, MTC16C2202A, OR16C2112A, OR16C2202A, OR16C2203A, PTG16C2201A, PTG16C2202A, PTG16C2203A, PTL16C2201A, PTL16C2202A, PTL16C2202B, PTT16C2112A, PTT16C2201A, PTT16C2203A, PTTE16C2112A, PTTE16C2203A, PTTE16C220A, PTTE16 PTTG16C2111A, RBF16C2112A, RBF16C2202A, RS16C2112A, RS16C2201A, S5016C2112A, S5016C2112B, S5016C2112C, S5016C2112D, S5016C2203A, S5016P2112A, S5016P2112B, S5016P2112C, S5016P2112D, S5016P2203A, SAWA16C2112A, SAWA16C2202A, SCB16C2111A, SCB16C2112A, SCB16C2201A, SCB16C2202A, SCC16C2112A, SCGP16C2201A, SCGP16C2202A, SPAL16C2202A, SPRC16C2201A, STA16C2112A, STA16C2201A, STEC16C2201A, STGT16C2111A, STGT16C2202A, SYNE16C2202A, TASC16C2201A, TOP16C2112A, TOP16C2202A, TRUE16C2203A, TRUE16C2203A, TU16C2111A, TU16C2202A, WHA16C2202A (underlying securities are ACE, ADVANC, AEONTS, AMATA, AOT, BAM, BANPU, BBL, BCH, BCPG, BEC, BGRIM, CBG, CHG, COM7, CPALL, CPF, CPN, DELTA, DOHOME, DTAC, EA, ESSO, GLOBAL, GPSC, GULF, GUNKUL, HANA, HMPRO, INTUCH, IRPC, IVL, JAS, JMART, JMT, KBANK, KCE, KTC, LH, MAJOR, MEGA, MINT, MTC, OR, PTG, PTL, PTT, PTTEP, PTTGC, RBF, RS, SAWAD, SCB, SCC, SCGP, SPALI, SPRC, SET50, STA, STEC, STGT, SYNTEC, TASCO, TOP, TRUE, TU, WHA). Since TNS covers those underlying securities in research report, consequently TNS incurs conflicts of interest. Moreover, Investors are advised to carefully review the details and information in the prospectus before making investment decisions.

**Note:** Thanachart Securities has an indirect financial interest in Ratchthani Leasing Pcl (THANI). Thanachart Securities Pcl is a subsidiary of Thanachart Capital Pcl (TCAP) which holds more than 56% of the shareholding in Ratchthani Leasing Pcl (THANI).

**Note:** Thanachart Capital Public Company Limited (TCAP), TMBThanachart Bank Public Company Limited (TTB), are related companies to Thanachart Securities Public Company Limited (TNS). Thanachart Securities Pcl is a subsidiary of Thanachart Capital Pcl (TCAP) which holds 20.1% of the shareholding in TMBThanachart Bank Pcl.

Thanachart Capital Public Company Limited (TCAP), Ratchthani Leasing Public Company Limited (THANI), TMB Public Company Limited, MBK PUBLIC COMPANY LIMITED (MBK) and PATUM RICE MILL AND GRANARY PUBLIC COMPANY LIMITED (PRG) are related companies to Thanachart Securities Public Company Limited (TNS). Since TNS covers those securities in research report, consequently TNS incurs conflicts of interest.

# **Disclosure of Interest of Thanachart Securities**

Investment Banking Relationship

Within the preceding 12 months, Thanachart Securities has lead-managed public offerings and/or secondary offerings (excluding straight bonds) of the securities of the following companies: Saksiam Leasing Pcl. (SAK TB), SCG Packaging Pcl (SCGP TB)

#### **Recommendation Structure:**

Recommendations are based on absolute upside or downside, which is the difference between the target price and the current market price. If the upside is 10% or more, the recommendation is BUY. If the downside is 10% or more, the recommendation is SELL. For stocks where the upside or downside is less than 10%, the recommendation is HOLD. 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 the market price and the formal recommendation.

For sectors, an "Overweight" sector weighting is used when we have BUYs on majority of the stocks under our coverage by market cap. "Underweight" is used when we have SELLs on majority of the stocks we cover by market cap. "Neutral" is used when there are relatively equal weightings of BUYs and SELLs.

#### Thanachart Securities Pcl.

Research Team

19 Floor, MBK Tower

444 Phayathai Road, Pathumwan Road, Bangkok 10330

Tel: 662 - 779-9119

Email: thanachart.res@thanachartsec.co.th

# Pimpaka Nichgaroon, CFA

Head of Research Tel: 662-779-9199

pimpaka.nic@thanachartsec.co.th

#### **Pattarawan Wangmingmat**

Senior Technical Analyst Tel: 662-779-9105

pattarawan.wan @than a chart sec. co.th

# Phannarai Tiyapittayarut

Property, Retail
Tel: 662-779-9109
phannarai.von@thanachartsec.co.th

# Sarachada Sornsong

Bank, Finance, Insurance Tel: 662-779-9106 sarachada.sor@thanachartsec.co.th

### Sittichet Rungrassameephat

Analyst, Quantitative Tel: 662-483-8303 sittichet.run@thanachartsec.co.th

# Adisak Phupiphathirungul, CFA

Retail Market Strategy Tel: 662-779-9120 adisak.phu@thanachartsec.co.th

### **Nuttapop Prasitsuksant**

Telecom, Utilities
Tel: 662-483-8296
nuttapop.pra@thanachartsec.co.th

### Rata Limsuthiwanpoom

Auto, Industrial Estate, Media, Prop. Fund Tel: 662-483-8297 rata.lim@thanachartsec.co.th

# Siriporn Arunothai

Small Cap, Healthcare, Hotel Tel: 662-779-9113 siriporn.aru@thanachartsec.co.th

### Thaloengsak Kucharoenpaisan

Analyst, Retail Market Tel: 662-483-8304 thaloengsak.kuc@thanachartsec.co.th

# Chak Reungsinpinya

Energy, Petrochemical, Paper Tel: 662-779-9104 chak.reu@thanachartsec.co.th

#### **Pattadol Bunnak**

Electronics, Food & Beverage, Shipping Tel: 662-483-8298 pattadol.bun@thanachartsec.co.th

### Saksid Phadthananarak

Construction, Transportation Tel: 662-779-9112 saksid.pha@thanachartsec.co.th

# Witchanan Tambamroong

Technical Analyst
Tel: 662-779-9123
witchanan.tam@thanachartsec.co.th