PhillipCapital

SHS Holdings Ltd

Growth engines intact

SINGAPORE | CONSTRUCTION | 2Q18 RESULTS

- Revenue weaker by 13% YoY
- The corrosion prevention segment is benefitting from the improved sentiment in marine & offshore sector. The growth engines solar and modular are gaining traction.
- Maintain BUY with an unchanged target price of \$\$0.29.

Results at a glance

US\$000	2Q18	2Q17	QoQ(%)	Comments
Revenue	8,520	9,769	-12.8%	Decrease mainly attributed to steel engineering projects facing margin compression
Other income	830	337	146.3%	Increase due to higher rental & service income from the Engineering & Construction segment
Selling & Distribution expense	-388	-144	169.4%	Higher business development expenses associated with the expansion of Modular business in Australasia
Finance costs	-160	-38	321.1%	Higher bank borrowings for redevelopment of Hetat factory & office building
Loss after tax	-1,357	-1,206	12.5%	Increased losses mainly attributed to the lackluster environment in structural steel

Source: Company, PSR

The Positives

+ **Improving sentiment in the marine & offshore sector**. Revenue for corrosion prevention (CP) segment increased 6% to S\$3.4m QoQ. The improvement in oil prices led to increased activity in the marine & offshore sector. The group witnessed more construction of new vessels, which resulted in more contracts being awarded. Utilisation of plant capacity improved which led gross margins to increase to 27% from 15.7% a year ago.

+ Growth engines Solar Energy & Modular gains traction. Revenue from the solar energy segment rose to S\$1.8m in 2Q18 from S\$0.15m in 2Q17, the increase is due to the delivery of delayed projects and new contracts secured in FY18. We expect the Bangladesh solar farm project to commission in 1H19. Modular recorded higher revenue for the delivery of pre-fabricated bathroom units for the Lendlease Paya Lebar project. The group has also fully acquired TLC modular the subsidiary for the modular business.

The Negatives

- **Structural steel segment faced with margin compression.** Revenue for the engineering & construction sank 49% YoY to \$\$3.2m from \$\$6.3m due to the structural steel segment. The segment is faced with margin compression from lackluster environment, cost overruns and a one-off revenue adjustment in 2Q18.

Outlook

We remain positive on the two growth drivers of the group solar energy & modular construction and expect significantly higher contributions in FY19. We expect order books to build up for modular construction. The Cosa hotel is on track to deliver the turnkey project in 2H18. We expect the structural steel segment to continue to face challenges from lackluster environment and margin compressions.

Maintain BUY with an unchanged target price of S\$S0.29

We maintained our BUY recommendation with an unchanged target price of S\$0.29. We have adjusted FY19e revenue downwards by 10% in light of the recent result, earnings unchanged as we expect margin expansion from CP and the growth engines.



23 August 2018

BUY (Maintained)

SGD 0.240
SGD 0.001
SGD 0.290
21.3%

COMPANY DATA

O/S SHARES (MN) :	685
MARKET CAP (USD mn / SGD mn) :	115 / 151
52 - WK HI/LO (SGD) :	0.25 / 0.2
3M Average Daily T/O (mn) :	0.50

MAJOR SHAREHOLDERS (%)

Kiat Teng Choon	28.5%
Ng Han Kok	17.4%
A lexander Stone R	5.0%

PRICE PERFORMANCE (%)

	1M T H	3 M T H	1Y R
COMPANY	(4.0)	6.7	12.6
STIRETURN	(1.6)	(8.5)	2.2



Source: Bloomberg, PSI

KEY FINANCIALS Y/E Dec, SGDmn F Y 16 FY17 FY18e FY19e Revenue 56 38 57 100 Gross Profit 16 4 7 32 (18.2) FBIT 6.9 1.0 25.9 Net Profit 12 (20) 0 20 ROE (x) 54% -9.0% 0.0% 9.0%

4.7%

-7.2%

0.0%

6.9%

Source: Company, PSR

ROA (x)

VALUATION METHOD

P/E Multiple @ 10 X

Alvin Chia(+65 6212 1852)Research Analystalvinchiawy@phillip.com.sg

SHS Holdings Ltd RESULTS

Balance Sheet

Net Gearing (X)



