Airports of Thailand

AOT

Airports of Thailand Public Company Limited

Bloomberg Reuters AOT TB AOT BK

Cleared for takeoff

We maintain our Outperform rating on AOT and keep it as a top pick in the tourism sector. International passengers and earnings are ready for takeoff as Thailand reopens. AOT is working to raise its non-aero revenue and this will be a long-term upside. Over the past three months, share price has risen 9% against the SET's drop of 1%, but remains 6% below pre-COVID-19 level and lags other tourism plays that have increased 2-20%.

AOT's view on international pax trend: Delayed but not derailed. AOT recorded ~1.4mn international passengers during May 1-28, up 46% MoM thanks to Thailand's eased restrictions. This lifted international passengers in 8MFY22 (Oct 2021-May 2022) to ~4.7mn — but this still accounts for only ~18% of its target (announced in Oct 2021) of 26mn international passengers in FY2022 (Oct 2021-Sep 2022). We met with AOT, which told us it is reviewing its passenger target for FY2022, as recovery was detoured by the omicron variant. We expect it, however, to continue to keep FY2024 as the year it will be back to pre-COVID-19 level as this is a year that should see air traffic recover across the world. AOT currently targets 66mn international passengers in FY2023 and 87mn in FY2024.

Rising occupied commercial areas. The revival of Thai tourism and passenger traffic has brought with it a rise in occupancy rate for commercial areas in airports to ~70% currently from the nadir of ~50%. AOT is currently adhering to its plan to end assistance for airlines and concessionaires on March 31, 2023.

Moving to increase non-aero business. The Airport City project will be developed in two areas: 1) on freehold land (~500 rai), on which AOT is waiting for cabinet approval of zoning management and 2) on leasehold land (~700 rai) under contract with the Treasury Department, which has adjusted the periods stated in the terms of use of state property. AOT expects infrastructure construction to take place in FY2022-24 with an estimated capex of ~Bt1.9bn. The details of the project have not been disclosed but will be related to the logistics, perishable goods and distribution center and hotel businesses.

Earnings forecast maintained. We maintain our projection of a reduction in core loss to Bt10bn in FY2022 (from the core loss of Bt15.3bn in FY2021) with core profit of Bt13.8bn in FY2023 based on an assumption of a rise in international passengers to 9mn in FY2022 (from 0.95mn in FY2021) with a jump to 50mn in FY2023, to reach pre-COVID-19 level in FY2025; this is more conservative than AOT's current target. We leave the Airport City project as an upside to our forecast given limited data and uncertain timeline. We are positive toward increasing non-aero business since this will add to earnings and lower earnings volatility in the future.

Risks to our forecast. Unpredictable events such as pandemic and economic slowdowns that will cut travel demand and slow recovery in China outbound.

Forecasts and valuation

Year to 30 Sep	Unit	2020	2021	2022F	2023F	2024F
Revenue	(Btmn)	31,179	7,086	15,058	49,978	71,997
EBITDA	(Btmn)	12,303	(7,541)	(905)	28,874	43,945
Core profit	(Btmn)	5,200	(15,319)	(10,012)	13,841	25,482
Reported profit	(Btmn)	4,321	(16,322)	(10,012)	13,841	25,482
Core EPS	(Bt)	0.36	(1.07)	(0.70)	0.97	1.78
DPS	(Bt)	0.19	0.00	0.00	0.48	0.89
P/E, core	(x)	191.6	N.A.	N.A.	72.0	39.1
EPS growth, core	(%)	(79.6)	N.A.	N.A.	N.A.	84.1
P/BV, core	(x)	7.0	8.9	9.8	8.6	7.4
ROE	(%)	3.5	(11.9)	(9.3)	12.6	20.3
Dividend yield	(%)	0.3	0.0	0.0	0.7	1.3
FCF yield	(%)	1.5	1.8	(0.1)	0.4	1.3
EV/EBIT	(x)	140.5	N.A.	(99.7)	50.3	28.7
EBIT growth, core	(%)	(79.0)	N.A.	N.A.	N.A.	74.0
EV/CE	(x)	8.1	5.6	5.9	5.6	5.4
ROCE	(%)	5.4	(7.0)	(4.6)	8.7	15.1
EV/EBITDA	(x)	78.3	N.A.	N.A.	34.2	22.3
EBITDA growth	(%)	(68.1)	N.A.	N.A.	N.A.	52.2



Tactical: OUTPERFORM

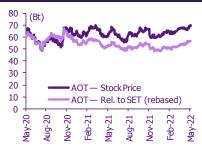
(3-month)

Stock data

Last close (May 31) (Bt)	69.75
Target price (Bt)	75.00
Mkt cap (Btbn)	996.43
Mkt cap (US\$mn)	29,135

Risk rating	L
Mkt cap (%) SET	5.06
Sector % SET	7.98
Shares issued (mn)	14,286
Par value (Bt)	1.00
12-m high / low (Bt)	70.8 / 55.5
Avg. daily 6m (US\$mn)	54.39
Foreign limit / actual (%)	30 / 9
Free float (%)	30.0
Dividend policy (%)	≥ 25

Price performance



Source: SET, SCBS Investment Research

Share performance

Silar e periorina			
(%)	1M	3M	12M
Absolute	4.5	9.0	7.7
Relative to SFT	4.7	9.5	4.8

Source: SET, SCBS Investment Research

Analyst

Raweenuch Piyakriengkai

Fundamental Investment Analyst on Securities (66-2) 949-1002 raweenuch.piyakriengkai@scb.co.th

-- | | | - | | - | |



Value proposition

AOT is Thailand's largest airport operator with ~90% of all air passengers passing through its terminals. AOT operates two major airports in Bangkok (Suvarnabhumi and Don Mueang) and four regional airports in key destinations (Phuket, Chiang Mai, Hai Yai and Chiang Rai).

