

# **Acromec Limited**

# Home-grown engineering services provider making strides

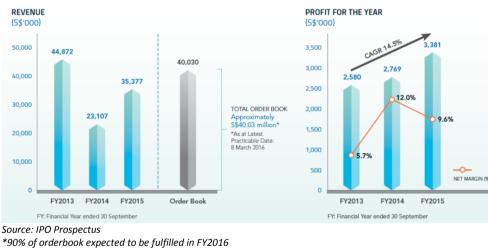
# SINGAPORE | ENGINEERING | IPO NOTE

- Home grown engineering services provider with a good track record and portfolio of renowned clients in the healthcare, biomedical, research and electronics sector.
- Focus of company to be on healthcare and biomedical/research sectors locally, sectors where the government has committed substantial funds to develop.
- Acromec has zero debt, stable margins, positive operating cash flows, and a high return on equity (42.2% in FY15). Post-IPO, Acromec trades at a historical P/E of 9.45x, lower than the industry average of 18.9x. Subscribe.

### **Investment Summary:**

Founded in 1996, Acromec Limited designs and builds controlled environments for use in various industries. The facilities Acromec builds can be segregated into three main types: Laboratories, Medical and Sterile Facilities, and Cleanrooms. Over the years, the company has grown from a sub-contractor to a total solutions provider in the field of controlled environments, establishing a credible track record over 2 decades since founding. Serving mainly the healthcare, biomedical, research and academia, and electronics sectors, customers include SGH, NUH, CGH, A\*Star, P&G, and John Matthey Singapore.

## **Financial Highlights:**



# 13 April 2016

# Subscribe

IPO PRICE	SGD 0.220
FORECAST DIV	N/A
TARGET PRICE	N/A
TOTAL RETURN	N/A
IPO STATISTICS	
Total New Share issue	27,000,000
-Placement tranche	25,500,000
-Public tranche	1,500,000
Listing Status	Catalist
Closing date (public)	14/12/2016 12pm
Trading date	18/4/2016 9am
Lead Manager	SAC CAPITAL

#### **MAJOR SHAREHOLDERS (%)**

INGENIEUR HOLDINGS	55.1%
LIM SAY CHIN	7.5%
CHEW CHEE KEONG	7.5%
GOICHEWLENG	7.5%

KEY FINANCIALS				
SGD M N	F Y 13	FY 14	F Y 15	
Revenue	44.9	23.1	35.4	
Gross Profit	7.8	5.8	7.5	
PBT	2.9	3.2	4	
NPAT	2.6	2.8	3.4	
EPS (cents, Basic/diluted)	2.77	2.97	3.63	
PE	7.9	7.4	6.1	
BVPS (cents)	4.2	5.2	6.7	
P/B	5.3	4.2	3.3	
Dividend 20% Payout for FY16 and FY17				

(+65 62121849)

Source: IPO Prospectus

tandh@phillip.com.sg

Dehong Tan

# Boor comparison:

Peer companson.						
NAME	COUNTRY	GROSS MARGIN RE	TURN ON EQUITY	DEBT/ASSETS	PE	PB
ACROMEC	SG	21.1	42.2	0.00	9.45	2.47
DAI-DAN CO LTD	JPN	12.0	7.7	5.26	7.83	0.57
TAKASAGO THERMAL ENGINEERING	JPN	11.4	6.5	3.64	15.06	0.94
TAIKISHA LTD	JPN	14.8	7.5	5.58	13.38	0.97
DRAEGERWERK AG	GERMANY	44.9	3.6	14.78	28.56	0.98
L&K ENGINEERING CO LTD	TAIWAN	6.6	4.0	18.81	29.69	0.82
Industry Average		17.94	5.86	9.61	18.90	0.86

Source: Bloomberg, Phillip Securities Research (Singapore) (PSR)

PhillipCapital

#### **COMPANY BACKGROUND AND HISTORY**

#### **Business Segments:**

#### **Engineering, Procurement and Construction (EPC)**

Acromec provides EPC services, specialising in architectural and mechanical, electrical and process (MEP) works within controlled environments. The EPC segment has made up bulk (>94%) of Acromec's revenue historically. The facilities Acromec build are segregated into three main kinds: Laboratories, Medical and Sterile Facilities, and Cleanrooms.



#### LABORATORIES

Environmental parameters in these facilities are controlled for scientific or technological research, experiments or measurements to be performed.

