

Thailand Company Update

12 September 2024

Industrials | Road & Rail

Bangkok Expressway and Metro (BEM TB)

Buy (Maintained)

Seeing Solid Growth This Year; BUY

THB12 (50.0%) Target Price (Return): Price (Market Cap): THB8 (USD3,551m) ESG score: 3.3 (out of 4) Avg Daily Turnover (THB/USD) 404m/11.4m

• Maintain BUY and SOP-based THB12 TP (50% upside), c.2% yield. QTD expressway traffic and Blue Line Mass Rapid Transit (MRT) ridership numbers indicate YoY growth for Bangkok Expressway and Metro's core business operations in 3Q24, while its overall MRT business acts as a growth booster for the company. Its expressway business, meanwhile, is expected to record steady earnings even in the absence of solid growth.

Analyst

• Expressway traffic at maturity stage. Aug 2024 expressway traffic stood

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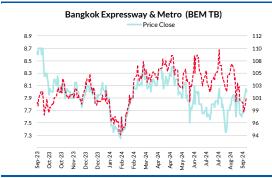


firm at 1.13m trips/day (+0.4% YoY), continuing the sideways pattern of traffic data, which has hovered at c.1.1m trips/day since early FY23. This confirms the maturity of the expressway business. Our FY24 assumption for expressway traffic (1.1m trips/day) is maintained. The expressway network's double-deck project is still under negotiations between BEM and state agencies, and is still far from acting as a near-term growth catalyst.

Share Performance (%)

	YTD	1m	3m	6m	12m
Absolute	0.6	3.9	1.3	(1.9)	(7.5)
Relative	0.6	(5.2)	(6.2)	(4.4)	0.7
52-wk Price low	ı/high (T	HB)		7.25	-8.70

• Blue-Line MRT ridership hit another high in Aug 2024. Aug 2024 ridership stood at 450K (+7% YoY, +6% MoM) for the Blue Line MRT, with notable YoY growth each month YTD. This is another positive signal of the rising ridership trend, as we expect Blue Line MRT ridership to grow further QoQ in 3Q24 due to seasonally higher passenger numbers in 3Q. We expect the weekday average ridership to stabilise at >500k trips/day in 4Q24. Although organic growth of the Yellow Line MRT's ridership - which should feed into the Blue Line MRT network - has grown slower than expected, this is still seen as a long-term growth factor for Blue Line MRT ridership.



• QTD performance confirms YoY growth. As 2Q24 earnings hit a new high, we expect BEM's core businesses to grow further and strengthen QoQ in 3Q24, based on: i) Actual QTD numbers of flattening expressway traffic and moderate Blue Line MRT ridership growth (7-9% YoY in July and August) and ii) a THB1-2/trip fare hike (from THB17-43 to THB17-45) from 3 Jul, as specified under the concession contract. However, 3Q24 bottomline should decline slightly QoQ to <THB1bn as dividend income in 3Q is usually lower than in 2Q. Despite the seasonal pattern, 9M24 performance should improve YoY. We maintain our expectation of 10% YoY FY24 net profit growth. Note that our FY24 assumptions of expressway traffic and MRT ridership remain at 1.1m trips/day and 430k trips/day respectively.

Source: Bloomberg

• Potential flat rates. The Transport Minister aims to implement a THB20/trip flat fare rate for all MRT routes via a common ticketing system, after implementing this in the Red Line and Purple Line MRT networks. As the Ministry will set up a fund to compensate business operators for the costs incurred, we expect BEM to be unaffected by the policy, which should come into effect two years from Sep 2025.

Overall ESG Score: 3.3 (out of 4)

BEM has assured that the expressway users are provided with convenient, fast, safe services, by which the economic losses caused by fuel burning in the course of traffic congestion can be minimised. As for the metro system, in addition to safe, convenient, fast services provided to users, it is also an eco-friendly public transport system that consumes clean energy, helps minimise air pollution, and reduces greenhouse gas and carbon dioxide emissions. S: EXCELLENT

• ESG. Our THB12 TP includes a 2% ESG premium.

BEM has carried out activities based on responsibility for impact its business has had on communities and the society. It also participates in helping to develop and maintain the well-being of communities. Its guidelines for operations on care for and collaborations in community development are divided into three target groups: i) Origin (communities surrounding the workplaces), ii) middle-way (communities along the service routes), and iii) destination (society as a whole).

Forecasts and Valuation	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Total turnover (THBm)	14,029	16,374	17,233	18,336	18,972
Recurring net profit (THBm)	2,436	3,479	3,817	4,012	4,476
Recurring net profit growth (%)	141.2	42.8	9.7	5.1	11.5
Recurring P/E (x)	50.19	35.15	32.04	30.48	27.32
P/B (x)	3.1	3.0	2.9	2.8	2.7
P/CF (x)	21.71	19.25	24.57	21.09	18.00
Dividend Yield (%)	1.5	1.8	2.0	2.1	2.4
EV/EBITDA (x)	27.43	21.26	21.12	21.67	20.12
Return on average equity (%)	6.3	8.7	9.2	9.3	10.1
Net debt to equity (%)	181.7	175.9	195.9	235.5	209.3

G: EXCELLENT

The structure and agility of BEM's governance is essential to ensure consistency in: i) Strategic risk management; and ii) giving critical, accurate and timely information throughout the entire IT governance system. This is so that BEM can maximise efficiency in managing resources, in response to the ever-changing business environment.

Source: Company data, RHB

Financial Exhibits

Asia Thailand Industrials Bangkok Expressway and Metro BEM TB Buy

Valuation basis

We use SOP methodology:

- The company's core businesses are based on DCF;
- ii. CK Power and TTW are based on Bloomberg consensus.

Key drivers

i. Chances of winning new infrastructure projects under public-private partnership schemes

Key risks

i. Weaker-than-expected traffic and ridership growth

Company Profile

BEM conducts construction and operations of expressways, operations management of MRT systems, and other related businesses.

