

27 February 2020

Thailand Company Update

Energy | Refineries & Petrochemicals

Buy (Maintained)

Target Price (Return): THB59.10 (+33%) Price: THB44.50 Market Cap: USD6.788m Avg Daily Turnover (THB/USD) 947m/31.0m

Analyst

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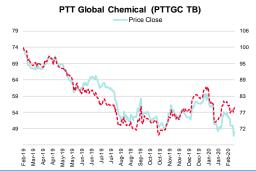


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Share Performance (%)

	YTD	1m	3m	6m	12m
Absolute	(15.8)	(5.0)	(11.1)	(9.0)	(35.4)
Relative	(6.9)	3.3	(0.2)	3.6	(21.5)
52-wk Price lov	w/high (THB))		46.8	3 – 73.3



Source: Bloomberg

PTT Global Chemical (PTTGC TB)

Waiting For a Rebound In 2H20

- Maintain BUY, THB59.10 TP is based on 0.85x P/BV, 33% upside with 5% FY20F yield. PTT Global Chemical's recent knowledge-sharing session highlighted its green initiative, with an investment in a plastic recycling plant. Its commodity prices, spreads and share price performance could remain subdued until there are signs that the COVID-19 outbreak can be contained which are not apparent currently. Our rating is premised on the expectation that demand and spreads will normalise in 2H20.
- PTTGC's knowledge-sharing session was about the circular economy and how its investment in a THB2.5bn plastic recycling plant (which is scheduled to begin operating commercially by 4Q21) will play a role in Thailand's efforts to lower its carbon footprint. PTTGC is committed to cutting greenhouse gas emissions by 20% by 2030, and by 50% by 2050. In this report, we detail the company's push towards a circular economy.
- Commodity prices and spreads will remain under pressure, at least in 1H20, with a rebound in 2H20F. For its refinery, middle distillates will remain under pressure as transportation fuel demand has been hit by the COVID-19 outbreak. Also, International Maritime Organization (IMO) regulations are expected to support very low sulphur fuel oil (VLSFO) demand.
- Weak petrochemical prices and spreads. With new capacities entering and weak demand due to decelerating global growth and the COVID-19 outbreak, petrochemical prices and spreads should stay subdued, at least for 1H20. PE prices have stabilised QTD, while spreads have started to improve as naphtha prices fell slightly. QTD, the HDPE price is at USD850/ton (+1% QoQ), while HDPE spreads have risen to USD347/ton (+17% from 4Q19) - the uptrend is as we expected. Regional naphtha crackers' breakeven price is c.USD400/ton, so some naphtha crackers have already started to cut run rates. Spreads should be near bottom levels.
- 2H20F should see PTTGC's PO/Polyol and MPT retrofit projects enter, which will add propylene oxide (PO) (200ktpa), polyol (130ktpa) and ethylene/propylene (500ktpa/250ktpa). These will be accompanied by a 35day planned maintenance shutdown of I4/1 and I4/2 for the tie-in of facilities. As the PO/polyol and MTP retrofit projects are also slated for completion, this should help offset the softer spreads on its existing projects.
- Feedstock repricing renegotiation with PTT (PTT TB, NEUTRAL, TP: THB43.30) has been completed, and prices took effect in January (and will be used for the next 11 years). In the new agreement, the reference price will reflect the value of the use of ethane and propane, linked to products such as HDPE, LLDPE and LDPE (previously, it was mainly based on HDPE). The formula will still be based on profit-sharing, but will now reflect the cost of natural gas and end-products from PTTGC. With limited information, we make no changes to our current assumptions.

Forecasts and Valuation	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
Total turnover (THBm)	518,655	412,810	403,574	406,358	406,358
Recurring net profit (THBm)	43,642	8,530	14,117	16,727	17,313
Recurring net profit growth (%)	8.5	(80.5)	65.5	18.5	3.5
Recurring P/E (x)	4.91	25.38	15.34	12.94	12.51
P/B (x)	0.7	0.8	0.7	0.7	0.7
P/CF (x)	4.76	7.57	4.56	6.29	6.17
Dividend Yield (%)	8.9	4.2	5.0	5.9	6.2
EV/EBITDA (x)	3.79	11.66	5.49	4.78	4.32
Return on average equity (%)	14.0	4.0	4.9	5.7	5.8
Net debt to equity (%)	17.3	28.7	11.6	5.3	(0.9)

Source: Company data, RHB

Financial Exhibits

Asia
Thailand
Energy & Petrochemicals
PTT Global Chemical
DTTCCTD

PTTGC TB Buy

Valuation basis

For the Thai refineries/petrochemicals, we use P/BV as a valuation basis. This is due to the high volatility in earnings as a result of stock gain/losses. We believe that the DCF valuation is not appropriate, as its share price and earnings are highly subjected to seasonal factors.

