TP: Bt 5.20

Pylon Public Co Ltd (PYLONTB)

Growth secured

Change in Recommendation

Amid concerns over slow new high-rise building project launches, PYON has already secured a record-high backlog value of Bt1.5bn which should lift earnings from 1Q22F onward. While we forecast PYLON's earnings growth at 338/42% y-y in 2022-23F, its share price tumble of 18% from its peak this year offers a good chance to BUY.



SAKSID PHADTHANANARAK

662 - 779 9112 saksid.pha@thanachartsec.co.th

Raising our TP to Bt5.2; upgrading to BUY

Despite the COVID-19 crisis and slow new high-rise building project launches putting demand for piling work under pressure last year, PYLON was able to secure new work, especially from the high-value high-speed train linking three airports and property complex projects, driving its backlog value to a record high of Bt1.5bn at end 2021F. This leads us to revise up our backlog value assumptions by 59-110% to Bt1.5/1.3/1.3bn at end 2021-23F, resulting in our revenue estimates increasing by 9-12% in 2022-23F and our earnings by 19-28%. Our DCF-based 12month TP (2022F base year) is thus raised to Bt5.2/share from Bt4.3 and we upgrade our rating on PYLON to BUY from Hold.

More potential projects in the pipeline

As most of the existing backlog will be recognized as revenue this year, this means that 95% of our 2022F revenue estimate is already secured. We also forecast PYLON to obtain new work with a value of Bt1.4bn this year and Bt1.6bn next year. Besides the Bt1bn-1.2bn of new work PYLON normally gets each year, we assume 1) an additional Bt395m from the Bt79bn South Purple Line, the winning main contractors for which are due to be announced in late 1Q22 while these main contractors should subcontract piling and diaphragm wall work to subcontractors, including PYLON, in 2H22F and 2) Bt480m from the Bt96bn West Orange Line, which we expect to open for bidding late this year with PYLON getting subcontracted work in 2023F.

Margin outlook

There has been concern over rising building material prices and a labor shortage. Despite that, we project PYLON's gross margin to improve from 14% last year to 17% this year and 21% in 2023F (vs. 23-26% during the pre-COVID 2015-19), driven by operating leverage benefits from a higher utilization rate. High building material prices are not management's major concern as the piling construction period is short (two to six months per project) and PYLON locks in the prices when it is awarded projects. The labor shortage issue has also eased as the government has already allowed contractors to bring in foreign workers.

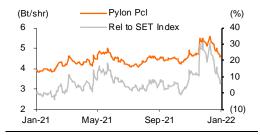
Valuation now looks inexpensive

PYLON's share price has tended to trade at a premium valuation vs. its peers' as it has the strongest profitability profile. We now see the 18% drop in PYLON's share price from its peak this year despite earnings growth of 338% this year and 42% in 2023F as a good opportunity to BUY the stock. PYLON now trades at 22/16x PE multiples in 2022-23F, below its average PE of 24x in the pre-COVID 2015-19 period.

COMPANY VALUATION

Y/E Dec (Bt m)	2020A	2021F	2022F	2023F
Sales	1,415	747	1,531	1,650
Net profit	183	35	154	218
Consensus NP	_	41	176	260
Diff frm cons (%)	_	(13.5)	(12.6)	(16.0)
Norm profit	181	35	154	218
Prev. Norm profit	_	35	120	184
Chg frm prev (%)	_	0.8	27.8	18.5
Norm EPS (Bt)	0.2	0.0	0.2	0.3
Norm EPS grw (%)	(31.4)	(80.6)	337.8	42.1
Norm PE (x)	19.1	98.2	22.4	15.8
EV/EBITDA (x)	10.3	24.0	10.6	7.9
P/BV (x)	3.3	3.5	3.1	2.8
Div yield (%)	3.0	0.5	3.3	4.8
ROE (%)	17.1	3.5	14.7	18.8
Net D/E (%)	(27.8)	(36.2)	(44.4)	(46.9)

