Ch. Karnchang Pcl (СКТВ)

Factoring in West Orange Line

Factoring in the West Orange Line project, we raise our new work value for CK by 100% in 2022F, our earnings by 1-7% in 2022-23F, and TP to Bt26. With the highest earnings growth of 29-120% in 2021-23F among peers while its shares are still trading at a 48% discount to its associates' market value, CK is now our top sector pick.



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The West Orange Line project

The bid for the construction and operation of the West Orange Line project (Bt127bn) opened in late 2020 but it was cancelled due to a change in the bidding method by the project owner, the Mass Rapid Transit Authority (MRTA), causing one bidder to take the case to court. The court's decision is still pending but we expect MRTA to relaunch the bid by next year as 1) we see infrastructure projects as one of the government's economic stimulus measures after COVID subsides, 2) the West Orange Line will be implemented under the public-private partnership scheme, so it will not burden the government's budget and 3) the bidding delay will mean there is no operator for the East Orange Line which is due to be completed in 2023 and the government will have to pay Bt150-200m a year for maintenance.

Raising our TP to Bt26; reaffirming BUY call

We take the view that BEM will win this project given its operational advantages (it is the only subway operator in Thailand), its lower costs (economies of scale) and construction capabilities (its parent firm, CK, is one of two contractors that have experience in building subways). BEM would then subcontract the construction work to CK. Factoring in this Bt96bn of work, we raise our earnings for CK by 1-7% over 2022-23F. Rolling over of the base year in our model to 2022F, we lift our DCF-derived SOTP-based 12-month TP to Bt26/share from Bt24 and reaffirm our BUY rating on CK. Please note that we assume no new infrastructure project bids open in 2023F due to the election year but that accumulated backlog value in 2021-22F is large enough to still drive CK's earnings growth by 29% in 2023F.

48% discount to associates' value

CK is now our top sector prick as, among the contractors we cover, we estimate it to offer the highest earnings growth of 29-120% in 2021-23F driven by its high new work value and earnings contributions from its associates. Its valuation also looks cheap to us with the shares trading at a 48% discount to its associates' market value (see Exhibit 5). We believe this is because of operating losses of the construction business. However, with the construction business's earnings recovery driven by high new work value, we expect the discount to narrow.

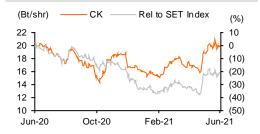
Short-term catalyst

We expect a short-term catalyst for contractor stocks including CK from the MRTA scheduling to open bids for the South Purple Line project (Bt108bn). The announcement of the term of reference (TOR) is planned for 5 July this year, the submission of bids in October and the announcement of the winners early next year. We have factored in CK winning 25% of the value.

COMPANY VALUATION

Y/E Dec (Bt m)	2020A	2021F	2022F	2023F
Sales	16,941	13,842	18,722	26,611
Net profit	612	742	1,099	1,416
Consensus NP	_	878	1,462	1,872
Diff frm cons (%)	_	(15.4)	(24.8)	(24.4)
Norm profit	337	742	1,099	1,416
Prev. Norm profit	_	743	1,090	1,323
Chg frm prev (%)	_	(0.1)	0.8	7.0
Norm EPS (Bt)	0.20	0.44	0.65	0.84
Norm EPS grw (%)	(65.0)	120.3	48.1	28.8
Norm PE (x)	99.5	45.2	30.5	23.7
EV/EBITDA (x)	227.7	1,022.7	205.4	86.9
P/BV (x)	1.3	1.3	1.2	1.2
Div yield (%)	1.0	0.9	1.3	1.7
ROE (%)	1.3	2.8	4.1	5.1
Net D/E (%)	131.8	124.6	115.0	104.5

PRICE PERFORMANCE



COMPANY INFORMATION

Price as of 21-Jun-21 (Bt)	19.80
Market Cap (US\$ m)	1,066.4
Listed Shares (m shares)	1,693.9
Free Float (%)	65.1
Avg Daily Turnover (US\$ m)	9.1
12M Price H/L (Bt)	21.00/14.30
Sector	Construction
Major Shareholder	Trivisvavet group 38.5%

Sources: Bloomberg, Company data, Thanachart estimates

Thanachart Securities

Ex 1: Key Assumption Changes

	2021F	2022F	2023F
New work value (Bt bn)			
New	29.0	200.0	10.0
Old	25.0	100.0	25.0
Change (%)	16.0	100.0	(60.0)
Normalized earnings (Bt m)			
New	742	1099	1,416
Old	743	1,090	1,323
Change (pp)	(0.1)	0.8	7.0

