China / Hong Kong Company Update

Yangtze Optical Fibre and Cable

Bloomberg: 6869 HK Equity | Reuters: 6869.HK

Refer to important disclosures at the end of this report

DBS Group Research . Equity

7 Feb 2024

HOLD

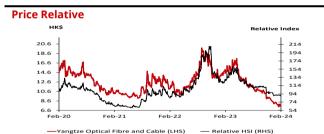
Last Traded Price (6 Feb 2024): HK\$7.70 (HSI: 16,137)
Price Target 12-mth: HK\$8.30 (8% upside) (Prev HK\$9.90)

Analysts

Tsz Wang Tam +852 36684195 tszwangtam@dbs.com Andy Yu +852 3668 4194 andyyuakh@dbs.com

What's New

- Expect revenue to drop by 4% in FY23, due to weaker demand for optical cable products
- Weak cable demand to sustain in FY24; expect cable revenue to decline another 4% in FY24
- Forecast earnings drop of 4% in FY23, before mild recovery of 2% and 5% in FY24 and FY25, respectively
- Maintain HOLD on muted near-term demand outlook for its core optical cable business; TP of HK\$8.3



Forecasts and valuation	on			
FY Dec (RMBm) Turnover EBITDA Pre-tax Profit Net Profit Net Profit Gth (Pre-ex) (%) EPS (RMB) EPS (HK\$) EPS Gth (%) Diluted EPS (HK\$) DPS (HK\$) BV Per Share (HK\$) PE (X) P/Cash Flow (X) P/Free CF (X) EV/EBITDA (X) Net Div Yield (%) P/Book Value (X) Net Debt/Equity (X) ROAE(%) Earnings Rev (%):	2022A 13.830 1,787 1,152 1,167 64.7 1.54 1.68 64.7 1.68 0.50 14.56 4.6 3.4 nm 5.5 6.5 0.5 0.5	2023F 13.250 1.870 1.100 1.115 (4.5) 1.47 1.60 (4.5) 1.60 0.48 15.66 4.8 8.0 44.4 5.3 6.2 0.5 0.0	2024F 14.137 1,925 1.128 1,142 2.5 1.51 1.64 2.5 1.64 0.49 16.82 4.7 11.0 nm 5.4 6.4 0.5 0.0 10.1	2025F 15,270 1,981 1,184 1,200 5.0 1,58 1,72 0,52 18,05 4,5 21,5 nm 5,55 6,7 0,4 0,1 9,9
Consensus EPS (RMB) Other Broker Recs:		1.69 B:4	1.64 S:0	1.79 H:5
	_	/ /		

Source of all data on this page: Company, DBS Bank (Hong Kong) Limited ("DBS HK"), Thomson Reuters

Awaiting demand recovery for core optical business

Investment Thesis

A leading integrated optical fibre and cable maker. YOFC is equipped with the capability and technology to produce upstream products such as optical fibre preforms and optical fibres. Its vertically integrated business model and advanced technology should help YOFC achieve higher margins than its peers.

Upstream segment's margin improvement to partly mitigate reduced demand. We expect the gross margin expansion of its preform and optical fiber segments to partially offset the revenue decline in its core optical business. 1H23 gross margin for this segment hit a record of 54% (from 47.4% in 1H22), and we foresee this upward trend continuing as the company pursues cost optimisation; we see increasing contribution by advanced optical fibre products, which command higher ASP.

Pursuing diversification amid pressure on core business. We expect the demand for optical fibre and cable will continue to be under pressure in the near term in both domestic and overseas markets. The company has also been expanding its presence in the optical component, module, and third-generation semiconductor sectors. We believe that these initiatives could partially offset the decline in its core optical business.

Maintain HOLD with TP of HK\$8.3. We maintain HOLD on YOFC, with TP of HK\$8.3 (lowered from HK\$9.9). Our TP is based on 5x FY24 PE (lowered from the previous 6x), c.1SD below its historical average, due to a muted outlook on near-term demand for its core optical cable business.

