

Jasmine Broadband Internet Infrastructure Fund

Jasmine Broadband Internet Infrastructure Fund

JASIF

Bloomberg JASIF TB
Reuters JASIF.BK



3Q20: Earnings in line with expectations

JASIF reported 3Q20 core earnings of Bt2.2bn, up 2% QoQ and 58% YoY, lining up with our forecast. Since the fund's revenue is immune from the weak economy (rental is based on 2019 CPI), we keep our forecast unchanged at Bt8.5bn, growth of 43% YoY. We see positive near-term sentiment toward JASIF as other REITs and IFFs may again report YoY drops in 2H20 profit. This could lead to near-term rotation into the fund as a safe haven. We keep our NEUTRAL rating and TP of Bt10.5 as we believe benefits are already reflected in the share price.

3Q20 results in line. JASIF reported 3Q20 earnings of Bt2.5bn, up 28% QoQ and 48% YoY. In the quarter it booked an unrealized gain on investment of Bt300mn. Stripping this out shows core profit of Bt2.2bn, up 2% QoQ and 58% YoY. 9M20 core profit accounted for 75% of our full-year forecast. We view this as in line with our forecast.

Highlights

1) Total income was Bt2.5bn, flat QoQ, but growing 73% YoY, mainly from higher optical fiber cable (OFC) rental income. In Nov 2019, JASIF invested in an additional 700k core kilometers.

2) Total expenses came to Bt371mn, down 11.6% QoQ, but up 236.2% YoY from higher expenses arising from the addition of assets. Fund management fees and expenses came to Bt31.5mn, flat QoQ, but up 45.8% YoY. Operating expenses were Bt130mn, flat QoQ, but surging 61.3% YoY (composed of OFC maintenance expenses of Bt97.4mn, right-of-way expenses of Bt30.4mn and insurance expenses of Bt2.5mn). Interest expense was Bt207mn, decreasing 19.1% QoQ. Other expenses were Bt2.2mn, up 4.3% QoQ, but down 72.2% YoY.

3) JASIF announced dividend per unit on 3Q20 at Bt0.25/sh (2.6% yield), XD Nov 18.

Maintain earnings forecast. JASIF is an infrastructure fund with stable revenue stream, so the weak economy has no impact on its operations. Hence, we keep our earnings forecast unchanged at Bt8.5bn, up 43% YoY. We expect the fund to pay a total dividend per unit in 2020F of Bt0.96, implying 9.9% yield.

NEUTRAL with a TP of Bt10.5. JASIF will benefit from the low interest rate environment and earnings are also unaffected by the weak economy. However, we continue to keep our tactical recommendation NEUTRAL as we believe the two positives are reflected in share price.

Forecasts and valuation

Year to 31 Dec	Unit	2018	2019	2020F	2021F	2022F
Revenue	(Btmn)	5,814	6,355	10,144	10,255	10,399
EBITDA	(Btmn)	5,424	5,901	9,366	9,444	9,557
Core profit	(Btmn)	5,455	5,817	8,539	8,668	8,841
Reported profit	(Btmn)	5,099	10,717	8,539	8,668	8,841
Core EPS	(Bt)	0.99	0.75	1.07	1.08	1.11
DPS	(Bt)	0.90	0.90	0.96	0.98	0.99
P/E, core	(x)	9.8	13.0	9.1	9.0	8.8
EPS growth, core	(%)	0.2	(24.7)	42.8	1.5	2.0
P/BV, core	(x)	0.9	0.9	0.9	0.9	0.9
ROE	(%)	9.3	8.0	9.7	9.8	9.8
Dividend yield	(%)	9.2	9.2	9.9	10.0	10.2
FCF yield	(%)	9.3	(46.8)	13.4	11.1	11.4
EV/EBIT	(x)	9.9	16.3	10.9	10.6	10.3
EBIT growth, core	(%)	0.1	6.4	47.9	1.4	2.0
EV/CE	(x)	0.9	0.9	0.9	0.9	0.9
ROCE	(%)	9.5	5.7	9.4	9.4	9.6
EV/EBITDA	(x)	9.9	15.9	9.9	9.7	9.5
EBITDA growth	(%)	0.1	8.8	58.7	0.8	1.2

Source: SCBS Investment Research

Tactical: NEUTRAL

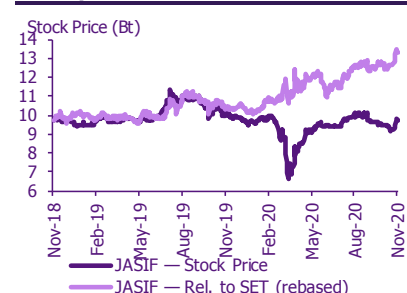
(3-month)

