

# TOA Paint (Thailand)

(TOA.BK/TOA TB)

## Outperform Maintained

Price as of 13 Mar 2018	36.50
12M target price (Bt/shr)	40.50
Unchanged / Revised up (down) (%)	Unchanged
Upside/downside (%)	11.0

### Key messages

The overall tone of yesterday's analyst meeting was positive due to i) solid revenue outlook in 2018F as a result of price increases since January, domestic demand recovery and growth in AEC, especially Vietnam and Indonesia. ii) easing raw material prices (hedged 50% of titanium dioxide with supplier since January), iii) regional expansion (Indonesia, Myanmar and Cambodia) is on track. We derive a 2018 target of Bt40.50 (PER 35.2x implying PEG 0.90x) and maintain a rating of Outperform.

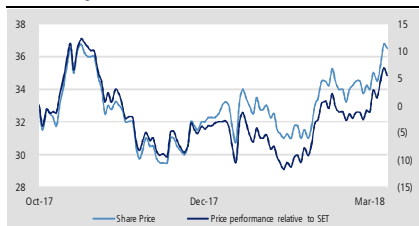
### Trading data

Mkt cap (Btbn/US\$m)	74.1/2,244
Outstanding shares (mn)	2,029
Foreign ownership (mn)	186.9
3M avg. daily trading (mn)	8.0
52-week trading range (Bt)	28.0-37.5
Performance (%)	3M 6M 12M
Absolute	19.7 N.A. N.A.
Relative	11.5 N.A. N.A.

### Quarterly EPS

Bt	1Q	2Q	3Q	4Q
2016	0.84	0.73	0.66	0.58
2017	0.47	0.22	0.20	0.23

### Share price chart



Source: SET

Sumek Chantarasuriyarat  
66.2658.888 Ext.8840  
sumekc@kgi.co.th

Wisuwat Yaikwawong (Assistant Analyst)  
66.2658.888 Ext.8855  
wisuwat@kgi.co.th

## Keep moving forward

### Event

The overall tone of yesterday's analyst meeting was positive.

### Impact

#### Solid revenue outlook in 2018F

TOA expects revenue growth of around 10% this year while we anticipate growth of 12.3% (6% in domestic volume growth and price increases, overseas revenue growth at 12.2%). The company increased prices in the decorative segment by 4-6% since January while it is increasing some of the prices on non-decorative products in March. Other players have followed TOA's lead on prices for decorative paints and coating products.

#### Easing raw material prices

TOA has entered into titanium dioxide forward contract (in USD) with its supplier to lock in price at 50% hedge since January. Currently, the titanium dioxide price has increased 4% from 4Q17. We expect the price rally to slow and the price should remain at this level in 2H18. Further increase in the price of titanium dioxide will not hurt TOA as i) the company's price increases covered further rises somewhat, ii) it will be partly offset by the Thai baht's appreciation against the US dollar.

#### 2018F EBITDA margin to rebound to 18.9%

We expect EBITDA margin to rebound to 18.9% from 16.0% in 2017, slightly above TOA's target of 18.5% mainly due to i) gross profit margin picking up to 36.5% in 2018 from 34.1% in 2017 from increase in domestic product prices (fully covered increase in raw material costs with some buffers for further increase), ii) domestic sales recovery from improved private construction, iii) resumption of normal conditions in Vietnam after short-term hiccup in 1H17.

#### Regional expansion is on track

Construction in Indonesia, Myanmar and Cambodia are on track to complete testing and commissioning in 3Q18, 4Q18 and 1Q19, respectively. Plants in Indonesia will be a key catalyst for TOA's overseas operation because of i) high potential market growth at 9% CAGR in 2018-2021, ii) increasing urbanization and rising disposable income.

#### Valuation and action

We fine-tuned our forecasts and maintain a rating of Outperform with a 2018 target price of Bt40.50 based on PER multiple, derived from regional peers with 15% market discount, on an attractive earnings outlook (+39%YoY in 2018) compared to regional peers.

#### Risks

Rising in production costs, intense competition in regional markets.