Financial summary (THB)	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Recurring EPS	0.16	0.23	0.25	0.26	0.29
DPS	0.12	0.14	0.16	0.17	0.19
BVPS	2.56	2.68	2.76	2.86	2.96
Return on average equity (%)	6.3	8.7	9.2	9.3	10.1

Valuation metrics	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Recurring P/E (x)	50.19	35.15	32.04	30.48	27.32
P/B (x)	3.1	3.0	2.9	2.8	2.7
FCF Yield (%)	3.6	4.3	(4.9)	(12.2)	8.8
Dividend Yield (%)	1.5	1.8	2.0	2.1	2.4
EV/EBITDA (x)	27.43	21.26	21.12	21.67	20.12
EV/EBIT (x)	39.90	30.35	29.27	29.53	27.48

Income statement (THBm)	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Total turnover	14,029	16,374	17,233	18,336	18,972
Gross profit	5,582	7,064	7,713	8,395	8,719
EBITDA	6,432	8,311	8,848	9,491	9,858
Depreciation and amortisation	(2,009)	(2,488)	(2,464)	(2,528)	(2,641)
Operating profit	4,423	5,822	6,384	6,963	7,217
Net interest	(2,173)	(2,371)	(2,488)	(2,827)	(2,498)
Pre-tax profit	2,834	4,216	4,535	4,780	5,364
Taxation	(398)	(737)	(718)	(767)	(889)
Reported net profit	2,436	3,479	3,817	4,012	4,476
Recurring net profit	2,436	3,479	3,817	4,012	4,476

Cash flow (THBm)	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Change in working capital	1,798	1,304	306	(137)	116
Cash flow from operations	5,632	6,353	4,978	5,799	6,793
Capex	(1,276)	(1,144)	(10,938)	(20,664)	4,013
Cash flow from investing activities	(597)	(518)	(10,938)	(20,664)	4,013
Dividends paid	(1,223)	(1,834)	(2,481)	(2,608)	(2,909)
Cash flow from financing activities	(4,379)	(6,377)	5,184	14,963	(10,823)
Cash at beginning of period	1,131	1,788	1,246	469	567
Net change in cash	656	(542)	(777)	98	(18)
Ending balance cash	1,788	1,246	469	567	550

Balance sheet (THBm)	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Total cash and equivalents	2,735	2,070	1,293	1,391	1,373
Tangible fixed assets	338	327	10,340	30,311	25,279
Total investments	13,539	11,802	11,802	11,802	11,802
Total assets	114,128	112,496	123,792	144,437	138,981
Short-term debt	9,673	13,246	12,987	12,500	11,100
Total long-term debt	60,768	55,057	64,724	84,045	78,121
Total liabilities	76,865	74,832	84,792	104,031	97,008
Total equity	37,264	37,664	39,001	40,405	41,973
Total liabilities & equity	114,128	112,496	123,792	144,437	138,981

Key metrics	Dec-22	Dec-23	Dec-24F	Dec-25F	Dec-26F
Revenue growth (%)	30.8	16.7	5.2	6.4	3.5
Recurrent EPS growth (%)	141.2	42.8	9.7	5.1	11.5
Gross margin (%)	39.8	43.1	44.8	45.8	46.0
Operating EBITDA margin (%)	45.8	50.8	51.3	51.8	52.0
Net profit margin (%)	17.4	21.2	22.1	21.9	23.6
Dividend payout ratio (%)	75.3	61.5	65.0	65.0	65.0
Capex/sales (%)	9.1	7.0	63.5	112.7	(21.2)
Interest cover (x)	1.87	2.46	2.42	2.31	2.68

Source: Company data, RHB



Figure 1: Expressway traffic was flat YoY in Aug 2024

Figure 2: Blue Line MRT ridership marked a new high in Aug 2024



JUL 424.9 390.8 274.6 77.2 253.4 316.7 8.7% AUG 450.4 420.4 320.2 62.4 288.1 338.5 7.1% %YoY 11.2% 44.2% 84.5% -43.7% -22.7% 8.1% 422.4 376.2 190.5 272.6 234.0 330.5 411.9 381.1 283.3 120.9 202.7 311.7 8.1% 420.9 344.2 100.1 310.3 351.5 341.8 135.9 299.9 375.4 354.4 186.8 311.8 412.8

Source: Company data

Source: Company data

Figure 3: SOP valuation

		Value (THBm)	Remarks
Expressway business		81,625	Based on a contract extension for expressway network sectors – including the second stage (A, B, C, and D) and the Bang Pa-in-Pak Kret section – which will end on 31 Oct 2035.
Mass transit business		119,282	19% rise
Commercial development		27,821	
BEM's investments listed on the SET	Stake		
CK Power	16.82%	6,290	Based on Bloomberg consensus FV.
TTW	18.47%	7,370	Based on Bloomberg consensus FV.
Other operating assets		4,577	
Net debt		(67,057)	
Minority interest		(2)	
Total		179,907	
Number of shares outstanding		15,285	
Intrinsic value (THB)		11.77	
ESG premium/(discount)		2%	
TP (THB)		12.00	

Source: RHB

Emissions And ESG

Trend	

BEM collected GHG emissions data from both its expressway and MRT businesses in FY23 and started releasing Scope 3 data during the same period. Other indirect GHG emissions (Scope 3) include Category 1 purchased goods and services, Category 3 – fuel & energy-related activities, Category 5 – waste generated in operations, Category 7 – employee commuting, and Category 13 – downstream-leased assets. Between the two businesses, MRT generated the majority of BEM's GHG emissions, accounting for >75% of Scope 1 and >90% of Scopes 2 and 3. Higher numbers in FY23 were related to higher MRT ridership and expressway traffic.