Stock data

Last close (Nov 6) (Bt)	9.75
12-m target price (Bt)	10.50
Mkt cap (Btbn)	78.00
Mkt cap (US\$mn)	2,542

Mkt cap (%) SET	0.56
Sector % SET	2.36
Shares issued (mn)	8,000
Par value (Bt)	10
12-m high / low (Bt)	10.4 / 6.5
Avg. daily 6m (US\$mn)	4.06
Dividend policy (%)	≥ 90

Price performance



Source: SET, SCBS Investment Research

Share performance

(%)	1M	3M	12M
Absolute	3.2	(1.5)	(5.3)
Relative to SET	3.5	3.5	23.3

Source: SET, SCBS Investment Research

Analyst

Kittisorn Pruittipat, CFA, FRM

Fundamental Investment

Analyst on Securities

(662) 949 1007

kittisorn.pruittipat@scb.co.th

Financial statement

Profit and Loss Statement

FY December 31	Unit	2015	2016	2017	2018	2019	2020F	2021F	2022F
Total revenue	(Btmn)	4,377	5,442	5,776	5,814	6,355	10,144	10,255	10,399
Cost of goods sold	(Btmn)	(174)	(219)	(256)	(275)	(316)	(591)	(616)	(644)
Gross profit	(Btmn)	4,203	5,223	5,520	5,540	6,039	9,553	9,639	9,755
SG&A	(Btmn)	(78)	(99)	(104)	(116)	(137)	(187)	(195)	(198)
Other income	(Btmn)	31	27	27	32	45	2	2	5
Interest expense	(Btmn)	(68)	(6)	-	-	(129)	(829)	(785)	(727)
Pre-tax profit	(Btmn)	4,088	5,145	5,443	5,455	5,817	8,539	8,662	8,835
Corporate tax	(Btmn)	-	-	-	-	-	-	-	-
Equity a/c profits	(Btmn)	0	0	0	0	0	0	0	0
Minority interests	(Btmn)	-	-	-	-	-	-	-	-
Core profit	(Btmn)	4,088	5,145	5,443	5,455	5,817	8,539	8,662	8,835
Extra-ordinary items	(Btmn)	641	310	1,705	(356)	4,900	-	-	-
Net Profit	(Btmn)	4,729	5,455	7,148	5,099	10,717	8,539	8,662	8,835
EBITDA	(Btmn)	4,126	5,124	5,416	5,424	5,901	9,366	9,444	9,557
Core EPS	(Bt)	0.74	0.94	0.99	0.99	0.75	1.07	1.08	1.10
Net EPS	(Bt)	0.86	0.99	1.30	0.93	1.38	1.07	1.08	1.10
DPS	(Bt)	0.74	0.90	0.93	0.90	0.94	0.96	0.97	0.99

Balance Sheet

FY December 31	Unit	2015	2016	2017	2018	2019	2020F	2021F	2022F
Total current assets	(Btmn)	3,999	464	13	47	2,794	116	257	192
Total fixed assets	(Btmn)	55,641	55,951	57,656	57,300	100,200	100,200	100,200	100,200
Total assets	(Btmn)	61,616	58,102	59,683	59,846	106,065	104,187	104,329	104,264
Total loans	(Btmn)	3,850	0	0	0	18,027	15,067	14,267	13,217
Total current liabilities	(Btmn)	4,747	1,359	928	941	1,032	1,076	1,096	1,120
Total long-term liabilities	(Btmn)	0	0	0	0	18,027	15,067	14,267	13,217
Total liabilities	(Btmn)	4,747	1,359	928	941	19,059	16,143	15,363	14,337
Paid-up capital	(Btmn)	55,000	54,314	54,184	54,184	76,684	76,684	76,684	76,684
Total equity	(Btmn)	56,869	56,743	58,755	58,905	87,006	88,044	88,966	89,927
BVPS	(Bt)	10.34	10.32	10.68	10.71	11.18	11.01	11.12	11.24

Cash Flow Statement

FY December 31	Unit	2015	2016	2017	2018	2019	2020F	2021F	2022F
Core Profit	(Btmn)	4,088	5,145	5,443	5,455	5,817	8,539	8,662	8,835
Depreciation and amortization	(Btmn)	0	0	0	0	0	0	0	0
Operating cash flow	(Btmn)	1,156	9,439	4,986	5,440	3,305	12,064	9,465	9,581
Investing cash flow	(Btmn)	(57,002)	306	(174)	(458)	(38,825)	(1,627)	(783)	(723)
Financing cash flow	(Btmn)	55,990	(9,431)	(5,266)	(4,950)	35,603	(10,461)	(8,540)	(8,923)
Net cash flow	(Btmn)	144	315	(454)	32	83	(23)	141	(65)

