China Aircraft Leasing Group 1848 HK

Target (HKD): **14.00 → 9.80**

Upside: **1.6%**

19 Jun price (HKD): 9.65

Negative on management change, wait for rerating catalyst

Kelvin Lau (852) 2848 4467 kelvin.lau@hk.daiwacm.com

- We see the recent change in CEO as negative for the stock
- But, CALC says its business outlook remains intact
- Downgrade to Hold (3); lower 12-month TP to HKD9.80 due to weak market sentiment

What's new

China Aircraft Leasing Group (CALC) held a conference on 19 June to provide details on the alleged bribery investigation related to Mr. Mike Poon (CEO and Executive **Director**) and China Southern Airlines (1055 HK, HKD8.68, Hold [3]). CALC also announced that Mr. Mike Poon resigned and would be replaced as CEO by Mr. Chen Shuang, the Chairman and a Nonexecutive Director. CFO Dr. TT Yu also resigned and was replaced by Mr. Barry Mok. We consider the resignation of the CEO to be a shortterm negative, while we are neutral on the change in CFO.

What's the impact

We are negative about Mr. Poon's resignation and his absence during the call. Additionally, the board was unable to reach him before the announcement. We believe this may imply that he is being investigated.

For the CFO change, we believe it is more a personal issue, unrelated to the CEO change, and think that CALC preferred to announce all its bad news at one time. CALC is now looking for a new CEO to replace Mr. Chen.

CALC reiterated that its business outlook remains intact for 2015-16. It confirmed that its ongoing negotiations with airlines, financing facilities, leasing contracts have not been affected by the issue. Its leasing target remains at 70 aircraft by end-2015 and 100 by end-2016.

CALC also said that China Everbright (CE) and Friedmann Pacific Asset Management (owned by Mr. Poon) do not have any plans to reduce their holdings in CALC. Additionally, the new CEO Mr. Chen said CE considered aircraft leasing as one of its major businesses and does not rule out a possible increase of its stake in CALC. We believe it would be positive for CALC if CE or another SOE were to own a higher stake, as we believe corporate governance issues would have a lower impact on operations than private enterprise.

What we recommend

While we leave our earnings forecasts for 2015-17 unchanged, we downgrade CALC to Hold (3) from Buy (1) as we revise down our DCFbased 12-month target price to HKD9.80, which is now based on a 30% discount to our DCF valuation (previously no discount). We believe a 30% discount is appropriate as we reference some small/mid-cap non-SOE companies which have had corporate governance issues in the past (see table On pg. 2).

We think market sentiment in the near term should be negative on the

- BuyOutperform
- **3** Hold (from Buy)
- Sell

stock, but we expect CALC's business model to remain attractive in the long term. A potential rerating catalyst for the stock would be SOEs buying shares from Mr. Poon, but we expect this to take time to realise. Key risks to our call are lower-thanexpected demand for aircraft in China and a possible need for equity financing.

How we differ

We are 1 of the 4 firms on the street that cover the stock. We are still more optimistic than the street on CALC's 2015-16 earnings outlook.

Forecast revisions (%)

Year to 31 Dec	15E	16E	17E
Revenue change	-	-	-
Net profit change	-	-	-
Core EPS (FD) change	-	-	-

Source: Daiwa forecasts

Share price performance



12-month range	5.02-14.78
Market cap (USDbn)	0.73
3m avg daily turnover (USDm)	5.98
Shares outstanding (m)	586
Major shareholder	CE Aerospace (36.7%)

Financial summary (HKD)

Year to 31 Dec	15E	16E	17E
Revenue (m)	1,994	2,847	4,574
Operating profit (m)	1,515	2,049	2,552
Net profit (m)	523	643	805
Core EPS (fully-diluted)	0.750	0.877	1.097
EPS change (%)	21.1	16.9	25.1
Daiwa vs Cons. EPS (%)	15.5	7.2	n.a.
PER (x)	12.9	11.0	8.8
Dividend yield (%)	2.9	3.5	4.4
DPS	0.276	0.340	0.426
PBR (x)	2.6	2.1	1.7
EV/EBITDA (x)	14.5	11.9	9.9
ROE (%)	26.5	26.5	27.1