Key drivers

- i. Crude oil prices as it is the main feedstock;
- Gross refining margins, as it is seasonally dependent on the demand and supply of the refined product;
- Stock gains/losses as a result of volatility of crude oil price;
- iv. THB/USD rate where product and feedstock costs are priced in USD.

Key risks

- i. Crude oil prices;
- ii. THB/USD rate fluctuating;
- iii. Demand and supply of products

Company Profile

PTT Global Chemical has total petrochemicals capacity of c.12mtpa, and 280,000bpd in refining capacity. It was listed on the Stock Exchange of Thailand on Oct 2011, as a result of the amalgamation of PTT Chemical and PTT Aromatics and Refining

Financial summary (THB)	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
Recurring EPS	9.78	1.89	3.13	3.71	3.84
DPS	4.25	2.00	2.39	2.83	2.97
BVPS	66.37	63.37	64.46	65.31	66.18
Return on average equity (%)	14.0	4.0	4.9	5.7	5.8

Valuation metrics	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
Recurring P/E (x)	4.91	25.38	15.34	12.94	12.51
P/B (x)	0.7	0.8	0.7	0.7	0.7
FCF Yield (%)	9.3	1.2	8.6	12.6	12.9
Dividend Yield (%)	8.9	4.2	5.0	5.9	6.2
EV/EBITDA (x)	3.79	11.66	5.49	4.78	4.32
EV/EBIT (x)	5.54	98.81	13.97	10.89	10.01

Income statement (THBm)	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
Total turnover	518,655	412,810	403,574	406,358	406,358
Gross profit	56,202	19,038	29,192	31,707	31,404
EBITDA	60,403	21,768	37,421	39,205	39,205
Depreciation and amortisation	(19,055)	(19,198)	(22,724)	(21,993)	(22,296)
Operating profit	41,348	2,570	14,697	17,212	16,909
Net interest	(3,593)	(3,119)	(3,282)	(2,762)	(1,778)
Pre-tax profit	43,257	12,999	15,716	18,749	19,431
Taxation	(2,986)	(649)	(1,598)	(2,023)	(2,118)
Reported net profit	40,069	11,682	14,117	16,727	17,313
Recurring net profit	43,642	8,530	14,117	16,727	17,313

Cash flow (THBm)	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
Change in working capital	(8,873)	10,587	14,902	27	(234)
Cash flow from operations	44,950	28,585	47,443	34,447	35,074
Capex	(25,016)	(25,965)	(28,800)	(7,200)	(7,200)
Cash flow from investing activities	(42,473)	(29,452)	9,358	(4,915)	(3,353)
Dividends paid	(19,087)	(19,156)	(9,021)	(10,901)	(12,916)
Cash flow from financing activities	(9,176)	(18,793)	(6,075)	(2,401)	684
Cash at beginning of period	43,429	36,744	18,840	69,567	96,698
Net change in cash	(6,698)	(19,659)	50,727	27,131	32,405
Ending balance cash	36,744	18,840	69,567	96,698	129,103

Balance sheet (THBm)	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
Total cash and equivalents	53,562	25,560	76,287	103,418	135,823
Tangible fixed assets	266,051	280,404	250,742	235,949	220,853
Total investments	56,906	65,901	65,901	65,901	65,901
Total assets	469,255	452,514	469,520	482,081	499,624
Short-term debt	22,387	12,887	22,477	33,877	47,477
Total long-term debt	83,648	96,918	88,557	85,657	85,657
Total liabilities	165,773	158,919	170,991	179,741	193,341
Total equity	303,482	293,595	298,529	302,339	306,283
Total liabilities & equity	469,255	452,514	469,520	482,081	499,624

