# China / Hong Kong Company Update

# **Hutchison Telecom**

Bloomberg: 215 HK Equity | Reuters: 0215.HK

Refer to important disclosures at the end of this report

# DBS Group Research . Equity

28 Feb 2022

# HOLD (Downgrade from BUY)

Last Traded Price (25 Feb 2022): HK\$1.32 (HSI: 22,767)

Price Target 12-mth: HK\$1.10 (17% downside) (Prev HK\$1.40)

#### **Analyst**

Tsz Wang Tam +852 36684195 tszwangtam@dbs.com Harry Zhuang harryzhuangy@dbs.com

## **What's New**

- Further deterioration in 2H21 with a net loss of HK\$27m, compared to a net profit of HK\$31m in 1H21
- Local service revenue growth slowed down from 4% in 1H21 to 0.2% in 2H21, a major disappointment
- Cut earnings by 49% and 44% for FY22 and FY23 respectively on slower service revenue growth and higher network costs
- Downgrade to HOLD, with a lower TP of HK\$1.1 on earnings cut

# 

# Forecasts and Valuation FY Dec (HK\$m)

FY Dec (HK\$m)	2020A	2021A	2022F	2023F
Turnover	4,545	5,385	5,512	5,663
EBITDA	1,606	1,445	1,481	1,556
Pre-tax Profit	444	86	133	229
Net Profit	361	4	108	186
Net Profit Gth (Pre-ex) (%)	(15.9)	(98.9)	2,591.1	72.5
EPS (HK\$)	0.07	0.00	0.02	0.04
EPS Gth (%)	(15.9)	(98.9)	2,591.1	72.5
Diluted EPS (HK\$)	0.07	0.00	0.02	0.04
DPS (HK\$)	0.07	0.27	0.07	0.07
BV Per Share (HK\$)	2.50	2.24	2.19	2.16
PE (X)	17.6	1590.3	59.1	34.3
P/Cash Flow (X)	4.9	1.9	6.2	5.4
P/Free CF (X)	9.0	2.5	10.2	8.1
EV/EBITDA (X)	0.7	1.7	1.8	1.7
Net Div Yield (%)	5.7	20.7	5.7	5.7
P/Book Value (X)	0.5	0.6	0.6	0.6
Net Debt/Equity (X)	CASH	CASH	CASH	CASH
ROAE (%)	3.0	0.0	1.0	1.8
Earnings Rev (%):			(49)	(44)
Consensus EPS (HK\$)			0.04	0.05
Other Broker Recs:		B:2	S:0	H:4

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

#### **Investment Thesis**

Huge cash position to be unlocked. We estimate Hutchison Telecom (HT) would have net cash of c.HK\$4bn after distribution of special dividend in 2021, equivalent to c.HK\$0.8 per share. The value could be unlocked with further special dividends in the future.

Pure mobile player with ample cash

**Expect higher 5G penetration to drive ARPU recovery.** We forecast mobile ARPU to improve by c. 3% each in FY22 and FY23.

Mobile roaming revenue remains under pressure. Due to prolonged travel restrictions from various variant outbreaks globally and 5th COVID-19 wave in Hong Kong, mobile roaming revenue will remain sluggish at least in 1H22.

#### Valuation:

Our TP of HK\$1.1 is based on sum of the parts: (1) HK\$0.3 per share for the mobile business at 15x FY22 PE, in line with its major peer, (2) net cash of HK\$0.8 per share.

#### Where we differ:

More cautious on earnings recovery. Due to the slowdown of local service revenue growth in 2H21 and weaker service revenue growth compared to peers, we are more cautious on Hutchison Telecom's earnings recovery trajectory compared to peers.

#### **Key Risks to Our View:**

Irrational market competition (downside risk). Hong Kong's mobile market is crowded with four major players. Irrational pricing may lead to a price war.

Recovery of mobile roaming revenue (upside risk). Faster than expected mobile roaming revenue will lead to higher EBITDA and earnings, as mobile roaming business enjoys higher margin.