Source: FactSet, Daiwa forecasts

Selected Corporate Governance issues of H-share listed China companies

				Share price performance			
Company	Bloomberg code	Date	Event	First day performance after the news released	1Year performance	Since-the-event	
China South City	1668 HK	Jan-15	Mr. Cheng Chung Hing, the Co-chairman and Executive Director of CSC, was on a list circulated on internet of Shenzhen property developers who may be subjected to investigation. The company denied the rumour and no management member was charged.	-14%	N.A.	-24%	
Hydoo International	1396 HK	Jul-14	The company announced it was not able to contact Mr. Wong Choihing, the Chairman and Executive Director of the company. The board finally removed Mr. Wong from his positions and replaced him.	-34%	N.A.	-41%	
Kaisa Group	1638 HK	Oct-14	In October, Mr. Kwok Ying Shing, Chairman and an Executive Director of the company, was reported being detained or unreachable. The company denied the rumour. 2 months later, the company announced that 4 of its projects in Shenzhen were blocked from sale by the Urban Planning Land and Resources Commission of Shenzhen Municipality.	-6%	N.A.	-45%	
Beijing Capital Intl Airport	694 HK	Jun-07	Li Peiying, former Chairman and General Manager of Capital Airports Holding Company (Parent company of BCIA) was "Shuanggui" in mid-2007. He was convicted of bribery and executed in 2009.	1%	-6%	2%	
China Southern Airlines	1055 HK	Jan-15	The company announced Mr. Xu Jie Bo (Executive Director, CFO) and Mr. Zhou Yue Hai(Executive Vice-President) were both removed from the company due to the suspicion of job-related crimes.	4%	N.A.	123%	
Sinotrans	598 HK	Nov-14	Media reported Sinotrans & CSC Holdings' Guangxi and Liuzhou subsidiary (sister company of Sinotrans) were likely in relation to irregularities in the custodian warehousing operations and related collateral management services. Sinotrans denied the issue has any relation toits operations.	-13%	N.A.	-14%	
China Gas	384 HK	Dec-10	Mr. Liu Ming Hui (Managing and Executive Director) and Mr. Huang Yong (Executive President) were escorted away by officials from the Shenzhen Municipal Public Security Bureau. Mr. Liu was released after one year and resumed as Managing Director and President of the company.	-15%	7%	388%	

Source: companies, various media outlets

CALC: Management Profile CEO Resigned Mr. Poon Ho Man Mr. Poon, founder of CALC, was responsible for formulating and reviewing the Group's strategic planning and managing overall business operations. He has more than 7 years of experience in the aircraft leasing industry in China. New Mr. Chen Shuang Mr. Chen has held the position of Chairman and Non-Executive Director of CALC since Aug 2013. He is mainly responsible for reviewing CALC's overall strategic planning and business development. He will now be appointed as CEO and re-designated as an Executive Director. Mr. Chen is also a Director at China Everbright Limited. CFO Resigned Dr. Yu Tai Tei Mr. Yu joined CALC in June 2013. He has more than 29 years' experience in the areas of finance, business control, auditing and tax. He had an important role during CALC's IPO launch and convertible bond issuance. New Mr. Mok Chung Tat, Barry Mr. Mok has over 20 years of experience in the banking and finance industry. He has extensive knowledge about the debt and capital markets. He also specialises in structured finance, syndicated loans and corporate bond transactions.