PRICE PERFORMANCE



COMPANY INFORMATION

Price as of 28-Jan-22 (Bt)	4.60
Market Cap (US\$ m)	103.3
Listed Shares (m shares)	749.9
Free Float (%)	40.6
Avg Daily Turnover (US\$ m)	0.2
12M Price H/L (Bt)	5.60/3.84
Sector	Construction
Major Shareholder Sanga	rayakul Family 51.5%

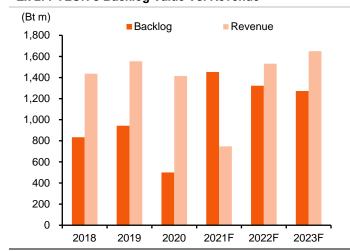
Sources: Bloomberg, Company data, Thanachart estimates

Ex 1: Our Key Assumption Changes

	2019	2020	2021F	2022F	2023F
Backlog value (Bt m)					
New	943	500	1,453	1,322	1,272
Old			691	721	801
Change (%)			110.2	83.3	58.8
Revenue (Bt m)					
New	1,554	1,415	747	1,531	1,650
Old			809	1,370	1,520
Change (%)			(7.7)	11.8	8.6
Normalized profit (Bt m)					
New	278	183	35	154	218
Old			35	120	184
Change (%)			0.8	27.8	18.5

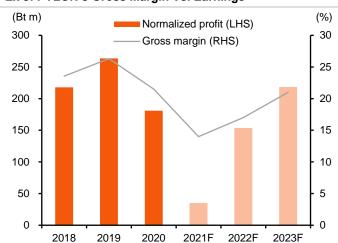
Source: Thanachart estimates

Ex 2: PYLON's Backlog Value Vs. Revenue



Sources: Company data, Thanachart estimates

Ex 3: PYLON's Gross Margin Vs. Earnings



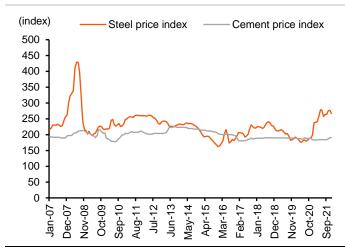
Sources: Company data, Thanachart estimates

Ex 4: Estimated Piling Work Value For PYLON

Project	Total construction value (Bt bn)	Estimated piling value for PYLON (Bt bn)	Estimated year for piling work
South Purple Line	79	0.4	2H22F
Other projects		1.0	2022F
West Orange Line	96	0.5	2H23F
Other projects		1.1	2023F

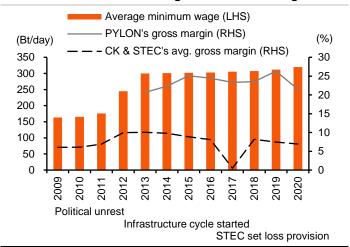
Sources: Thanachart estimates

Ex 5: Steel & Cement Price Index



Source: Ministry of Commerce

Ex 6: Contractors' Gross Margin Vs. Minimum Wages



Sources: NESDC, Company data, Thanachart estimates

Ex 7: 12-month DCF-based TP Calculation Using A Base Year Of 2022F

(Bt m)		2022F	2023F	2024F	2025F	2026F	2027F	2028F	2029F	2030F	2031F	2032F	Terminal Value
EBITDA		239	323	385	399	406	414	421	428	435	442	449	_
Free cash flow		88	216	213	255	271	278	285	293	300	307	314	4,018
PV of free cash flow		87	182	165	181	172	162	151	142	133	124	110	1,413
Risk-free rate (%)	2.5												
Market risk premium (%)	8.0												
Beta	0.9												
WACC (%)	9.0												
Terminal growth (%)	2.0												
Enterprise value - add investments	3,494												
Net debt (2021F)	(353)												
Minority interest	-												
Equity value	3,847												
# of shares (m)*	750												
Target price/share (Bt)	5.2												