### Key financials and valuations

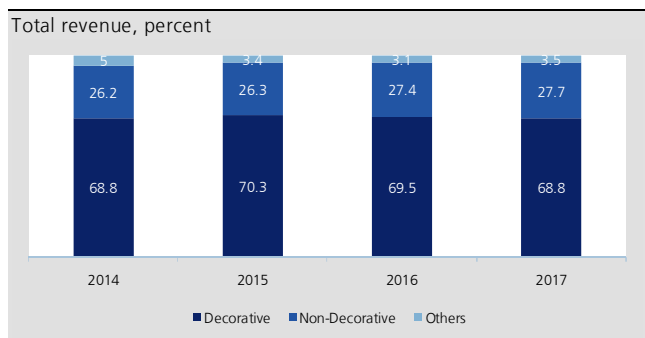
	Dec-16A	Dec-17A	Dec-18F	Dec-19F	Dec-20F
Revenue (Bt mn)	16,297	15,718	17,637	19,208	20,811
Gross profit (Bt mn)	6,203	5,367	6,438	7,107	7,742
EBIT (Bt mn)	3,207	2,180	2,952	3,381	3,722
Net profit (Bt mn)	2,526	1,710	2,376	2,725	3,005
EPS (Bt)	2.81	0.84	1.17	1.34	1.48
DPS (Bt)	7.25	0.74	0.47	0.54	0.74
EPS growth (%)	18.5	(70.0)	38.9	14.7	10.3
P/E (x)	n.a.	38.6	31.2	27.2	24.6
P/B (x)	n.a.	7.8	7.8	6.7	5.9
EV/EBITDA (x)	n.a.	25.6	22.2	19.1	17.1
Net Debt to Equity (x)	2.7	-0.1	0.0	-0.1	-0.2
Dividend Yield (%)	n.a.	2.3	1.3	1.5	2.0
Return on Avg. Equity (%)	324.7	20.3	25.2	24.7	24.0

Source: KGI Research

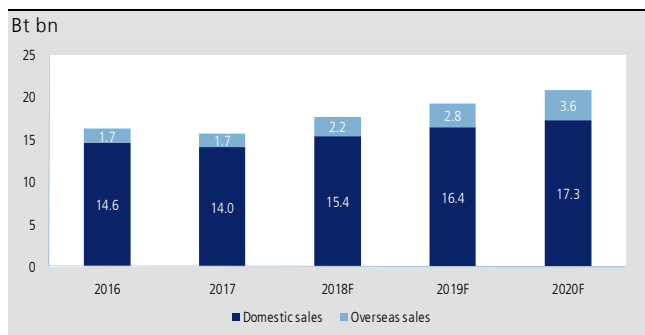
**Figure 1: Company profile**

TOA Paint (Thailand) (TOA) is the largest paint and coating producer in Thailand with a market share of 48.7%. Its main products are decorative paint and coatings products and non-decorative paint and coatings products such as wood protective and heavy paints chemical construction etc. TOA serves households and industrial markets in Southeast Asia with a 13% market share.