Key metrics	Dec-18	Dec-19	Dec-20F	Dec-21F	Dec-22F
Revenue growth (%)	17.9	(20.4)	(2.2)	0.7	0.0
Recurrent EPS growth (%)	8.5	(80.7)	65.5	18.5	3.5
Gross margin (%)	10.8	4.6	7.2	7.8	7.7
Operating EBITDA margin (%)	11.6	5.3	9.3	9.6	9.6
Net profit margin (%)	7.7	2.8	3.5	4.1	4.3
Dividend payout ratio (%)	47.8	77.2	77.2	77.2	77.2
Capex/sales (%)	4.8	6.3	7.1	1.8	1.8
Interest cover (x)	11.5	0.8	4.5	6.2	9.5

Source: Company data, RHB



Circular Economy: Recycling Project

PTTGC's knowledge-sharing session was about the circular economy and how its investment in the plastic recycling plant (commercial operations to begin by 4Q21) will play a role in Thailand's efforts to lower its carbon footprint. Note that Thailand is part of the Paris Agreement to cut greenhouse gas (GHG) emissions. PTTGC is committed to cutting GHG emissions by 20% by 2030 and by 50% by 2050. All of its plants will be environmentally friendly in the longer term.

Background: PTTGC has established a joint venture called ENVICCO Ltd, to operate the high-quality recycled plastic plant, of which PTTGC holds 70% and ALPLA holds 30%. The investment in the plastic recycling plant is a pilot project for plastic waste management. The plant will convert used packaging plastic to high-quality recycled plastic resin – to serve the increasing demand for recycled plastic in the market as well as lower the environmental burden. ENVICCO will manufacture and distribute high-quality recycled plastic resin, and has a total capacity of 45ktpa – which will comprise recycled polyethylene terephthalate (rPET, 30ktpa) and recycled high-density polyethylene (rHDPE,15ktpa). The project will be located in the Asia Industrial Estate in Rayong, and is expected to be commercial by 4Q21.

Figure 1: PTTGC's commitment to climate action



Source: Company data

The circular economy push

The objective of recycling PET resin (rPET resin) and HDPE (ie rHDPE) is to remove impurity to be as close to virgin PET/HDPE as possible. At the moment, around 70-80% of PET can be collected, but this has not yet been used to recycle products for food purposes. At the moment, it is possible to use rPET for food-grade packaging – although this is not the case for rHDPE yet.

The process to recycle plastic is detailed as such: plastic bale enters the factory and goes into the feeder, which separates it from metals and impurities. The most important part is sourcing to separate the PET out of the bottle. NIR (infrared) technology is used to separate the plastics. It then goes through the grinder, which cuts the plastic bottles into plastic flakes (size: c. 5-6mm), and then into the wash section – with cold, hot and sodium hydroxide used to kill the germs and toxins. The flakes are then sorted to separate the polymer type/color. At the extrusion section, the flakes are heated (at 200° Celcius) and molded. Through this process, the recycled plastic will be very close to the quality of virgin plastic.



Global brands using rPET

Coca-Cola has a target that all of its packaging will be 100% recyclable by 2025. It will also ensure that at least 50% of the content of its plastic bottles comes from recycled materials.

Unilever aims to use rHDPE in packaging, with a 25% content in packaging for the domestic market in 2020.

Nestle will launch new rPET water brands using 50% rPET by 2020. It also aims to use 25% rPET in bottles across the EU by 2025.

Colgate-Palmolive intends to use recycled content in its packaging by 2025.

Strong demand growth expected for recycled plastics

Demand for rPET is expected to grow by 6-9% pa. Global demand was at 10mtpa in 2017, and this is expected to increase to 19mtpa by 2028. Within the Asia-Pacific Economic Cooperation (APEC) countries, demand was at 7mtpa in 2017. This is expected to increase to 10mtpa by 2028. Finally, for Thailand, demand was at 130ktpa in 2017 and this is expected to increase to 340ktpa by 2028.

Demand for rHDPE is expected to grow at 7-9% pa. Global demand was at 4mtpa in 2018, and is expected to increase to 8mtpa by 2027. In South-East Asia, demand was at 115ktpa in 2018. This is estimated to increase to 250ktpa by 2028. Finally, Thailand recorded demand of 40ktpa in 2018, and this is expected to nincrease to 85ktpa by 2028.

Applications for rPET and rHDPE

Applications for rPET are in bottles (food-grade/non-food grade); fibres (t-shirts, bags, shoes, mats, sofas etc) and electrical equipment (housing parts, ink cartridge).

Applications for rHDPE are in consumer products (homecare/personal care), construction (floor mat/playground), and others (automotive, ink toner, toys, buckets and furniture).