Key Financial Ratios

FY December 31	Unit	2015	2016	2017	2018	2019	2020F	2021F	2022F
Gross margin	(%)	96.0	96.0	95.6	95.3	95.0	94.2	94.0	93.8
Operating margin	(%)	94.3	94.2	93.8	93.3	92.9	92.3	92.1	91.9
EBITDA margin	(%)	94.3	94.2	93.8	93.3	92.9	92.3	92.1	91.9
EBIT margin	(%)	95.0	94.6	94.2	93.8	93.6	92.4	92.1	91.9
Net profit margin	(%)	108.0	100.2	123.7	87.7	168.6	84.2	84.5	85.0
ROE	(%)	14.4	9.1	9.4	9.3	8.0	9.8	9.8	9.9
ROA	(%)	13.3	8.6	9.2	9.1	7.0	8.1	8.3	8.5
Net D/E	(%)	0.1	net cash	net cash	net cash	0.2	0.2	0.2	0.1
Interest coverage	(%)	60.4	899.7	0.0	0.0	0.0	11.3	12.0	13.1
Debt service coverage	(%)	1.1	899.7	0.0	0.0	0.0	11.3	12.0	13.1
Payout Ratio	(%)	0.0	86.1	90.7	71.8	97.1	68.3	90.0	90.0

Main Assumptions

FY December 31	Unit	2015	2016	2017	2018	2019	2020F	2021F	2022F
OFCs	(core km)	980,500	980,500	980,500	980,500	1,680,500	1,680,500	1,680,500	1,680,500
Rental rate for Main Lease Agreement	(Bt/core km/mth)	425.0	425.0	425.8	428.6	433.2	436.3	441.1	447.3
Rental rate for Rental Assurance Agreement	(Bt/core km/mth)	750.0	750.0	751.4	756.4	764.5	769.9	778.4	789.3
OFCs maintenance fee	(Bt/core km/mth)	200.0	206.0	212.2	218.5	225.1	231.9	238.8	246.0

Financial statement Profit and Loss Statement

FY December 31	Unit	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20
Total revenue	(Btmn)	1,454	1,469	1,469	1,469	1,947	2,536	2,536	2,536
Cost of goods sold	(Btmn)	(69)	(72)	(73)	(81)	(90)	(130)	(130)	(130)
Gross profit	(Btmn)	1,385	1,397	1,397	1,388	1,857	2,406	2,406	2,406
SG&A	(Btmn)	(25)	(34)	(33)	(30)	(41)	(32)	(34)	(34)
Other income	(Btmn)	9	10	11	12	11	10	8	5
Interest expense	(Btmn)	0	0	0	0	(129)	(279)	(256)	(207)
Pre-tax profit	(Btmn)	1,369	1,374	1,375	1,371	1,697	2,104	2,124	2,170
Corporate tax	(Btmn)	0	0	0	0	0	0	0	0
Equity a/c profits	(Btmn)	0	0	0	0	0	0	0	0
Minority interests	(Btmn)	0	0	0	0	0	0	0	0
Core profit	(Btmn)	1,369	1,374	1,375	1,371	1,697	2,104	2,124	2,170
Extra-ordinary items	(Btmn)	(100)	200	300	300	4,100	(6)	(194)	300
Net Profit	(Btmn)	1,269	1,574	1,675	1,671	5,797	2,098	1,931	2,470
EBITDA	(Btmn)	1,369	1,374	1,375	1,371	1,826	2,384	2,380	2,377
Core EPS	(Bt)	0.25	0.25	0.25	0.25	0.21	0.26	0.27	0.27
Net EPS	(Bt)	0.23	0.29	0.30	0.30	0.72	0.26	0.24	0.31

Balance Sheet

FY December 31	Unit	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20
Total current assets	(Btmn)	941	894	911	966	1,032	991	1,026	1,121
Total fixed assets	(Btmn)	57,300	57,500	57,800	58,100	100,200	100,193	100,000	100,300
Total assets	(Btmn)	59,846	60,108	60,479	60,941	106,065	106,454	103,785	104,278
Total loans	(Btmn)	0	0	0	0	18,027	17,959	15,244	15,173
Total current liabilities	(Btmn)	941	894	911	966	1,032	991	1,026	1,121
Total long-term liabilities	(Btmn)	0	0	0	0	18,027	17,959	15,244	15,173
Total liabilities	(Btmn)	941	894	911	966	19,059	18,950	16,270	16,294
Paid-up capital	(Btmn)	54,184	54,184	54,184	54,184	76,684	76,684	76,684	76,684
Total equity	(Btmn)	58,905	59,213	59,569	59,974	87,006	87,504	87,515	87,985
BVPS	(Bt)	10.71	10.77	10.83	10.90	10.88	10.94	10.94	11.00