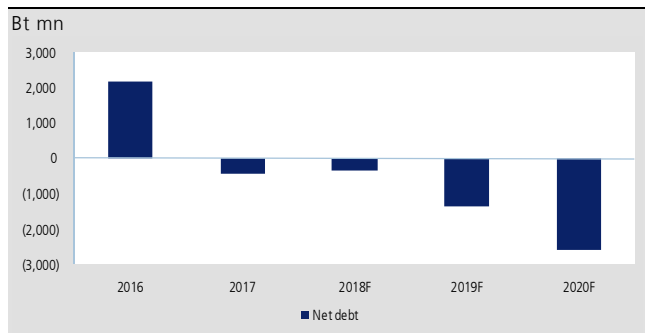
Source: Company data

**Figure 3: Revenue breakdown by products**


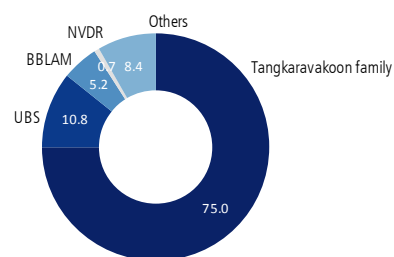
Source: Company data, KGI Research

**Figure 5: Revenue outlook**


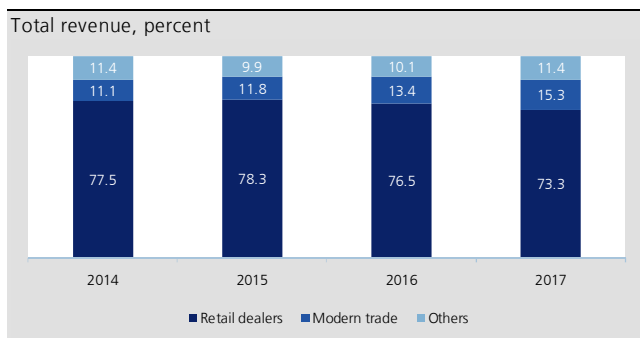
Source: Company data, KGI Research

**Figure 7: From net debt to net cash**


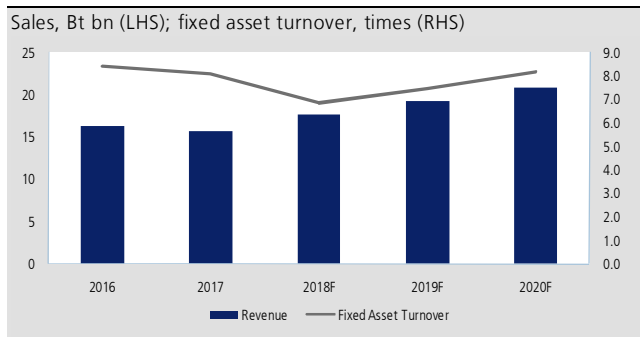
Source: KGI Research

**Figure 2: Major shareholders**


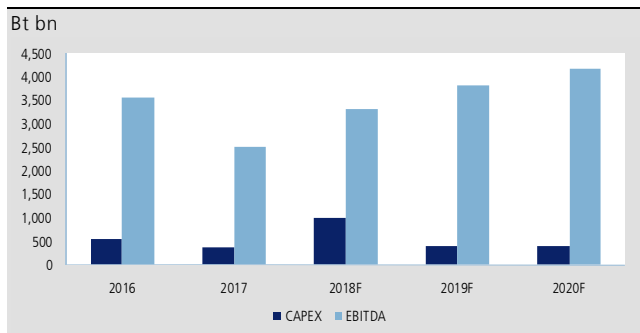
Source: Company data

**Figure 4: Revenue breakdown by distribution channels**


Source: Company data, KGI Research

**Figure 6: Sales and fixed asset turnover**


Source: Company data, KGI Research

**Figure 8: CAPEX and EBITDA**


Source: KGI Research

## Quarterly Income Statement

Quarterly Income Statement (Bt mn)	2016 Mar-16A	2016 Jun-16A	2016 Sep-16A	2016 Dec-16A	2017 Mar-17A	2017 Jun-17A	2017 Sep-17A	2017 Dec-17A
<b>Revenue</b>	<b>4,220</b>	<b>4,120</b>	<b>3,848</b>	<b>4,109</b>	<b>3,951</b>	<b>3,767</b>	<b>3,740</b>	<b>4,260</b>
Cost of Goods Sold	(2,559)	(2,533)	(2,400)	(2,602)	(2,542)	(2,479)	(2,515)	(2,816)
<b>Gross Profit</b>	<b>1,661</b>	<b>1,587</b>	<b>1,448</b>	<b>1,507</b>	<b>1,410</b>	<b>1,288</b>	<b>1,224</b>	<b>1,445</b>
<b>Operating Expenses</b>	<b>(778)</b>	<b>(816)</b>	<b>(781)</b>	<b>(852)</b>	<b>(799)</b>	<b>(791)</b>	<b>(801)</b>	<b>(902)</b>
Other incomes	63	69	71	28	26	20	22	39
<b>Operating Profit</b>	<b>946</b>	<b>840</b>	<b>739</b>	<b>682</b>	<b>637</b>	<b>516</b>	<b>445</b>	<b>581</b>
Depreciation of fixed assets	94	87	88	87	84	84	85	86
<b>Operating EBITDA</b>	<b>1,041</b>	<b>927</b>	<b>827</b>	<b>764</b>	<b>721</b>	<b>600</b>	<b>531</b>	<b>667</b>
<b>Non-Operating Income</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>(0)</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>(0)</b>
Interest Income	-	-	-	-	-	-	-	-
Other Non-op Income	-	0	-	0	-	0	-	(0)
<b>Non-Operating Expenses</b>	<b>23</b>	<b>25</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>19</b>	<b>19</b>	<b>16</b>
Interest Expense	23	25	19	20	21	19	19	16
Other Non-op Expenses	-	-	-	-	-	-	-	-
<b>Pre-tax Profit</b>	<b>924</b>	<b>814</b>	<b>720</b>	<b>662</b>	<b>616</b>	<b>497</b>	<b>426</b>	<b>565</b>
Current taxation	(166)	(166)	(135)	(145)	(120)	(99)	(84)	(99)
Minorities	(0)	2	5	12	1	(2)	8	0
Extraordinary items	-	-	-	-	-	-	-	-
<b>Net Profit</b>	<b>757</b>	<b>651</b>	<b>589</b>	<b>529</b>	<b>497</b>	<b>396</b>	<b>350</b>	<b>466</b>
EPS (Bt)	0.84	0.73	0.66	0.58	0.47	0.22	0.20	0.23
<b>Margins (%)</b>								
Gross profit margin	39.4	38.5	37.6	36.7	35.7	34.2	32.7	33.9
Operating margin	22.4	20.4	19.2	16.6	16.1	13.7	11.9	13.6
Operating EBITDA margin	24.7	22.5	21.5	18.6	18.3	15.9	14.2	15.7
Net profit margin	17.9	15.8	15.3	12.9	12.6	10.5	9.4	10.9
<b>Growth (%)</b>								
Revenue growth		(2.4)	(6.6)	6.8	(3.8)	(4.7)	(0.7)	13.9
Operating growth		(11.3)	(12.0)	(7.6)	(6.7)	(18.9)	(13.7)	30.6
Operating EBITDA growth		(10.9)	(10.8)	(7.6)	(5.6)	(16.8)	(11.6)	25.7
Net profit growth		(14.0)	(9.4)	(10.3)	(6.0)	(20.3)	(11.5)	33.1