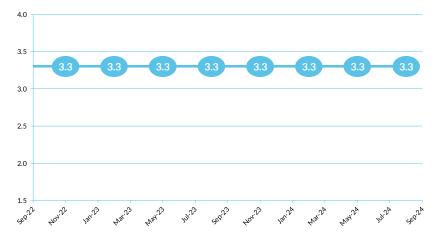
Emissions (tCO2e)	Dec-21	Dec-22	Dec-23
Scope 1	2,456	2,396	8,059
Scope 2	124,558	104,684	106,364
Scope 3	na	na	29,411
Total emissions	127,014	107,080	143,834

Source: Company data, RHB

Latest ESG-Related Developments

- BEM aims to achieve carbon neutrality by 2050, and has put in place procedures for management of waste from various activities for efficient waste disposal, including recycling for reuse.
- BEM promotes the optimal use of resources and environmental impact reduction from internal
 processes, both directly and indirectly, among its staff and contractors. Such initiatives are to
 be extended to service users, the society, and communities along the metro and expressway
 routes through environmental promotion activities. The company looks to promote
 environmental awareness in society and communities to reduce air pollution.

ESG Rating History



Source: RHB

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Recommendation Chart



Sep-19 Mar-20 Sep-20 Mar-21 Sep-21 Mar-22 Sep-22 Mar-23 Sep-23 Mar-24

Source: RHB, Bloomberg

Date	Recommendation	Target Price	Price
2024-07-30	Buy	12.0	7.8
2024-03-07	Buy	10.8	8.1
2024-01-11	Buy	10.8	8.0
2023-11-14	Buy	10.8	7.9
2023-10-05	Buy	10.8	8.1
2023-05-16	Buy	11.2	8.7
2023-02-27	Buy	11.0	9.1
2023-02-06	Buy	11.0	9.8
2022-11-17	Buy	11.0	9.5
2022-04-21	Buy	9.9	8.4
2022-02-27	Buy	10.1	8.9
2022-02-16	Buy	10.1	8.7
2021-11-17	Buy	10.1	9.0
2021-09-12	Buy	9.9	8.4
2021-04-15	Buy	10.4	8.1

Source: RHB, Bloomberg

RHB Guide to Investment Ratings

Buy: Share price may exceed 10% over the next 12 months

Trading Buy: Share price may exceed 15% over the next 3 months, however longer-

term outlook remains uncertain

Neutral: Share price may fall within the range of +/- 10% over the next

12 months

 Take Profit:
 Target price has been attained. Look to accumulate at lower levels

 Sell:
 Share price may fall by more than 10% over the next 12 months

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 report.
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- *For the avoidance of doubt, the confirmation is only limited to the staff of research department
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Indonesia

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 - Holding directly or indirectly, individually or jointly own/hold securities or entitled for dividends, interest or proceeds from the sale or exercise of the subject company's securities covered in this report*;
 - b) Being bound by an agreement to purchase securities or has the right to transfer the securities or has the right to pre subscribe the securities*.
 - Being bound or required to buy the remaining securities that are not subscribed/placed out pursuant to an Initial Public Offering*.
 - d) Managing or jointly with other parties managing such parties as referred to in (a), (b) or (c) above.
- PT RHB Sekuritas Indonesia is not a market maker in the securities or capital market products of the subject company(ies) covered in this report.
- None of PT RHB Sekuritas Indonesia's staff** or associated person serve as a director or board member* of the subject company(ies) covered in this report.
- PT RHB Sekuritas Indonesia did not receive compensation for investment banking or corporate finance services from the subject company in the past 12 months.
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Notes:

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The analyst(s) who prepared this report, and their associates hereby, certify that: (1) they do not have any financial interest in the securities or other capital market products of the subject companies mentioned in this report, except for:

Analyst	Company
-	_

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SET ESG Ratings 2023

ชื่อย่อ (Symbol)	Company Name	SET ESG Ratings	ชื่อย่อ (Symbol)	Company Name	SET ESG Ratings	ชื่อย่อ (Symbol)	Company Name	SET ESG Ratings	
ACE	ABSOLUTE CLEAN ENERGY PCL	AA	ETC	EARTH TECH ENVIRONMENT PCL	AA	PPP	PREMIER PRODUCTS PCL	А	
ADVANC	ADVANCED INFO SERVICE PCL	AAA	FPT	FRASERS PROPERTY (THAILAND) PCL	AA	PR9	PRARAM 9 HOSPITAL PCL	AAA	
AGE	ASIA GREEN ENERGY PCL	BBB	GFPT	GFPT PCL	BBB	PSH	PRUKSA HOLDING PCL	BBB	
AΗ	AAPICO HITECH PCL	A	GLOBAL	SIAM GLOBAL HOUSE PCL	AA	PSL	PRECIOUS SHIPPING PCL	Α	
AJ	A.J. PLAST PCL	AAA	GPSC	GLOBAL POWER SYNERGY PCL	AA	PTT	PTT PCL	AAA	
AMATA	AMATA CORPORATION PCL	AAA	GULF	GULF ENERGY DEVELOPMENT PCL	AA	PTTEP	PTT EXPLORATION AND PRO	AAA	
AMATAV	AMATA VN PCL	AA	GUNKUL	GUNKUL ENGINEERING PCL	AA	PTTGC	PTT GLOBAL CHEMICAL PCL	AAA	
AOT	AIRPORTS OF THAILAND PCL	A	HANA	HANA MICROELECTRONICS PCL	AA	QTC	QTC ENERGY PCL	A	
ΑP	AP (THAILAND) PCL	AA	HENG	HENG LEASING AND CAPITAL PCL	A	RATCH	RATCH GROUP PCL	AA	
ASW	ASSETWISE PCL	A	HMPRO	HOME PRODUCT CENTER PCL	AA	RBF	R&B FOOD SUPPLY PCL	BBB	
AWC	ASSET WORLD CORP PCL	A	HTC	HAAD THIP PCL	AA	RS	RS PCL	AA	
BA	BANGKOK AIRWAYS PCL	BBB	ICHI	ICHITAN GROUP PCL	A	S	SINGHA ESTATE PCL	A	
BAFS	BANGKOK AVIATION FUEL SERVICE	AA		TRIPLE I LOGISTICS PCL	BBB	S&J	S & J INTERNATIONAL ENTER	AA	
BAM	BANGKOK COMMERCIAL ASSET M	ΔΔ	II M	INDEX LIVING MALL PCL	BBB	SABINA	SABINA PCI	AAA	
BANPU	BANPU PCI	AAA	INTUCH	NTOUCH HOLDINGS PCI	AA	SAK	SAKSIAM LEASING PCL	A	
BAY	BANK OF AVIIDHYA PCI	ΔΔΔ	IRC	NOUE RUBBER (THAILAND) PCL	Α	SAPPE	SAPPE PCI	BBB	
BBGI	BBGIPCL	AA	IRPC	IRPC PCI	AA A	SAT	SOMBOON ADVANCE TECHN	AA	
BBI	BANGKOK BANK PCI	AA	ITFI	INTERLINK TELECOM PCI	A	SAWAD	SRISAWAD CORPORATION E	BBB	
BCH	BANGKOK CHAIN HOSPITAL PCI	AA	II LL	INDORAMA VENTURES PCL	AA	SC	SC ASSET CORPORATION P	AA	
BCP	BANGCHAK CORPORATION PCL	AAA	JTS	JASMINE TECHNOLOGY SOLUTION PCL	BBB	SCB	SCB X PCL	AA	
BCPG	BANGCHAR CURPURATION PCL		KRANK	KASIKORNBANK PCI					
BDMS	BANGKOK DUSIT MEDICAL SERVIC	AA AA	KEX	KERRY EXPRESS (THAILAND) PCL	AAA BBB	SCC	THE SIAM CEMENT PCL SIAM CITY CEMENT PCL	AAA	
		, , ,							
BEM	BANGKOK EXPRESSWAY AND ME	AA	KKP	KIATNAKIN PHATRA BANK PCL	BBB	SCG	SAHACOGEN (CHONBURI) P	Α	
BGC	BG CONTAINER GLASS PCL	AA	KSL	KHON KAEN SUGAR INDUSTRY PCL	BBB	SCGP	SCG PACKAGING PCL	AAA	
BGRIM	B.GRIMM POWER PCL	AAA	KTB	KRUNG THAI BANK PCL	AAA	SGP	SIAMGAS AND PETROCHEMI	AA	
BJC	BERLI JUCKER PCL	AA	KTC	KRUNGTHAI CARD PCL	AAA	SHR	S HOTELS AND RESORTS PO	Α	
BKIH	BKI HOLDINGS PCL	AAA	LH	LAND AND HOUSES PCL	A	SIRI	SANSIRI PCL	AA	
BLA	BANGKOK LIFE ASSURANCE PCL	AA	LHFG	LH FINANCIAL GROUP PCL	BBB	SITHAI	SRITHAI SUPERWARE PCL	Α	
BPP	BANPU POWER PCL	AAA	MAJOR	MAJOR CINEPLEX GROUP PCL	AA	SJWD	SCGJWD LOGISTICS PCL	AA	
BRI	BRITANIA PCL	AA	MC	MC GROUP PCL	AA	SMPC	SAHAMITR PRESSURE CONT	AA	
BTS	BTS GROUP HOLDINGS PCL	AA	M-CHAI	MAHACHAI HOSPITAL PCL	AAA	SNC	SNC FORMER PCL	Α	
CBG	CARABAO GROUP PCL	А	MEGA	MEGA LIFESCIENCES PCL	A	SNP	S & P SYNDICATE PCL	Α	
CENTEL	CENTRAL PLAZA HOTEL PCL	Α	MFEC	MFEC PCL	AA	SPALI	SUPALAI PCL	AA	
CFRESH	SEAFRESH INDUSTRY PCL	А	MINT	MINOR INTERNATIONAL PCL	AA	SPI	SAHA PATHANA INTER-HOL	Α	
CK	CH. KARNCHANG PCL	A	MSC	METRO SYSTEMS CORPORATION PCL	A	SSSC	SIAM STEEL SERVICE CENTE	BBB	
CKP	CK POWER PCL	AAA	MTC	MUANGTHAI CAPITAL PCL	A	STA	SRITRANG AGRO-INDUSTRY	AAA	
COM7	COM7 PCL	А	NER	NORTH EAST RUBBER PCL	A	STEC	SINO-THAI ENGINEERING AN	A	
CPALL	CP ALL PCL	AAA	NOBLE	NOBLE DEVELOPMENT PCL	AA	STGT	SRI TRANG GLOVES (THAIL	AAA	
CPAXT	CP AXTRA PCL	AAA	NRF	NR INSTANT PRODUCE PCL	A	SUTHA	GOLDEN LIME PCL	A	
CPF	CHAROEN POKPHAND FOODS PCL	AAA	NVD	NIRVANA DEVELOPMENT PCL	AA	SYNEX	SYNNEX (THAILAND) PCL	A	
CPN	CENTRAL PATTANA PCL	AA	NYT	NAMYONG TERMINAL PCL	A	SYNTEC	SYNTEC CONSTRUCTION PC	A	
CRC	CENTRAL RETAIL CORPORATION P	AAA	OR	PTT OIL AND RETAIL BUSINESS PCL	AAA	TCAP	THANACHART CAPITAL PCL	A	
CSC	CROWN SEAL PCL	BBB	ORI	ORIGIN PROPERTY PCL	AA	TFG	THAIFOODS GROUP PCL	Α	
DEMCO	DEMCO PCL	Α	OSP	OSOTSPA PCL	AA	TEMAMA	THAI PRESIDENT FOODS PCL	AAA	
OMT	DON MUANG TOLLWAY PCL	A	PAP	PACIFIC PIPE PCL		TGH	THAI GROUP HOLDINGS PCL	Α	
)RT	DIAMOND BUILDING PRODUCTS PC	ΑΑ	PB	PRESIDENT BAKERY PCI		THANI	RATCHTHANI LEASING PCL	AA	
ASTW	EASTERN WATER RESOURCES DE	AA	PCSGH	P.C.S. MACHINE GROUP HOLDING PCL	BBB	THCOM	THAICOM PCL	AAA	
			PUSGH						
GCO PG	ELECTRICITY GENERATING PCL	AA	PJW PLANS	PANJAWATTANA PLASTIC PCL	A	THIP	THANTAWAN INDUSTRY PCL	A	
PG RW	EASTERN POLYMER GROUP PCL THE ERAWAN GROUP PCL	AA A	PLANB	PLAN B MEDIA PCL PREMIER MARKETING PCL	AA A	THREL	THAIRE LIFE ASSURANCE PO TISCO FINANCIAL GROUP PO	AAA	