Cash Flow Statement

FY December 31	Unit	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20
Core Profit	(Btmn)	1,369	1,374	1,375	1,371	1,697	2,104	2,124	2,170
Depreciation and amortization	(Btmn)	0	0	0	0	0	0	0	0
Operating cash flow	(Btmn)	1,384	1,324	1,398	1,428	(846)	2,259	5,004	2,412
Investing cash flow	(Btmn)	(179)	(60)	(65)	(161)	(38,540)	(456)	(3,139)	(659)
Financing cash flow	(Btmn)	(1,207)	(1,265)	(1,326)	(1,266)	39,461	(1,822)	(1,852)	(1,797)
Net cash flow	(Btmn)	(3)	(0)	6	1	75	(18)	12	(43)

Key Financial Ratios

FY December 31	Unit	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20
Gross margin	(%)	95.3	95.1	95.1	94.5	95.4	94.9	94.9	94.9
Operating margin	(%)	93.6	92.8	92.8	92.5	93.2	93.6	93.5	93.5
EBITDA margin	(%)	94.2	93.5	93.6	93.3	93.8	94.0	93.8	93.7
EBIT margin	(%)	94.2	93.5	93.6	93.3	93.8	94.0	93.8	93.7
Net profit margin	(%)	87.3	107.1	114.0	113.7	297.7	82.7	76.1	97.4
ROE	(%)	9.3	9.3	9.3	9.2	9.3	11.5	11.6	11.7
ROA	(%)	9.2	9.2	9.1	9.1	8.2	10.1	10.3	10.5
Net D/E	(%)	net cash	net cash	net cash	net cash	0.2	0.2	0.2	0.2
Interest coverage	(%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Debt service coverage	(%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Main Assumptions

	Unit	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20
OFCs	(core km)	980,500	980,500	980,500	980,500	1,680,500	1,680,500	1,680,500	1,680,500
Rental rate for Main Lease Agreement	(Bt/core km/mth)	428.6	433.2	433.2	433.2	433.2	436.3	436.3	436.3
Rental rate for Rental Assurance Agreement	(Bt/core km/mth)	756.4	764.5	764.5	764.5	764.5	769.9	769.9	769.9
OFCs maintenance fee	(Bt/core km/mth)	218.5	225.1	225.1	225.1	225.1	231.9	231.9	231.9

Figure 1: 3Q20 results review

Unit: (Btmn)	3Q19	2Q20	3Q20	y-o-y	q-o-q
Rental income	1,469	2,536	2,536	73%	0%
Other income	0	0	0	na.	na.
Total revenue	1,469	2,536	2,536	73%	0%
Cost of sales	(81)	(130)	(130)	61%	0%
Gross profit	1,388	2,406	2,406	73%	0%
SG&A	(30)	(34)	(34)	14%	0%
Operating profit	1,359	2,372	2,372	75%	0%
Interest income	12	8	5	-59%	-35%
Interest expense	0	(256)	(207)	na.	-19%
EBT	1,371	2,124	2,170	58%	2%
Income tax	0	0	0	na.	na.
Minority interests	0	0	0	na.	na.
Core profit	1,371	2,124	2,170	58%	2%
Extra items	300	(194)	300	0%	-255%
Net income	1,671	1,931	2,470	48%	28%
EPS (Bt)	0.30	0.24	0.31	2%	28%
Ratio Analysis					
Gross margin (%)	94.5	94.9	94.9		
SGA/Total revenue (%)	2.0	1.3	1.3		
Operating profit margin (%)	92.5	93.5	93.5		
Net profit margin (%)	113.7	76.1	97.4		

Source: SCBS Investment Research, JASIF

Figure 2: Valuation summary (price as of Nov 6, 2020)