#### At A Glance

Services

, to , to claimed	
Issued Capital (m shrs)	4,819
Mkt Cap (HK\$m/US\$m) 6	,361 / 815
Major Shareholders (%)	
CK Hutchison Holdings Ltd.	66.1
Li Ka Shing Foundation	7.3
Free Float (%)	26.6
3m Avg. Daily Val. (US\$m)	0.26
GICS Industry: Communication Services / Telecommunic	ation







#### **WHAT'S NEW**

#### 2H21 disappointed with net loss of HK\$27m; sluggish local service revenue growth in 2H21

## FY21 and 2H21 results highlights

Revenue increased by 18% y-o-y to HK\$5,385m in FY21, mainly attributable to 70% y-o-y growth in hardware and other product sales.

Service revenue decreased 1% y-o-y to HK\$3,241m in FY21. Local service revenue grew 2% y-o-y to HK\$2,980m in FY21, driven by 35% y-o-y growth corporate solution revenue. However, local service revenue growth slowed from 4% in 1H21 to 0.2% in 2H21, mainly attributable to lower local postpaid net ARPU of HK\$159 in FY21 compared to HK\$160 in 1H21.

Total customers decreased 1% from 3,233k as of Jun 21 to 3,202k as of Dec 21. Postpaid customers increased by 1% from 1,423k to 1,442k as of Dec 21, while prepaid customers decreased 3% from 1,810k as of Jun 21 to 1,760k as of Dec 21. Local postpaid net ARPU decreased from HK\$160 in 1H21 to HK\$159 in FY21, despite 5G penetration rising from 10-15% as of Jun 21 to 21% as of Dec 21 among postpaid customers.

Service EBITDA decreased by 21% y-o-y in 2H21 to HK\$692m (vs. HK\$723m in 1H21). Service EBITDA margin was down 6ppts y-o-y to 44% in FY21.

Net profit plunged by 99% y-o-y to HK\$4m in FY21. Earnings had deteriorated to net loss of HK27m in 2H21 from net profit of HK\$31m in 1H21 due to slower local service revenue growth and increasing network costs in 2H21, vs. net profit of HK\$146m in 1H20 and HK\$251m in 2H20.

A final dividend per share (DPS) of HK\$0.0521 was proposed, same as FY20, totaling full year DPS of HK\$0.2729, including a special dividend of HK\$0.198 per share that was announced in FY21 interim results.

#### Outlook

The impact of COVID-19 has been longer than our expectations due to the various variant outbreaks globally

and 5th COVID-19 wave in Hong Kong. We expect mobile roaming business to remain under pressure at least in 1H22. However, further roaming revenue shrinkage is unlikely.

Growth of local service revenue will be driven by expanding corporate solutions revenue, increasing 5G broadband users and customers upgrading to 5G. However, we cut our postpaid ARPU assumption by 2% and 3% respectively for FY22 and FY23 due to a sluggish recovery of local postpaid net ARPU in 2H21. We forecast ARPU to grow by c.3% each in FY22 and FY23 respectively.

Despite a 47% hike in capex in FY21 due to investments in 5G infrastructure, management expects capex to reduce to HK\$400m-HK\$500m in FY22. The company targets to maintain similar dividend to that of FY20 before earnings fully recovers and 100% payout going forward. Besides, after settling 5G capex and evaluation of potential investment opportunities, the company may consider declaring another special interim dividend in 1H22.

## Downgrade from BUY to HOLD with a lower TP of HK\$1.1

We have cut our earnings by 49% and 44% for FY22 and FY23 respectively after incorporating slower service revenue recovery. We expect earnings to grow from HK\$4m in FY21 to HK\$108m and HK\$186m in FY22 and FY23. We downgrade Hutchison Telecom from BUY to HOLD with a lower TP to HK\$1.1, which is based on sum of the parts: (1) HK\$0.3 per share for the mobile business at 15x FY22 PE, in line with the target multiple for its major peer, (2) net cash of HK\$0.8 per share.