Business outlook

AOT's operations and earnings in FY2020-22 have been severely damaged by the comatose state of Thai tourism from the virtual elimination of international passenger traffic plus the assistance it is providing to concessionaires of its commercial areas and to airline operators through March 31, 2023. Thai tourism is now on a more certain path of recovery thanks to the step by step lifting of restrictions in concert with rising vaccinations in the country and this will bring AOT's earnings back to the black in FY2023. AOT is working to raise its non-aero revenue down the road. In the future, it targets revenue breakdown between aero: non-aero business at 50:50 from 56:44 pre-COVID-19.

Bullish views	Bearish views
1. Positioned as the first gainer when Thai tourism	1. Sluggish earnings with continued loss in FY2022.
recovers, grounded in its strong financial health that will uphold it.	
2. Long-term strategy to increase non-aero business, e.g.,	
the airport city commercial project.	19 level may be diluted by the virus variants and high
	competition from other countries also pursuing travelers.

Key catalysts

Factor	Event	Impact	Comment
Near-term earnings outlook	3Q-4QFY22 earnings momentur (Apr - Sep 2022)	•	As international passenger traffic drives AOT's earnings, we maintain our view that AOT's operations and earnings will return to life in tandem with Thailand's tourism as the government step by step erases restrictions: on May 1, 2022, all reopening programs (Test&Go, Sandbox and Alternative Quarantine) and the COVID-19 test on arrival were cancelled to make travel to Thailand easier and more attractive, moving closer to a full opening. More international passengers will reduce AOT's core loss YoY and QoQ over the 3Q-4QFY22.
Key catalyst for FY2022	Recovery of international passenger traffic and new commercial area projects	Positive	In our view, both factors will lead to sustained recovery and give upside to earnings.

Sensitivity analysis

Factor	
Change in international	Our sensitivity analysis suggests that ~9mn international passengers per quarter will
passenger numbers	bring operations up to breakeven at the net profit level.



Financial statement Profit and Loss Statement

FY September 30	Unit	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022F	FY2023F	FY2024F
Total revenue	(Btmn)	54,901	60,537	62,783	31,179	7,086	15,058	49,978	71,997
Cost of goods sold	(Btmn)	(25,397)	(27,390)	(28,882)	(23,440)	(22,718)	(24,693)	(30,880)	(37,892)
Gross profit	(Btmn)	29,504	33,147	33,901	7,739	(15,632)	(9,635)	19,098	34,105
SG&A	(Btmn)	-	-	-	-	-	-	-	-
Other income	(Btmn)	1,400	1,381	1,601	1,427	630	1,054	1,999	2,880
Interest expense	(Btmn)	(1,195)	(1,016)	(815)	(646)	(2,973)	(2,674)	(1,985)	(1,802)
Pre-tax profit	(Btmn)	27,322	30,992	31,927	6,216	(19,542)	(12,609)	17,613	32,303
Corporate tax	(Btmn)	(5,445)	(5,903)	(6,389)	(1,038)	4,173	2,522	(3,523)	(6,461)
Equity a/c profits	(Btmn)	-	-	-	(0)	(0)	-	-	-
Minority interests	(Btmn)	(56)	(54)	(69)	22	50	75	(250)	(360)
Core profit	(Btmn)	21,821	25,036	25,470	5,200	(15,319)	(10,012)	13,841	25,482
Extra-ordinary items	(Btmn)	(1,137)	135	(443)	(879)	(1,003)	-	-	-
Net Profit	(Btmn)	20,684	25,171	25,026	4,321	(16,322)	(10,012)	13,841	25,482
EBITDA	(Btmn)	34,162	37,650	38,593	12,303	(7,541)	(905)	28,874	43,945
Core EPS	(Bt)	1.53	1.75	1.78	0.36	(1.07)	(0.70)	0.97	1.78
Net EPS	(Bt)	1.45	1.76	1.75	0.30	(1.14)	(0.70)	0.97	1.78
DPS	(Bt)	0.86	1.05	1.05	0.19	0.00	-	0.48	0.89

Bal			

Dalatice Sticee									
FY September 30	Unit	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022F	FY2023F	FY2024F
Total current assets	(Btmn)	71,655	77,068	80,787	50,491	21,499	42,463	54,963	70,393
Total fixed assets	(Btmn)	93,625	96,334	104,069	110,130	112,157	123,875	135,501	144,328
Total assets	(Btmn)	178,410	187,709	198,382	173,559	195,086	209,775	228,644	248,559
Total loans	(Btmn)	23,511	17,907	13,697	11,093	9,266	31,816	40,605	48,166
Total current liabilities	(Btmn)	20,728	23,203	26,182	15,333	13,610	20,181	18,121	19,212
Total long-term liabilities	(Btmn)	19,229	13,685	10,516	8,245	6,080	28,657	37,446	45,007
Total liabilities	(Btmn)	46,721	43,439	43,843	30,527	81,664	107,203	112,232	113,585
Paid-up capital	(Btmn)	14,286	14,286	14,286	14,286	14,286	14,286	14,286	14,286
Total equity	(Btmn)	131,689	144,269	154,539	143,032	113,421	102,572	116,413	134,974
BVPS	(Bt)	9.20	10.07	10.77	9.96	7.94	7.10	8.07	9.37

Cash Flow Statement

easii i ioii etatoiiiciit									
FY September 30	Unit	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022F	FY2023F	FY2024F
Core Profit	(Btmn)	21,821	25,036	25,470	5,200	(15,319)	(10,012)	13,841	25,482
Depreciation and amortization	(Btmn)	5,645	5,642	5,851	5,441	9,027	9,031	9,276	9,840
Operating cash flow	(Btmn)	27,102	33,818	32,916	259	(11,935)	1,876	19,667	27,372
Investing cash flow	(Btmn)	(8,423)	(15,608)	(11,578)	14,705	20,561	(3,014)	(15,913)	(14,599)
Financing cash flow	(Btmn)	(15,247)	(18,926)	(20,008)	(19,068)	(5,976)	7,806	8,789	641
Net cash flow	(Btmn)	3,431	(716)	1,330	(4,104)	2,651	6,668	12,543	13,414