Source: KGI Research

## Balance Sheet

As of 31 Dec (Bt mn)	2016	2017	2018F	2019F	2020F
<b>Total Assets</b>	<b>9,644</b>	<b>14,095</b>	<b>14,987</b>	<b>16,745</b>	<b>18,397</b>
<b>Current Assets</b>	7,297	11,698	11,982	13,754	15,449
Cash & ST Investments	2,156	6,284	6,247	7,549	8,753
Inventories	2,019	2,232	2,240	2,420	2,614
Accounts Receivable	2,840	2,936	3,189	3,473	3,763
Others	283	246	306	312	318
<b>Non-current Assets</b>	2,347	2,397	3,005	2,990	2,948
LT Investments	0	0	0	0	0
Net fixed Assets	1,935	1,945	2,572	2,549	2,498
Others	412	452	433	442	450
<b>Total Liabilities</b>	<b>8,866</b>	<b>5,682</b>	<b>5,559</b>	<b>5,695</b>	<b>5,854</b>
<b>Current Liabilities</b>	8,441	5,422	5,285	5,412	5,563
Accounts Payable	3,602	3,826	3,836	4,144	4,476
ST Borrowings	3,727	1,371	1,000	800	600
Others	1,112	225	449	468	487
<b>Long-term Liabilities</b>	426	260	275	283	291
Long-term Debts	166	0	0	0	0
Others	259	260	275	283	291
<b>Shareholders' Equity</b>	<b>778</b>	<b>8,413</b>	<b>9,418</b>	<b>11,040</b>	<b>12,533</b>
Common Stock	900	2,029	2,029	2,029	2,029
Capital Surplus	0	5,762	5,762	5,762	5,762
Retained Earnings	(97)	647	2,628	4,262	5,765
Non-controlling interests	(25)	(25)	(40)	(45)	(47)

Source: KGI Research

## Key Ratios

Year to 31 Dec (Bt mn)	2016	2017	2018F	2019F	2020F
<b>Forecast Drivers</b>					
<b>Growth (% YoY)</b>					
Sales	(2.7)	(3.6)	12.2	8.9	8.3
OP	15.0	(32.0)	35.4	14.5	10.1
EBITDA	11.7	(29.3)	32.0	14.4	9.7
NP	18.5	(32.3)	38.9	14.7	10.3
EPS	18.5	(70.0)	38.9	14.7	10.3
<b>Profitability (%)</b>					
Gross Margin	38.1	34.1	36.5	37.0	37.2
Operating Margin	19.7	13.9	16.7	17.6	17.9
EBITDA Margin	21.9	16.0	18.9	19.8	20.1
Net Profit Margin	15.5	10.9	13.5	14.2	14.4
ROAA	22.3	14.4	19.6	17.2	17.1
ROAE	324.7	20.3	25.2	24.7	24.0
<b>Stability</b>					
Gross Debt/Equity (%)	1,104.3	67.3	58.8	51.4	46.5
Net Debt/Equity (%)	271.5	(5.3)	(3.5)	(12.1)	(20.5)
Interest Coverage (x)	36.9	28.9	123.0	169.0	248.1
Interest & ST Debt Coverage (x)	0.8	1.6	3.0	4.3	6.3
Cash Flow Interest Coverage (x)	31.9	23.9	101.1	150.2	221.1
Cash Flow/Interest & ST Debt (x)	0.7	1.2	2.4	3.7	5.4
Current Ratio (x)	0.9	2.2	2.3	2.5	2.8
Quick Ratio (x)	0.6	1.7	1.8	2.1	2.3
Net Debt (Bt mn)	2,180	(445)	(333)	(1,342)	(2,585)
<b>Per Share Data (Bt)</b>					
EPS	2.8	0.8	1.2	1.3	1.5
CFPS	2.1	0.9	1.4	1.6	1.7
BVPS	0.9	4.2	4.7	5.5	6.2
SPS	18.1	7.7	8.7	9.5	10.3
EBITDA/Share	4.0	1.2	1.6	1.9	2.1
DPS	7.3	0.7	0.5	0.5	0.7
<b>Activity</b>					
Asset Turnover (x)	1.4	1.3	1.2	1.2	1.2
Days Receivables	65.1	67.1	62.4	63.3	63.5
Days Inventory	72.4	74.9	70.3	70.3	70.3
Days Payable	132.2	131.0	120.4	120.3	120.4
Cash Cycle	5.2	11.0	12.3	13.2	13.4