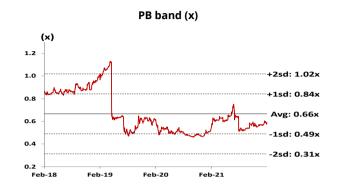
# **Company Background**

Hutchison Telecom (HT) has now become a pure mobile operator following the sale of its fixed-line assets, operating under the brand "3 Hong Kong". It has a c.20% mobile subscriber market share. Its major shareholder is CK Hutchison Holdings Limited.



# **Historical PE and PB band**

# Forward PE band (x) (x) 1420.7 1220.7 1020.7 820.7 420.7 220.7 220.7 20.7 Avg: 85.1x 179.3 Feb-18 Feb-19 Feb-20 Feb-21 Feb-21 Feb-21 Feb-21



Source: Thomson Reuters, DBS HK



# **Key Assumptions**

FY Dec	2019A	2020A	2021A	2022F	2023F
Mobile sub number (k)	3,655.0	3,279.0	3,202.0	3,234.0	3,284.0
Mobile ARPU (HK\$)	87.0	79.0	83.0	86.0	88.0
Source: Company, DBS HK					

# Segmental Breakdown (HK\$ m)

FY Dec	2019A	2020A	2021A	2022F	2023F
Revenues (HK\$ m)					
Moible	3,613	3,285	3,241	3,325	3,454
Hardware sales	1,969	1,260	2,144	2,187	2,209
Total	5,582	4,545	5,385	5,512	5,663

Source: Company, DBS HK





# Income Statement (HK\$ m)

FY Dec	2019A	2020A	2021A	2022F	2023F
Revenue	5,582	4,545	5,385	5,512	5,663
Cost of Goods Sold	(1,941)	(1,238)	(2,082)	(2,128)	(2,154)
Gross Profit	3,641	3,307	3,303	3,384	3,509
Other Opng (Exp)/Inc	(3,255)	(2,921)	(3,183)	(3,229)	(3,267)
Operating Profit	386	386	120	155	242
Other Non Opg (Exp)/Inc	0	0	0	0	0
Associates & JV Inc	(4)	(4)	(4)	(4)	(4)
Net Interest (Exp)/Inc	153	62	(30)	(18)	(9)
Dividend Income	0	0	0	0	0
Exceptional Gain/(Loss)	0	0	0	0	0
Pre-tax Profit	535	444	86	133	229
Tax	(98)	(83)	(82)	(25)	(44)
Minority Interest	(8)	0	0	0	0
Preference Dividend	0	0	0	0	0
Net Profit	429	361	4	108	186
Net Profit before Except.	429	361	4	108	186
EBITDA	1,569	1,606	1,445	1,481	1,556
Growth					
Revenue Gth (%)	(29.4)	(18.6)	18.5	2.4	2.7
EBITDA Gth (%)	45.3	2.4	(10.1)	2.5	5.0
Opg Profit Gth (%)	22.2	0.0	(68.9)	29.2	56.3
Net Profit Gth (%)	6.2	(15.9)	(98.9)	2,591.1	72.5
Margins & Ratio					
Gross Margins (%)	65.2	72.8	61.3	61.4	62.0
Opg Profit Margin (%)	6.9	8.5	2.2	2.8	4.3
Net Profit Margin (%)	7.7	7.9	0.1	2.0	3.3
ROAE (%)	3.1	3.0	0.0	1.0	1.8
ROA (%)	2.6	2.5	0.0	0.7	1.2
ROCE (%)	2.2	2.5	0.0	1.0	1.5
Div Payout Ratio (%)	75.1	100.0	32,875.0	335.4	194.5
Net Interest Cover (x)	NM	NM	4.0	8.5	26.3
Source: Company, DBS HK					