Key Risks

Price cut by preform players (downside risk). A significant price cut by any player will lead to a decline in preform prices in the industry.

Faster-than-expected demand recovery (upside risk). Stronger-than-expected demand from China telecom operators and faster-than-expected expansion in the overseas market.

Issued Capital - H shares (m shs)	352
- Non H shrs (m shs)	406
H shs as a % of Total	46
Total Mkt Cap (HK\$m/US\$m)	13,105 / 1,675
Major Shareholders (%)	
China Huaxin Post and Telecom Technologies Co., Ltd.	44.3
Wuhan Yangtze Communication Industry Group	29.5
Co Ltd	29.3
Major H Shareholders (As % of H shares)	
Draka Holding BV	51.2
H Shares-Free Float (%)	48.8
3m Avg. Daily Val. (US\$m)	1.46
GICS Industry: Information Technology / Technology F	Hardware &
Equipment	



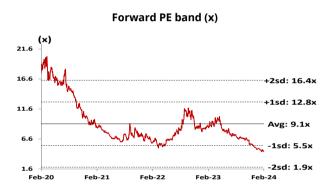
Forecasts and Valuation

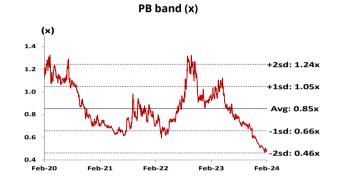


Company Background

Yangtze Optical Fibre and Cable (YOFC) is the largest optical fibre preform, optical fibre, and optical cable supplier in China. Two of its major Chinese shareholders are Huaxin and YCIG, ultimately held by SASAC. Draka, the largest foreign shareholder, was a Dutch manufacturer of electrical cables, which was later acquired by Prysmian S.p.A (Prysmian, PRY.IM, NR) (listed on the Milan Stock Exchange). The Prysmian Group is the global leader in the energy and telecom cable and systems industry.

Historical PE and PB band





Source: Thomson Reuters, DBS HK



Segmental Breakdown (RMB m)

FY Dec	2021A	2022A	2023F	2024F	2025F
Revenues (RMB m)					
Optical fibre preform and fibre	2,919	3,815	3,363	3,229	3,261
Optical fibre cable	3,921	5,799	3,984	3,824	3,863
Others	2,697	4,216	5,903	7,083	8,146
Total	9,536	13,830	13,250	14,137	15,270

Source: Company, DBS HK

Income Statement (RMB m)

FY Dec	2021A	2022A	2023F	2024F	2025F
Revenue	9,536	13,830	13,250	14,137	15,270
Cost of Goods Sold	(7,664)	(10,587)	(9,917)	(10,628)	(11,512)
Gross Profit	1,872	3,243	3,333	3,509	3,758
Other Opng (Exp)/Inc	(1,397)	(2,063)	(2,160)	(2,304)	(2,489)
Operating Profit	475	1,181	1,173	1,205	1,269
Other Non Opg (Exp)/Inc	289	(58)	(62)	(62)	(62)
Associates & JV Inc	107	112	120	120	120
Net Interest (Exp)/Inc	(123)	(83)	(131)	(135)	(143)
Dividend Income	0	0	0	0	0
Exceptional Gain/(Loss)	0	0	0	0	0
Pre-tax Profit	748	1,152	1,100	1,128	1,184
Tax	(27)	9	9	9	10
Minority Interest	(12)	6	5	6	6
Preference Dividend	0	0	0	0	0
Net Profit	709	1,167	1,115	1,142	1,200
Net Profit before Except.	709	1,167	1,115	1,142	1,200
EBITDA	872	1,787	1,870	1,925	1,981
Growth					
Revenue Gth (%)	16.0	45.0	(4.2)	6.7	8.0
EBITDA Gth (%)	(1.4)	104.9	4.7	2.9	2.9
Opg Profit Gth (%)	(5.7)	148.7	(0.6)	2.7	5.3
Net Profit Gth (%)	30.3	64.7	(4.5)	2.5	5.0
Margins & Ratio					
Gross Margins (%)	19.6	23.5	25.2	24.8	24.6
Opg Profit Margin (%)	5.0	8.5	8.9	8.5	8.3
Net Profit Margin (%)	7.4	8.4	8.4	8.1	7.9
ROAE (%)	7.5	11.7	10.6	10.1	9.9
ROA (%)	4.0	4.9	3.8	3.7	3.7
ROCE (%)	3.4	6.5	5.3	5.2	5.3
Div Payout Ratio (%)	30.1	30.0	30.0	30.0	30.0
Net Interest Cover (x)	3.9	14.2	9.0	8.9	8.9
Source: Company, DBS HK					