Source: KGI Research

## Profit & Loss

Year to 31 Dec (Bt mn)	2015	2016	2017	2018F	2019F	2020F
<b>Revenue</b>	<b>16,753</b>	<b>16,297</b>	<b>15,718</b>	<b>17,637</b>	<b>19,208</b>	<b>20,811</b>
Cost of Goods Sold	(10,774)	(10,095)	(10,351)	(11,200)	(12,101)	(13,069)
<b>Gross Profit</b>	<b>5,979</b>	<b>6,203</b>	<b>5,367</b>	<b>6,438</b>	<b>7,107</b>	<b>7,742</b>
Operating Expenses	(3,473)	(3,227)	(3,294)	(3,580)	(3,822)	(4,121)
Other incomes	283	231	107	95	96	101
<b>Operating Profit</b>	<b>2,788</b>	<b>3,207</b>	<b>2,180</b>	<b>2,952</b>	<b>3,381</b>	<b>3,722</b>
Depreciation of fixed assets	402	357	340	374	423	451
<b>Operating EBITDA</b>	<b>3,190</b>	<b>3,564</b>	<b>2,520</b>	<b>3,326</b>	<b>3,804</b>	<b>4,173</b>
<b>Non-Operating Income</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Interest Income	0	0	0	0	0	0
Other Non-op Income	0	0	0	0	0	0
<b>Non-Operating Expenses</b>	<b>(109)</b>	<b>(87)</b>	<b>(75)</b>	<b>(24)</b>	<b>(20)</b>	<b>(15)</b>
Interest Expense	(109)	(87)	(75)	(24)	(20)	(15)
Other Non-op Expenses	0	0	0	0	0	0
Equity Income/(Loss)	0	0	0	0	0	0
<b>Pretax Income</b>	<b>2,679</b>	<b>3,120</b>	<b>2,105</b>	<b>2,928</b>	<b>3,361</b>	<b>3,707</b>
Current taxation	(562)	(613)	(401)	(571)	(655)	(723)
Minorities	15	19	6	19	19	20
Extraordinary items	0	0	0	0	0	0
<b>Net Profit</b>	<b>2,131</b>	<b>2,526</b>	<b>1,710</b>	<b>2,376</b>	<b>2,725</b>	<b>3,005</b>
Norm. Profit	2,131	2,526	1,710	2,376	2,725	3,005
EPS (Bt)	2.4	2.8	0.84	1.17	1.34	1.48

Source: KGI Research

## Cash Flow

Year to 31 Dec (Bt mn)	Dec-16A	Dec-17A	Dec-18F	Dec-19F	Dec-20F
<b>Operating Cash Flow</b>	2,775	1,804	2,427	3,004	3,317
Net Profit	2,526	1,710	2,376	2,725	3,005
Depreciation & Amortization	357	340	374	423	451
Change in Working Capital	(52)	(197)	(426)	(145)	(141)
Others	(56)	(49)	104	2	2
<b>Investment Cash Flow</b>	2,920	(4,374)	(1,475)	(900)	(571)
Net CAPEX	(542)	(382)	(1,000)	(400)	(400)
Change in LT Investment	0	0	0	0	0
Change in Other Assets	3,462	(3,992)	(474)	(500)	(171)
<b>Free Cash Flow</b>	5,695	(2,570)	952	2,104	2,746
<b>Financing Cash Flow</b>	(6,697)	2,777	(1,333)	(1,294)	(1,704)
Change in Share Capital	0	6,870	0	0	0
Net Change in Debt	(183)	(2,599)	(368)	(199)	(199)
Change in Other LT Liab.	(6,514)	(1,495)	(965)	(1,095)	(1,504)
<b>Net Cash Flow</b>	(952)	103	(381)	810	1,042