Question and answers

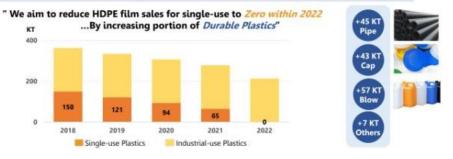
Is the cost of recycling plastics similar that of virgin plastic? The cost of processing virgin PET is in raw materials (MEG/PX/PTA) and processing costs. For rPET, the cost is in the recycled/waste bottles. PTTGC believes that costs are similar. Currently it costs c.THB6-7 per bottle, and it can sell a recycled bottle for THB10. Costs can be more expensive if there is a short supply of recycled bottles.

What is the problem with recycling? There is also the issue of the quality of bottles received before they are transported to the recycling plant – as impurities in the bottles can vary greatly. That said, Thailand has to promote the separation of waste. Although buying and selling and used bottles in Thailand has been ongoing for over 40 years, there is no formal process set for such transactions.

Figure 2: PTTGC's action for sustainability



Our strategy on Single-use Plastic policy



Source: Company data

Commodity Outlook

The COVID-19 outbreak has lowered global oil demand and commodity growth so far this year. As such, PTTGC expects demand and spreads to improve in 2H20.

Figure 3: Commodity outlook

	2017	2018	2019	2020	Comment	
Crude oil price (Dubai, USD/bbl)	52.3	69.4	63.5	58-62	The COVID-19 outbreak has lowered global oil demand growth. It expects demand to be low in 1H20, before recovering in 2H20.	
Refinery (USD/bbl)						
Gasoline-Dubai	14.9	10.6	9.1	10-12	The trend is for FCC to cut the run rate for VLSFO, leading to tighter gasoline supply. Weak driving activity related to the COVID-19 outbreak should be offset by lower Chinese exports, as refineries cut run rates.	
Diesel-Dubai	12.5	14.7	13.7	14-15	IMO regulation should support diesel. However, the warmer winter, economic slowdown and COVID-19 outbreak has pressured diesel demand and prices.	
VLSFO-Dubai	N/A	N/A	12.3	19-21	Bunkering activity has softened, due to the COVID-19 outbreak. That, and weaker economic activity, is pressuring VLSFO prices.	
Paraxylene value chain (USD/ton)						
PX-naphtha	358	453	378	250-300	Pressure from PX new capacity and softer PTA demand will lead to lower operatin rates. PX producers cutting their run rates will also lead to rebalancing, which shoul support PX margins.	
PTA margin	85	150	137	85-140	New PTA capacities will pressure PTA margins, while the COVID-19 outbreak will lead to decelerating downstream demand in China and in textile manufacturing zones.	
PET resin	136	181	123	120-130	The COVID-19 outbreak has impacted demand in China as well as logistics, and inventory – this should result in production cuts.	
Benzene value chain (USD/ton)						
BZ-naphtha	327	206	116	150-175	New capacities almost get absorbed by new downstream capacities, SM, Phenol and CX. BZ producers are to cut run rates, therefore the market should undergo a rebalancing process.	
PHL P2F	316	487	298	260-320	New capacities will come onstream in 2Q onwards along with new downstream unit in China. Margins should be sustained in 1H20, due to supply tightness from turnaround exercises. The impact of COVID-19 is limited by Chinese producers cutting run rates.	
Ethylene & derivatives (USD/ton)					cutting full rates.	
HDPE price	1168	1330	991	900-990	Demand pressure from the COVID-19 outbreak. Additional supply in Asia in 1H20 is	
HDPE-MOPJ	673	715	468	395-475	anticipated to limit any price upside	
MEG price	850	907	574	550-580	New MEG capacity from Asia and the US is expected to pressure prices in 2020. The COVID-19 outbreak in China should slows down the recovery of downstream polyester demand. MEG higher cost producers have started to cut run rates.	
Propylene & derivatives (USD/ton)					poly oster asimand. MEO mignor oost producers mave started to out full fates.	
PP price	1155	1269	1101	1000-1040	New PP plants are anticipated to support Asian demand, while heavy maintenar in 2Q20 will support the market. Additional supply in Asia is expected enter in 11 further pressuring the market.	
Propylene price	824	988	838	835-875		
PP-MOPJ	659	655	578	490-530		