ชื่อย่อ	Company Name	SET ESG	ชื่อย่อ	Company Name	SET ESG
(Symbol)		Ratings	(Symbol)		Ratings
TKS	T.K.S. TECHNOLOGIES PCL	Α	mai		
TMT	TMT STEEL PCL	AA	ADB	APPLIED DB PCL	Α
TOA	TOA PAINT (THAILAND) PCL	Α	ARROW	ARROW SYNDICATE PCL	BBB
TOG	THAI OPTICAL GROUP PCL	Α	COLOR	SALEE COLOUR PCL	Α
TOP	THAI OIL PCL	AAA	FPI	FORTUNE PARTS INDUSTRY PCL	AA
TPBI	TPBI PCL	AA	GCAP	G CAPITAL PCL	BBB
TPCS	TPCS PCL	BBB	KUMWEL	KUMWELL CORPORATION PCL	А
TPIPP	TPI POLENE POWER PCL	AA	LIT	LEASE IT PCL	BBB
TPIPL	TPI POLENE PCL	AA	MOONG	MOONG PATTANA INTERNATIONAL PCL	Α
TQM	TQM ALPHA PCL	BBB	NDR	N.D. RUBBER PCL	Α
TSC	THAI STEEL CABLE PCL	Α	PEER	PEER FOR YOU PCL	A
TSTH	TATA STEEL (THAILAND) PCL	Α	PHOL	PHOL DHANYA PCL	A
TTA	THORESEN THAI AGENCIES PCL	AA	PPS	PROJECT PLANNING SERVICE PCL	AA
ТТВ	TMBTHANACHART BANK PCL	AA	SELIC	SELIC CORP PCL	A
TTCL	TTCL PCL	Α	SICT	SILICON CRAFT TECHNOLOGY PCL	A
TTW	TTW PCL	AA	THANA	THANASIRI GROUP PCL	BBB
TVO	THAI VEGETABLE OIL PCL	AA	TVDH	TVD HOLDINGS PCL	BBB
TWPC	THAI WAH PCL	Α			
UBE	UBON BIO ETHANOL PCL	Α			
UPF	UNION PIONEER PCL	BBB			
VGI	VGIPCL	AA			
WACOAL	THAI WACOAL PCL	Α			
WHA	WHA CORPORATION PCL	AAA			
WHAUP	WHA UTILITIES AND POWER PCL	AAA			
WICE	WICE LOGISTICS PCL	AA			
ZEN	ZEN CORPORATION GROUP PCL	AA			

Source: www.setsustainability.com

Corporate Governance Report Rating 2023 (CG Score) as of 13 Nov 2023

A				A
0	0	0	0	0
nonimitationalismi National CG Committee	noninkroneisud National CG Committee	unitahranima Seinal CG Committee	unitalismuniani National CG Committee	NATIONAL PROPERTY OF THE PARTY

Companies with Excellent CG Scoring by alphabetical order

7UP	AMA	BA	BJC	CIMBT	CV	FLOYD	HENG	JAS	LRH	MTI	PAP	PRINC	SA	SENA	SO	SVT	TIDLOR	TPCS	TVT	WINMED
AAV	AMARIN	BAFS	BJCHI	CIVIL	DCC	FN	HMPRO	JTS	LST	NC	PATO	PRM	SABINA	SENX	SPALI	SYMC	TIPH	TPIPL	TWPC	WINNER
ABM	AMATA	BAM	BKI	CK	DDD	FPI	HPT	KBANK	M	NCH	PB	PRTR	SAK	SFP2	SPC	SYNEX	TISCO	TPIPP	UAC	XPG
ACE	AMATAV	BANPU	BLA	CKP	DELTA	FPT	HTC	KCC	MAJOR	NCL	PCSGH	PSH	SAMART	SFT	SPCG	SYNTEC	TK	TPS	UBE	YUASA
ACG	ANAN	BAY	BOL	CM	DEMCO	FSX	ICC	KCE	MALEE	NDR	PDG	PSL	SAMTEL	SGC	SPI	TACC	TKN	TQM	UBIS	ZEN
ADB	AOT	BBGI	BPP	CNT	DMT	FVC	ICHI	KEX	MATCH	NER	PDJ	PT	SAPPE	SGF	SPRC	TAE	TKS	TQR	UKEM	
ADD	AP	BBIK	BRI	COLOR	DOHOME	GBX	ICN	KKP	MBK	NKI	PG	PTC	SAT	SGP	SR	TCAP	TKT	TRT	UP	
ADVANC	APCO	BBL	BROOK	COM7	DRT	GC	III	KSL	MC	NOBLE	PHOL	PTT	SBNEXT	SHR	SSC	TCMC	TLI	TRUE	UPF	
AEONTS	APCS	BC	BRR	сотто	DUSIT	GCAP	ILINK	ктв	M-CHAI	NRF	PIMO	PTTEP	SC	SICT	SSF	TEAMG	TM	TRV	UPOIC	
AF	ARIP	BCH	BTS	CPALL	EA	GENCO	ILM	ктс	MCOT	NTV	PJW	PTTGC	SCB	SIRI	SSSC	TEGH	TMC	TSC	UV	
AGE	ARROW	BCP	BTW	CPAXT	EASTW	GFPT	IMH	KTMS	MEGA	NVD	PLANB	Q-CON	SCC	SIS	STA	TFG	TMD	TSTE	VCOM	
AH	ASEFA	BCPG	BWG	CPF	ECF	GGC	IND	KUMWEL	MFC	NWR	PLAT	QH	SCCC	SITHAI	STC	TFMAMA	TMT	TSTH	VGI	
AHC	ASK	BDMS	BYD	CPI	ECL	GLAND	INET	KUN	MFEC	NYT	PLUS	QTC	SCG	SJWD	STEC	TGE	TNDT	TTA	VIBHA	
AIRA	ASP	BEC	CBG	CPL	EE	GLOBAL	INTUCH	LALIN	MILL	occ	PM	RATCH	SCGP	SKR	STGT	TGH	TNITY	TTB	VIH	
AIT	ASW	BEM	CENTEL	CPN	EGCO	GPSC	IP	LANNA	MINT	OISHI1	POLY	RBF	SCM	SM	STI	THANA	TNL	TTCL	VL	
AJ	ATP30	BEYOND	CFRESH	CPW	EPG	GRAMMY	IRC	LH	MONO	ONEE	PORT	RPH	SDC	SMPC	SUC	THANI	TNR	TTW	WACOAL	
AKP	AUCT	BGC	CHASE	CRC	ERW	GULF	IRPC	LHFG	MOONG	OR	PPP	RS	SEAFCO	SMT	SUN	тнсом	TOA	TURTLE	WGE	
AKR	AWC	BGRIM	CHEWA	CRD	ETC	GUNKUL	ITC	LIT	MSC	ORI	PPS	RT	SEAOIL	SNC	SUSCO	THIP	TOG	TVDH	WHA	
ALLA	AYUD	вн	CHG*	CSC	ETE	HANA	ITEL	LOXLEY	MST	OSP	PR9	S	SECURE	SNNP	SUTHA	THRE	TOP	TVH	WHAUP	
ALT	В	BIZ	CHOW	CSS	FE	HARN	IVL	LPN	MTC	ото	PRG	S&J	SELIC	SNP	SVI	THREL	TPBI	TVO	WICE	