Financials

Income Statement					
Y/E Dec, SGD '000	FY15	FY16	FY17	FY18e	FY19e
Revenue	62,727	56,135	37,725	56,669	100,361
Gross Profit	15,198	15,574	4,232	5,885	31,961
EBITDA	14,478	9,889	(14,588)	8,235	34,306
Depreciation & Amortisation	5,191	3,030	3,577	7,914	8,397
EBIT	9,287	6,859	(18,165)	320	25,909
Net Finance Inc/(Exp)	(100)	(135)	(246)	(406)	(444)
Profit before tax	9,101	4,064	(20,213)	(580)	24,609
Taxation	(127)	277	12	99	(4,184)
Net profit before NCI	57,677	11,637	(20,052)	(481)	20,426
Non-controlling interest	(74)	(153)	(1,825)	5	(868)
Net profit, reported	57,751	11,790	(18,227)	(476)	19,558

Per share data (SGD Cents)					
Y/E Dec	FY15	FY16	FY17	FY18e	FY19e
EPS, reported	9.5	1.8	(2.7)	(0.1)	2.9
DPS*	4.0	0.3	0.2	(0.0)	1.0
BVPS	33.6	33.4	31.2	31.5	33.5
*FY15 DPS includes a special div	idend of 3.68 c	ents			

Cash Flow					
Y/E Dec, SGD '000	FY15	FY16	FY17	FY18e	FY19e
<u>CFO</u>					
Profit after tax	57,677	11,637	(20,052)	(481)	20,426
Adjustments	(33,527)	(5,501)	13,590	7,816	12,580
WC changes	2,916	(8,488)	(3,442)	(1,980)	(16,662)
Cash generated from ops	27,066	(2,352)	(9,904)	5,355	16,344
Tax paid	(2,936)	(240)	26	99	(4,184)
Others	(28,186)	3,114	10,718	(5,355)	(16,344)
Cashflow from ops	23,010	(1,830)	(9,064)	5,453	12,161
<u>CFI</u>					
CAPEX, net	(3,457)	(19,546)	(25,072)	(13,000)	(10,000)
Others	56,686	(5,205)	686	(1,600)	-
Cashflow from investments	53,229	(24,751)	(24,386)	(14,600)	(10,000)
CEE					
Share issuance, net	105	16,906	1	-	-
Loans, net of repayments	(1,227)	3,708	12,820	-	-
Dividends	(5,659)	(27,741)	(1,713)	186	(6,845)
Interest paid	(2,429)	(915)	(5,314)	(406)	(444)
Others	23	2,735	6,030	(207)	-
Cashflow from financing	(9,187)	(5,307)	11,824	(427)	(7,289)
Net change in cash	67,052	(31,888)	(21,626)	(9,574)	(5,129)
Effects of exchange rates	(117)	125	(59)	-	-
CCE, end	102,555	70,792	49,107	39,533	34,405