Source: KGI Research

## Rates of Return on Invested Capital

Year	1- $\frac{\text{COGS}}{\text{Revenue}}$	+ $\frac{\text{Depreciation}}{\text{Revenue}}$	+ $\frac{\text{Operating Exp.}}{\text{Revenue}}$	=	Operating Margin		
Dec-16A	59.7%	2.2%	19.8%		18.3%		
Dec-17A	63.7%	2.2%	21.0%		13.2%		
Dec-18F	61.4%	2.1%	20.3%		16.2%		
Dec-19F	60.8%	2.2%	19.9%		17.1%		
Dec-20F	60.6%	2.2%	19.8%		17.4%		
Year	1/ $\frac{\text{Working Capital}}{\text{Revenue}}$	+ $\frac{\text{Net PPE}}{\text{Revenue}}$	+ $\frac{\text{Other Assets}}{\text{Revenue}}$	=	Capital Turnover		
Dec-16A	7.7%	0.12	0.03		4.52		
Dec-17A	8.5%	0.12	0.03		4.20		
Dec-18F	9.0%	0.15	0.02		3.84		
Dec-19F	9.1%	0.13	0.02		4.05		
Dec-20F	9.1%	0.12	0.02		4.29		
Year	Operating Margin	x	Capital Turnover	x	Cash Tax Rate	=	After-tax Return on Inv. Capital
Dec-16A	18.3%		4.5		80.36		66.36
Dec-17A	13.2%		4.2		80.93		44.87
Dec-18F	16.2%		3.8		80.50		50.02
Dec-19F	17.1%		4.1		80.50		55.79
Dec-20F	17.4%		4.3		80.50		60.11

Source: KGI Research

**TOA Paint (Thailand) – Recommendation & target price history**


Source: KGI Research

**KGI Locations**

<b>China</b>	Shanghai	Room 1907-1909 , Tower A, No. 100 Zunyi Road, Shanghai, PRC 200051
	Shenzhen	Room 24D1, 24/F, A Unit, Zhen Ye Building, 2014 Bao'annan Road, Shenzhen, PRC 518008
<b>Taiwan</b>	Taipei	700 Mingshui Road, Taipei, Taiwan Telephone 886.2.2181.8888 · Facsimile 886.2.8501.1691
<b>Hong Kong</b>		41/F Central Plaza, 18 Harbour Road, Wanchai, Hong Kong Telephone 852.2878.6888 Facsimile 852.2878.6800
<b>Thailand</b>	Bangkok	8th - 11th floors, Asia Centre Building 173 South Sathorn Road, Bangkok 10120, Thailand Telephone 66.2658.8888 Facsimile 66.2658.8014

**KGI's Ratings**

Rating	Definition
Outperform (OP)	The stock's excess return* over the next twelve months is ranked in the top 40% of KGI's coverage universe in the related market (e.g. Taiwan).
Neutral (N)	The stock's excess return* over the next twelve months is ranked in the range between the top 40% and the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan).1.3
Under perform (U)	The stock's excess return* over the next twelve months is ranked in the bottom 40% of KGI's coverage universe in the related market (e.g. Taiwan).
Not Rated (NR)	The stock is not rated by KGI Securities.
Restricted (R)	KGI policy and/or applicable law regulations preclude certain types of communications, including an investment recommendation, during the course of KGI's engagement in an investment banking transaction and in certain other circumstances.  <i>Excess return = 12M target price/current price-</i>
Note	When an analyst publishes a new report on a covered stock, we rank the stock's excess return with those of other stocks in KGI's coverage universe in the related market. We will assign a rating based on its ranking. If an analyst does not publish a new report on a covered stock, its rating will not be changed automatically.

**Disclaimer**

KGI Securities (Thailand) Plc. ("The Company") disclaims all warranties with regards to all information contained herein. In no event shall the Company be liable for any direct, indirect or any damages whatsoever resulting from loss of income or profits, arising by utilization and reliance on the information herein. All information hereunder does not constitute a solicitation to buy or sell any securities but constitutes our sole judgment as of this date and are subject to change without notice.