Source: Company data, RHB



Recommendation Chart



Source: RHB, Bloomberg

Date	Recommendation	Target Price	Price
2020-02-17	Buy	59	53
2020-01-27	Buy	59	49
2019-11-11	Buy	63	54
2019-11-08	Buy	63	56
2019-10-22	Sell	46	51
2019-08-16	Sell	46	53
2019-08-08	Sell	50	54
2019-07-24	Sell	54	61
2019-05-15	Buy	77	65

Source: RHB, Bloomberg

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term outlook remains uncertain

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12 months

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L	Analyst	Company
Γ	-	-
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Thai Institute of Directors Association (IOD) – Corporate Governance Report Rating 2019

Companies with Excellent CG Scoring by alphabetical order









AAV	ADVANC	AIRA	AKP	AKR	AMA	AMATA	AMATAV	ANAN	AOT	AP	ARROW	BAFS	BANPU	BAY
ВСР	BCPG	BOL	BRR	BTS	BTW	BWG	CFRESH	CHEWA	сно	СК	СКР	СМ	CNT	COL
COMAN	CPALL	CPF	CPI	CPN	css	DELTA	DEMCO	DRT	DTAC	DTC	EA	EASTW	ECF	EGCO
GBX	GC	GCAP	GEL	GFPT	GGC	GOLD	GPSC	GRAMMY	GUNKUL	HANA	HARN	HMPRO	ICC	ICHI
III	ILINK	INTUCH	IRPC	IVL	JKN	JSP	к	KBANK	KCE	KKP	KSL	КТВ	ктс	KTIS
LH	LHFG	LIT	LPN	MAKRO	MALEE	MBK	MBKET	мс	мсот	MFEC	MINT	MONO	MTC	NCH
NCL	NKI	NSI	NVD	NYT	OISHI	ото	PAP	PCSGH	PDJ	PG	PHOL	PJW	PLANB	PLANET
PORT	PPS	PR9	PREB	PRG	PRM	PSH	PSL	PTG	PTT	PTTEP	PTTGC	PYLON	Q-CON	QH
QTC	RATCH	ROBINS	RS	s	S&J	SABINA	SAMART	SAMTEL	SAT	sc	SCB	scc	sccc	SCN
SDC	SEAFCO	SEAOIL	SE-ED	SELIC	SENA	SIS	SITHAI	SNC	SORKON	SPALI	SPI	SPRC	sssc	STA
STEC	SVI	SYNTEC	TASCO	TCAP	THAI	THANA	THANI	THCOM	THIP	THREL	TIP	TISCO	TK	ткт
TMB	TMILL	TNDT	TOA	ТОР	TRC	TRU	TRUE	TSC	TSR	TSTH	TTA	TTCL	TTW	TU
TVD	TVO	ıı .	UAC	IIV	VGI	VIH	WACOAL	WAVE	WHA	WHALIP	WICE	WINNER		

Companies with Very Good CG Scoring by alphabetical order









25	ABM	ADB	AF	AGE	AH	AHC	AIT	ALLA	ALT	AMANAH	APCO	APCS	AQUA	ARIP
ASAP	ASIAN	ASIMAR	ASK	ASN	ASP	ATP30	AUCT	AYUD	В	BA	BBL	BDMS	BEC	BEM
BFIT	BGC	BGRIM	BIZ	BJC	BJCHI	BLA	BPP	BROOK	CBG	CEN	CENTEL	CGH	CHG	СНОТІ
CHOW	CI	CIMBT	CNS	COLOR	COM7	сотто	CRD	csc	CSP	DCC	DCON	DDD	DOD	EASON
ECL	EE	EPG	ERW	ESTAR	ETE	FLOYD	FN	FNS	FORTH	FPI	FPT	FSMART	FSS	FVC
GENCO	GJS	GL	GLOBAL	GLOW	GULF	HPT	HTC	HYDRO	ICN	IFS	INET	INSURE	IRC	IRPC
IT	ITD	ITEL	J	JAS	JCK	JCKH	JMART	JMT	JWD	KBS	KCAR	KGI	KIAT	KOOL
KWC	KWM	L&E	LALIN	LANNA	LDC	LHK	LOXLEY	LRH	LST	М	MACO	MAJOR	MBAX	MEGA
METCO	MFC	MK	MODERN	MOONG	MPG	MSC	MTI	NEP	NETBAY	NEX	NINE	NOBLE	NOK	NTV
NWR	осс	ogc	ORI	OSP	PATO	РВ	PDG	PDI	PL	PLAT	PM	PPP	PRECHA	PRIN
PRINC	PSTC	PT	QLT	RCL	RICHY	RML	RWI	S11	SAAM	SALEE	SAMCO	SANKO	SAPPE	SAWAD
SCG	SCI	SCP	SE	SFP	SIAM	SINGER	SIRI	SKE	SKR	SKY	SMIT	SMK	SMPC	SMT
SNP	SONIC	SPA	SPC	SPCG	SPVI	SR	SRICHA	ssc	SSF	SST	STANLY	STPI	suc	SUN
susco	SUTHA	swc	SYMC	SYNEX	Т	TACC	TAE	TAKUNI	TBSP	TCC	TCMC	TEAM	TEAMG	TFG
TFMAMA	THG	THRE	TIPCO	TITLE	TIW	TKN	TKS	TM	ТМС	TMD	ТМІ	TMT	TNITY	TNL
TNP	TNR	TOG	TPA	TPAC	TPBI	TPCORP	TPOLY	TRITN	TRT	TSE	TSTE	TVI	TVT	TWP
TWPC	UBIS	UEC	UMI	UOBKH	UP	UPF	UPOIC	UT	uwc	VNT	WIK	хо	YUASA	ZEN
ZMICO														