Source: company

Financial summary

Year to 31 Dec	2010	2011	2012	2013	2014	2015E	2016E	2017
Total fleet size (no.)	0	10	16	25	44	70	100	13
No. of realization transaction (no.)	n.a.	n.a.	n.a.	1	4	8	14	1
Ad hoc orders (no.)	0.0	10.0	6.0	8.0	8.0	6.0	10.0	12.
Profit and loss (HKDm)								
Year to 31 Dec	2010	2011	2012	2013	2014	2015E	2016E	2017
Finance lease income	n.a.	223	364	478	775	1,075	1,183	1,22
Operting lease income	n.a.	0	84	145	218	578	1,156	1,84
Other Revenue	n.a.	0	0	64	152	341	508	1,49
Total Revenue	0	223	448	687	1,145	1,994	2,847	4,57
Other income	0	0	0	0	0	0	0	
COGS	0	(24)	(39)	(90)	(200)	(279)	(399)	(1,089
SG&A	0	0	0	0	0	0	0	(280
Other op.expenses	0	(0)	(31)	(54)	(71)	(200)	(400)	(65)
Operating profit	0	199	377	542	874	1,515	2,049	2,55
Net-interest inc./(exp.)	0	(124)	(250)	(330)	(521)	(857)	(1,239)	(1,539
Assoc/forex/extraord./others	0	3	1	(2)	27	0	0	
Pre-tax profit	0	78	128	210	381	657	809	1,01
Tax	0	(27)	(33)	(37)	(78)	(135)	(166)	(208
Min. int./pref. div./others	0	0	0	0	0	(0)	(0)	((
Net profit (reported)	0	51	95	173	303	523	643	80
Net profit (adjusted)	0	51	95	183	344	523	643	80
EPS (reported)(HKD)	n.a.	0.153	0.253	0.376	0.577	0.892	1.098	1.37
EPS (adjusted)(HKD)	n.a.	0.153	0.253	0.400	0.655	0.892	1.098	1.37
EPS (adjusted fully-diluted)(HKD)	n.a.	0.153	0.253	0.400	0.619	0.750	0.877	1.09
DPS (HKD)	0.000	0.165	0.051	0.115	0.160	0.276	0.340	0.42
EBIT	0	199	377	542	874	1,515	2,049	2,55
EBITDA	0	199	408	596	945	1,715	2,449	3,20
Cash flow (HKDm)								
Year to 31 Dec	2010	2011	2012	2013	2014	2015E	2016E	2017
Profit before tax	0	78	128	210	381	657	809	1,01
Depreciation and amortisation	0	0	31	54	71	200	400	65
Tax paid	0	(27)	(33)	(37)	(78)	(135)	(166)	(20
Change in working capital	0	177	(35)	1,103	3,025	3,027	5,199	5,49
Other operational CF items	0	121	252	328	519	857	1,239	1,53
Cash flow from operations	0	349	343	1,658	3,919	4,607	7,482	8,48
Capex	0	(584)	(3,678)	(5,601)	(8,230)	(11,076)	(12,480)	(11,23
Net (acquisitions)/disposals	0	(2)	0	0	0	0	0	
Other investing CF items	0	0	0	1	1	0	0	
Cash flow from investing	0	(586)	(3,678)	(5,600)	(8,229)	(11,076)	(12,480)	(11,23
Change in debt	0	436	3,230	5.504	4,458	8,482	6.798	5,47
Net share issues/(repurchases)	0	0	390	89	621	0,102	0	-,
Dividends paid	0	0	0	(53)	(69)	(94)	(162)	(19
Other financing CF items	0	(127)	(302)	(306)	(631)	(857)	(1,239)	(1,53
Cash flow from financing	0	309	3,318	5,234	4,378	7,531	5,397	3,73
Forex effect/others	0	0	0	0	4,570	0	0	5,10
Change in cash	0	72	(16)	1,292	68	1,062	399	99

Source: FactSet, Daiwa forecasts

Financial summary continued ...

Balance sheet (HKDm)