Interim Income Statement (RMB m)

FY Dec	1H2021	2H2021	1H2022	2H2022	1H2023
Revenue	4,352	5,184	6,391	7,439	6,915
Cost of Goods Sold	(3,340)	(4,324)	(4,956)	(5,631)	(5,111)
Gross Profit	1,011	861	1,436	1,808	1,804
Other Oper. (Exp)/Inc	(752)	(645)	(835)	(1,228)	(1,134)
Operating Profit	260	215	601	580	670
Other Non Opg (Exp)/Inc	271	18	(39)	(19)	(84)
Associates & JV Inc	33	75	33	80	117
Net Interest (Exp)/Inc	(47)	(76)	(36)	(47)	(22)
Exceptional Gain/(Loss)	0	0	0	0	0
Pre-tax Profit	517	231	559	593	681
Tax	(31)	3	(42)	51	(55)
Minority Interest	(7)	(6)	8	(2)	(19)
Net Profit	479	229	525	642	607
Net profit bef Except.	479	229	525	642	607
Growth					
Revenue Gth (%)	27.7	7.7	46.9	43.5	8.2
Opg Profit Gth (%)	(29.0)	56.1	131.5	169.4	11.6
Net Profit Gth (%)	82.5	(18.4)	9.6	179.7	15.5
Margins					
Gross Margins (%)	23.2	16.6	22.5	24.3	26.1
Opg Profit Margins (%)	6.0	4.2	9.4	7.8	9.7
Net Profit Margins (%) Source: Company, DBS HK	11.0	4.4	8.2	8.6	8.8



Balance Sheet (RMB m)

FY Dec	2021A	2022A	2023F	2024F	2025F
Net Fixed Assets	4,372	7,393	7,351	7,284	7,226
Invts in Associates & JVs	1,684	1,828	1,828	1,828	1,828
Other LT Assets	1,108	3,567	3,465	3,363	3,261
Cash & ST Invts	4,302	5,672	5,474	5,103	4,476
Inventory	2,763	3,159	3,611	4,128	4,719
Debtors	4,798	6,050	7,565	9,472	11,871
Other Current Assets	451	534	534	534	534
Total Assets	19,479	28,203	29,828	31,712	33,916
ST Debt	1,718	1,755	1,755	1,755	1,755
Creditors	2,714	3,463	4,328	5,410	6,763
Other Current Liab	2,714	2,858	2,858	2,858	2,858
LT Debt	1,290	3,951	3,951	2,656 3,951	2,838 3,951
Other LT Liabilities	1,290	1,640	1,640	1,640	1,640
Shareholder's Equity	9,782	10,144	10,909	11,717	12,574
Minority Interests	803	4,393	4,387	4,382	4,376
Total Cap. & Liab.	19,479	28,203	29,828	31,712	33,916
Total Cap. & Llab.	13,473	20,203	29,626	31,712	33,310
Non-Cash Wkg. Capital	3,167	3,423	4,525	5,866	7,504
Net Cash/(Debt)	1,295	(34)	(232)	(603)	(1,229)
Debtors Turn (avg days)	174.8	143.2	187.5	220.0	255.1
Creditors Turn (avg days)	123.4	112.9	154.2	179.4	205.7
Inventory Turn (avg days)	128.1	108.3	134.0	142.6	149.5
Asset Turnover (x)	0.5	0.6	0.5	0.5	0.5
Current Ratio (x)	1.9	1.9	1.9	1.9	1.9
Quick Ratio (x)	1.4	1.5	1.5	1.5	1.4
Net Debt/Equity (X)	CASH	0.0	0.0	0.0	0.1
Net Debt/Equity ex MI (X)	CASH	0.0	0.0	0.1	0.1
Capex to Debt (%)	35.7	39.1	9.7	9.7	9.7
Z-Score (X)	NA	NA	NA	NA	NA
Source: Company, DBS HK					