	Price (Bt) 6-Nov-20	Mkt Cap (Btmn)	PE (x)			EPS Growth (%)			PBV (x)			Div. Yield (%)			ROE (%)			EV/EBITDA (x)		
			20F	21F	22F	20F	21F	22F	20F	21F	22F	20F	21F	22F	20F	21F	22F	20F	21F	22F
DIF *	13.1	139,275	12.3	12.2	12.5	8.6	0.9	(1.9)	0.8	0.8	0.8	7.9	8.0	7.5	6.6	6.6	6.5	14.5	14.4	14.7
JASIF *	9.8	78,000	9.1	9.0	8.8	42.8	1.5	2.0	0.9	0.9	0.9	9.9	10.0	10.2	9.7	9.8	9.8	9.9	9.7	9.5
BTSIGIF *	5.1	29,229	6.2	10.6	7.1	4.5	(41.5)	47.9	0.5	0.6	0.6	16.0	9.4	13.9	8.3	5.2	7.9	7.6	13.0	8.8
GVREIT *	10.8	8,800	15.3	15.1	13.9	(7.9)	1.1	8.8	1.2	1.2	1.2	5.9	5.9	6.5	7.9	7.9	8.5	16.4	16.2	15.0
CPNREIT	18.6	41,152	29.4	17.0	17.4	(57.8)	72.7	(2.1)	1.0	1.2	1.1	4.3	7.1	9.0	4.5	7.5	7.7	30.2	18.4	20.7
EGATIF	12.0	25,026	12.6	n.m.	n.m.	94.9	n.m.	n.m.	n.a	n.a	n.a	6.7	6.7	6.7	9.3	n.m.	n.m.	23.2	n.a.	n.a.
IMPACT	18.2	26,982	22.1	32.8	21.7	(7.2)	(32.7)	51.4	1.7	1.7	1.7	4.5	3.0	4.5	8.5	5.4	7.8	22.4	31.1	22.3
SPF	11.7	11,115	n.m	21.3	n.m.	(115.0)	261.8	n.m.	1.0	1.0	n.a	6.2	4.7	n.a	(2.6)	4.5	n.m.	16.1	21.2	n.a.
WHART	13.4	34,232	17.2	16.5	15.9	4.1	3.8	4.3	n.a	n.a	n.a	5.4	5.5	5.5	7.2	7.5	7.9	18.9	18.7	18.1
			15.5	16.8	13.9	(3.7)	33.4	15.8	1.0	1.0	1.0	7.4	6.7	8.0	6.6	6.8	8.0	17.7	17.8	15.6

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 ("SCB"). Any information related to SCB is for sector comparison purposes.

SCB Securities Company Limited ("SCBS") acts as market maker and issuer of Derivative Warrants on the ordinary shares INTUCH.

Before making an investment decision over a derivative warrant, an investor should carefully read the prospectus for the details of the said derivative warrants. Any opinion, news, research, analyse, price, statement, forecast, projection and/or other information contained in this document (the "Information") is provided as general purpose information only, and shall not be construed as a recommendation to any person 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, employees, and agents 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, damages for loss of profits. The investor should use the Information in association with other information and opinion, including his/her 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 at its sole discretion without giving any notice. 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.

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 of SCG Packaging Public Company Limited. SCBS has acted as Joint Lead Underwriter of SCG Packaging 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 has acted as Financial Advisor of Charoen Pokphand Group Company Limited, and its affiliates including CP All Public Company Limited, and Charoen Pokphand Foods 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 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 ("SCBAM") 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.

Copyright©2012 SCB Securities Company Limited. All rights reserved.

CG Rating 2019 Companies with CG Rating

Companies with Excellent CG Scoring

AAV, ADVANC, AIRA, AKP, AKR, AMA, AMATA, AMATAV, ANAN, AOT, AP, ARROW, BAFS, BANPU, BAY, BCP, BCPG, BOL, BRR, BTS, BTW, BWG, CFRESH, CHEWA, CHO, CK, CKP, CM, CNT, COL, COMAN, CPALL, CPF, CPI, CPN, CSS, DELTA, DEMCO, DRT, DTAC, DTC, EA, EASTW, ECF, EGCO, GBX, GC, GCAP, GEL, GFPT, GGC, GOLD, GPSC, GRAMMY, GUNKUL, HANA, HARN, HMPRO, ICC, ICHI, III, ILINK, INTUCH, IRPC, IVL, JKN, JSP, K, KBANK, KCE, KKP, KSL, KTB, KTC, KTIS, LH, LHFG, LIT, LPN, MAKRO, MALEE, MBK, MBKET, MC, MCOT, MFEC, MINT, MONO*, MTC, NCH, NCL, NKI, NSI, NVD, NYT, OISHI, OTO, PAP, PCSGH, PDJ, PG, PHOL, PJW, PLANB, PLANET, PORT, PPS, PR9, PREB, PRG, PRM, PSH, PSL, PTG, PTT, PTTEP, PTTGC, PYLON, Q-CON, QH, QTC, RATCH, ROBINS, RS, S, S & J, SABINA, SAMART, SAMTEL, SAT, SC, SCB, SCC, SCCC, SCN, SDC, SEAFSCO, SEAOL, SE-ED, SELIC, SENA, SIS, SITHAI, SNC, SORKON, SPALI, SPI, SPRC, SSSC, STA, STEC, SVI, SYNTEC, TASCO, TCAP, THAI, THANA, THANI, THCOM, THIP, THREL, TIP, TISCO, TK, TKT, TMB, TMILL, TNDT, TOA, TOP, TRC, TRU, TRUE, TSC, TSR, TSTH, TTA, TTCL, TTW, TU, TVD, TVO, U, UAC, UV, VGI, VIH, WACOAL, WAVE, WHA, WHAUP, WICE, WINNER