Sources: Company data, Thanachart estimates

Valuation Comparison

Ex 8: Peer Valuation Comparison

		Current	EPS g	rowth	—— РІ	E ——	— Р/В	v —	EV/E	BITDA	— Div y	ield —
Name	BBG code	Price	21F	22F	21F	22F	21F	22F	21F	22F	21F	22F
		(Bt)	(%)	(%)	(x)	(x)	(x)	(x)	(x)	(x)	(%)	(%)
Italian-Thai Devel.	ITD TB	2.08	44.8	62.5	na	na	0.9	0.9	17.0	14.8	na	na
Sriracha Construction	SRICHA TB	15.0	165.8	18.9	12.3	10.3	2.7	2.6	7.7	6.5	7.0	8.0
Unique Engineering	UNIQ TB	5.55	(75.5)	280.0	111.0	29.2	na	na	10.9	9.6	na	na
CH Karnchang*	СК ТВ	21.00	(49.5)	254.5	208.8	58.9	1.4	1.3	na	212.8	0.8	0.7
Pylon Pcl*	PYLON TB	4.60	(80.6)	337.8	98.2	22.4	3.5	3.1	24.0	10.6	0.5	3.3
Seafco Pcl*	SEAFCO TB	4.38	na	na	na	55.0	2.2	2.1	29.8	13.6	0.0	0.0
Sino Thai Eng. & Cons*	STEC TB	14.20	(31.1)	48.1	36.2	24.5	1.5	1.4	8.9	6.7	0.8	1.4
Average			(4.4)	167.0	93.3	33.4	2.0	1.9	16.4	39.2	1.8	2.7

Source: Bloomberg

Note: * Thanachart estimates using normalized EPS growth

Based on 28-Jan-22 closing prices

COMPANY DESCRIPTION

Pylon Public Company Limited (PYLON) was incorporated in 2002. The company provides construction services related to foundation work with three product lines: bored piling, diaphragm wall and ground improvement by jet grouting. At end 2020, PYLON had 30 sets of piling machines.

Source: Thanachart

THANACHART'S SWOT ANALYSIS

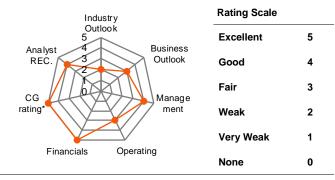
S — Strength

- Its 14 years of experience, knowledge and innovation allow the company to qualify for almost all kinds of foundation work.
- Cost competitiveness due to economies of scale and strong cost management.
- Robust financial position with a net cash position.

Opportunity

- Thailand is entering a new multi-year infrastructure investment cycle.
- High-rise building trend in Bangkok given rising land costs.
- Thick and very soft clay terrain in Bangkok requires more piling foundation work.

COMPANY RATING



Source: Thanachart; * CG Rating

W — Weakness

- The business is capital intensive and requires high asset utilization.
- Bored piling work requires high reliability.
- Capacity constraints to fully enjoy the massive infrastructure investment cycle.

T — Threat

- Political instability causing delays to Thailand's new investment cycle and private construction projects.
- High volatility for steel and cement prices over short periods of time.

CONSENSUS COMPARISON

	Consensus	Thanachart	Diff
Target price (Bt)	5.78	5.20	-10%
Net profit 21F (Bt m)	41	35	-14%
Net profit 22F (Bt m)	176	154	-13%
Consensus REC	BUY: 2	HOLD: 5	SELL: 1

HOW ARE WE DIFFERENT FROM THE STREET?

- Our earnings estimate for 2022F is 13% lower than the Bloomberg consensus forecast, which we believe is because we have a more conservative view on revenue and gross margin.
- Our DCF-based TP is also lower than the Street's, following our lower earnings projection.

RISKS TO OUR INVESTMENT CASE

- Delays to the government's infrastructure projects and highrise building project launches could impact our new work value assumptions.
- Delays could also hurt PYLON's gross margins given its high operating leverage.
- Fluctuations in building material prices over short periods of time also presents a major risk to our gross margin projections.
- Construction site lockdowns due to the COVID-19 pandemic also presents a major risk to our earnings forecast.