Y/E Dec, SGD '000	FY15	FY16	FY17	FY18e	FY19e
ASSETS					
PPE	27,138	42,793	75,408	80,494	82,097
Others	87,916	103,959	93,875	97,875	97,875
Total non-current assets	93,522	111,303	145,345	154,431	156,034
Accounts receivables	23,518	21,147	14,716	41,886	54,901
Cash	103,755	70,792	49,107	39,533	34,405
Inventories	4,083	9,941	20,483	10,127	12,361
Total current assets	152,888	137,329	108,244	115,484	125,604
Total Assets	246,410	248,632	253,589	269,915	281,638
LIABILITIES					
Accounts payables	14,041	12,311	11,928	26,762	25,349
Short term loans	150	18	13,050	13,050	13,050
Tax payable	858	528	811	811	811
Total current liabilities	23,871	22,671	39,829	54,178	52,321
Long term loans	-	3,840	3,776	3,776	3,776
Deferred tax liabilites	2,202	2,015	3,598	3,598	3,598
Total non-current liabilities	2,588	6,133	7,502	7,374	7,374
Total Liabilities	26,459	28,804	47,331	61,552	59,695
EQUITY					
Non-controlling interests	849	2,051	2,938	2,933	3,801
Shareholder Equity	219,102	217,777	203,320	205,429	218,142
Valuation Ratios					
Valuation Ratios Y/E Dec	FY15	FY16	FY17	FY18e	FY19e
	FY15 2.5	FY16 13.2	FY17 (8.8)	FY18e (338.0)	FY19e 8.2
Y/E Dec					
Y/E Dec P/E (X)	2.5	13.2	(8.8)	(338.0)	8.2
Y/E Dec P/E (X) P/B (X)	2.5 0.7	13.2 0.7	(8.8) 0.8	(338.0) 0.7	8.2 0.7
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X)	2.5 0.7 2.7	13.2 0.7 9.2	(8.8) 0.8 (9.0)	(338.0) 0.7 17.2	8.2 0.7 4.3
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield	2.5 0.7 2.7	13.2 0.7 9.2	(8.8) 0.8 (9.0)	(338.0) 0.7 17.2	8.2 0.7 4.3
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins	2.5 0.7 2.7	13.2 0.7 9.2	(8.8) 0.8 (9.0)	(338.0) 0.7 17.2	8.2 0.7 4.3
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth	2.5 0.7 2.7	13.2 0.7 9.2 1.1%	(8.8) 0.8 (9.0) 0.9%	(338.0) 0.7 17.2 -0.1%	8.2 0.7 4.3 4.3%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth Revenue	2.5 0.7 2.7	13.2 0.7 9.2 1.1%	(8.8) 0.8 (9.0) 0.9%	(338.0) 0.7 17.2 -0.1%	8.2 0.7 4.3 4.3% 77.1%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth Revenue EBITDA	2.5 0.7 2.7	13.2 0.7 9.2 1.1% -10.5% -31.7%	(8.8) 0.8 (9.0) 0.9% -32.8% -247.5%	(338.0) 0.7 17.2 -0.1% 50.2% N.M.	8.2 0.7 4.3 4.3% 77.1% 316.6%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth Revenue EBITDA EBIT	2.5 0.7 2.7	13.2 0.7 9.2 1.1% -10.5% -31.7% -26.1%	(8.8) 0.8 (9.0) 0.9% -32.8% -247.5% -364.8%	(338.0) 0.7 17.2 -0.1% 50.2% N.M. N.M.	8.2 0.7 4.3 4.3% 77.1% 316.6% 7987.2%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins <u>Growth</u> Revenue EBITDA EBIT Net profit, adj.	2.5 0.7 2.7	13.2 0.7 9.2 1.1% -10.5% -31.7% -26.1%	(8.8) 0.8 (9.0) 0.9% -32.8% -247.5% -364.8%	(338.0) 0.7 17.2 -0.1% 50.2% N.M. N.M.	8.2 0.7 4.3 4.3% 77.1% 316.6% 7987.2%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth Revenue EBITDA EBIT Net profit, adj. Margins	2.5 0.7 2.7 17.0%	13.2 0.7 9.2 1.1% -10.5% -31.7% -26.1% -79.6%	(8.8) 0.8 (9.0) 0.9% -32.8% -247.5% -364.8% -254.6%	(338.0) 0.7 17.2 -0.1% 50.2% N.M. N.M. N.M.	8.2 0.7 4.3 4.3% 77.1% 316.6% 7987.2% -4206.4%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth Revenue EBITDA EBITDA EBIT Margins Gross margin EBITDA margin	2.5 0.7 2.7 