Companies with Very Good CG Scoring

2S, ABM, ADB, AF, AGE, AH, AHC, AIT, ALLA, ALT, AMANAH, AMARIN, APCO, APCS, AQUA, ARIP, ASAP, ASIA, ASIAN, ASIMAR, ASK, ASN, ASP, ATP30, AUCT, AYUD, B, BA, BBL, BDMS, BEC, BEM, BFIT, BGC, BGRIM, BIZ, BJC, BJCHI, BLA, BPP, BROOK, CBG, CEN, CENTEL, CGH, CHG, CHOTI, CHOW, CI, CIMBT, CNS, COLOR, COM7, COTTO, CRD, CSC, CSP, DCC, DCON, DDD, DOD, EASON, ECL, EE, EPG, ERW, ESTAR, ETE, FLOYD, FN, FNS, FORTH, FPI, FPT, FSMART, FSS, FVC, GENCO, GJS, GL, GLOBAL, GLOW, GULF, HPT, HTC, HYDRO, ICN, IFS, INET, INSURE, IRC, IRCP, IT, ITD*, ITEL, J, JAS*, JCK, JCKH, JMART, JMT, JWD, KBS, KCAR, KGI, KIAT, KOOL, KWG, KWM, L&E, LALIN, LANNA, LDC, LHK, LOXLEY, LRH, LST, M, MACO, MAJOR, MBAX, MEGA, METCO, MFC, MK, MODERN, MOONG, MPG, MSC, MTI, NEP, NETBAY, NEX, NINE, NOBLE, NOK, NTV, NWR, OCC, OGC, ORI, OSP, PATO, PB, PDG, PDI, PL, PLAT, PM, PPP, PRECHA, PRIN, PRINC, PSTC, PT, QLT, RCL, RICHY, RML, RWI, S11, SAAM, SALEE, SAMCO, SANKO, SAPPE, SAWAD, SCG, SCI, SCP, SE, SFP, SIAM, SINGER, SIRI, SKE, SKR, SKY, SMIT, SMK, SMP, SMT, SNP, SONIC, SPA, SPC, SPCG, SPVI, SR, SRICHA, SSC, SSF, SST, STANLY, STI, SUC, SUN, SUSCO, SUTHA, SWC, SYMC, SYNEX, T, TACC, TAE, TAKUNI, TBSP, TCC, TCMC, TEAM, TEAMG, TFG, TFMAMA, THG, THRE, TIPCO, TITL, TIW, TKN, TKS, TM, TMC, TMD, TMI, TMT, TNITY, TNL, TNP, TNR, TOG, TPA, TPAC, TPBI, TPCORP, TPOLY, TRITN, TRT, TSE, TSTE, TVI, TVT, TWP, TWPC, UBIS, UEC, UMI, UOBKH, UP, UPF, UPOIC, UT, UWC, VNT, WIJK, XO, YUASA, ZEN, ZMICO

Companies with Good CG Scoring

A, ABICO, ACAP*, AEC, AEONTS, AJ, ALUCON, AMC, APURE, AS, ASEFA, AU, B52, BCH, BEAUTY, BGT, BH, BIG, BLAND, BM, BR, BROCK, BSBM, BSM, BTNC, CCET, CCP, CGD, CHARAN, CHAYO, CITY, CMAN, CMC, CMO, CMR, CPL, CPT, CSR, CTW, CWT, D, DIMET, EKH, EMC, EPCO, ESSO, FE, FTE, GIFT, GLAND, GLOCON, GPI, GREEN, GTB, GYT, HTECH, HUMAN, IHL, INGRS, INOX, JTS, JUBILE, KASET, KCM, KKC, KWG, KYE, LEE, LPH, MATCH, MATI, M-CHAI, MCS, MDX, META, MGT, MJD, MM, MVP, NC, NDR, NER, NNCL, NPK, NUSA, OCEAN, PAF, PF, PICO, PIMO, PK, PLE, PMTA, POST, PPM, PROUD, PTL, RCI, RJH, ROJNA, RPC, RPH, SF, SGF, SGP, SKN, SLP, SMART, SOLAR, SPG, SQ, SSP, STI, SUPER, SVOA, TCCC, THE, THMUI, TIC, TIGER, TNH, TOPP, TPCH, TPIPP, TPLAS, TQM, TTI, TYCN, UTP, VCOM, VIBHA, VPO, WIN, WORK, WP, WPH, 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 publication.