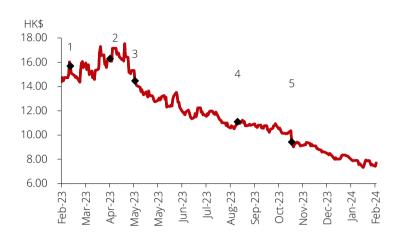
Cash Flow Statement (RMB m)

FY Dec	2021A	2022A	2023F	2024F	2025F
Pre-Tax Profit	748	1,152	1,100	1,128	1,184
Dep. & Amort.	381	592	683	706	698
Tax Paid	(27)	9	9	9	10
Assoc. & JV Inc/(loss)	(107)	(112)	(120)	(120)	(120)
(Pft)/ Loss on disposal of FAs	0	0	0	0	0
Chg in Wkg.Cap.	(406)	(229)	(1,102)	(1,342)	(1,638)
Other Operating CF	(61)	183	103	108	116
Net Operating CF	527	1,595	673	489	249
Capital Exp.(net)	(1,074)	(2,228)	(552)	(552)	(552)
Other Invts.(net)	(320)	228	0	0	0
Invts in Assoc. & JV	(60)	(311)	0	0	0
Div from Assoc & JV	52	90	120	120	120
Other Investing CF	12	35	0	0	0
Net Investing CF	(1,390)	(2,187)	(432)	(432)	(432)
Div Paid	(254)	(370)	(350)	(334)	(343)
Chg in Gross Debt	1,944	2,235	0	0	0
Capital Issues	623	129	0	0	0
Other Financing CF	(24)	(17)	(165)	(169)	(177)
Net Financing CF	2,289	1,977	(515)	(503)	(520)
Currency Adjustments	(43)	76	76	76	76
Chg in Cash	1,384	1,461	(198)	(371)	(626)
Opg CFPS (RMB)	1.23	2.41	2.34	2.41	2.49
Free CFPS (RMB)	(0.72)	(0.84)	0.16	(0.08)	(0.40)

Source: Company, DBS HK



Target Price & Ratings 12-mth History



S.No.	No. Date Closing		12-mth	Rating
		Price	Target	
			Price	
1:	16-Feb-23	HK\$16.04	HK\$24.70	Buy
2:	3-Apr-23	HK\$16.16	HK\$25.40	Buy
3:	2-May-23	HK\$15.32	HK\$26.70	Buy
4:	29-Aug-23	HK\$10.92	HK\$17.30	Buy
5:	31-Oct-23	HK\$10.36	HK\$9.90	Hold

Source: DBS HK

Analyst: Tsz Wang Tam

Andy Yu

Live more, Bank less

Yangtze Optical Fibre and Cable

DBS Group Research recommendations are based on an Absolute Total Return* Rating system, defined as follows:

STRONG BUY (>20% total return over the next 3 months, with identifiable share price catalysts within this time frame)

BUY (>15% total return over the next 12 months for small caps, >10% for large caps)

HOLD (-10% to +15% total return over the next 12 months for small caps, -10% to +10% for large caps)

FULLY VALUED (negative total return, i.e., > -10% over the next 12 months)

SELL (negative total return of > -20% over the next 3 months, with identifiable share price catalysts within this time frame)

Completed Date: 7 Feb 2024 09:15:53 (HKT) Dissemination Date: 7 Feb 2024 09:53:35 (HKT)

Sources for all charts and tables are DBS HK unless otherwise specified.