17.0% - - - - 24.2%	13.2 0.7 9.2 1.1% -10.5% -31.7% -26.1% -79.6% 27.7%	(8.8) 0.8 (9.0) 0.9% -32.8% -247.5% -364.8% -254.6% 11.2%	(338.0) 0.7 17.2 -0.1% 50.2% N.M. N.M. N.M. 10.4%	8.2 0.7 4.3 4.3% 77.1% 316.6% 7987.2% -4206.4% 31.8%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth Revenue EBITDA EBIT Net profit, adj. Margins Gross margin EBITDA margin	2.5 0.7 2.7 17.0% - - - - - - - - - - - - - - - - - - -	13.2 0.7 9.2 1.1% -10.5% -31.7% -26.1% -79.6% 27.7% 17.6%	(8.8) 0.8 (9.0) 0.9% -32.8% -247.5% -364.8% -254.6% 11.2% -38.7%	(338.0) 0.7 17.2 -0.1% 50.2% N.M. N.M. N.M. 10.4% 14.5%	8.2 0.7 4.3 4.3% 77.1% 316.6% 7987.2% -4206.4% 31.8% 34.2%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth Revenue EBITDA EBITDA EBIT Net profit, adj. Margins Gross margin EBITDA margin EBITDA margin EBITDA margin	2.5 0.7 2.7 17.0% - - - 24.2% 23.1% 14.8%	13.2 0.7 9.2 1.1% -10.5% -31.7% -26.1% -79.6% 27.7% 17.6% 12.2%	(8.8) 0.8 (9.0) 0.9% -247.5% -364.8% -254.6% 11.2% -38.7% -48.2%	(338.0) 0.7 17.2 -0.1% 50.2% N.M. N.M. N.M. 10.4% 14.5% 0.6%	8.2 0.7 4.3 4.3% 77.1% 316.6% 7987.2% -4206.4% 31.8% 34.2% 25.8%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth Revenue EBITDA EBIT Net profit, adj. Margins Gross margin EBITDA margin	2.5 0.7 2.7 17.0% - - - 24.2% 23.1% 14.8%	13.2 0.7 9.2 1.1% -10.5% -31.7% -26.1% -79.6% 27.7% 17.6% 12.2%	(8.8) 0.8 (9.0) 0.9% -247.5% -364.8% -254.6% 11.2% -38.7% -48.2%	(338.0) 0.7 17.2 -0.1% 50.2% N.M. N.M. N.M. 10.4% 14.5% 0.6%	8.2 0.7 4.3 4.3% 77.1% 316.6% 7987.2% -4206.4% 31.8% 34.2% 25.8%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth Revenue EBITDA EBITDA EBIT Net profit, adj. Margins EBITDA margin EBITDA margin EBITDA margin EBITMARGIN ROF (%)	2.5 0.7 2.7 17.0% - - - 24.2% 23.1% 14.8% 92.1% 26.4%	13.2 0.7 9.2 1.1% -10.5% -31.7% -26.1% -79.6% 27.7% 17.6% 12.2% 21.0%	(8.8) 0.8 (9.0) 0.9% -32.8% -247.5% -364.8% -254.6% 11.2% -38.7% -48.2% -48.3% -9.0%	(338.0) 0.7 17.2 -0.1% 50.2% N.M. N.M. N.M. 10.4% 14.5% 0.6% -0.8%	8.2 0.7 4.3 4.3% 77.1% 316.6% 7987.2% -4206.4% 31.8% 34.2% 25.8% 19.5% 9.0%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth Revenue EBITDA EBITDA EBIT Net profit, adj. Margins EBITDA margin EBITDA margin EBIT margin Net profit margin Key Ratios	2.5 0.7 2.7 17.0% - - - 24.2% 23.1% 14.8% 92.1%	13.2 0.7 9.2 1.1% -10.5% -31.7% -26.1% -79.6% 27.7% 17.6% 12.2% 21.0%	(8.8) 0.8 (9.0) 0.9% -247.5% -364.8% -254.6% 11.2% -38.7% -48.2% -48.3%	(338.0) 0.7 17.2 -0.1% 50.2% N.M. N.M. N.M. 10.4% 14.5% 0.6% -0.8%	8.2 0.7 4.3 4.3% 77.1% 316.6% 7987.2% -4206.4% 31.8% 34.2% 25.8% 19.5%
Y/E Dec P/E (X) P/B (X) EV/EBITDA (X) Dividend Yield Growth & Margins Growth Revenue EBITDA EBITDA EBIT Net profit, adj. Margins EBITDA margin EBITDA margin EBITDA margin EBITDA margin Key Ratios ROE (%)	2.5 0.7 2.7 17.0% - - - 24.2% 23.1% 14.8% 92.1% 26.4%	13.2 0.7 9.2 1.1% -10.5% -31.7% -26.1% -79.6% 27.7% 17.6% 12.2% 21.0%	(8.8) 0.8 (9.0) 0.9% -32.8% -247.5% -364.8% -254.6% 11.2% -38.7% -48.2% -48.3% -9.0%	(338.0) 0.7 17.2 -0.1% 50.2% N.M. N.M. N.M. 10.4% 14.5% 0.6% -0.8%	8.2 0.7 4.3 4.3% 77.1% 316.6% 7987.2% -4206.4% 31.8% 34.2% 25.8% 19.5% 9.0%