Sources: Bloomberg consensus, Thanachart estimates

Source: Thanachart

INCOME STATEMENT

FY ending Dec (Bt m)	2019A	2020A	2021F	2022F	2023F
Sales	1,554	1,415	747	1,531	1,650
Cost of sales	1,145	1,111	642	1,271	1,304
Gross profit	409	304	105	260	347
% gross margin	26.3%	21.5%	14.0%	17.0%	21.0%
Selling & administration expenses	100	96	71	77	83
Operating profit	309	208	34	184	264
% operating margin	19.9%	14.7%	4.5%	12.0%	16.0%
Depreciation & amortization	86	98	96	96	99
EBITDA	395	306	129	280	363
% EBITDA margin	25.4%	21.7%	17.3%	18.3%	22.0%
Non-operating income	9	10	9	9	10
Non-operating expenses	0	0	0	0	0
Interest expense	(3)	(4)	(1)	(1)	(1)
Pre-tax profit	314	214	41	192	273
Income tax	51	33	6	38	55
After-tax profit	264	181	35	154	218
% net margin	17.0%	12.8%	4.7%	10.0%	13.2%
Shares in affiliates' Earnings	0	0	0	0	0
Minority interests	0	0	0	0	0
Extraordinary items	14	2	0	0	0
NET PROFIT	278	183	35	154	218
Normalized profit	264	181	35	154	218
EPS (Bt)	0.4	0.2	0.0	0.2	0.3
Normalized EPS (Bt)	0.4	0.2	0.0	0.2	0.3

We expect PYLON's current high backlog value to boost earnings in 2022-23F

Low inventory business days allow low debt but decent ROE

BALANCE SHEET					
FY ending Dec (Bt m)	2019A	2020A	2021F	2022F	2023F
ASSETS:					
Current assets:	1,024	718	674	968	1,095
Cash & cash equivalent	326	343	375	515	590
Account receivables	638	329	245	398	452
Inventories	59	44	53	52	50
Others	1	2	1	2	3
Investments & loans	0	0	0	0	0
Net fixed assets	645	505	432	378	362
Other assets	20	97	99	121	125
Total assets	1,689	1,321	1,205	1,467	1,581
LIABILITIES:					
Current liabilities:	535	190	149	242	248
Account payables	388	116	88	174	179
Bank overdraft & ST loans	67	19	8	8	7
Current LT debt	23	18	7	7	7
Others current liabilities	57	37	45	52	56
Total LT debt	32	15	6	6	6
Others LT liabilities	56	69	74	106	112
Total liabilities	622	274	229	354	365
Minority interest	0	0	0	0	0
Preferreds shares	0	0	0	0	0
Paid-up capital	375	375	375	375	375
Share premium	154	154	154	154	154
Warrants	0	0	0	0	0
Surplus	(6)	(6)	(6)	(6)	(6)
Retained earnings	544	523	454	590	693
Shareholders' equity	1,067	1,047	977	1,113	1,216
Liabilities & equity	1,689	1,321	1,205	1,467	1,581
Courses: Company data Thansahart activ	mataa				

Sources: Company data, Thanachart estimates

CASH FLOW STATEMENT

FY ending Dec (Bt m)	2019A	2020A	2021F	2022F	2023F
Earnings before tax	314	214	41	192	273
Tax paid	(38)	(45)	(3)	(38)	(53)
Depreciation & amortization	86	98	96	96	99
Chg In w orking capital	(21)	52	47	(66)	(47)
Chg In other CA & CL / minorities	(69)	(7)	6	6	1
Cash flow from operations	272	312	187	189	273
Capex	(202)	41	(20)	(40)	(80)
Right of use	0	(78)	(3)	(3)	(3)
ST loans & investments	0	0	0	0	0
LT loans & investments	0	0	0	0	0
Adj for asset revaluation	0	0	0	0	0
Chg In other assets & liabilities	70	15	3	11	2
Cash flow from investments	(131)	(22)	(20)	(32)	(81)
Debt financing	56	(70)	(30)	(0)	(2)
Capital increase	0	0	0	0	0
Dividends paid	(75)	(202)	(105)	(18)	(115)
Warrants & other surplus	(2)	(1)	0	0	0
Cash flow from financing	(21)	(273)	(135)	(18)	(117)
Free cash flow	70	353	167	149	193