Companies with Good CG Scoring by alphabetical order







			·		·	·	,		·•	·	,N	ational CG Committee Na	tional CG Committee, Natio	nal CG Committee
Α	ABICO	ACAP	AEC	AEONTS	AJ	ALUCON	AMC	APURE	AS	ASEFA	AU	B52	всн	BEAUTY
BGT	ВН	BIG	BLAND	ВМ	BR	BROCK	BSBM	BSM	BTNC	CCET	ССР	CGD	CHARAN	CHAYO
CITY	CMAN	СМС	СМО	CMR	CPL	СРТ	CSR	CTW	CWT	D	DIMET	EKH	EMC	EPCO
ESSO	FE	FTE	GIFT	GLAND	GLOCON	GPI	GREEN	GTB	GYT	нітсн	HUMAN	IHL	INGRS	INOX
JTS	JUBILE	KASET	ксм	ккс	KWG	KYE	LEE	LPH	MATCH	MATI	M-CHAI	MCS	MDX	META
MGT	MJD	ММ	MVP	NC	NDR	NEW	NNCL	NPK	NUSA	OCEAN	PAF	PF	PICO	PIMO
PK	PLE	PMTA	POST	PPM	PROUD	PTL	RCL	RJH	ROJNA	RPC	RPH	SF	SGF	SGP
SKN	SLP	SMART	SOLAR	SPG	SQ	SSP	STI	SUPER	SVOA	тссс	THE	THMUI	TIC	TIGER
TNH	TOPP	TPCH	TPIPP	TPLAS	TQM	TTI	TYCN	UTP	VCOM	VIBHA	VPO	WIN	WORK	WP
WPH	ZIGA													

ช่วงคะแนน Score	สัญลักษณ์ Rang Number of Logo	ความหมาย	Description
GO - 100		ที่เลิด	Excellent
80 - 89		ดีมาก	Very Good
70 - 79		คื	Good
60 - 60	A A	ดีพอใช้	Satisfactory
50 - 50	<u> </u>	кты	Pass
ต ่ากว่า 50	No logo give	N/A	N/A

Website: www.thai-iod.com

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ข้อมูล Anti-Corruption Progress Indicator 2560