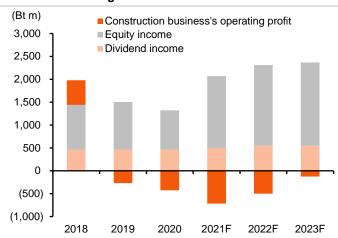
Sources: Thanachart estimates

Ex 2: CK's Potential New Work Value

	Construction	Chance	New work in	New work in	New work in	New work in
Project	Value (Bt bn)	(%)	2021F (Bn)	2022F (Bn)	2023F (Bn)	2024F (Bn)
Backlog value as of January 2021			26			
Newly signed contracts						
Water Transmission Tunnel			5			
Maintenance of BMCL's structures			1			
To be signed contracts						
Double-track Denchai - Chiang Khong			23			
Potential projects						
South Purple Line	79	25	-	20	-	-
West Orange Line	96	100	-	96	-	-
Red Line Extension	67	25	-	-	-	17
Double-track Chira – Ubon	36	5	-	2	-	-
Double-track Khon Kaen - Nong Khai	25	5	-	1	-	-
Luang Prabang Hydropower Plant	81	100	-	81	-	-
Others	-	-	-	-	10	10
Total new work value	384		29	200	10	27

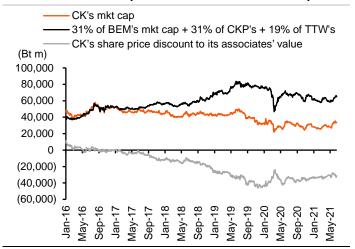
Sources: Company data, Thanachart estimates

Ex 3: CK's Earnings Breakdown



Sources: Company data, Thanachart estimates

Ex 4: CK's Market Cap Vs. Its Associates' Market Cap



Source: Bloomberg

Ex 5: Our SOTP-Based Investment Equity Valuation Of CK

	% holding	Our TP	Fair value (Bt m)	30% discount* (Bt m)	Share price (Bt/share)	Market value (Bt m)
TTW	19.4%	14.00	10,837	7,586	12.00	9,289
BEM	31.3%	11.50	55,054	38,537	8.55	40,931
CKP	30.7%	7.50	18,700	13,090	5.65	14,087
Total			84,590	59,213		64,307
Per CK sha	re (Bt)		50.0	35.0		38.0
Construction business's value (Bt)			(9.0)			
Our TP (Bt)				26.0		

Sources: Company data, Thanachart estimates

Note: *We assume a holding company discount of 30% to our fair value of CK's associates.

Ex 6: EV Of Construction Business

(Bt m)		2022F	2023F	2024F	2025F	2026F	2027F	2028F	2029F	2030F	2031F	2032F	Value
EBITDA		317	728	901	1,177	1,522	1,635	1,317	1,085	726	771	807	_
Free cash flow		552	938	1,221	1,467	1,040	1,452	1,828	1,795	1,924	1,726	1,344	22,178
PV of free cash flow		550	815	990	1,089	717	929	1,086	990	985	786	566	9,335
Risk-free rate (%)	2.5												
Market risk premium (%)	8.0												
Beta	1.0												
WACC (%)	7.3												
Terminal growth (%)	2.0												
Enterprise value - add													
investments	18,838												
Net debt (2021F)	33,245												
Minority interest	436												

of shares (m) 1,694
Equity value/share (Bt) (8.8)

(14,843)

Equity value

Sum of the parts	% holding	(Bt m)
Enterprise value from construction business		18,838
Investment equity value		59,213
TTW	19.4%	7,586
BEM	31.3%	38,537
CKP	30.7%	13,090
Total enterprise value		78,051
(Less) Net debt		(33,245)
(Less) Minority interest		(436)
Total enterprise value		44,370
# of shares (fully diluted) (m shares)		1,694
Sum of the parts		26

Sources: Company data, Thanachart estimates

COMPANY DESCRIPTION

Ch. Karnchang PcI (CK) is one of Thailand's leading contractors and basic infrastructure developers. It has more than 30 years of experience in constructing large-scale infrastructure, building complexes and general civil work. The company has also been investing in the government's concession projects in order to expand its operations and generate steady long-term income.

Source: Thanachart

THANACHART'S SWOT ANALYSIS

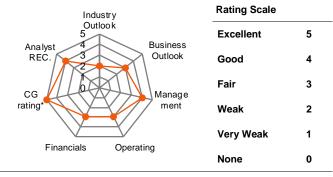
S — Strength

- One of the Big Four contractors in Thailand and categorized as class-A in terms of being qualified to bid for most largescale investments.
- Business diversification into infrastructure investments to stabilize its long-term earnings.