VALUATION

FY ending Dec	2019A	2020A	2021F	2022F	2023F
Normalized PE (x)	13.1	19.1	98.2	22.4	15.8
Normalized PE - at target price (x)	14.8	21.6	111.0	25.4	17.8
PE(x)	12.4	18.9	98.2	22.4	15.8
PE - at target price (x)	14.0	21.4	111.0	25.4	17.8
EV/EBITDA (x)	8.2	10.3	24.0	10.6	7.9
EV/EBITDA - at target price (x)	9.4	11.8	27.4	12.2	9.2
P/BV (x)	3.2	3.3	3.5	3.1	2.8
P/BV - at target price (x)	3.7	3.7	4.0	3.5	3.2
P/CFO (x)	12.7	11.1	18.5	18.2	12.6
Price/sales (x)	2.2	2.4	4.6	2.3	2.1
Dividend yield (%)	5.9	3.0	0.5	3.3	4.8
FCF Yield (%)	2.0	10.2	4.8	4.3	5.6
(Bt)					
Normalized EPS	0.4	0.2	0.0	0.2	0.3
EPS	0.4	0.2	0.0	0.2	0.3
DPS	0.3	0.1	0.0	0.2	0.2
BV/share	1.4	1.4	1.3	1.5	1.6
CFO/share	0.4	0.4	0.2	0.3	0.4
FCF/share	0.1	0.5	0.2	0.2	0.3

COVID 2015-19 period

... falling to 16x in 2023F versus 24x in the pre-

Valuation now looks inexpensive to us at 22x

PE in 2022F...

Sources: Company data, Thanachart estimates

FINANCIAI RATIOS

HNANCIAL RATIOS					
FY ending Dec	2019A	2020A	2021F	2022F	2023F
Growth Rate					
Sales (%)	8.2	(8.9)	(47.2)	105.0	7.8
Net profit (%)	27.5	(34.2)	(80.8)	337.8	42.1
EPS (%)	27.5	(34.2)	(80.8)	337.8	42.1
Normalized profit (%)	21.1	(31.4)	(80.6)	337.8	42.1
Normalized EPS (%)	21.1	(31.4)	(80.6)	337.8	42.1
Dividend payout ratio (%)	72.9	57.5	50.0	75.0	75.0
Operating performance					
Gross margin (%)	26.3	21.5	14.0	17.0	21.0
Operating margin (%)	19.9	14.7	4.5	12.0	16.0
EBITDA margin (%)	25.4	21.7	17.3	18.3	22.0
Net margin (%)	17.0	12.8	4.7	10.0	13.2
D/E (incl. minor) (x)	0.1	0.0	0.0	0.0	0.0
Net D/E (incl. minor) (x)	(0.2)	(0.3)	(0.4)	(0.4)	(0.5)
Interest coverage - EBIT (x)	101.3	50.1	26.0	243.0	324.5
Interest coverage - EBITDA (x)	129.5	73.8	100.1	370.0	445.8
ROA - using norm profit (%)	18.0	12.0	2.8	11.5	14.3
ROE - using norm profit (%)	27.3	17.1	3.5	14.7	18.8
DuPont					
ROE - using after tax profit (%)	27.3	17.1	3.5	14.7	18.8
- asset turnover (x)	1.1	0.9	0.6	1.1	1.1
- operating margin (%)	20.4	15.4	5.7	12.6	16.6
- leverage (x)	1.5	1.4	1.2	1.3	1.3
- interest burden (%)	99.0	98.1	97.0	99.6	99.7
- tax burden (%)	83.9	84.7	85.0	80.0	80.0
WACC (%)	9.0	9.0	9.0	9.0	9.0
ROIC (%)	35.7	20.4	3.8	23.6	34.1
NOPAT (Bt m)	259	176	29	147	211
invested capital (Bt m)	863	756	623	619	645