Key Financial Ratios

FY September 30	Unit	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022F	FY2023F	FY2024F
Gross margin	(%)	53.7	54.8	54.0	24.8	(220.6)	(64.0)	38.2	47.4
Operating margin	(%)	53.7	54.8	54.0	24.8	(220.6)	(64.0)	38.2	47.4
EBITDA margin	(%)	62.2	62.2	61.5	39.5	(106.4)	(6.0)	57.8	61.0
EBIT margin	(%)	51.9	52.9	52.2	22.0	(233.8)	(66.0)	39.2	47.4
Net profit margin	(%)	37.7	41.6	39.9	13.9	(230.4)	(66.5)	27.7	35.4
ROE	(%)	17.3	18.1	17.0	3.5	(11.9)	(9.3)	12.6	20.3
ROA	(%)	12.4	13.7	13.2	2.8	(8.3)	(4.9)	6.3	10.7
Net D/E	(x)	Net cash							
Interest coverage	(x)	28.6	37.1	47.4	19.0	(2.5)	(0.3)	14.5	24.4
Debt service coverage	(x)	6.2	7.2	9.7	3.5	(1.2)	(0.2)	5.6	8.9
Payout Ratio	(%)	59.4	59.6	59.9	50.0	0.0	0.0	50.0	50.0

Main Assumptions

riain Assumptions									
FY September 30	Unit	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022F	FY2023F	FY2024F
Total passengers	(mn)	129.2	139.5	141.9	72.6	20.0	43.7	96.3	129.3
- International	(mn)	72.5	80.5	84.0	37.5	1.0	9.0	50.0	71.4
- Domestic	(mn)	56.7	59.0	57.8	35.2	19.1	34.7	46.3	57.8
Total passenger growth	(%)	7.7	8.0	1.7	(48.8)	(72.5)	118.4	120.3	34.3
- International	(%)	6.6	11.0	4.4	(55.4)	(97.5)	845.7	455.6	42.9
- Domestic	(%)	9.3	4.2	(2.0)	(39.2)	(45.8)	82.0	33.3	25.0



Financial statement Profit and Loss Statement

(Btmn)

(Btmn)

(Btmn)

7,306

(553)

1,286

(3,536)

(1,105)

(9,331)

FY September 30	Unit	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	1QFY22	2QFY22
Total revenue	(Btmn)	1,319	1,853	2,176	1,778	1,667	1,465	2,327	3,017
Cost of goods sold	(Btmn)	(4,623)	(4,796)	(5,570)	(5,425)	(5,531)	(6,192)	(5,693)	(5,925)
Gross profit	(Btmn)	(3,304)	(2,943)	(3,394)	(3,647)	(3,864)	(4,727)	(3,366)	(2,908)
SG&A	(Btmn)	-	-	-	-	-	-	-	-
Other income	(Btmn)	422	163	212	125	117	177	73	129
Interest expense	(Btmn)	(155)	(148)	(748)	(743)	(740)	(742)	(739)	(734)
Pre-tax profit	(Btmn)	(3,403)	(3,567)	(4,397)	(4,639)	(4,882)	(5,624)	(4,498)	(3,972)
Corporate tax	(Btmn)	761	973	945	923	885	1,421	1,090	749
Equity a/c profits	(Btmn)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Minority interests	(Btmn)	27	9	9	6	33	2	32	(130)
Core profit	(Btmn)	(2,615)	(2,585)	(3,443)	(3,710)	(3,965)	(4,201)	(3,376)	(3,353)
Extra-ordinary items	(Btmn)	(319)	(1,143)	1	66	(114)	(956)	(895)	77
Net Profit	(Btmn)	(2,934)	(3,728)	(3,442)	(3,644)	(4,079)	(5,157)	(4,272)	(3,276)
EBITDA	(Btmn)	(1,916)	(2,038)	(1,498)	(1,789)	(2,051)	(2,204)	(1,467)	(1,054)
Core EPS	(Bt)	(0.18)	(0.18)	(0.24)	(0.26)	(0.28)	(0.29)	(0.24)	(0.23)
Net EPS	(Bt)	(0.21)	(0.26)	(0.24)	(0.26)	(0.29)	(0.36)	(0.30)	(0.23)
Balance Sheet FY September 30	Unit	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	1QFY22	2QFY22
Total current assets	(Btmn)	57,618	50,491	40,156	30,948	26,293	21,499	13,532	11,258
Total fixed assets	(Btmn)	107,831	110,130	110,387	110,301	110,352	112,157	111,831	111,681
Total assets	(Btmn)	178,077	173,559	207,613	200,475	197,235	195,086	185,462	182,510
Total loans	(Btmn)	11,443	11,123	10,995	9,963	9,673	9,266	8,424	7,552
Total current liabilities	(Btmn)	15,429	15,333	11,532	10,510	10,848	13,610	9,807	9,984
Total long-term liabilities	(Btmn)	8,685	8,275	7,455	6,757	6,341	6,080	5,254	4,452
Total liabilities	(Btmn)	30,564	30,527	78,734	77,916	78,767	81,664	76,425	76,609
Paid-up capital	(Btmn)	14,286	14,286	14,286	14,286	14,286	14,286	14,286	14,286
Total equity	(Btmn)	147,513	143,032	128,879	122,559	118,467	113,421	109,036	105,902
BVPS	(Bt)	10.33	10.01	9.02	8.58	8.29	7.94	7.63	7.41
Cash Flow Statement									
FY September 30	Unit	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	1QFY22	2QFY22
Core Profit	(Btmn)	(2,615)	(2,585)	(3,443)	(3,710)	(3,965)	(4,201)	(3,376)	(3,353)
Depreciation and amortization	(Btmn)	1,333	1,381	2,151	2,107	2,091	2,678	2,293	2,184
Operating cash flow	(Btmn)	(5,467)	(4,689)	(5,914)	(1,732)	(1,998)	(2,291)	(2,813)	5,909