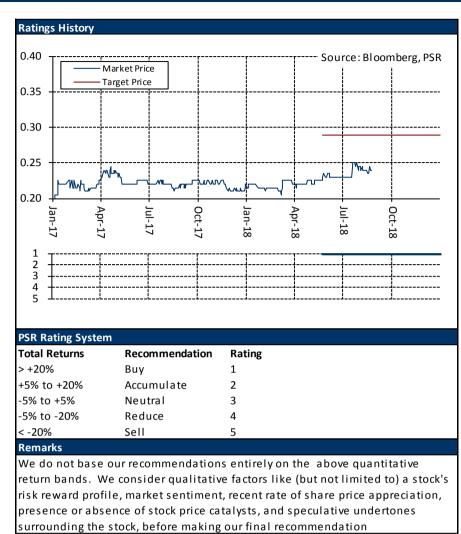
Net Cash Net Cash Net Cash Net Cash Net Cash

Source: Company, Phillip Securities Research (Singapore) Estimates

*Forward multiples & yields based on current market price; historical multiples & yields based on historical market price.







SHS Holdings Ltd RESULTS



Head of Research Paul Chew – paulchewkl@phillip.com.sg

Banking and Finance Tin Min Ying – <u>tinmy@phillip.com.sg</u>

Transport | REITs (Industrial) Richard Leow - <u>richardleowwt@phillip.com.sg</u>

REITs (Commercial, Retail, Healthcare) | Property Tara Wong - <u>tarawongsj@phillip.com.sg</u>

> SINGAPORE Phillip Securities Pte Ltd Raffles City Tower 250, North Bridge Road #06-00 Singapore 179101 Tel +65 6533 6001 Fax +65 6535 6631 Website: www.poems.com.sg

JAPAN Phillip Securities Japan, Ltd. 4-2 Nihonbashi Kabuto-cho Chuo-ku, Tokyo 103-0026 Tel +81-3 3666 2101 Fax +81-3 3666 6090 Website: www.phillip.co.jp

THAILAND Phillip Securities (Thailand) Public Co. Ltd 15th Floor, Vorawat Building, 849 Silom Road, Silom, Bangrak, Bangkok 10500 Thailand Tel +66-2 6351700 / 22680999 Fax +66-2 22680921 Website www.phillip.co.th

Phillip Capital Inc 141 W Jackson Blvd Ste 3050 The Chicago Board of Trade Building Chicago, IL 60604 USA Tel +1-312 356 9000 Fax +1-312 356 9005 Website: www.phillipusa.com

UNITED STATES

INDIA PhillipCapital (India) Private Limited No.1, 18th Floor, Urmi Estate 95, Ganpatrao Kadam Marg Lower Parel West, Mumbai 400-013 Maharashtra, India Tel: +91-22-2300 2999 / Fax: +91-22-2300 2969 Website: www.phillipcapital.in

CAMBODIA Phillip Bank Plc Ground Floor of B-Office Centre,#61-64, Norodom Blvd Corner Street 306,Sangkat Boeung Keng Kang 1, Khan Chamkamorn, Phnom Penh, Cambodia Tel: 855 (0) 7796 6151/855 (0) 1620 0769 Website: www.phillipbank.com.kh **Oil & Gas | Energy** Chen Guangzhi - <u>chengz@phillip.com.sg</u>

REITs (Commercial, Retail, Healthcare) | Property Dehong Tan - <u>tandh@phillip.com.sg</u>