Opportunity

- Thailand is in the middle of the infrastructure investment cycle.
- Its exposure to high-potential projects abroad, especially hydroelectric work in Laos.

COMPANY RATING



Source: Thanachart; * CG Rating

W - Weakness

- Most of CK's revenues come from projects it has to bid for, and there are no guarantees it will win these bids.
- CK's interest expenses are high, leading to a significant risk of earnings losses if revenues fall.
- The construction business is labour-intensive, so there are risks of higher labor costs and labor shortages.

T — Threat

- The Covid-19 impacts and the government's time-consuming implementation processes could cause delays to Thailand's infrastructure investment.
- Volatility in building material prices is another risk.

CONSENSUS COMPARISON

	Consensus	Thanachart	Diff
Target price (Bt)	22.63	26.00	15%
Net profit 21F (Bt m)	878	742	-15%
Net profit 22F (Bt m)	1,462	1,099	-25%
Consensus REC	BUY: 17	HOLD: 0	SELL: 0

HOW ARE WE DIFFERENT FROM THE STREET?

- Our 2021-22F earnings are 15-25% lower than the Bloomberg consensus estimates, which we believe is due to us having a more conservative view on revenue and gross margin.
- However, our SOTP-based TP is 15% higher than other brokers', which we attribute to us having a more bullish view on its associates' business prospects.

RISKS TO OUR INVESTMENT CASE

- The key downside risk to our call would be if the government's infrastructure investment projects cannot be implemented, as this would likely prompt us to adjust down our new work value assumptions.
- Building material expenses account for 50-60% of CK's total costs. Therefore, adverse fluctuations in prices present another downside risk to our earnings forecasts.
- The weak economy could have a significant negative impact upon people's confidence and new investments.

Sources: Bloomberg consensus, Thanachart estimates

Source: Thanachart

INCOME STATEMENT

FY ending Dec (Bt m)	2019A	2020A	2021F	2022F	2023F
Sales	23,189	16,941	13,842	18,722	26,611
Cost of sales	21,028	15,341	12,661	17,124	24,340
Gross profit	2,161	1,601	1,181	1,598	2,271
% gross margin	9.3%	9.4%	8.5%	8.5%	8.5%
Selling & administration expenses	2,430	2,027	1,896	2,097	2,395
Operating profit	(268)	(427)	(715)	(499)	(124)
% operating margin	-1.2%	-2.5%	-5.2%	-2.7%	-0.5%
Depreciation & amortization	526	726	780	816	852
EBITDA	258	299	65	317	728
% EBITDA margin	1.1%	1.8%	0.5%	1.7%	2.7%
Non-operating income	1,560	1,226	1,190	1,141	1,065
Non-operating expenses	0	0	0	0	0
Interest expense	(1,226)	(1,276)	(1,291)	(1,290)	(1,323)
Pre-tax profit	65	(477)	(816)	(648)	(382)
Income tax	126	28	0	0	0
After-tax profit	(61)	(505)	(816)	(648)	(382)
% net margin	-0.3%	-3.0%	-5.9%	-3.5%	-1.4%
Shares in affiliates' Earnings	1,039	857	1,571	1,764	1,821
Minority interests	(15)	(15)	(12)	(16)	(23)
Extraordinary items	815	275	0	0	0
NET PROFIT	1,778	612	742	1,099	1,416
Normalized profit	963	337	742	1,099	1,416
EPS (Bt)	1.0	0.4	0.4	0.6	8.0
Normalized EPS (Bt)	0.6	0.2	0.4	0.6	8.0

We forecast CK's earnings to recover this year...

...driven by higher earnings contributions from its associates

We also expect a recovery in CK's construction business...