#### Types of Laboratories

- Forensic and diagnostic laboratories;
  Containment laboratories for biomedical research, including the more sophisticated and challenging BSL3 laboratories, which are high containment laboratories that allow work to be done with indigenous or exotic agents which may cause serious or potentially lethal disease such as severe acute respiratory syndrome, avian flu and tuberculosis; and
- Laboratories for research in chemicals and materials, clean technology, electronics and pharmaceutical products.

#### Track Record

 Built laboratories for facility owners such as P&G, Singapore General Hospital, National University of Singapore and Johnson Matthey Singapore Private Limited.



#### MEDICAL AND STERILE FACILITIES

Environmental parameters in these facilities are controlled to provide clean environments to reduce risk of infection to patients and/or contain infectious diseases.

# Types of Medical and Sterile Facilities

- Operating theatres;
  Theatre sterile services units:
- Intensive care units;
- Isolation wards: and
- Fertility centres.

#### ,

#### Track Record

 Built medical and sterile facilities for hospitals and medical centres such as National University Hospital, Singapore General Hospital, Tan Tock Seng Hospital, Changi General Hospital, Virtus Fertility Centre and Aptus Surgery Centre.

#### CLEANROOMS

Enclosed space in which airborne particulates, contaminants and pollutants are kept within strict limits. Cleanrooms are typically used in manufacturing and scientific research.

#### Types of Cleanrooms

Cleanrooms of various sizes and specifications, which comply with Class 1 or ISO 3 to Class 100,000 or ISO 8 standards.

Track Record

Built cleanrooms for customers such as STATS ChipPAC Ltd., A\*Star and ASE Singapore Pte Ltd.

Source: IPO Prospectus

#### Maintenance

The Maintenance segment commands a higher gross profit margin (GPM) than the EPC segment (25.4% vs 20.9% for the EPC segment in FY2015). The Maintenance segment contributed 5.4% of total revenue in F15. Management is keen to grow the contribution to 20% of total revenue, in view of its better GPM and recurring nature. Maintenance contracts are customisable and extend from between 1 to 7 years. The value of a maintenance contract depends on the complexity of the facility. The per annum maintenance revenue could be up to 10% of facility cost for highly specialised facilities. Currently, bulk of the Maintenance revenue is derived from facilities that were built by the Group. Management's main strategy to grow the Maintenance segment revenue is to continue securing maintenance contracts for facilities that were built by them.



# **Good Track Record:**

Acromec has grown from a sub-contractor to a total solutions provider in the field of controlled environments, establishing a credible track record over 2 decades since founding. Serving mainly the healthcare, biomedical, research and academia, and electronics sectors, customers include SGH, NUH, CGH, A\*Star, P&G, and John Matthey Singapore.

#### **Past and Existing Projects**

NATIONAL UNIVERSITY HOSPITAL Fitting-out works encompassing architectural and structural works, MEP works and supply of equipment for operating theatres and theatre sterile services unit at the NUH Medical Centre	SINGAPORE GENERAL HOSPITAL Fitting-out of a BSL3 laboratory, encompassing architectural and structural works, MEP works and supply of laboratory equipment at the Academia building	NATIONAL UNIVERSITY OF SINGAPORE Fitting-out works for BSL3 laboratory, encompassing architectural works, MEP works, and supply of laboratory equipment at the Yong Loo Lin School of Medicine	SINGAPORE GENERAL HOSPITAL Fitting-out of new operating theatres and supporting areas, encompassing architectural works, MEP works and supply of laboratory equipment at the National Heart Centre	CHANGI GENERAL HOSPITAL Interior fit-out of new surgical procedure rooms and support areas, encompassing architectural works and MEP works at Changi General Hospital	A*STAR Fitting-out of Class 1, Class 10 and Class 100 cleanrooms, encompassing architectural and structural works and MEP works at the Synthesis building at Fusionopolis	BIOTRONIK APM PTE LTD Fitting-out of ISO 7 specialist medical device assembly clearroom facility, encompassing architectural and MEP works at Techview
SEP 2011 - JUL 2013	JUL 2012 - MAY 2013	AUG 2013 - FEB 2014	DEC 2014 - FEB 2016	JUL 2015 - MAR 2016	AUG 2015 - DEC 2015'	FEB 2016 - JUN 2016
JUN 2012 - APR 2014 STATS CHIPPAC LTD. Fitting-out of a testing and assembly plant comprising Class 1000 cleanrooms and plant facilities, encompassing architectural works, and MEP works	JUL 2012 - OCT 2014 P&G Design, supply and installation of laboratory furniture and construction of laboratories at P&G Singapore Innovation Center	n supply and installation of laboratory furniture at	APR 2015 - SEP 2015 IOHNSON MAT PIXATE LIMIT Fitting-out of a chemical labora architectural an structural works works and supp laboratory equi at CleanTech Pa	ED DEVEL ED BOAR tory, encom archite d works, , MEP equipn ly of fabrica pment theatre rk sterile for the depart	016 NG & OPMENT ) out works, passing ctural and MEP and supply of and supply of eent for pre- ted operating	OCT 2015 FEB 2016 APTUS SURGERY CENTRE PTE LTD Fitting-out works, encompassing architectural and MEP works, and supply of equipment for the new surgery centre at Paragon Medical