Key Financial Ratios

Investing cash flow

Financing cash flow

Net cash flow

FY September 30	Unit	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	1QFY22	2QFY22
Gross margin	(%)	(250.4)	(158.8)	(156.0)	(205.2)	(231.9)	(322.6)	(144.6)	(96.4)
Operating margin	(%)	(250.4)	(158.8)	(156.0)	(205.2)	(231.9)	(322.6)	(144.6)	(96.4)
EBITDA margin	(%)	(145.2)	(110.0)	(68.8)	(100.6)	(123.0)	(150.4)	(63.0)	(34.9)
EBIT margin	(%)	(246.2)	(184.5)	(167.7)	(219.2)	(248.5)	(333.2)	(161.5)	(107.3)
Net profit margin	(%)	(222.4)	(201.2)	(158.2)	(205.0)	(244.7)	(352.0)	(183.5)	(108.6)
ROE	(%)	(7.0)	(7.1)	(10.1)	(11.8)	(13.2)	(14.5)	(12.1)	(12.5)
ROA	(%)	(5.7)	(5.9)	(7.2)	(7.3)	(8.0)	(8.6)	(7.1)	(7.3)
Net D/E	(x)	Net cash	0.0						
Interest coverage	(x)	(12.4)	(13.8)	(2.0)	(2.4)	(2.8)	(3.0)	(2.0)	(1.4)
Debt service coverage	(x)	(2.3)	(2.4)	(0.9)	(1.2)	(1.3)	(1.4)	(1.0)	(0.7)

6,928

(460)

554

6,340

801

(3,807)

120

(642)

(2,519)

7,173

(1,067)

3,816

3,073

(2,044)

(1,785)

883

(694)

6,098

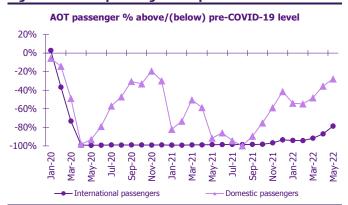
Main Assumptions

FY September 30	Unit	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	1QFY22	2QFY22
Total passengers	(mn)	1.4	7.5	10.7	5.1	3.2	1.0	6.9	8.9
- International	(mn)	0.1	0.2	0.2	0.2	0.2	0.3	0.9	1.5
- Domestic	(mn)	1.3	7.3	10.5	4.9	3.0	0.7	6.0	7.4
Total passenger growth	(%)	(95.7)	(78.0)	(70.8)	(81.3)	126.7	(86.7)	(35.6)	76.9
- International	(%)	(99.3)	(99.1)	(99.1)	(98.7)	80.8	60.1	330.8	658.5
- Domestic	(%)	(90.6)	(45.5)	(27.6)	(59.7)	131.4	(90.6)	(42.6)	52.8

Wed, Jun 1, 2022 4

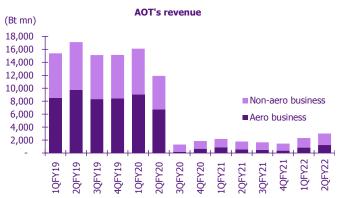
SCBS 🛕

Figure 1: AOT's passengers vs. pre-COVID-19 level



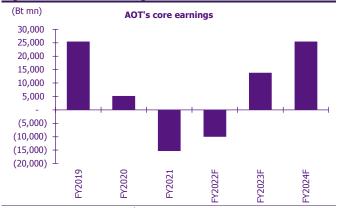
Source: AOT and SCBS Investment Research

Figure 3: AOT's revenue breakdown



Source: AOT and SCBS Investment Research

Figure 5: AOT's earnings forecast



Source: SCBS Investment Research

Figure 2: International passenger traffic assumption



Source: AOT and SCBS Investment Research

Figure 4: AOT's quarterly earnings

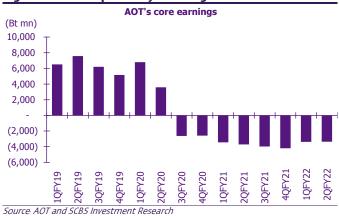
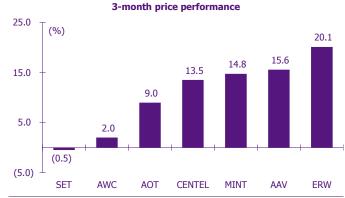


Figure 6: Share price performance



Source: SET and SCBS Investment Research

Figure 7: Valuation summary (price as of May 31, 2022)

	Rating	Price	Target	ETR	P/E (x)		EPS growth (%)		P/BV (x)		ROE (%)			Div. Yield (%)			EV/EBITDA (x)					
		(Bt/Sh)	(Bt/Sh)	(%)	21A	22F	23F	21A	22F	23F	21A	22F 2	23F	21A	22F	23F	21A	22F	23F	21A	22F	23F
AAV	Underperform	2.82	2.0	(29.1)	n.m.	n.m.	n.m.	65.3	(29.8)	86.3	1.8	4.5	5.0	(26.8)	(46.4)	(10.8)	0.0	0.0	0.0	n.m.	139.6	13.4
AOT	Outperform	69.75	75.0	8.2	n.m.	n.m.	72.0	n.m.	34.6	n.m.	8.9	9.8	8.6	(11.9)	(9.3)	12.6	0.0	0.0	0.7	n.m.	n.m.	34.2
Average					n.m.	n.m. 🕽	72.0	65.3	2.4	86.3	5.3	7.2	6.8	(19.4)	(27.8)	0.9	0.0	0.0	0.3	n.m.	139.6	23.8

Source: SCBS Investment Research



Disclaimer

The information in this report has been obtained from sources believed to be reliable. However, its accuracy or completeness is not guaranteed. Any opinions expressed herein reflect our judgment at this date and are subject to change without notice. This report is for information only. It is not to be construed as an offer, or solicitation of an offer to sell or buy any securities. We accept no liability for any loss arising from the use of this document. We or our associates may have an interest in the companies mentioned therein.