ประกาศเจตนารมณ์ CAC

Α	ASK	CHG	FC	GREEN	JUTHA	MATCH	NINE	PIMO	RWI	SPPT	TFI	TU	VNT
AI	AU	СНОТІ	FER	GSTEL	KASET	MATI	NMG	PK	SANKO	SPRC	THE	T∨D	WAVE
AIE	BCH	CHOW	FPI	GUNKUL	KBS	MBAX	NNCL	PL	SAUCE	SR	TICON	TVO	WHA
AIRA	BJC	CIG	FSMART	HARN	KCAR	MC	NTV	PLANB	SC	SRICHA	TIP	TVT	WICE
AJ	BJCHI	COL	GEL	IFS	KTECH	MFEC	NUSA	POST	SCCC	SST	TKN	TWPC	WIIK
ALUCON	BLAND	COM7	GFPT	ILINK	KWC	MIDA	NWR	PRINC	SCN	STA	TLUXE	U	TRUE
AMATAV	BR	CPALL	GGC	INET	KYE	MILL	OGC	PRO	SEAOIL	SUPER	TMILL	UPA	
AOT	BROCK	CPF	GIFT	IRC	L&E	ML	PACE	PSTC	SE-ED	susco	TMT	UREKA	
APCO	BRR	CPR	GJS	J	LEE	MTLS	PAF	PYLON	SENA	swc	TNP	UWC	
AQUA	CEN	CSC	GLOBAL	JMART	LIT	NBC	PAP	QTC	SIRI	SYMC	TPA	VGI	
ARROW	CGH	EKH	GOLD	JMT	LVT	NCL	PATO	ROH	SMART	TAKUNI	TSE	VIBHA	
ASIA	CHEWA	EPCO	GPSC	JUBILE	MAKRO	NEP	PCSGH	ROJNA	SPACK	TBSP	тп	VIH	
ได้รับการรับรอง CAC													
ADVANC	BKI	CPN	FE	INTUCH	LANNA	MSC	PLAT	PTT	SAT	SNP	TCMC	TMD	UOBKH
AKP	BLA	CSL	FNS	IRPC	LHBANK	MTI	PM	PTTEP	SCB	SORKON	TFG	TNITY	WACOAL
AMANAH	BROOK	DCC	FSS	IVL	LHK	NKI	PPP	PTTGC	SCC	SPC	TGCI	TNL	
AP	BTS	DEMCO	GBX	K	LPN	NSI	PPS	Q-CON	SCG	SPI	THANI	TOG	
ASP	BWG	DIMET	GCAP	KBANK	MBK	occ	PRANDA	QH	SGP	SSF	тнсом	TOP	
AYUD	CENTEL	DRT	GLOW	KCE	MBKET	OCEAN	PREB	QLT	SINGER	SSI	THRE	TPCORP	
BAFS	CFRESH	DTAC	HANA	KGI	MCOT	PB	PRG	RATCH	SIS	SSSC	THREL	TRU	
BANPU	CIMBT	DTC	HMPRO	KKP	MFC	PDI	PSH	RML	SITHAI	SVI	TIPCO	TSC	
BAY	СМ	EASTW	нтс	KSL	MINT	PE	PSL	ROBINS	SMIT	SYNTEC	TISCO	TSTH	
BBL	CNS	ECL	ICC	КТВ	MONO	PG	PT	S&J	SMPC	TAE	TKT	TTCL	
BCP	CPI	EGCO	IFEC	KTC	MOONG	PHOL	PTG	SABINA	SNC	TCAP	TMB	TVI	
							N/A						
2S	ARIP	BSM	CSS	FMT	INOX	LTX	NPK	RCL	SFP	SUC	TITLE	TSR	VPO
AAV	AS	втс	CTW	FN	INSURE	M	NPP	RICH	SGF	SUN	TIW	TSTE	VTE
ABICO	ASAP	BTNC	CWT	FOCUS	IRCP	MACO	N∨D	RICHY	SHANG	SUTHA	TK	TTA	WG
ACAP	ASEFA	BTW	D	FORTH	IT	MAJOR	NYT	RJH	SIAM	SVH	TKS	TTL	WHAUP
ACC	ASIAN	BUI	DCON	FTE	ITD	MALEE	OHTL	ROCK	SIMAT	SVOA	TM	TTTM	WIN
ADAM	ASIMAR	CBG	DCORP	FVC	ITEL	MANRIN	OISHI	RP	SKE	SYNEX	TMC	TTW	WINNER
ADB	ASN	CCET	DDD	GC	JAS	MAX	ORI	RPC	SKN	Т	TMI	TUCC	WORK
AEC	ATP30	CCP	DELTA	GENCO	JCT	M-CHAI	ОТО	RPH	SKR	TACC	TMW	TWP	WORLD
AEONTS	AUCT	CGD	DIGI	GL	JKN	MCS	PAE	RS	SKY	TAPAC	TNDT	TWZ	WP
AF	BA	CHARAN	DNA	GLAND	JSP	MDX	PDG	RSP	SLP	TASCO	TNH	TYCN	WPH
AFC	BAT-3K	СНО	DTCI	GPI	JTS	MEGA	PERM	S	SMK	TC	TNPC	UAC	WR
AGE	BCPG	CHUO	EA	GRAMMY	JWD	METCO	PF	S11	SMM	TCB	TNR	UBIS	XO
AH	BDMS	CI	EARTH	GRAND	KAMART	MGT	PICO	SAFARI	SMT	TCC	TOA	UEC	YCI
AHC	BEAUTY	CITY	EASON	GTB	KC	MJD	PJW	SALEE	SOLAR	TCCC	TOPP	UKEM	YNP
AIT	BEC	CK	ECF	GULF	KCM	MK	PLANET	SAM	SPA	TCJ	TPAC	UMI	YUASA
AJA	BEM	CKP	EE	GYT	KDH	MM	PLE	SAMART	SPALI	TCOAT	TPBI	UMS	ZIGA
AKR	BFIT	CMO	EFORL	HFT	KIAT	MODERN	PMTA	SAMCO	SPCG	TEAM	TPCH	UNIQ	ZMICO
ALLA	BGRIM	CMR	EIC	HOTPOT	KKC	MPG	POLAR	SAMTEL	SPG	TFD	TPIPL	UP	
ALT	BGT	CNT	EMC	HPT	KOOL	MPIC	POMPUI	SAPPE	SPORT	TFMAMA	TPIPP	UPF	
AMA	вн	COLOR	EPG	HTECH	KTIS	NC	PORT	SAWAD	SPVI	TGPRO	TPOLY	UPOIC	