GENERAL DISCLOSURE/DISCLAIMER

This report is prepared by DBS Bank (Hong Kong) Limited ("DBS HK"). This report is solely intended for the clients of DBS Bank Ltd., DBS HK, DBS Vickers (Hong Kong) Limited ("DBSV HK"), and DBS Vickers Securities (Singapore) Pte Ltd. ("DBSVS"), its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBS HK.

The research set out in this report is based on information obtained from sources believed to be reliable, but we (which collectively refers to DBS Bank Ltd., DBS HK, DBSVS, its respective connected and associated corporations, affiliates and their respective directors, officers, employees and agents (collectively, the "DBS Group") have not conducted due diligence on any of the companies, verified any information or sources or taken into account any other factors which we may consider to be relevant or appropriate in preparing the research. Accordingly, we do not make any representation or warranty as to the accuracy, completeness or correctness of the research set out in this report. Opinions expressed are subject to change without notice. This research is prepared for general circulation. Any recommendation contained in this document does not have regard to the specific investment objectives, financial situation and the particular needs of any specific addressee. This document is for the information of addressees only and is not to be taken in substitution for the exercise of judgement by addressees, who should obtain separate independent legal or financial advice. The DBS Group accepts no liability whatsoever for any direct, indirect and/or consequential loss (including any claims for loss of profit) arising from any use of and/or reliance upon this document and/or further communication given in relation to this document. This document is not to be construed as an offer or a solicitation of an offer to buy or sell any securities. The DBS Group, along with its affiliates and/or persons associated with any of them may from time to time have interests in the securities mentioned in this document. The DBS Group, may have positions in, and may effect transactions in securities mentioned herein and may also perform or seek to perform broking, investment banking and other banking services for these companies.

Any valuations, opinions, estimates, forecasts, ratings or risk assessments herein constitutes a judgment as of the date of this report, and there can be no assurance that future results or events will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments. The information in this document is subject to change without notice, its accuracy is not guaranteed, it may be incomplete or condensed, it may not contain all material information concerning the company (or companies) referred to in this report and the DBS Group is under no obligation to update the information in this report.

This publication has not been reviewed or authorized by any regulatory authority in Singapore, Hong Kong or elsewhere. There is no planned schedule or frequency for updating research publication relating to any issuer.

The valuations, opinions, estimates, forecasts, ratings or risk assessments described in this report were based upon a number of estimates and assumptions and are inherently subject to significant uncertainties and contingencies. It can be expected that one or more of the estimates on which the valuations, opinions, estimates, forecasts, ratings or risk assessments were based will not materialize or will vary significantly from actual results. Therefore, the inclusion of the valuations, opinions, estimates, forecasts, ratings or risk assessments described herein IS NOT TO BE RELIED UPON as a representation and/or warranty by the DBS Group (and/or any persons associated with the aforesaid entities), that:

- (a) such valuations, opinions, estimates, forecasts, ratings or risk assessments or their underlying assumptions will be achieved, and
- (b) there is any assurance that future results or events will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments stated therein.

Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets. Any assumptions made in this report that refers to commodities, are for the purposes of making forecasts for the company (or companies) mentioned herein. They are not to be construed as recommendations to trade in the physical commodity or in the futures contract relating to the commodity referred to in this report.

^{*}Share price appreciation + dividends



DBS Vickers Securities (USA) Inc ("DBSVUSA"), a US-registered broker-dealer, does not have its own investment banking or research department, has not participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction in the past twelve months and does not engage in market-making.

ANALYST CERTIFICATION

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible for the content of this research report, in part or in whole, certifies that he or his associate¹ does not serve as an officer of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant) and the research analyst(s) primarily responsible for the content of this research report or his associate does not have financial interests² in relation to an issuer or a new listing applicant that the analyst reviews. DBS Group has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the DBS Group and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of DBS Group's compensation to any specific investment banking function of the DBS Group.