...driving further earnings growth in 2022-23F

BALANCE SHEET

FY ending Dec (Bt m)	2019A	2020A	2021F	2022F	2023F
ASSETS:					
Current assets:	18,953	19,834	17,756	21,350	26,827
Cash & cash equivalent	9,160	7,767	7,500	7,500	7,500
Account receivables	3,643	3,659	3,223	4,360	6,197
Inventories	3,751	5,757	4,856	6,568	9,002
Others	2,400	2,650	2,177	2,922	4,127
Investments & loans	51,255	50,366	47,866	45,366	42,866
Net fixed assets	11,164	11,194	11,214	11,197	11,145
Other assets	1,213	1,381	1,155	1,523	2,114
Total assets	82,586	82,774	77,991	79,436	82,953
LIABILITIES:					
Current liabilities:	17,909	14,758	11,637	12,824	15,580
Account payables	13,950	10,631	7,631	8,914	11,670
Bank overdraft & ST loans	1,874	147	0	0	0
Current LT debt	1,525	3,670	3,667	3,523	3,356
Others current liabilities	559	309	339	388	555
Total LT debt	33,605	38,586	37,078	35,620	33,932
Others LT liabilities	3,259	3,160	2,590	3,487	4,937
Total liabilities	54,773	56,503	51,305	51,932	54,448
Minority interest	420	424	436	452	476
Preferreds shares	0	0	0	0	0
Paid-up capital	1,694	1,694	1,694	1,694	1,694
Share premium	4,869	4,869	4,869	4,869	4,869
Warrants	0	0	0	0	0
Surplus	6,341	4,572	4,572	4,572	4,572
Retained earnings	14,488	14,711	15,115	15,917	16,893
Shareholders' equity	27,393	25,847	26,250	27,052	28,029
Liabilities & equity	82,586	82,774	77,991	79,436	82,953

Sources: Company data, Thanachart estimates

CASH FLOW STATEMENT

FY ending Dec (Bt m)	2019A	2020A	2021F	2022F	2023F
Earnings before tax	65	(477)	(816)	(648)	(382)
Tax paid	(121)	(51)	5	(0)	8
Depreciation & amortization	526	726	780	816	852
Chg In w orking capital	2,165	(5,342)	(1,664)	(1,566)	(1,516)
Chg In other CA & CL / minorities	3,212	461	2,069	1,067	776
Cash flow from operations	5,847	(4,683)	375	(331)	(263)
Capex	(1,902)	(756)	(800)	(800)	(800)
Right of use	0	(121)	(5)	(5)	(5)
ST loans & investments	214	(8)	0	0	0
LT loans & investments	(5,165)	889	2,500	2,500	2,500
Adj for asset revaluation	0	0	0	0	0
Chg In other assets & liabilities	730	45	(339)	534	863
Cash flow from investments	(6,124)	49	1,356	2,229	2,558
Debt financing	308	5,399	(1,659)	(1,602)	(1,856)
Capital increase	0	0	0	0	0
Dividends paid	(847)	(339)	(339)	(297)	(440)
Warrants & other surplus	1,041	(1,819)	0	0	0
Cash flow from financing	502	3,241	(1,997)	(1,899)	(2,295)
Free cash flow	3,945	(5,439)	(425)	(1,131)	(1,063)

CK now trades 48% below its associates' market value...

...which we believe is unjustified

VALUATION					
FY ending Dec	2019A	2020A	2021F	2022F	2023F
Normalized PE (x)	34.8	99.5	45.2	30.5	23.7
Normalized PE - at target price (x)	45.7	130.7	59.3	40.1	31.1
PE(x)	18.9	54.8	45.2	30.5	23.7
PE - at target price (x)	24.8	71.9	59.3	40.1	31.1
EV/EBITDA (x)	238.1	227.7	1,022.7	205.4	86.9
EV/EBITDA - at target price (x)	278.8	262.7	1,183.6	238.5	101.3
P/BV (x)	1.2	1.3	1.3	1.2	1.2
P/BV - at target price (x)	1.6	1.7	1.7	1.6	1.6
P/CFO (x)	5.7	(7.2)	89.5	(101.4)	(127.7)
Price/sales (x)	1.4	2.0	2.4	1.8	1.3
Dividend yield (%)	2.0	1.0	0.9	1.3	1.7
FCF Yield (%)	11.8	(16.2)	(1.3)	(3.4)	(3.2)
(Bt)					
Normalized EPS	0.6	0.2	0.4	0.6	0.8
EPS	1.0	0.4	0.4	0.6	0.8
DPS	0.4	0.2	0.2	0.3	0.3
BV/share	16.2	15.3	15.5	16.0	16.5
CFO/share	3.5	(2.8)	0.2	(0.2)	(0.2)
FCF/share	2.3	(3.2)	(0.3)	(0.7)	(0.6)