# Corporate Governance Report of Thai Listed Companies



## Companies with Excellent CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
AOT	AIRPORTS OF THAILAND	GPSC	GLOBAL POWER SYNERGY	PTTGC	PTT GLOBAL CHEMICAL
BCP	THE BANGCHAK PETROLEUM	HMPRO	HOME PRODUCT CENTER	QH	QUALITY HOUSES
BIGC	BIG C SUPERCENTER	IRPC	IRPC	RATCH	RATCHABURI ELECTRICITY GENERATING HOLDING
BTS	BTS GROUP HOLDINGS	KBANK	KASIKORNBANK	SCB	THE SIAM COMMERCIAL BANK
CK	CH. KARNCHANG	KCE	KCE ELECTRONICS	SCC	THE SIAM CEMENT
CPF	CHAROEN POKPHAND FOODS	KKP	KIATNAKIN BANK	SPALI	SUPALAI
CPN	CENTRAL PATTANA	KTB	KRUNG THAI BANK	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION
DELTA	DELTA ELECTRONICS (THAILAND)	KTC	KRUNGTHAI CARD	SVI	SVI
DRT	DIAMOND ROOFING TILES	LPN	L.P.N. DEVELOPMENT	TCAP	THANACHART CAPITAL
DTAC	TOTAL ACCESS COMMUNICATION	MINT	MINOR INTERNATIONAL	TISCO	TISCO FINANCIAL GROUP
EGCO	ELECTRICITY GENERATING	PTT	PTT	TMB	TMB BANK
GFPT	GFPT	PTTEP	PTT EXPLORATION AND PRODUCTION	TOP	THAI OIL



## Companies with Very Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	CKP	CK POWER	PYLON	PYLON
ADVANC	ADVANCED INFO SERVICE	DCC	DYNASTY CERAMIC	ROBINS	ROBINSON DEPARTMENT STORE
ANAN	ANANDA DEVELOPMENT	ERW	THE ERAWAN GROUP	SEAFECO	SEAFECO
AP	ASIAN PROPERTY DEVELOPMENT	GLOBAL	SIAM GLOBAL HOUSE	SPRC	STAR PETROLEUM REFINING
BANPU	BANPU	GLOW	GLOW ENERGY	TASCO	TIPCO ASPHALT
BBL	BANGKOK BANK	GUNKUL	GUNKUL ENGINEERING	TMT	THAI METAL TRADE
BDMS	BANGKOK DUSIT MEDICAL SERVICES	LH	LAND AND HOUSES	TRUE	TRUE CORPORATION
BEM	BANGKOK EXPRESSWAY AND METRO	MALEE	MALEE SAMPRAN	TVO	THAI VEGETABLE OIL
CENTEL	CENTRAL PLAZA HOTEL	MTLS	MUANGTHAI LEASING		
CHG	CHULARAT HOSPITAL	PACE	PACE DEVELOPMENT CORPORATION		



## Companies with Good CG Scoring

Stock	Company name	Stock	Company name	Stock	Company name
BA	BANGKOK AIRWAYS	MAKRO	SIAM MAKRO	SCN	SCAN INTER
BH	BUMRUNGRAD HOSPITAL	MODERN	MODERNFORM GROUP	SIRI	SANSIRI
BJCHI	BJC HEAVY INDUSTRIES	NOK	NOK AIRLINES	TKN	TAOKAENOI FOOD & MARKETING
CBG	CARABAO GROUP	SAPPE	SAPPE	TPCH	TPC POWER HOLDING
ILINK	INTERLINK COMMUNICATION	SAWAD	SRISAWAD POWER 1979	TRT	TIRATHAI
LPH	LADPRAO GENERAL HOSPITAL	SCI	SCI ELECTRIC		

## Companies classified Not in the three highest score groups

Stock	Company name	Stock	Company name	Stock	Company name
BCH	BANGKOK CHAIN HOSPITAL	BPP	BANPU POWER	FN	FN FACTORY OUTLET
BCPG	BCPG	CPALL	CP ALL		

Source: [www.thai-iod.com](http://www.thai-iod.com)

**Disclaimer:** The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an assessment of operation and is not based on inside information. The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date or when there is any change to the relevant information. Nevertheless, KGI Securities (Thailand) Public Company Limited (KGI) does not confirm, verify, or certify the accuracy and completeness of such survey result.