COMPANY-SPECIFIC / REGULATORY DISCLOSURES

1. DBS Bank Ltd, DBS HK, DBSVS or their subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of 31 Jan 2024.

2. Compensation for investment banking services:

DBSVUSA does not have its own investment banking or research department, nor has it participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction in the past twelve months. Any US persons wishing to obtain further information, including any clarification on disclosures in this disclaimer, or to effect a transaction in any security discussed in this document should contact DBSVUSA exclusively.

3. Disclosure of previous investment recommendation produced:

DBS Bank Ltd, DBSVS, DBS HK, their subsidiaries and/or other affiliates of DBSVUSA may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed on page 1 of this report to view previous investment recommendations published by DBS Bank Ltd, DBS HK, DBSVS, their subsidiaries and/or other affiliates of DBSVUSA in the preceding 12 months.

¹ An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

² Financial interest is defined as interests that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.



RESTRICTIONS ON DISTRIBUTION

STRICTIONS ON	
General	This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.
Australia	This report is being distributed in Australia by DBS Bank Ltd, DBSVS or DBSV HK. DBS Bank Ltd holds Australian Financial Services Licence no. 475946.
	DBS Bank Ltd, DBSVS and DBSV HK are exempted from the requirement to hold an Australian Financial Services Licence under the Corporation Act 2001 ("CA") in respect of financial services provided to the recipients. Both DBS Bank Ltd and DBSVS are regulated by the Monetary Authority of Singapore under the laws of Singapore, and DBSV HK is regulated by the Hong Kong Securities and Futures Commission under the laws of Hong Kong, which differ from Australian laws.
	Distribution of this report is intended only for "wholesale investors" within the meaning of the CA.
Hong Kong	This report is being distributed in Hong Kong by DBS Bank Ltd, DBS Bank (Hong Kong) Limited and DBS Vickers (Hong Kong) Limited, all of which are registered with or licensed by the Hong Kong Securities and Futures Commission to carry out the regulated activity of advising on securities. DBS Bank Ltd., Hong Kong Branch is a limited liability company incorporated in Singapore.
	For any query regarding the materials herein, please contact Dennis Lam (Reg No. AH 8290) at dbsvhk@dbs.com.
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.
Malaysia	This report is distributed in Malaysia by AllianceDBS Research Sdn Bhd ("ADBSR"). Recipients of this report, received from ADBSR are to contact the undersigned at 603-2604 3333 in respect of any matters arising from or in connection with this report. In addition to the General Disclosure/Disclaimer found at the preceding page, recipients of this report are advised that ADBSR (the preparer of this report), its holding company Alliance Investment Bank Berhad, their respective connected and associated corporations, affiliates, their directors, officers, employees, agents and parties related or associated with any of them may have positions in, and may effect transactions in the securities mentioned herein and may also perform or seek to perform broking, investment banking/corporate advisory and other services for the subject companies. They may also have received compensation and/or seek to obtain compensation for broking, investment banking/corporate advisory and other services from the subject companies.
	Wong Ming Tek, Executive Director, ADBSR
Singapore	This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 196800306E) or DBSVS (Company Regn No. 198600294G), both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an arrangement under Regulation 32C of the Financial Advisers Regulations. Where the report is distributed in Singapore to a person who is not an Accredited Investor, Expert Investor or an Institutional Investor, DBS Bank Ltd accepts legal responsibility for the contents of the report to such persons only to the extent required by law. Singapore recipients should contact DBS Bank Ltd at 6878 8888 for matters arising from, or in connection with the report.
Thailand	This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.
	For any query regarding the materials herein, please contact [Chanpen Sirithanarattanakul] at [research@th.dbs.com]
United	This report is produced by DBS HK which is regulated by the Hong Kong Monetary Authority
Kingdom	This report is disseminated in the United Kingdom by DBS Bank Ltd, London Branch ("DBS UK"). DBS Bank Ltd is regulated by the Monetary Authority of Singapore. DBS UK is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from us on request.
	In respect of the United Kingdom, this report is solely intended for the clients of DBS UK, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBS UK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this communication.