Companies with Very Good CG Scoring by alphabetical order

25	CHIC	HUMAN	LEO	PTECH	SVOA
A5	CI	IFS	LHK	PYLON	SWC
AAI	CIG	INSET	MACO	RCL	TCC
AIE	CMC	IT	METCO	SALEE	TEKA
ALUCON	COMAN	J	MICRO	SANKO	TFM
AMR	CSP	JCKH	MK	SCI	TMILL
APURE	DOD	JDF	MVP	SCN	TNP
ARIN	DPAINT	JKN-	NCAP	SE	TPLAS
AS	DV8	JMART	NOVA	SE-ED	TPOLY
ASIA	EFORL	JUBILE	NTSC	SFLEX	TRC
ASIAN	EKH	K	PACO	SINGER	TRU
ASIMAR	ESSO	KCAR	PIN	SKN	TRUBB
ASN	ESTAR	KGI	PQS	SONIC	TSE
AURA	EVER	KIAT	PREB	SORKON	VRANDA
BR	FORTH	KISS	PRI	SPVI	WAVE
BSBM	FSMART	KK	PRIME	SSP	WFX
BTG	FTI	KTIS	PROEN	SST	WIIK
CEN	GEL	KWC	PROS	STANLY	WIN
CGH	GPI	KWM	PROUD	STP	WP
CH	HEALTH	LDC	PSTC	SUPER	XO



Companies with Good CG Scoring by alphabetical order

24CS	EASON	LEE	PMTA	SOLAR	WORK			
AMANAH	FNS	MASTER	PPM	SPA	WPH			
AMARC	FTE	MBAX	PRAKIT	STECH	YONG			
AMC	GIFT	MEB	PRAPAT	STPI	ZIGA			
APP	GJS	MENA	PRECHA	SVR				
ASAP	GTB	META	PRIN	TC				
BCT	GTV	MGT	PSG	TCCC3				
BE8	GYT	MITSIB	RABBIT	TEAM				
BIG	HL	MJD	READY	TFI				
BIOTEC	HTECH	MOSHI	RJH	TIGER				
BLESS	HYDRO	MUD	RSP	TITLE				
BSM	IIG	NATION	RWI	TKC				
BVG	INGRS	NNCL	S11	TMI				
CAZ	INSURE	NPK	SAAM	TNH		Score Range	Number of Logo	Description
CCET	IRCP	NSL	SAF	TPA		Less than 50	No logo given	-
CHARAN	ITD	NV	SAMCO	TPAC		50-59		Pass
CHAYO	ITNS	OGC	SAWAD	TRITN		00 00		1 400
СНОТІ	JCK	PAF	SCAP	UBA		60-69		Satisfactory
CITY	JMT	PCC	SCP	UMI			inted inted	
CMAN	JR	PEACE	SIAM	UMS		70-79	\triangle \triangle	Good
CMR	JSP	PICO	SKE	UTP				
CRANE	KBS	PK	SKY	VARO		80-89		Very Good
CWT	KGEN	PL	SMART	VPO				
DHOUSE	KJL	PLANET	SMD	W		90-100		Excellent
DTCENT	L&E	PLE	SMIT	WARRIX			201 201 201 201	

Source: http://www.thai-iod.com/th/projects-2.asp

IOD (IOD Disclaimer) 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, RHB Securities (Thailand) Public Company Limited does not confirm, verify, or certify the accuracy and completeness of such survey result.