# Anti-corruption Progress Indicator

## Level 5: Extended

Stock	Company name	Stock	Company name	Stock	Company name
ADVANC	ADVANCED INFO SERVICE	GLOBAL	SIAM GLOBAL HOUSE	QH	QUALITY HOUSES
ANAN	ANANDA DEVELOPMENT	GPSC	GLOBAL POWER SYNERGY	RATCH	RATCHABURI ELECTRICITY GENERATING HOLDING
BBL	BANGKOK BANK	HMPRO	HOME PRODUCT CENTER	ROBINS	ROBINSON DEPARTMENT STORE
BCH	BANGKOK CHAIN HOSPITAL	IRPC	IRPC	SCC	THE SIAM CEMENT
BDMS	BANGKOK DUSIT MEDICAL SERVICES	KBANK	KASIKORN BANK	SIRI	SANSIRI
BIGC	BIG C SUPERCENTER	KCE	KCE ELECTRONICS	SPALI	SUPALAI
CK	CH. KARNCHANG	KKP	KIATNAKIN BANK	STEC	SINO-THAI ENGINEERING AND CONSTRUCTION
DCC	DYNASTY CERAMIC	KTB	KRUNG THAI BANK	TCAP	THANACHART CAPITAL
DELTA	DELTA ELECTRONICS (THAILAND)	LPH	LADPRAO GENERAL HOSPITAL	TISCO	TISCO FINANCIAL GROUP
DRT	DIAMOND ROOFING TILES	PACE	PACE DEVELOPMENT CORPORATION	TMT	THAI METAL TRADE
EGCO	ELECTRICITY GENERATING	PTT	PTT	TOP	THAI OIL
GFPT	GFPT	PTTGC	PTT GLOBAL CHEMICAL		

## Level 4: Certified

Stock	Company name	Stock	Company name	Stock	Company name
AAV	ASIA AVIATION	ERW	THE ERAWAN GROUP	SAPPE	SAPPE
AP	ASIAN PROPERTY DEVELOPMENT	GLOW	GLOW ENERGY	SAWAD	SRI SAWAD POWER 1979
BA	BANGKOK AIRWAYS	GUNKUL	GUNKUL ENGINEERING	SCB	THE SIAM COMMERCIAL BANK
BANPU	BANPU	ILINK	INTERLINK COMMUNICATION	SCN	SCAN INTER
BCP	THE BANGCHAK PETROLEUM	KTC	KRUNGTHAI CARD	SEAFICO	SEAFICO
BH	BUMRUNGRAD HOSPITAL	LH	LAND AND HOUSES	SVI	SVI
BJCHI	BJC HEAVY INDUSTRIES	LPN	L.P.N. DEVELOPMENT	TASCO	TIPCO ASPHALT
CBG	CARABAO GROUP	MAKRO	SIAM MAKRO	TKN	TAOKAENOI FOOD & MARKETING
CENDEL	CENTRAL PLAZA HOTEL	MALEE	MALEE SAMPRAN	TMB	TMB BANK
CHG	CHULARAT HOSPITAL	MINT	MINOR INTERNATIONAL	TRT	TIRATHAI
CKP	CK POWER	MODERN	MODERNFORM GROUP	TRUE	TRUE CORPORATION
CPF	CHAROEN POKPHAND FOODS	NOK	NOK AIRLINES	TVO	THAI VEGETABLE OIL
CPN	CENTRAL PATTANA	PTTEP	PTT EXPLORATION AND PRODUCTION		
DTAC	TOTAL ACCESS COMMUNICATION	PYLON	PYLON		

## Level 3: Established

Stock	Company name	Stock	Company name	Stock	Company name
BEM	BANGKOK EXPRESSWAY AND METRO	MTLS	MUANGTHAI LEASING	SPRC	STAR PETROLEUM REFINING
CPALL	CP ALL	SCI	SCI ELECTRIC		

## No progress

Stock	Company name	Stock	Company name	Stock	Company name
AOT	AIRPORTS OF THAILAND	BPP	BANPU POWER	FN	FN FACTORY OUTLET
BCPG	BCPG	BTS	BTS GROUP HOLDINGS	TPCH	TPC POWER HOLDING

Source: [www.cgthailand.org](http://www.cgthailand.org)

**Disclaimer:** The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by the relevant institution as disclosed by the Office of the Securities and Exchange Commission, is made in order to comply with the policy and sustainable development plan for the listed companies. The relevant institution made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment is only the assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, KGI Securities (Thailand) Public Company Limited (KGI) does not confirm, verify, or certify the accuracy and completeness of the assessment result.