SCB Securities Company Limited ("SCBs") is a wholly-owned subsidiary of The Siam Commercial Bank Public Company Limited ("SCBs"). Any information related to SCB is for sector comparison purposes.

This document is prepared by SCB Securities Company Limited ("SCBS") which is wholly-owned by the Siam Commercial Bank Public Company Limited ("SCB"). SCB acts as financial advisor of the SCG Chemicals Public Company Limited (SCGC). Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the "Information") is provided as general information purposes only and shall not be construed as individualized recommendation of an offer to buy or sell any securities. SCBS and/or its directors, officers and employees shall not be liable for any direct, indirect, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and SCBS cannot guarantee the accuracy, completeness and/or correctness of the Information.

This document is prepared by SCB Securities Company Limited ("SCBS") which is wholly-owned by The Siam Commercial Bank Public Company Limited ("SCB"). SCB may be appointed to act as financial advisor in relation to transactions to be carried out by Thai Oil Company Limited. Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the "Information") is provided as general information purposes only and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. SCBS and/or its directors, officers and employees shall not be liable for any direct, indirect, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and SCBS cannot guarantee the accuracy, completeness and/or correctness of the Information.

This document is prepared by SCB Securities Company Limited ("SCBS") which is wholly-owned by The Siam Commercial Bank Public Company Limited ("SCB"). SCB has acted as Financial Advisor, Lead Arranger of Global Power Synergy Public Company Limited. Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the "Information") is provided as general information purposes only, and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. SCBS and/or its directors, officers and employees shall not be liable for any direct, indirect, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and SCBS cannot guarantee the accuracy, completeness and/or correctness of the Information.

This document is prepared by SCB Securities Company Limited ("SCBS") which is wholly-owned by The Siam Commercial Bank Public Company Limited ("SCB"). SCB Asset Management Company Limited ("SCBM") which is wholly-owned by The Siam Commercial Bank Public Company Limited ("SCB"). SCB has acted as Financial Advisor of Digital Telecommunications Infrastructure Fund. SCBAM has acted as Fund Manager of Digital Telecommunications Infrastructure Fund. Any opinions, news, research, analyses, prices, statements, forecasts, projections and/or other information contained in this document (the "Information") is provided as general information purposes only, and shall not be construed as individualized recommendation of an offer to buy or sell or the solicitation of an offer to buy or sell any securities. SCBS and/or its directors, officers and employees shall not be liable for any direct, indirect, incidental, special or consequential loss or damage, resulting from the use of or reliance on the Information, including without limitation to, damages for loss of profits. The investors shall use the Information in association with other information and opinion, including their own judgment in making investment decision. The Information is obtained from sources believed to be reliable, and SCBS cannot guarantee the accuracy, completeness and/or correctness of the Information.

SCBS reserves the right to modify the Information from time to time without notice and in its sole discretion. This document is delivered to intended recipient(s) only and is not permitted to reproduce, retransmit, disseminate, sell, distribute, republish, circulate or commercially exploit the Information in any manner without the prior written consent of SCBS.

Futures and Options trading carry a high level of risk with the potential for substantial losses, and are not suitable for all persons. Before deciding to trade Futures and Options, you should carefully consider your financial position, investment objectives, level of experience, and risk appetite if Futures and Options trading are appropriate. The possibility exists that you could sustain a loss of some or all of your initial investment. You should be aware of all the risks associated with Futures and Options trading, and you are advised to rely on your own judgment while making investment decision and/or should seek advice from professional investment advisor if you have any doubts.

This document is delivered to intended recipient(s) only and is not permitted to reproduce, retransmit, disseminate, sell, distribute, republish, circulate or commercially exploit the Information in any manner without the prior written consent of SCBS.

 $\label{lem:copyright} \begin{center} {\tt Copyright@2012~SCB~Securities~Company~Limited.~All~rights~reserved.} \end{center}$



CG Rating 2021 Companies with CG Rating

Companies with Excellent CG Scoring

AAV, ADVANC, AF, AH, AIRA, AKP, AKR, ALT, AMA, AMATA, AMATAV, ANAN, AOT, AP, ARIP, ARROW, ASP, AUCT, AWC, AYUD, BAFS, BANPU, BAY, BBL, BCP, BCPG, BDMS, BEM, BGC, BGRIM, BIZ, BKI, BOL, BPP, BRR, BTS, BTW, BWG, CENTEL, CFRESH, CHEWA, CHO, CIMBT, CK, CKP, CM, CNT, COM7, COMAN, COTTO, CPALL, CPF, CPI, CPN, CRC, CSS, DDD, DELTA, DEMCO, DRT, DTAC, DUSIT, EA, EASTW, ECF, ECL, EE, EGCO, EPG, ETC, FPI, FPT, FSMART, GBX, GC, GCAP, GFPT, GGC*, GLAND, GLOBAL, GPI, GPSC, GRAMMY, GULF, GUNKUL, HANA, HARN, HMPRO, ICC, ICHI, III, ILINK, ILM, INTUCH, IP, IRPC, ITEL, IVL, JSP, JWD, K, KBANK, KCE, KKP, KSL, KTB, KTC, LALIN, LANNA, LH, GRAMMY, GULF, GUNKUL, HANA, HARN, HMPRO, ICC, ICHI, III, ILINK, ILM, INTUCH, IP, IRPC, ITEL, IVL, JSP, JWD, K, KBANK, KCE, KRP, KSL, KTB, KTC, LALIN, LANNA, LH, LHFG, LIT, LPN, MACO, MAJOR, MAKRO, MALEE, MBK, MBKET, MC, MCOT, METCO, MFEC, MINT, MONO, MOONG, MSC, MTC, MVP, NCL, NEP, NER, NKI, NOBLE, NSI, NVN, NWR, NYT, OISHI, OR, ORI, OSP, OTO, PAP, PCSGH, PDG, PDJ, PG, PHOL*, PLANB, PLANET, PLAT, PORT, PPS, PR9, PREB, PRG, PRM, PROUD, PSH, PSL, PTG, PTTFP, PTTGP, PTTGC, PYLON, Q-CON, QH, QTC, RATCH, RS, S, S & J, SAAM, SABINA, SAMART, SAMTEL, SAT, SC, SCB, SCC, SCCC, SCG, SCGP, SCM, SDC, SEAFCO, SEAOIL, SE-ED, SELIC, SENA, SHR, SIRI, SIS, SITHAI, SMK, SMPC, SNC, SONIC, SPALI, SPI, SPRC, SPVI, SSSC, SST, STA, STEC*, STI, SUN, SUSCO, SUTHA, SVI*, SYMC, SYNTEC, TACC, TASCO, TCAP, TEAMG, TFMAMA, TGH, THANA, THANI, THCOM, THG, THIP, THRE, THREL, TIP¹, TIPCO, TISCO, TK, TKT, TMT, TNDT, TNITY, TOA, TOP, TPBI, TQM, TRC, TRU, TRUE, TSC, TSR, TSTE, TSTH, TTA, TTB, TTCL, TTW, TU, TVD, TVI, TVO, TWPC, U, UAC, UBIS, UV, VGI, VIH, WACOAL, WAVE, WHA, WHAUP, WICE, WINNER, ZEN