การเปิดเผลผลการสำรวจของสมาคมส่งเสริมสถาบันกรรมการบริษัทไทย (IOD) ในเรื่องการทำกับดูแลกิจการ (Corporate Governance) นี้เป็นการดำเนินการตามนโยบายของสำนักงานคณะกรรมการทำกับหลักทรัพย์และตลาด หลักทรัพย์ โดยการสำรวจของ IOD เป็นการสำรวจและประเมินจากข้อมูลของบรษัทจดทะเบียนในจลาดหลักทรัพย์แห่งประเทศไทยและตลาดหลักทรัพย์เอ็มเอไอ ที่มีการเปิดเผยต่อสาธารณะและเป็นข้อมูลที่ผู้ลงทุนทั่วไปสามารถเข้าถึงได้ ดังนั้นผลสำรวจดังกล่าวจึงเป็นการนำเสนอในมุมมองของบุคคลภายนอกโดยไม่ได้เป็นการประเมินการประเมิน

อนึ่ง ผลการสำรวจดังกล่าว เป็นผลการสำรวจ ณ วันที่ปรากฏในรายงานการกำกับดูและกิจการบริษัทจดทะเบียนไทยเท่านั้น ดังนั้นผลการสำรวจจึงอาจเปลี่ยนแปลงได้ภายหลังวันดังกล่าว ทั้งนี้บริษัทหลักทรัพย์ อาร์เอชบี จำกัด (มหาชน) มิได้ยืนยันหรือรับรองถึงความถูกต้องของผลการสำรวจดังกล้าวแต่อย่างใด



Anti-Corruption Progress Indicator 2023 (as of 1 Nov 2023)

Certified I	by CAC (ได่	รบการรบร	อง)					
25	BEC	DCC	HARN	LANNA	ORI	PYLON	SMK	THRE
7UP	BEYOND	DELTA	HENG	LH	PAP	Q-CON	SMPC	THREL
AAI	BGC	DEMCO	HMPRO	LHFG	PATO	QH	SNC	TIDLOR
ADVANC	BGRIM	DOHOME	HTC	LHK	PB	QLT	SNP	TIPCO
AF	BKI	DRT	ICC	LPN	PCSGH	QTC	SORKON	TISCO
AH	BLA	DUSIT	ICHI	LRH	PDG	RABBIT	SPACK	TKS
Al	BPP	EA	IFS	М	PDJ	RATCH	SPALI	TKT
AIE	BROOK	EASTW	Ш	MAJOR	PG	RML	SPC	TMD
AIRA	BRR	ECF	ILINK	MALEE	PHOL	RS	SPI	TMILL
AJ	BSBM	EGCO	ILM	MATCH	PIMO	RWI	SPRC	TMT
AKP	BTS	EP	INET	MBAX	PK	S&J	SRICHA	TNITY
AMA	BWG	EPG	INOX	MBK	PL	SAAM	SSF	TNL
AMANAH	CEN	ERW	INSURE	MC	PLANB	SABINA	SSP	TNP
AMATA	CENTEL	ESTAR	INTUCH	MCOT	PLANET	SAK	SSSC	TNR
AMATAV	CFRESH	ETC	IRPC	META	PLAT	SAPPE	SST	TOG
ΑP	CGH	ETE	ΠEL	MFC	PM	SAT	STA	TOP
APCS	CHEWA	FNS	ⅣL	MFEC	PPP	SC	STGT	TOPP
AS	CHOTI	FPI	JAS	MILL	PPPM	SCB	STOWER	TPA
ASIAN	CHOW	FPT	JKN	MINT	PPS	SCC	SUSCO	TPCS
ASK	CIMBT	FSMART	JR	MONO	PR9	SCCC	SVI	TRT
ASP	CM	FTE	JTS	MOONG	PREB	SCG	SYMC	TRU
AWC	CMC	GBX	KASET	MSC	PRG	SCGP	SYNTEC	TRUE
AYUD	CMCF	GC	KBANK	MST	PRINC	SCM	TAE	TSC
В	COM7	GCAP	KBS	MTC	PRM	SCN	TAKUNI	TSI
BAFS	сотто	GEL	KCAR	MTI	PROS	SEAOIL	TASCO	TSTE
BAM	CPALL	GFPT	KCC	NATION	PSH	SE-ED	TCAP	TSTH
BANPU	CPAXT	GGC	KCE	NCAP	PSL	SELIC	TFG	ттв
BAY	CPF	GJS	KGEN	NEP	PSTC	SENA	TFI	TTCL
BBGI	CPI	GPI	KGI	NKI	PT	SGC	TFMAMA	TU
BBL	CPL	GPSC	KKP	NOBLE	PTECH	SGP	TGE	TVDH
BCH	CPN	GSTEEL	KSL	NRF	PTG	SIRI	TGH	TVO
BCP	CPW	GULF	KTB	осс	PTT	SITHAI	THANI	TWPC
BCPG	CRC	GUNKUL	KTC	OGC	PTTEP	SKR	ТНСОМ	U
BE8	CSC	HANA	L&F	OR	PTTGC	SMIT	THIP	UBIS

	Declared (ประกาศเจตนารมณ์)									
	ACE BTG DMT		ICN	LH	NER	PRI	SCB	SVT	TQM	
[ADB	BYD	EKH	IHL	MEGA	NEX	PROEN	SENX	TBN	TRUE
ĺ	ALT	CAZ	FC	ПC	MENA	OSP	PRTR	SFLEX	TEGH	VIBHA
ĺ	AMC	CBG	FSX	J	MITSIB	ото	RBF	SIS	TIPH	W
ĺ	ASW	CI	GLOBAL	JMART	MME	PLUS	RT	SKE	TKN	WPH
ĺ	BLAND	CV	GREEN	JMT	MODERN	POLY	SA	SMM	TPAC	XPG
[BRI	DEXON	HL	LEO	MOVE	PQS	SANKO	SV0A	TPLAS	