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 2018 to 25 October 2019) is publicized.

* บริษัทหรือกรรมการหรือผู้บริหารของบริษัทที่มีข่าวด้านการกำกับดูแลกิจการ เช่น การกระทำผิดเกี่ยวกับหลักทรัพย์ การทุจริต คอร์รัปชัน เป็นต้น ซึ่งการใช้ข้อมูล CGR ควรตระหนักถึง ข้อจำกัดกล่าวประกอบด้วย

Anti-corruption Progress Indicator

Certified (ได้รับการรับรอง)

2S, ADVANC, AI, AIE, AIRA, AKP, AMA, AMANAH, AP, AQUA, ARROW, ASK, ASP, AYUD, B, BAFS, BANPU, BAY, BBL, BCH, BCP, BCPG, BGC, BGRIM, BJCHI, BKI, BLA, BPP, BROOK, BRR, BSBM, BTS, BWG, CEN, CENTEL, CFRESH, CGH, CHEWA, CHOTI, CHOW, CIG, CIMBT, CM, CMC, COL, COM7, CPALL, CPF, CPI, CPN, CSC, DCC, DELTA, DEMCO, DIMET, DRT, DTAC, DTC, EASTW, ECL, EGCO, FE, FNS, FPI, FPT, FSS, FTE, GBX, GC, GCAP, GEL, GFPT, GGC, GJS, GPSC, GSTEEL, GUNKUL, HANA, HARN, HMPRO, HTC, ICC, ICHI, IFS, INET, INSURE, INTUCH, IRPC, ITEL, IVL, K, KASET, KBANK, KBS, KCAR, KCE, KGI, KKP, KSL, KTB, KTC, KWG, L&E, LANNA, LHFG, LHK, LPN, LRH, M, MAKRO, MALEE, MBAX, MBK, MBKET, MC, MCOT, MFC, MFEC, MINT, MONO, MOONG, MPG, MSC, MTC, MTI, NBC, NEP, NINE, NKI, NMG, NNCL, NSI, NWR, OCC, OCEAN, OGC, ORI, PAP, PATO, PB, PCSGH, PDG, PDI, PDJ, PE, PG, PHOL, PL, PLANB, PLANET, PLAT, PM, PPP, PPM, PPS, PREB, PRG, PRINC, PRM, PSH, PSL, PSTC, PT, PTG, PTT, PTTEP, PTTGC, PYLON, Q-CON, QH, QLT, QTC, RATCH, RML, RWI, S & J, SABINA, SAT, SC, SCB, SCC, SCCC, SCG, SCN, SEAOL, SE-ED, SELIC, SENA, SGP, SIRI, SITHAI, SMIT, SMK, SMP, SNC, SNP, SORKON, SPACK, SPC, SPI, SPRC, SRICHA, SSF, SSSC, SST, STA, SUSCO, SVI, SYNTEC, TAE, TAKUNI, TASCO, TBSP, TCAP, TCMC, TFG, TFI, TFMAMA, THANI, THCOM, THIP, THRE, THREL, TIP, TIPCO, TISCO, TKT, TMB, TMD, TMILL, TMT, TNITY, TNL, TNP, TNR, TOG, TOP, TPA, TPCORP, TPP, TRU, TRUE, TSC, TSTH, TTCL, TU, TVD, TVI, TVO, TWPC, U, UBIS, UEC, UKEM, UOBKH, UWC, VGI, VIH, VNT, WACOAL, WHA, WHAUP, WICE, WIJK, XO, ZEN

Declared (ประกาศเจตนารมณ์)

7UP, ABICO, AF, ALT, AMARIN, AMATA, AMATAV, ANAN, APURE, B52, BKD, BM, BROCK, BUI, CHO, CI, COTTO, DDD, EA, EFORL, EP, ERW, ESTAR, ETE, EVER, FSMART, GPI, ILINK, IRC, J, JKN, JMART, JMT, JSP, JTS, KWG, LDC, MAJOR, META, NCL, NOBLE, NOK, PK, PLE, ROJNA, SAAM, SAPPE, SCI, SE, SHANG, SINGER, SKR, SPALI, SSP, STANLY, SUPER, SYNEX, THAI, TKS, TOPP, TRITN, TTA, UPF, UV, WIN, ZIGA