Companies with Very Good CG Scoring

2S, 7UP, ABICO, ABM, ACE, ACG, ADB, AEONTS, AGE, AHC, AIT, ALL, ALLA, ALUCON, AMANAH, AMARIN, APCO, APCS, APURE, AQUA, ASEFA, ASIAN, ASK, ATP30, BA, BC, BEC, BFIT, BJCHI, BR, CBG, CGH, CHAYO, CHOTI, CI, CMC, CPL, CRD, CSP, DCC, ASAP, ASIA, ASIMAR, ASN, B, BAM, BCH, BEYOND, BJC, BLA, BROOK, CEN, CHARAN, CHG, CHOW, CIG, COLOR, CPW, CSC, CWT, DCON, DHOUSE, DOD, DOHOME, DV8, EASON, EFORL, ERW, ESSO, ESTAR, ETE, FE, FLOYD, FN, FNS, FORTH, FSS, FTE, FVC, GEL, GENCO, GJS, GYT, HEMP, HPT, HTC, HYDRO, ICN, IFS, IMH, IND, INET, INSET, INSURE, IRC, IRCP, IT, ITD*, J, JAS, JCK, JCKH, JMART, JMT, KBS, KCAR, KEX, KGI, KIAT*, KISS, KOOL, KTIS, KUMWEL, KUN, KWC, KWM, L&E, LDC, LEO, LHK, LOXLEY, LRH, LST, M, MATCH, MBAX, MEGA, META, MFC*, MGT, MICRO, MILL, MITSIB, MK, MODERN, MTI, NBC, NCAP, NCH, NETBAY, NEX, NINE, NRF, NTV, OCC, OGC, PATO, PB, PICO, PIMO, PJW, PL, PM, PMTA, PPP, PPPM, PRIME, PRIN, PRINC, PSTC, PT, QLT, RBF, RCL, RICHY, RML, ROJNA, RPC, RT, RWI, S11, SA, SAK, SALEE, SAMCO, SANKO, SAPPE, SAWAD, SCI, SCN, SCP, SE, SFLEX, SFP, SFT, SGF, SIAM, SINGER, SKE, SKN, SKR, SKY, SLP, SMIT, SMT, SNP, SO, SORKON, SPA, SPC, SPCG, SR, SRICHA, SSC, SSF, STANLY, STGT, STOWER*, STPI, SUC, SWC, SYNEX, T, TAE, TAKUNI, TBSP, TCC, TCMC, TEAM, TFG, TFI, TIGER, TITLE, TKN, TKS, TM, TMC, TMD, TMI, TMILL, TNL, TNP, TOG, TPA, TPAC, TPCS, TPS, TRITN, TRT, TSE, TVT, TWP, UEC, UMI, UOBKH, UP, UPF, UPOIC, UTP, VCOM, VL, VNT, NDP, TMIN, TMI, TMILL, TNP, TOG, TPA, TPAC, TPCS, TPS, TRITN, TRT, TSE, TVT, TWP, UEC, UMI, UOBKH, UP, UPF, UPOIC, UTP, VCOM, VL, VNT, TRESS, TM, TMC, TMD, TMI, TMILL, TNP, TOG, TPA, TPAC, TPCS, TPS, TRITN, TRT, TSE, TVT, TWP, UEC, UMI, UOBKH, UP, UPF, UPOIC, UTP, VCOM, VL, VNT, TRESS, TMC, TRESS, TMC, TRESS, TMC, TRESS, VPO, VRANDA, WGE, WIIK, WP, XO, XPG, YUASA

Companies with Good CG Scoring

Companies with Good Cd Sching
A, AI, AIE, AJ, AMC, APP, AQ, ARIN, AS, AU, B52, BEAUTY, BGT, BH, BIG, BLAND, BM, BROCK, BSBM, BSM, BYD*, CCP, CITY, CMO, CPT, CSR, EKH, EP, FMT, GLOCON*, GSC, HTECH, IHL, INGRS, JAK, JTS, KASET, KK, KWG, LEE, BTNC, CAZ, CGD, CMAN, CMR, CRANE, D, EMC, F&D, GIFT, GREEN, GTB, HUMAN, IIG, INOX, JR, JUBILE, KCM, KKC, KYE, LPH, MATI, M-CHAI, MCS, MDX, MJD, MORE, MUD, NC, NDR, NFC, NNCL, NOVA, NPK, NUSA, OCEAN, PAF, PF, PK, PLE, PPM, PRAKIT, PRAPAT, PRECHA, PTL, RCI², RJH, RP, RPH, RSP, SABUY, SF, SGP, SICT, SIMAT, SISB, SK, SMART, SOLAR, SPACK, SPG, SQ, SSP, STARK, STC, SUPER, SVOA, TC, TCCC, THMUI, TNH, TNR, TOPP, TPCH, TPIPP, TPLAS, TPOLY, TQR, TTI, TYCN, UKEM, UMS, UNIQ, UPA, UREKA, VIBHA, W, WIN, WORK, WPH, YGG, ZIGA