Source: IPO Prospectus

# **USE OF PROCEEDS**

Management guided that current projects of Acromec tend to be smaller ones (biggest contract won was S\$20mn) with quick turnaround time. The entire process from tendering of project to handover/completion can take 9 months on average. Management has earmarked bulk of the IPO proceeds as working capital to bid for more and larger projects.

Use of net proceeds (After deducting expenses)	Estimated Amount (S\$mn)
Working Capital to expand business operations through securing more/larger scale projects	3.5
Expansion through acquisitions/Venturing into new geographical markets	1.0
Net Proceeds	4.5
Total Listing Expenses	1.4
Gross Proceeds	5.9
Source: IPO Prospectus, PSR	

# SHAREHOLDING STRUCTURE

The three founders/key management team (Mr Lim Say Chin, Desmond Chew, Lingo Goi) will collectively own 77.6% (from 100%) of enlarged share capital after IPO. In demonstration of their commitment to the Group, the trio has agreed to a lock up period of 6 months for 100% of their interests and a further 6 months thereafter, for 50% of their interests, from the date of listing.

The other 22.4% consists of 27m new shares which will be offered at S\$0.22 each (25.5m placement shares and 1.5m public offer)

PhillipCapital

# VALUATION

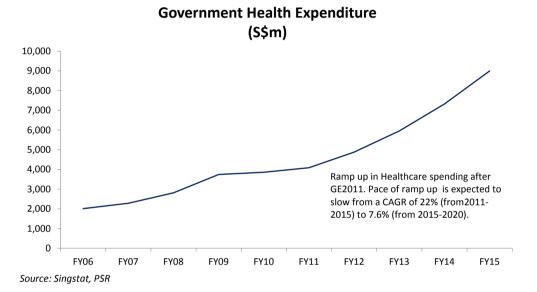
Acromec has entered into a service agreement with the 3 founders which effectively raises their annual remuneration from BAND A (\$0-\$250k) to BAND B (\$250k-\$500k) from FY2016, including an incentive bonus which is pegged to the profit before tax of the company. We think this new band is not out of industry norm.

Assuming the service agreement was in place in FY2015, at the offering price of \$0.22, Acromec will be trading at a post-IPO historical P/E of 9.45x.

# **PROSPECTS AND OPPORTUNITIES**

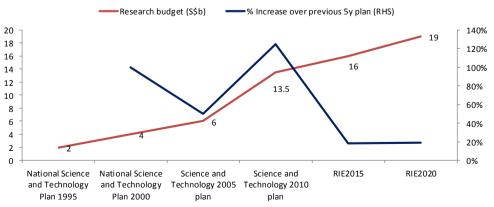
#### Singapore – Healthcare

 Increasing demand for healthcare infrastructure and government healthcare spending. Redevelopment plans for SGH, the planned 4 new acute hospitals in Singapore to open beyond 2020, the opening of the Centre for Oral Health in NUH in 2019, and the new wing at the National Skin Centre could represent opportunities for Acromec.



# Singapore – Biomedical and Research and Academia

 Increased government and private sector investments in research activities to provide opportunities for Acromec. The Singapore government announced in January 2016 that it has set aside S\$19bn over 2016-2020 for its Research, Innovation and Enterprise (RIE) 2020 plan. This allocation is an 18% increase over the \$16.1bn allocated from 2011 to 2015. An A\*Star survey also noted private sector R&D spending hit an all-time high of \$\$5.2bn in 2014, up 16% from 2013.



#### Government expenditure on Research and Innovation

Source: National Research Foundation (PMO), PSR

P PhillipCapital

#### ASEAN – Healthcare

 Many ASEAN countries are building and upgrading their healthcare infrastructure. Management has earmarked Myanmar as a country where they are looking to expand and offer their MEP engineering solutions in the healthcare sector.