As at 31 Dec	2010	2011	2012	2013	2014	2015E	2016E	2017E
Cash & short-term investment	0	90	73	1,367	1,426	2,488	2,887	3,881
Inventory	0	0	0	0	0	0	0	0
Accounts receivable	0	106	808	2,183	3,503	3,531	3,137	2,505
Other current assets	0	8	79	116	234	346	394	491
Total current assets	0	203	960	3,667	5,163	6,365	6,418	6,877
Fixed assets	0	1	1,541	1,487	1,707	5,563	10,622	14,181
Goodwill & intangibles	0	0	0	0	0	0	0	0
Other non-current assets	0	3,136	4,388	7,679	11,443	13,549	13,971	14,602
Total assets	0	3,340	6,889	12,833	18,313	25,477	31,011	35,661
Short-term debt	0	370	374	2,821	4,690	5,977	6,398	6,819
Accounts payable	0	0	0	0	0	0	0	0
Other current liabilities	0	238	87	249	447	778	1,112	1,786
Total current liabilities	0	609	461	3,070	5,137	6,755	7,510	8,605
Long-term debt	0	2,486	5,713	8,615	10,653	15,770	20,067	23,016
Other non-current liabilities	0	10	20	189	743	743	743	743
Total liabilities	0	3,105	6,195	11,875	16,532	23,268	28,320	32,364
Share capital	0	235	619	743	1,332	1,332	1,332	1,332
Reserves/R.E./others	0	0	76	195	429	858	1,340	1,946
Shareholders' equity	0	235	695	939	1,761	2,190	2,672	3,278
Minority interests	0	0	0	20	19	19	19	20
Total equity & liabilities	0	3,340	6,889	12,833	18,313	25,477	31,011	35,661
EV	5,653	8,420	11,666	15,741	19,589	24,931	29,251	31,626
Net debt/(cash)	0	2,767	6,014	10,069	13,917	19,259	23,579	25,954
BVPS (HKD)	n.a.	0.699	1.846	2.045	3.007	3.739	4.561	5.596
Key ratios (%)								
Year to 31 Dec	2010	2011	2012	2013	2014	2015E	2016E	2017E
Sales (YoY)	n.a.	n.a.	100.6	53.4	66.7	74.1	42.8	60.6
EBITDA (YoY)	n.a.	n.a.	105.0	46.0	58.4	81.4	42.8	30.9
Operating profit (YoY)	n.a.	n.a.	89.5	43.7	61.1	73.3	35.3	24.6
Net profit (YoY)	na	na	84.8	92.8	87.5	52.0	23.1	25.1

Sales (101)	II.d.	II.d.	100.0	05.4	00.7	74.1	42.0	00.0
EBITDA (YoY)	n.a.	n.a.	105.0	46.0	58.4	81.4	42.8	30.9
Operating profit (YoY)	n.a.	n.a.	89.5	43.7	61.1	73.3	35.3	24.6
Net profit (YoY)	n.a.	n.a.	84.8	92.8	87.5	52.0	23.1	25.1
Core EPS (fully-diluted) (YoY)	n.a.	n.a.	64.8	58.1	54.9	21.1	16.9	25.1
Gross-profit margin	n.a.	89.3	91.2	86.8	82.5	86.0	86.0	76.2
EBITDA margin	n.a.	89.3	91.2	86.8	82.5	86.0	86.0	70.1
Operating-profit margin	n.a.	89.2	84.3	79.0	76.3	76.0	71.9	55.8
Net profit margin	n.a.	23.1	21.2	26.7	30.0	26.2	22.6	17.6
ROAE	n.a.	43.9	20.5	22.5	25.5	26.5	26.5	27.1
ROAA	n.a.	3.1	1.9	1.9	2.2	2.4	2.3	2.4
ROCE	n.a.	12.9	7.6	5.7	5.9	7.4	7.7	8.2
ROIC	n.a.	8.7	5.8	5.0	5.2	6.5	6.8	7.3
Net debt to equity	n.a.	1,179.1	865.6	1,072.8	790.2	879.3	882.5	791.8
Effective tax rate	n.a.	34.3	25.9	17.8	20.5	20.5	20.5	20.5
Accounts receivable (days)	n.a.	86.4	372.3	794.7	906.4	643.9	427.4	225.1
Current ratio (x)	n.a.	0.3	2.1	1.2	1.0	0.9	0.9	0.8
Net interest cover (x)	n.a.	1.6	1.5	1.6	1.7	1.8	1.7	1.7
Net dividend payout	n.a.	107.6	20.2	30.7	27.7	31.0	31.0	31.0
Free cash flow yield	0.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Source: FactSet, Daiwa forecasts

Company profile

China Aircraft Leasing Group (CALC) is the largest independent aircraft lessor in China, managing a fleet of 44 aircraft as at the end of 2014. CALC was listed in Hong Kong on 11 July 2014.