Corporate Governance Report

The material contained in this publication is for general information only and is not intended as advice on any of the matters discussed herein. Readers and others should perform their own independent analysis as to the accuracy or completeness or legality of such information. The Thai Institute of Directors, its officers, the authors and editor make no representation or warranty as to the accuracy, completeness or legality of any of the information contained herein. By accepting this document, each recipient agrees that the Thai Institute of Directors Association, its officers, the authors and editor shall not have any liability for any information contained in, or for any omission from, this

. 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. SCB Securities Company Limited does not conform nor certify the accuracy of such survey result.

To recognize well performers, the list of companies attaining "Good", "Very Good" and "Excellent" levels of recognition (Not including listed companies qualified in the "no announcement of the results" clause from 1 January 2020 to 26 October 2021) is publicized.

- TIP was voluntarily delisted from the Stock Exchange of Thailand effectively on July 24, 2021
- ² RCI was voluntarily delisted from the Stock Exchange of Thailand, effectively on July 16, 2021
- * บริษัทหรือกรรมการหรือผู้บริหารของบริษัททมีีข่าวด้านการกากับดูแลกิจการ เช่น การกระทาผิดเกี่ยวกับหลักทรัพย์ การทุจริต คอร์รัปขัน เป็นต้น ซึ่งการใช้ข้อมูล CGR ควรตระหนักถึงข่าวดังกล่าว ประกอบด้วย

Anti-corruption Progress Indicator

Certified (ได้รับการรับรอง)

2S, 7UP, ADVANC, AF, AI, ÁIE, AIRA, AKP, AMA, AMANAH, AMATA, AMATAV, AP, APCS, AQUA, ARROW, AS, ASIAN, ASK, ASP, AWC, AYUD, B, BAFS, BAM, BANPU, BAY, BBL, BCH, BCP, BCPG, BE8, BEYOND, BGC, BGRIM, BJCHI, BKI, BLA, BPP, BROOK, BRR, BSBM, BTS, BWG, CEN, CENTEL, CFRESH, CGH, CHEWA, CHOTI, CHOW, CIG, CIMBT, CM, CMC, COM7, COTTO, CPALL, CPF, CPI, CPN, CSC, DCC, DELTA, DEMCO, DIMET, DRT, DTAC, DUSIT, EA, EASTW, ECL, EGCO, EP, EPG, ERW, ESTAR, ETE, FE, FNS, FPI, FPT, FSMART, FSS, FTE, GBX, GC, GCAP, GEL, GFPT, GGC, GJS, GPI, GPSC, GSTEEL, GULF, GUNKUL, HANA, HARN, HEMP, HENG, HMPRO, HTC, ICC, ICHI, IFEC, IFS, ILINK, INET, INSURE, INTUCH, IRC, IRPC, ITEL, IVL, JKN, JR, K, KASET, KBANK, KBS, KCAR, KCE, KGI, KKP, KSL, KTB, KTC, KWC, KWI, L&E, LANNA, LH, LHFG, LHK, LPN, LRH, M, MAKRO, INSURE, INTUCH, IRC, IRPC, ITEL, IVL, JKN, JR, K, KASET, KBANK, KBS, KCAR, KCE, KGI, KKP, KSL, KTB, KTC, KWC, KWI, L&E, LANNA, LH, LHFG, LHK, LPN, LRH, M, MARRO, MALEE, MATCH, MBAX, MBK, MC, MCOT, META, MFC, MILL, MINT, MONO, MOONG, MSC, MST, MTC, MTI, NATION, NBC, NEP, NINE, NKI, NNCL, NOBLE, NOK, NSI, NWR, OCC, OGC, ORI, PAP, PATO, PB, PCSGH, PDG, PPJ, PP, PP, PPH, PR, PRP, PPPM, PPS, PR9, PREB, PRG, PRINC, PRM, PROS, PSH, PSL, PSTC, PT, PTECH, PTG, PTT, PTTEP, PTTGC, PYLON, Q-CON, QH, QLT, QTC, RATCH, RML, RWI, S & J, SAAM, SABINA, SAPPE, SAT, SC, SCC, SCCC, SCG, SCGP, SCM, SCN, SEAOIL, SE-ED, SELIC, SENA, SGP, SINGER, SIRI, SITHAI, SKR, SMIT, SMK, SMPC, SNC, SNP, SORKON, SPACK, SPALI, SPC, SPI, SPRC, SRICHA, SSF, SSP, SSSC, SST, STA, STOWER, SUSCO, SVI, SYMC, SYNTEC, TAE, TAKUNI, TASCO, TCAP, TCMC, TFG, TFI, TFMAMA, TGH, THANI, THCOM, THIP, THRE, THREL, TIDLOR, TIPCO, TISCO, TKS, TKT, TMD, TMILL, TMT, TNITY, TNL, TNP, TOG, TOP, TOPP, TPA, TPCS, TPP, TRU, TRUE, TSC, TSTE, TSTH, TTA, TTB, TTCL, TU, TVD, TVI, TVO, TWPC, U, UBE, UBIS, UEC, UKEM, UOBKH, UPF, UV, VGI, VIH, WACOAL, WHA, WHAUP, WICE, WIIK, XO, YUASA, ZEN, ZIGA