AQ BSBM CSR Source: Thai Institute of Directors

BIG

BIZ

BKD

вм

BOI

BLISS

AMARIN

AMATA

AMC

ANAN

APCS

APEX

APURE

ข้อมูลบริษัทที่เข้าร่วมโครงการแนวร่วมปฏิบัติของภาคเอกชนไทยในการต่อต้านทุจริต (Thai CAC) ของสมาคมส่งเสริมสถาบันกรรมการบริษัทไทย (ข้อมูล ณ วันที่ 17 ต.ค.)

NCH

NDR

NEW

NFC

NEWS

NOBLE

NETBAY

ได้ประกาศเจตนารมณ์เข้าร่วม CAC

COMAN

CPH

CPL

CPT

CRANE

CRD

CSP

ERW

ESSO

ESTAR

ETE

EVER

F&D

FANCY

FLOYD

HUMAN

HYDRO

ICHI

ICN

IEC

IHL

Ш

INGRS

KWG

LALIN

LDC

LH

LPH

LRH

LST

LOXLEY

ได้รับการรับรอง CAC

การเปิดเผยการประเมินดัชนีชี้วัดความคืบหน้าการป้องกันการมีส่วนเกี่ยวข้องกับการทุจริตคอร์รัปชัน (Anti-Corruption Progress Indicators) ของบริษัทจดทะเบียนในตลาดหลักทรัพย์แห่งประเทศไทยที่ จัดทำโดยสถาบันที่เกี่ยวข้องซึ่งมีการเปิดเผยโดยสำนักงานคณะกรรมการกำกับหลักทรัพย์และตลาดหลักทรัพย์นี้เป็นการดำเนินการตามนโยบายและตามแผนพัฒนาความยั่งยืนสำหรับบริษัทจดทะเบียนโดย ผลการประเมินดังกล่าว สถาบันที่เกี่ยวข้องอาศัยข้อมูลที่ได้รับจากบริษัทจดทะเบียนตามที่บริษัทจดทะเบียนใต้ระบุในแบบแสดงข้อมูลเพื่อการประเมิน Anti-Corruption ซึ่งอ้างอิงข้อมูลมาจากแบบแสดง รายงานข้อมูลประจำปี แบบ (56-1) รายงานประจำปีแบบ (56-2) หรือในเอกสารหรือรายงานอื่นที่เกี่ยวข้องซึ่งเป็นบุคคลภายนอก โดยมิได้เป็นการประเมินการปฏิบัติของบริษัทจดทะเบียนในตลาดหลักทรัพย์ แห่งประเทศไทยและมิได้ใช้ข้อมูลภายในเพื่อการประเมิน เนื่องจากผลการประเมินดังกล่าวเป็นเพียงผลการประเมิน ณ วันที่ ปรากฏในผลการประเมินเท่านั้น ดังนั้นผลการประเมินจึงอาจเปลี่ยนแปลงได้ ภายหลังวันดังกล่าว หรือรับรองความถูกต้องครบถ้วนของผลประเมินดังกล่าวแต่อย่างใด

PPM

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