#### **ASEAN – Electronics**

Growing electronics manufacturing activities in Vietnam could provide opportunities. Vietnam's electronics industry makes up 23.4% of GDP in 2014 (from 5.2% in 2010). With Acromec's expertise in cleanroom design and construction for the electronics sector, management has targeted this segment as a potential market for the Group to venture into.

# **KEY RISKS**

**Changes in Singapore government policies relating to the sectors Acromec serves.** The Group is affected by Singapore government's policies and budgets relating to the healthcare, biomedical, research and academia sectors, including its expenditure on public infrastructure, as well as its efforts in attracting investments in the healthcare, biomedical, research and academia sectors.

Acromec's revenue is dependent on the capital expenditure of their customers. Any slowdown in the growth and development of the healthcare, biomedical, research and academia, and electronics sectors could result in a reduction in the capital expenditure budgets of Acromec's customers and a lesser number of projects available for tender.

**Lack of recurring revenue base.** Acromec's business is generally project-based and they face the risk of any delay or premature termination of secured projects and/or they may not be able to secure new projects.

Acromec is vulnerable to the availability and costs of employing foreign personnel. As at 30 September 2015, approximately 60.7% of Acromec's personnel were foreigners. Any changes in the labour policies in Singapore and in other countries where they operate, or the foreign personnel's countries of origin may affect the supply of foreign labour and cause disruptions to their business operations.

#### What do we think?

**Good Track Record with favourable prospects.** Acromec operates in an industry with high barriers of entry where there are strict requirements on safety standards. With a good track record and portfolio of renowned clients, Acromec is in a good position to benefit from Singapore's push towards better healthcare infrastructure and increased investment in R&D initiatives. This reputation and track record will also facilitate Acromec's venture overseas.

**Maintenance contracts are a means to maintaining relationships with existing clients.** While maintenance contracts make up only 5.4% of Acromec's revenue, management intends to grow this business segment. Management guided that there have been requests from existing clients to help maintain the facilities Acromec constructed. While also an avenue to grow recurring revenue, we think an equally important factor is the ability to maintain relationships with existing clients which could potentially bring in future main EPC projects.

**Management nimbleness in running business.** From originally serving the electronics sector when the company first started, the management team has been nimble and resourceful to leverage on their expertise in the controlled environment space to venture out into the biomedical/research and the healthcare sectors in 2002 and 2011 respectively. The company's progression from sub-contractor to main contractor along the way is also testament to the quality of work provided.

**Execution risks exist with little visibility as contracts are short term, for now.** Acromec's biggest contract won so far is a c.S\$20m contract. As the contracts currently are mostly short term with a tender-to-completion duration averaging 9 months, 90% of the



company's current order book are expected to be recognised in FY2016, with little stretching beyond. We are optimistic though of management's ability to leverage on their track record and capitalize on the favourable trends in the healthcare and R&D scene locally.

**IPO price at a discount to peers.** With zero debt, stable margins, positive operating cash flows, and a high return on equity, Acromec trades at a post-IPO historical P/E of 9.45x, lower than the industry average of 18.9x.

# **Investment Actions**

Application for IPO shares closes at Thursday 14 April 12pm and trading commences 18 April 9am.

# ACROMEC LIMITED IPO NOTE



# Management

Jacky Lee Chee Waiy (CEO & Head, Research) jackyleecw@phillip.com.sg

Consumer | Healthcare Soh Lin Sin - <u>sohls@phillip.com.sg</u>

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

Banking and Finance Jeremy Teong - jeremyteongfh@phillip.com.sg

# 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 <u>www.phillip.co.th</u>

# UNITED STATES

Phillip Futures 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

#### 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: <u>www.phillipbank.com.kh</u> Contact Information (Singapore Research Team)

Infrastructure | REITs (Hospitality) Peter Ng - peterngmc@phillip.com.sg

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

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 238, 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 12, 15 William Street, Melbourne, Victoria 3000, Australia Tel +61-03 9629 8288 Fax +61-03 9629 8882 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 Research Operations Officer Mohamed Ghazali - ghazali@phillip.com.sg

**Macro** Pei Sai Teng - <u>peist@phillip.com.sg</u>

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

Oil & Gas | Energy Chen Guangzhi – <u>chengz@phillip.com.sg</u>

> Phillip Securities (HK) Ltd 11/F United Centre 95 Queensway Hong Kong Tel +852 2277 6600 Fax +852 2868 5307

HONG KONG

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 2<sup>nd</sup> 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, 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, 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, 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, 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.