Declared (ประกาศเจตนารมณ์)
AH, AJ, ALT, APCO, B52, BEC, CHG, CI, CPL, CPR, CPW, CRC, DDD, DHOUSE, DOHOME, ECF, EKH, ETC, EVER, FLOYD, III, ILM, INOX, JTS, KEX, KUMWEL, LDC, MAJOR, MEGA, NCAP, NOVA, NRF, NUSA, NYT, OR, PIMO, PLE, RS, SAK, SIS, STECH, STGT, SUPER, TKN, TMI, TQM, TSI, VARO, VCOM, VIBHA, WIN

3K-BAT, A, A5, AAV, ABICO, ABM, ACAP, ACC, ACE, ACG, ADB, ADD, AEONTS, AFC, AGE, AHC, AIT, AJA, AKR, ALL, ALLA, ALPHAX, ALUCON, AMARIN, AMC, AMR, ANAN, AOT, APEX, APP, APURE, AQ, ARIP, ASAP, ASEFA, ASIA, ASIMAR, ASN, ATP30, AU, AUCT, BA, BBGI, BBIK, BC, BCT, BDMS, BEAUTY, BEM, BFIT, BGT, BH, BIG, BIOTEC, BIS, BIZ, BJC, BKD, BLAND, BLISS, BM, BOL, BR, BRI, BROCK, BSM, BTNC, BTW, BUI, BYD, CAZ, CBG, CCET, CCP, CEYE, CGD, CHARAN, CHAYO, CHO, CITY, CIVIL, CK, CKP, CMAN, CMO, CMR, CNT, COLOR, COMAN, CPANEL, CPH, CPT, CRANE, CRD, CSP, CSR, CSS, CTW, CV, CWT, D, DCON, DITTO, DMT, DOD, DPAINT, DTCI, DV8, EASON, EE, EFORL, EMC, ESSO, F&D, FANCY, FMT, FN, FORTH, FTI, FVC, GENCO, GIFT, GL, GLAND, GLOBAL, GLOCON, GLORY, GRAMMY, GRAND, GREEN, GSC, GTB, GYT, HFT, HL, HPT, HTECH, HUMAN, HYDRO, ICN, IHL, IIG, IMH, IND, INGRS, INSET, IP, IRCP, IT, ITD, J, JAK, JAS, JCK, JCKH, JCT, JDF, JMART, JMT, JP, JUBILE, JWD, KAMART, KC, KCC, KCM, MCC, LAND, HTECH, HUMAN, HYDRO, ICN, IHL, IIG, IMH, IND, INGRS, INSE1, IP, IRCP, I1, I1D, J. JAK, JAS, JCK, JCKH, JC1, JDF, JMART, JM1, JP, JUBILE, JWD, KAMART, KC, KCC, KCM, KDH, KIAT, KISS, KK, KKC, KOOL, KTIS, KUN, KWM, KYE, LALIN, LEE, LEO, LIT, LOXLEY, LPH, LST, MACO, MANRIN, MATI, MAX, M-CHAI, MCS, MDX, MENA, METCO, MGT, MICRO, MIDA, MITSIB, MJD, MK, ML, MODERN, MORE, MPIC, MUD, MVP, NC, NCH, NCL, NDR, NER, NETBAY, NEW, NEWS, NEX, NFC, NPK, NSL, NTV, NV, NVD, OHTL, OISHI, ONEE, OSP, OTO, PACE, PACO, PAE, PAF, PEACE, PERM, PF, PICO, PIN, PJW, PLUS, PMTA, POLAR, POMPUI, PORT, POST, PPM, PRAKIT, PRAPAT, PRECHA, PRIME, PRIN, PRO, PROUD, PSG, PTC, PTL, RAM, RBF, RCL, RICHY, RJH, ROCK, ROH, ROJNA, RP, RPC, RPH, RSP, RT, S, S11, SA, SABUY, SAFARI, SALEE, SAM, SAMART, SAMCO, SAMTEL, SANKO, SAUCE, SAWANG, SCB, SCI, SCP, SDC, SE, SEAFCO, SECURE, SENAJ, SF, SFLEX, SFP, SFT, SGF, SHANG, SHR, SIAM, SICT, SIMAT, SISB, SK, SKE, SKN, SKY, SLM, SLP, SMART, SMD, SMT, SNNP, SO, SOLAR, SONIC, SPA, SPCG, SPG, SPVI, SQ, SR, SSC, SSS, STANLY, STARK, STC, STEC, STHAI, STI, STPI, SUC, SUN, SUTHA, SVH, SVOA, SVT, SWC, SYNEX, TACC, TAPAC, TC, TCC, TCCC, TCJ, TCOAT, TEAM, TEAMG, TFM, TGPRO, TH, THAI, THANA, THE, THG, THL, THMUI, TIGER, TIPH, TITLE, TK, TKC, TM, TMC, TMW, TNDT, TNH, TNPC, TOA, TPAC, TPBI, TPCH, TPIPL, TPIPP, TPLAS, TPOLY, TPS, TQR, TR, TRC, TRITN, TRT, TRUBB, TRV, TSE, TSF, TSR, TTI, TTW, TVT, TWP, TWZ, TYCN, UAC, UMI, UMS, UNIQ, UP, UPA, UPOIC, UREKA, UTP, UVAN, VL, VNG, VPO, VRANDA, W, WAVE, WFX, WGE, WINMED, WINNER, WORK, WORLD, WR. WAVE, WFX, WGE, WINMED, WINNER, WORK, WORLD, WR. WAVE, WFX, WGE, WINNER, WORK, WORLD, WR. WAVE, WFX, WGE, WINNER, WORLD, WR. WAVE, WFX, WGE, WINNER, WORK, WORLD, WR. WAVE, WFX, WGE, WINNER, WORLD, WR. WAVE, WFX, WGE, WINNER, WORLD, WR. WAVE, WFX, WGE, WIN WORLD, WP, WPH, XPG, YGG

Explanations

Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of April 5, 2022) are categorised into: companies that have declared their intention to join CAC, and companies certified by CAC

Wed, Jun 1, 2022