US Equity Ho Kang Wei - <u>hokw@phillip.com.sg</u>

Contact Information (Regional Member Companies) MALAYSIA Phillip Capital Management Sdn Bhd B-3-6 Block B Level 3 Megan Avenue II, No. 12, Jalan Yap Kwan Seng, 50450 Kuala Lumpur Tel +603 2162 8841 Fax +603 2166 5099 Website: www.poems.com.my

> INDONESIA PT Phillip Securities Indonesia ANZ Tower Level 23B, JI Jend Sudirman Kav 33A Jakarta 10220 – Indonesia Tel +62-21 5790 0800 Fax +62-21 5790 0809 Website: www.phillip.co.id FRANCE

King & Shaxson Capital Limited 3rd Floor, 35 Rue de la Bienfaisance 75008 Paris France Tel +33-1 45633100 Fax +33-1 45636017 Website: www.kingandshaxson.com

AUSTRALIA Phillip Capital Limited Level 10, 330 Collins Street Melbourne, Victoria 3000, Australia Tel +61-03 8633 9803 Fax +61-03 8633 9899 Website: www.phillipcapital.com.au

TURKEY PhillipCapital Menkul Degerler Dr. Cemil Bengü Cad. Hak Is Merkezi No. 2 Kat. 6A Caglayan 34403 Istanbul, Turkey Tel: 0212 296 84 84 Fax: 0212 233 69 29 Website: www.phillipcapital.com.tr Marketing & Operations Mohamed Amiruddin - <u>amiruddin@phillip.com.sg</u>

Telco | Technology Alvin Chia - <u>alvinchiawy@phillip.com.sg</u>

Technical Analysis Jeremy Ng - jeremyngch@phillip.com.sg

China/HK Equity Zheng Jieyuan – <u>zhengjy@phillip.com.sg</u>

> HONG KONG Phillip Securities (HK) Ltd 11/F United Centre 95 Queensway Hong Kong Tel +852 2277 6600 Fax +852 2868 5307 Websites: www.phillip.com.hk

CHINA Phillip Financial Advisory (Shanghai) Co Ltd No 550 Yan An East Road, Ocean Tower Unit 2318, Postal code 200001 Tel +86-21 5169 9200 Fax +86-21 6351 2940 Website: www.phillip.com.cn

UNITED KINGDOM King & Shaxson Capital Limited 6th Floor, Candlewick House, 120 Cannon Street, London, EC4N 6AS Tel +44-20 7426 5950 Fax +44-20 7626 1757 Website: www.kingandshaxson.com

SRI LANKA Asha Phillip Securities Limited 2nd Floor, Lakshmans Building, No. 321, Galle Road, Colombo 03, Sri Lanka Tel: (94) 11 2429 100 Fax: (94) 11 2429 199 Website: www.ashaphillip.net

DUBAI Phillip Futures DMCC Member of the Dubai Gold and Commodities Exchange (DGCX) Unit No 601, Plot No 58, White Crown Bldg, Sheikh Zayed Road, P.O.Box 212291 Dubai-UAE Tel: +971-4-3325052 / Fax: + 971-4-3328895

Important Information

This report is prepared and/or distributed by Phillip Securities Research Pte Ltd ("Phillip Securities Research"), which is a holder of a financial adviser's licence under the Financial Advisers Act, Chapter 110 in Singapore.

By receiving or reading this report, you agree to be bound by the terms and limitations set out below. Any failure to comply with these terms and limitations may constitute a violation of law. This report has been provided to you for personal use only and shall not be reproduced, distributed or published by you in whole or in part, for any purpose. If you have received this report by mistake, please delete or destroy it, and notify the sender immediately.

The information and any analysis, forecasts, projections, expectations and opinions (collectively, the "Research") contained in this report has been obtained from public sources which Phillip Securities Research believes to be reliable. However, Phillip Securities Research does not make any representation or warranty, express or implied that such information or Research is accurate, complete or appropriate or should be relied upon as such. Any such information or Research contained in this report is subject to change, and Phillip Securities Research shall not have any responsibility to maintain or update the information or Research made available or to supply any corrections, updates or releases in connection therewith.