N/A

3K-BAT, A, A5, AAV, ABM, ACAP, ACC, ACE, ACG, ADB, AEC, AEONTS, AFC, AGE, AH, AHC, AIT, AJ, AJA, AKR, ALL, ALLA, ALUCON, AMC, AOT, APCO, APCS, APEX, APP, AQ, ARIN, ARIP, AS, ASAP, ASEFA, ASIA, ASIAN, ASIMAR, ASN, ATP30, AU, AUCT, AWC, BA, BAM, BC, BCT, BDMS, BEAUTY, BEC, BEM, BFIT, BGT, BH, BIG, BIZ, BJC, BLAND, BLISS, BOL, BR, BSM, BTNC, BTW, CAZ, CBG, CCET, CCP, CGD, CHARAN, CHAYO, CHG, CITY, CK, CKP, CMAN, CMO, CMR, CNT, COLOR, COMAN, CPH, CPL, CPR, CPT, CPW, CRANE, CRC, CRD, CSP, CSR, CSS, CTW, CWT, D, DCON, DHOUSE, DOD, DOHOME, DTCL, DV8, EASON, ECF, EE, EKH, EMC, EPG, ESSO, ETC, F&D, FANCY, FLOYD, FMT, FN, FORTH, FVC, GENCO, GIFT, GL, GLAND, GLOBAL, GLOCON, GRAMMY, GRAND, GREEN, GSC, GTB, GULF, GYT, HFT, HPT, HTECH, HUMAN, HYDRO, ICN, IFEC, IHL, IIG, III, ILM, IMH, INGRS, INOX, INSET, IP, IRCP, IT, ITD, JAS, JCK, JCKH, JCT, JUBILE, JUTHA, JWD, KAMART, KC, KCM, KDH, KIAT, KK, KKC, KOOL, KTIS, KUMWEL, KUN, KWM, KYE, LALIN, LEE, LEO, LH, LIT, LOXLEY, LPH, LST, MACO, MANRIN, MATCH, MATI, MAX, M-CHAI, MCS, MDX, MEGA, METCO, MGT, MICRO, MIDA, MILL, MITSIB, MJD, MK, ML, MM, MODERN, MORE, MPIC, MVP, NC, NCAP, NCH, NDR, NER, NETBAY, NEW, NEWS, NEX, NFC, NPK, NRF, NTV, NUSA, NVD, NYT, OHTL, OISHI, OSP, OTO, PACE, PAE, PAF, PERM, PF, PICO, PIMO, PJW, PMTA, POLAR, POMPUI, PORT, POST, PPM, PR9, PRAKIT, PRAPAT, PRECHA, PRIME, PRIN, PRO, PROUD, PTL, RAM, RBF, RCI, RCL, RICHY, RJH, ROCK, ROH, RP, RPC, RPH, RS, RSP, S, S11, SABUY, SAFARI, SALEE, SAM, SAMART, SAMCO, SAMTEL, SANKO, SAUCE, SAWAD, SAWANG, SCGP, SCM, SCP, SDC, SEAFSCO, SEG, SF, SFLEX, SFP, SFT, SGF, SHR, SIAM, SICT, SIMAT, SIS, SISB, SK, SKE, SKN, SKY, SLM, SLP, SMART, SMT, SO, SOLAR, SONIC, SPA, SPCG, SPG, SPVI, SQ, SR, SSC, STAR, STARK, STC, STEC, STGT, STHAI, STI, STPI, SUC, SUN, SUTHA, SVH, SVOA, SWC, SYMC, T, TACC, TPAC, TC, TCC, TCCC, TCJ, TCOAT, TEAM, TEAMG, TGPRO, TH, THANA, THE, THG, THL, THMUI, TIGER, TITL, TIW, TK, TKN, TM, TMC, TMI, TMW, TNDT, TNH, TNPC, TOA, TPAC, TPBI, TPCH, TPIPL, TPIPP, TPLAS, TPOLY, TPS, TQM, TR, TRC, TRT, TRUBB, TSE, TSF, TSI, TSR, TSTE, TTI, TTT, TTW, TVT, TWP, TWZ, TYCN, UAC, UMI, UMS, UNIQ, UP, UPA, UPOIC, UREKA, UT, UTP, UVAN, VARO, VCOM, VI, VIBHA, VL, VNG, VPO, VRANDA, W, WAVE, WG, WGE, WINNER, WORK, WORLD, WP, WPH, WR, YCI, YGG, YUASA, ZMICO

Explanations

Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of June 24, 2019) are categorised into: companies that have declared their intention to join CAC, and companies certified by CAC.