Sources: Company data, Thanachart estimates

FINANCIAL RATIOS

THE TOTAL TOTAL TOTAL					
FY ending Dec	2019A	2020A	2021F	2022F	2023F
Growth Rate					
Sales (%)	(21.4)	(26.9)	(18.3)	35.3	42.1
Net profit (%)	(28.7)	(65.6)	21.3	48.1	28.8
EPS (%)	(28.7)	(65.6)	21.3	48.1	28.8
Normalized profit (%)	(37.9)	(65.0)	120.3	48.1	28.8
Normalized EPS (%)	(37.9)	(65.0)	120.3	48.1	28.8
Dividend payout ratio (%)	38.1	55.3	40.0	40.0	40.0
Operating performance					
Gross margin (%)	9.3	9.4	8.5	8.5	8.5
Operating margin (%)	(1.2)	(2.5)	(5.2)	(2.7)	(0.5)
EBITDA margin (%)	1.1	1.8	0.5	1.7	2.7
Net margin (%)	(0.3)	(3.0)	(5.9)	(3.5)	(1.4)
D/E (incl. minor) (x)	1.3	1.6	1.5	1.4	1.3
Net D/E (incl. minor) (x)	1.0	1.3	1.2	1.2	1.0
Interest coverage - EBIT (x)	na	na	na	na	na
Interest coverage - EBITDA (x)	0.2	0.2	0.1	0.2	0.6
ROA - using norm profit (%)	1.2	0.4	0.9	1.4	1.7
ROE - using norm profit (%)	3.6	1.3	2.8	4.1	5.1
DuPont					
ROE - using after tax profit (%)	na	na	na	na	na
- asset turnover (x)	0.3	0.2	0.2	0.2	0.3
- operating margin (%)	5.6	na	na	na	na
- leverage (x)	3.1	3.1	3.1	3.0	2.9
- interest burden (%)	5.1	(59.6)	(171.7)	(100.9)	(40.6)
- tax burden (%)	na	na	na	na	na
WACC (%)	7.3	7.3	7.3	7.3	7.3
ROIC (%)	0.5	(8.0)	(0.9)	(0.7)	(0.2)
NOPAT (Bt m)	250	(427)	(572)	(399)	(99)
invested capital (Bt m)	55,237	60,483	59,495	58,695	57,816

We expect net D/E ratio to fall further to 1.2x this year and 1.0x in 2023F from 2.7x in 2011

Sources: Company data, Thanachart estimates

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Note: Thanachart Securities Public Company Limited act as a Market Maker and Derivative Warrants Issuer. At present, TNS has issued 74 Derivative Warrants which are ADVA16C2107A, AEON16C2108A, AOT16C2109A, AOT16C2106A, BAM16C2110A, BAM16C2107A, BANP16C2109A, BANP16C2107A, BBL16C2106A, BCH16C2109A, BDMS16C2109A, BDMS16C2107A, BGRI16C2110A, BH16C2109A, BPP16C2106A, CBG16C2109B, CBG16C2109A, CBG16C2109A, CBG16C2108A, COM716C2107A, CPAL16C2109A, CPAL16C2106A, CPF16C2108A, CPF16C2107A, CPN16C2109A, DELT16C2109A, DELT16C2108A, EA16C2108A, EA16C2107A, EPG16C2109A, GPSC16C2109A, GPSC16C2109A, GPSC16C2106A, GULF16C2107A, GUNK16C2108A, HANA16C2107A, IRPC16C2108A, IVL16C2107A, KBAN16C2109A, KBAN16C2108A, KBAN16C2107A, KCE16C2109A, KTC16C2110A, IVL16C2109A, KCE16C2106A, KTC16C2106A, MINT16C2109A, MINT16C2107A, MTC16C2109A, MTC16C2108A, OR16C2109A, OR16C2108A, OR16C2108A, OR16C2107A, PRM16C2109A, PTG16C2109A, PTG16C2107A, PTT16C2109A, PTT16C2109A, PTTG16C2108A, RS16C2109A, RS16C2108A, S5016C2109A, S5016P2109A, S5016P2109A, S5016C2109A, S5016C2106B, S5016P2106C, S5016C2106A, S5016P2106A, S5016P2106B,SAWA16C2107A, SCB16C2106A, SCGP16C2109A, SCGP16C2107A, STA16C2107A, TASC16C2109A, TASC16C2107A, TQM16C2108A (underlying securities are ADVANC, AEONTS, AOT, BAM, BANPU, BBL, BCH, BDMS, BGRIM, BH, BPP, CBG, COM7, CPALL, CPF, CPN, DELTA, EA, EPG, GLOBAL, GPSC, GULF, GUNKUL, HANA, IRPC, IVL, KBANK, KCE, KKP, KTC, MINT, MTC, OR, PRM, PTG, PTT, PTTGC, RS, SAWAD, SCB, SCGP, STA, SET50, TASCO, TQM).. 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), TMB Bank Public Company Limited (TMB), 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 TMB 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.

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