Any opinions, forecasts, assumptions, estimates, valuations and prices contained in this report are as of the date indicated and are subject to change at any time without prior notice. Past performance of any product referred to in this report is not indicative of future results.

This report does not constitute, and should not be used as a substitute for, tax, legal or investment advice. This report should not be relied upon exclusively or as authoritative, without further being subject to the recipient's own independent verification and exercise of judgment. The fact that this report has been made available constitutes neither a recommendation to enter into a particular transaction, nor a representation that any product described in this report is suitable or appropriate for the recipient. Recipients should be aware that many of the products, which may be described in this report involve significant risks and may not be suitable for all investors, and that any decision to enter into transactions involving such products should not be made, unless all such risks are understood and an independent determination has been made that such transactions would be appropriate. Any discussion of the risks contained herein with respect to any product should not be considered to be a disclosure of all risks or a complete discussion of such risks.

Nothing in this report shall be construed to be an offer or solicitation for the purchase or sale of any product. Any decision to purchase any product mentioned in this report should take into account existing public information, including any registered prospectus in respect of such product.

Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may provide an array of financial services to a large number of corporations in Singapore and worldwide, including but not limited to commercial / investment banking activities (including sponsorship, financial advisory or underwriting activities), brokerage or securities trading activities. Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may have participated in or invested in transactions with the issuer(s) of the securities mentioned in this report, and may have performed services for or solicited business from such issuers. Additionally, Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may have provided advice or investment services to such companies and investments or related investments, as may be mentioned in this report.

Phillip Securities Research or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report may, from time to time maintain a long or short position in securities referred to herein, or in related futures or options, purchase or sell, make a market in, or engage in any other transaction involving such securities, and earn brokerage or other compensation in respect of the foregoing. Investments will be denominated in various currencies including US dollars and Euro and thus will be subject to any fluctuation in exchange rates between US dollars and Euro or foreign currencies and the currency of your own jurisdiction. Such fluctuations may have an adverse effect on the value, price or income return of the investment.

To the extent permitted by law, Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may at any time engage in any of the above activities as set out above or otherwise hold an interest, whether material or not, in respect of companies and investments or related investments, which may be mentioned in this report. Accordingly, information may be available to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, which is not reflected in this report, and Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may, to the extent permitted by law, have acted upon or used the information prior to or immediately following its publication. Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited its officers, directors, employees or persons involved in the issuance of this report, may have issued other material that is inconsistent with, or reach different conclusions from, the contents of this report.

The information, tools and material presented herein are not directed, intended for distribution to or use by, any person or entity in any jurisdiction or country where such distribution, publication, availability or use would be contrary to the applicable law or regulation or which would subject Phillip Securities Research to any registration or licensing or other requirement, or penalty for contravention of such requirements within such jurisdiction.

This report is intended for general circulation only and does not take into account the specific investment objectives, financial situation or particular needs of any particular person. The products mentioned in this report may not be suitable for all investors and a person receiving or reading this report should seek advice from a professional and financial adviser regarding the legal, business, financial, tax and other aspects including the suitability of such products, taking into account the specific investment objectives, financial situation or particular needs of that person, before making a commitment to invest in any of such products.

This report is not intended for distribution, publication to or use by any person in any jurisdiction outside of Singapore or any other jurisdiction as Phillip Securities Research may determine in its absolute discretion.

IMPORTANT DISCLOSURES FOR INCLUDED RESEARCH ANALYSES OR REPORTS OF FOREIGN RESEARCH HOUSES

Where the report contains research analyses or reports from a foreign research house, please note:

- (i) recipients of the analyses or reports are to contact Phillip Securities Research (and not the relevant foreign research house) in Singapore at 250 North Bridge Road, #06-00 Raffles City Tower, Singapore 179101, telephone number +65 6533 6001, in respect of any matters arising from, or in connection with, the analyses or reports; and
- (ii) to the extent that the analyses or reports are delivered to and intended to be received by any person in Singapore who is not an accredited investor, expert investor or institutional investor, Phillip Securities Research accepts legal responsibility for the contents of the analyses or reports.