# Interim Income Statement (HK\$ m)

FY Dec	2H2019	1H2020	2H2020	1H2021	2H2021
Revenue	3,067	1,982	2,563	2,565	2,820
Cost of Goods Sold	(1,217)	(315)	(923)	(911)	(1,171)
Gross Profit	1,850	1,667	1,640	1,654	1,649
Other Oper. (Exp)/Inc	(1,613)	(1,530)	(1,391)	(1,568)	(1,615)
Operating Profit	237	137	249	86	34
Other Non Opg (Exp)/Inc	0	0	0	0	0
Associates & JV Inc	(2)	(2)	(2)	(2)	(2)
Net Interest (Exp)/Inc	61	52	10	(10)	(20)
Exceptional Gain/(Loss)	0	0	0	0	0
Pre-tax Profit	296	187	257	74	12
Tax	(55)	(41)	(42)	(43)	(39)
Minority Interest	0	0	0	0	0
Net Profit	241	146	215	31	(27)
Net profit bef Except.	241	146	215	31	(27)
Growth					
Revenue Gth (%)	(21.2)	(21.2)	(16.4)	29.4	10.0
Opg Profit Gth (%)	79.5	(8.1)	5.1	(37.2)	(86.3)
Net Profit Gth (%)	17.0	(22.3)	(10.8)	(78.8)	N/A
Margins					
Gross Margins (%)	60.3	84.1	64.0	64.5	58.5
Opg Profit Margins (%)	7.7	6.9	9.7	3.4	1.2
Net Profit Margins (%) Source: Company, DBS HK	7.9	7.4	8.4	1.2	(1.0)





# Balance Sheet (HK\$ m)

FY Dec	2019A	2020A	2021A	2022F	2023F
Net Fixed Assets	2,326	2,551	3,001	3,157	3,313
Invts in Associates & JVs	336	282	215	211	207
Other LT Assets	5,539	5,558	7,253	6,978	6,576
Cash & ST Invts	5,416	5,251	3,975	3,731	3,660
Inventory	55	92	96	93	94
Debtors	564	839	729	781	770
Other Current Assets	240	241	177	177	177
Total Assets	14,476	14,814	15,446	15,129	14,798
ST Debt	0	0	0	0	0
Creditors	1,509	1,495	1,693	1,629	1,474
Other Current Liab	466	518	452	452	452
LT Debt	0	0	0	0	0
Other LT Liabilities	538	754	2,486	2,486	2,486
Shareholder's Equity	11,963	12,047	10,815	10,562	10,386
Minority Interests	0	0	0	0	0
Total Cap. & Liab.	14,476	14,814	15,446	15,129	14,798
Total Cap. & Llab.	17,770	17,017	13,0	13,123	17,750
Non-Cash Wkg. Capital	(1,116)	(841)	(1,143)	(1,030)	(884)
Net Cash/(Debt)	5,416	5,251	3,975	3,731	3,660
Debtors Turn (avg days)	36.3	56.3	53.1	50.0	50.0
Creditors Turn (avg days)	790.0	39,159.3	772.2	759.8	677.1
Inventory Turn (avg days)	39.2	1,916.3	45.5	43.3	41.0
Asset Turnover (x)	0.3	0.3	0.4	0.4	0.4
Current Ratio (x)	3.2	3.2	2.3	2.3	2.4
Quick Ratio (x)	3.0	3.0	2.2	2.2	2.3
Net Debt/Equity (X)	CASH	CASH	CASH	CASH	CASH
Net Debt/Equity ex MI (X)	CASH	CASH	CASH	CASH	CASH
Capex to Debt (%)	N/A	N/A	N/A	N/A	N/A
Z-Score (X)	2.2	1.8	1.3	1.4	1.4
Source: Company, DBS HK					