N/A									
3K-BAT	BDMS	CPNCG	GL	KTIS	MPIC	PRIN	SHR	TCCC	ПП
A	BEAUTY	CPNREIT	GLAND	KWC	M-STOR	PRO	SHREIT	TCJ	TTW
AAV	BEM	CPT	GLOCON	KYE	NC	PROSPECT	SIAM	TCOAT	TU-PF
ACC	ВН	CPTGF	GRAMMY	LALIN	NCH	PTL	SIRIP	TEAM	TWP
ACG	BIG	CRANE	GRAND	LEE	NEW	QHHR	SISB	TEAMG	TWZ
AEONTS	BIOTEC	CSP	GROREIT	LHHOTEL	NFC	QHOP	SKN	TEKA	TYCN
AFC	BIZ	CSR	GVREIT	LHPF	NNCL	QHPF	SKY	TFFIF	UAC
AGE	BJC	CSS	GYT	LHSC	NOVA	RAM	SLP	TFM	UMI
AHC	BJCHI	CTARAF	HFT	LOXLEY	NSL	RCL	SM	TGPRO	UNIQ
AIMCG	BKD	CTW	HPF	LPF	NTV	RICHY	SMT	TH	UP
AIMIRT	BKKCP	CWT	HTECH	LPH	NUSA	RJH	SNNP	THAI	UPOIC
ΑIT	BLISS	DCON	HUMAN	LST	NV	ROCK	S0	THE	URBNPF
AJA	BOFFICE	DDD	HYDROGEN	LUXF	NVD	ROH	SOLAR	THG	UTP
AKR	BR	DIF	IFEC	MACO	NYT	ROJNA	SPCG	THL	UVAN
ALLA	BROCK	DREIT	IMPACT	MANRIN	OHTL	RPC	SPG	TIF1	VARO
ALLY	BRRGIF	DTCENT	INETREIT	MATI	OISHI	RPH	SPRIME	TK	VNG
ALUCON	BTNC	DTCI	INGRS	MAX	ONEE	RSP	SQ	TKC	VPO
AMARIN	BTSGIF	EASON	INSET	M-CHAI	PACE	S	SRIPANWA	TLHPF	VRANDA
AMATAR	BUI	EE	Π	MCS	PAF	S11	SSC	TLI	WAVE
AMR	B-WORK	EGATIF	ΠD	MDX	PCC	SABUY	SSPF	TNPC	WFX
ANAN	CCET	EMC	JASIF	METCO	PEACE	SAFARI	SSTRT	TNPF	WGE
AOT	CCP	ERWPF	JCK	MICRO	PERM	SAM	STANLY	TOA	WHABT
APCO	CGD	ESS0	JCT	MIDA	PF	SAMART	STEC	TPBI	WHAIR
APEX	CH	EVER	JDF	M-II	PIN	SAMCO	STECH	TPIPL	WHART
APURE	CHARAN	F&D	JWD	MIPF	PLE	SAMTEL	STHAI	TPIPP	WIN
AQ	CHAYO	FANCY	KAMART	MIT	PMTA	SAUCE	STI	TPOLY	WORK
ASAP	CHG	FMT	KBSPIF	MJD	POLAR	SAWAD	STPI	TPRIME	WORLD
ASEFA	CITY	FN	KC	MJLF	POMPUI	SAWANG	SUC	TR	WP
ASIA	CIVIL	FORTH	KDH	MK	POPF	SCAP	SUN	TRC	
ASIMAR	CK	FTI	KEX	ML	PORT	SCI	SUPER	TRITN	
AURA	CKP	FTREIT	KIAT	MNIT	POST	SCP	SUPEREIF	TRUBB	
B52	CMAN	FUTUREP	KISS	MNIT2	PPF	SDC	SUTHA	TSE	
BA	CMR	GAHREIT	KKC	MNRF	PRAKIT	SEAFCO	SYNEX	TSR	
BAREIT	CNT	GENCO	KPNPF	MOSHI	PRECHA	SFP	TC	Ш	
BCT	CPH	GIFT	KTBSTMR	M-PAT	PRIME	SHANG	TCC	TTLPF	

<u>คำชี้แจง:</u> ข้อมูลบริษัทที่เข้าร่วมโครงการแนวร่วมปฏิบัติของภาคเอกชนไทยในการต่อต้านทุจริต (Thai CAC) ของสมาคมส่งเสริมสถาบันกรรมการบริษัทไทย มี 2 กลุ่ม

-ได้ประกาศเจตนารมณ์เข้าร่วม CAC -ได้รับการรับรอง CAC Source :Thai Institute of Directors

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, RHB Securities (Thailand) Public Company Limited does not confirm, verify, or certify the accuracy and completeness of the assessment result.

การเปิดเผยการประเมินดัชน์ชี้วัดความคืบหน้าการป้องกันการมีส่วนเกี่ยวข้องกับการทุจริตคอร์รัปชัน (Anti-corruption Progress Indicators) ของบริษัทจดทะเบียนโนตลาดหลักทรัพย์แห่งประเทศไทยที่จัดทำโดยสถาบันที่เกี่ยวข้องซึ่งมีการเปิดเผยโดย สำนักงาน คณะกรรมการกำกับหลักทรัพย์ และตลาดหลักทรัพย์นี้ เป็นการดำเนินการตามนโยบาย และตามแผนพัฒนาความยั่งยืนสำหรับบริษัทจด ทะเบียนโดยผลการประเมินดังกล่าว สถาบันที่เกี่ยวข้องอาศัยข้อมูลที่ได้รับจากบริษัทจดทะเบียนตามที่ บริษัทจดทะเบียนได้ระบุในแบบแสดง ข้อมูลเพื่อการประเมิน Anti-Corruption ซึ่งอ้างอิงข้อมูลมาจากแบบแสดงรายการข้อมูลประจำปี แบบ (56-1) รายงานประจำปี แบบ (58-2) หรือในเอกสารหรือรายงานอื่นที่เกี่ยวข้องของบริษัทจดทะเบียนนั้น แล้วแต่ กรณี ดังนั้น ผลการประเมินดังกล่าวจึงเป็นการนำสนอในมุมมอง ของสถาบันที่เกี่ยวข้องซึ่งเป็นบุคคลภายนอก โดยมีได้เป็นการประเมินการประเมินดาบันที่เดียงกล่าวเป็นเพียงผลการประเมินดังกล่าวเป็นเพียงผลการประเมินดังกล่าวเป็นเพียงผลการประเมินดังกล่าวแขลงผลประเมินดังกล่าวแต่อย่างใด ทั้งนี้บริษัท หลักทรัพย์ อาร์เอชบ์ จำกัด (มหาชน) มีได้ยืนยันตรวจสอบหรือรับรองความถูกต้องของผลการส่ารวจ