We forecast low gearing but decent ROE

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 116 Derivative Warrants which are ACE16C2201A, ACE16C2202A, ADVA16C2201A, ADVA16C2202A, AEON16C2201A, AEON16C2201B, AOT16C2204A, AOT16C2202A, BAM16C2204A, BANP16C2204A, BANP16C2201A, BANP16C2202A, BBL16C2204A, BBL16C2201A, BBL16C2203A, BCH16C2201A, BCH16C2203A, BEC16C2202A, BGRI16C2205A, CBG16C2204A, CBG16C2201A, CBG16C2202A, CHG16C2202A, COM716C2203A, CPAL16C2204A, CPAL16C2203A, CPF16C2205A, CPN16C2202A, CRC16C2204A, DELT16C2202A, DELT16C2203A, DOHO16C2202A, EA16C2205A, EA16C2201A, ESSO16C2202A, GLOB16C2201A, GLOB16C2203A, GPSC16C2205A, GPSC16C2201A, GPSC16C2201B, GPSC16C2203A, GULF16C2202A, GUNK16C2205A, GUNK16C2201A, GUNK16C2203A, HANA16C2204A, HANA16C2202A, HMPR16C2202A, INTU16C2201A, INTU16C2202A, IVL16C2202A, JAS16C2202A, JMAR16C2205A, JMAR16C2201A, JMAR16C2202A, JMT16C2205A, JMT16C2201A, JMT16C2203A, KBAN16C2201A, KBAN16C2202A, KCE16C2205A, KCE16C2201A, KTC16C2202A, LH16C2202A, MAJO16C2201A, MINT16C2204A, MINT16C2203A, MTC16C2202A, MTC16C2202A, OR16C2202A, OR16C2203A, PTG16C2201A, PTG16C2202A, PTG16C2203A, PTL16C2201A, PTL16C2202A, PTL16C2202B, PTT16C2201A, PTT16C2203A, PTTE16C2203A, PTTE16C220A, PTTE16C2A, PTTE16C2A, PTTE16C2A, PTTE16C2A, PTTE16C2A, PTTE16C2A, PTTE16C2A, P RBF16C2202A, RS16C2205A, RS16C2201A, S5016P2203B, S5016C2112A, S5016C2112B, S5016C2112C, S5016C2112D, S5016C2203A, S5016P2112B, S5016P2112B, S5016P2112C, S5016P2112D, S5016P2203A, SAWA16C2204A, SAWA16C2202A, SCB16C2201A, SCB16C2202A, SCC16C2204A, SCGP16C2201A, SCGP16C2202A, SPAL16C2202A, SPRC16C2201A, STA16C2203A, STA16C2201A, STEC16C2204A, STEC16C2201A, STGT16C2202A, SYNE16C2202A, TASC16C2201A, TOP16C2202A, TRUE16C2202A, TRUE16C2203A, TU16C2204A, TU16C2202A, WHA16C2202A (underlying securities are ACE, ADVANC, AEONTS, AMATA, AOT, BAM, BANPU, BBL, BCH, BEC, BGRIM, CBG, CHG, COM7, CPALL, CPF, CPN, CRC, 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, 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 21.2% 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@thanachartsec.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

Witchanan Tambamroong

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

Sittichet Rungrassameephat

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

Chak Reungsinpinya

Thematic Research, 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

Yupapan Polpornprasert

Energy, Petrochemical Tel: 662-779-9110 yupapan.pol@thanachartsec.co.th

Thaloengsak Kucharoenpaisan

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