# Cash Flow Statement (HK\$ m)

FY Dec	2019A	2020A	2021A	2022F	2023F
Pre-Tax Profit	535	444	86	133	229
Dep. & Amort.	1,207	1,224	1,300	1,330	1,317
Tax Paid	0	(24)	0	(25)	(44)
Assoc. & JV Inc/(loss)	4	4	4	4	4
(Pft)/ Loss on disposal of FAs	0	0	0	0	0
Chg in Wkg.Cap.	76	(102)	348	(113)	(146)
Other Operating CF	(337)	(249)	1,638	(310)	(183)
Net Operating CF	1,485	1,297	3,376	1,018	1,178
Capital Exp.(net)	(503)	(593)	(874)	(397)	(397)
Other Invts.(net)	(203)	(202)	(2,040)	(103)	(103)
Invts in Assoc. & JV	0	0	0	0	0
Div from Assoc & JV	0	0	0	0	0
Other Investing CF	151	46	(2,586)	2,593	45
Net Investing CF	(555)	(749)	(5,500)	2,093	(455)
Div Paid	(4,150)	(291)	(1,315)	(361)	(361)
Chg in Gross Debt	(448)	(422)	(398)	(433)	(433)
Capital Issues	0	0	0	0	0
Other Financing CF	(471)	0	0	0	0
Net Financing CF	(5,069)	(713)	(1,713)	(794)	(794)
Currency Adjustments	0	0	0	0	0
Chg in Cash	(4,139)	(165)	(3,837)	2,317	(71)
Opg CFPS (HK\$)	0.29	0.29	0.63	0.23	0.27
Free CFPS (HK\$)	0.20	0.15	0.52	0.13	0.16

Source: Company, DBS HK



# **Target Price & Ratings History**



S.N	o. Date	Closing Price	12-mth Target Price	Rating
1:	1-Mar-21	HK\$1.34	HK\$2.10	Buy
2:	28-Jul-21	HK\$1.63	HK\$1.90	Buy
3:	5-Jan-22	HK\$1.26	HK\$1.40	Buy

Source: DBS HK

Analyst: Tsz Wang Tam

Harry Zhuang



DBS HK 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: 28 Feb 2022 13:25:20 (HKT) Dissemination Date: 28 Feb 2022 15:30:40 (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, DBSV 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.

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.

<sup>\*</sup>Share price appreciation + dividends



Neither DBS Bank Ltd nor DBS HK market makes in equity securities of the issuer(s) or company(ies) mentioned in this Research Report.

#### 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 have a proprietary position in Hutchison Telecommunications Hong Kong Holdings Ltd (215 HK) recommended in this report as of 23 Feb 2022.
- 2. DBS Bank Ltd, DBS HK, DBSVS, their subsidiaries and/or other affiliates have a net long position exceeding 0.5% of the total issued share capital in Hutchison Telecommunications Hong Kong Holdings Ltd (215 HK) recommended in this report as of 23 Feb 2022.
- 3. DBS Bank Ltd, DBS HK, DBSVS, DBS Vickers Securities (USA) Inc ("DBSVUSA"), or their subsidiaries and/or other affiliates beneficially own a total of 1% of the issuer's market capitalization of Hutchison Telecommunications Hong Kong Holdings Ltd (215 HK) as of 23 Feb 2022.

#### 4. Compensation for investment banking services:

DBS Bank Ltd, DBS HK, DBSVS, their subsidiaries and/or other affiliates of DBSVUSA have managed or co-managed a public offering of securities for CK Hutchison Holdings Ltd (1 HK) in the past 12 months, as of 31 Jan 2022.

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.

## 5. 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.

<sup>&</sup>lt;sup>1</sup> 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.

<sup>&</sup>lt;sup>2</sup> 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.
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 Vickers Securities (UK) Ltd ("DBSVUK"). DBSVUK is authorised and regulated by the Financial Conduct Authority in the United Kingdom.
	In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, 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 DBSVUK. 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 / United Arab Emirates 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: Carol Wu

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

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

MALAYSIA AllianceDBS Research Sdn Bhd Contact: Wong Ming Tek (128540 U)

19th Floor, Menara Multi-Purpose, Capital Square, 8 Jalan Munshi Abdullah 50100, Kuala Lumpur, Malaysia.

Tel.: 603 2604 3333 Fax: 603 2604 3921

e-mail: general@alliancedbs.com Co. Regn No. 198401015984 (128540-U)

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

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: Janice Chua

12 Marina Boulevard, Marina Bay Financial Centre Tower 3 Singapore 018982 Tel: 65 6878 8888 e-mail: groupresearch@dbs.com Company Regn. No. 196800306E