Dubai
International
Financial
Centre

This communication is provided to you as a Professional Client or Market Counterparty as defined in the DFSA Rulebook Conduct of Business Module (the "COB Module"), and should not be relied upon or acted on by any person which does not meet the criteria to be classified as a Professional Client or Market Counterparty under the DFSA rules.

This communication is from the branch of DBS Bank Ltd operating in the Dubai International Financial Centre (the "DIFC") under the trading name "DBS Bank Ltd. (DIFC Branch)" ("DBS DIFC"), registered with the DIFC Registrar of Companies under number 156 and having its registered office at units 608 - 610, 6th Floor, Gate Precinct Building 5, PO Box 506538, DIFC. Dubai, United Arab Emirates.

DBS DIFC is regulated by the Dubai Financial Services Authority (the "DFSA") with a DFSA reference number F000164. For more information on DBS DIFC and its affiliates, please see http://www.dbs.com/ae/our--network/default.page.

Where this communication contains a research report, this research report is prepared by the entity referred to therein, which may be DBS Bank Ltd or a third party, and is provided to you by DBS DIFC. The research report has not been reviewed or authorised by the DFSA. Such research report is distributed on the express understanding that, whilst the information contained within is believed to be reliable, the information has not been independently verified by DBS DIFC.

Unless otherwise indicated, this communication does not constitute an "Offer of Securities to the Public" as defined under Article 12 of the Markets Law (DIFC Law No.1 of 2012) or an "Offer of a Unit of a Fund" as defined under Article 19(2) of the Collective Investment Law (DIFC Law No.2 of 2010).

The DFSA has no responsibility for reviewing or verifying this communication or any associated documents in connection with this investment and it is not subject to any form of regulation or approval by the DFSA. Accordingly, the DFSA has not approved this communication or any other associated documents in connection with this investment nor taken any steps to verify the information set out in this communication or any associated documents, and has no responsibility for them. The DFSA has not assessed the suitability of any investments to which the communication relates and, in respect of any Islamic investments (or other investments identified to be Shari'a compliant), neither we nor the DFSA has determined whether they are Shari'a compliant in any way.

Any investments which this communication relates to may be illiquid and/or subject to restrictions on their resale. Prospective purchasers should conduct their own due diligence on any investments. If you do not understand the contents of this document you should consult an authorised financial adviser.

United States

This report was prepared by DBS HK. DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.

Other jurisdictions

In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

DBS Bank (Hong Kong) Limited

13 th Floor One Island East, 18 Westlands Road, Quarry Bay, Hong Kong Tel: (852) 3668-4181, Fax: (852) 2521-1812



DBS Regional Research Offices

HONG KONG DBS Bank (Hong Kong) Ltd Contact: Dennis Lam

13th Floor One Island East, 18 Westlands Road, Quarry Bay, Hong Kong

Tel: 852 3668 4181 Fax: 852 2521 1812 e-mail: dbsvhk@dbs.com

THAILAND DBS Vickers Securities (Thailand) Co Ltd Contact: Chanpen Sirithanarattanakul

989 Siam Piwat Tower Building, 9th, 14th-15th Floor Rama 1 Road, Pathumwan, Bangkok Thailand 10330 Tel. 66 2 857 7831

Tel. 66 2 857 7831 Fax: 66 2 658 1269

e-mail: research@th.dbs.com Company Regn. No 0105539127012 Securities and Exchange Commission, Thailand SINGAPORE DBS Bank Ltd Contact: Andy Sim

12 Marina Boulevard, Marina Bay Financial Centre Tower 3 Singapore 018982 Tel: 65 6878 8888 e-mail: groupresearch@dbs.com Company Regn. No. 196800306E INDONESIA PT DBS Vickers Sekuritas (Indonesia) Contact: Maynard Priajaya Arif

DBS Bank Tower Ciputra World 1, 32/F Jl. Prof. Dr. Satrio Kav. 3-5 Jakarta 12940, Indonesia Tel: 62 21 3003 4900 Fax: 6221 3003 4943

e-mail: indonesiaresearch@dbs.com