Disclaimer

This publication is produced by Daiwa Securities Group Inc. and/or its non-U.S. affiliates, and distributed by Daiwa Securities Group Inc. and/or its non-U.S. affiliates, except to the extent expressly provided herein. This publication and the contents hereof are intended for information purposes only, and may be subject to change without further notice. Any use, disclosure, distribution, dissemination, copying, printing or reliance on this publication for any other purpose without our prior consent or approval is strictly prohibited. Neither Daiwa Securities Group Inc. nor any of its respective parent, holding, subsidiaries or affiliates, nor any of its respective directors, officers, servants and employees, represent nor warrant the accuracy or completeness of the information contained herein or as to the existence of other facts which might be significant, and will not accept any responsibility or liability whatsoever for any use of or reliance upon this publication or any of the contents hereof. Neither this publication, nor any content hereof, constitute, or are to be construed as, an offer or solicitation of an offer to buy or sell any of the securities or investments mentioned herein in any country or jurisdiction nor, unless expressly provided, any recommendation or investment opinion or advice. Any view, recommendation, opinion or advice expressed in this publication states otherwise. This research report is not to be relied upon by any person in making any investment decision or otherwise advising with respect to, or dealing in, the securities mentioned, as it does not take into account the specific investment objectives, financial situation and particular needs of any person.

Daiwa Securities Group Inc., its subsidiaries or affiliates, or its or their respective directors, officers and employees from time to time have trades as principals, or have positions in, or have other interests in the securities of the company under research including derivatives in respect of such securities or may have also performed investment banking and other services for the issuer of such securities. The following are additional disclosures.

Japan

Daiwa Securities Co. Ltd. and Daiwa Securities Group Inc.

Daiwa Securities Co. Ltd. is a subsidiary of Daiwa Securities Group Inc. Investment Banking Relationship

Within the preceding 12 months, The subsidiaries and/or affiliates of Daiwa Securities Group Inc. * has lead-managed public offerings and/or secondary offerings (excluding straight bonds) of the securities of the following companies: Modern Land (China) Co. Ltd (1107 HK); econtext Asia Ltd (1390 HK); Neo Solar Power Corp (3576 TT); Accordia Golf Trust (AGT SP); Hua Hong Semiconductor Ltd (1347 HK); GF Securities Co Ltd (1776 HK).

*Subsidiaries of Daiwa Securities Group Inc. for the purposes of this section shall mean any one or more of: Daiwa Capital Markets Hong Kong Limited (大和資本市場香港有限公司), Daiwa Capital Markets Singapore Limited, Daiwa Capital Markets Australia Limited, Daiwa Capital Markets India Private Limited, Daiwa-Cathay Capital Markets Co., Ltd., Daiwa Securities Capital Markets Korea Co., Ltd.

Hong Kong

This research is distributed in Hong Kong by Daiwa Capital Markets Hong Kong Limited (大和資本市場香港有限公司) ("DHK") which is regulated by the Hong Kong Securities and Futures Commission. Recipients of this research in Hong Kong may contact DHK in respect of any matter arising from or in connection with this research. **Ownership of Securities**

Environment of Securities" information, please visit BlueMatrix disclosure Link at <u>https://daiwa3.bluematrix.com/sellside/Disclosures.</u> Investment Banking Relationship

For "Investment Banking Relationship", please visit BlueMatrix disclosure Link at https://daiwa3.bluematrix.com/sellside/Disclosures.action. Relevant Relationship (DHK)

DHK may from time to time have an individual employed by or associated with it serves as an officer of any of the companies under its research coverage

DHK market making DHK may from time to time make a market in securities covered by this research.

Singapore

This research is distributed in Singapore by Daiwa Capital Markets Singapore Limited and it may only be distributed in Singapore to accredited investors, expert investors and institutional investors as defined in the Financial Advisers Regulations and the Securities and Futures Act (Chapter 289), as amended from time to time. By virtue of distribution to these category of investors, Daiwa Capital Markets Singapore Limited and its representatives are not required to comply with Section 36 of the Financial Advisers Act (Chapter 110) (Section 36 relates to disclosure of Daiwa Capital Markets Singapore Limited's interest and/or its representative's interest in securities). Recipients of this research in Singapore may contact Daiwa Capital Markets Singapore Limited in respect of any matter arising from or in connection with the research.

Australia

This research is distributed in Australia by Daiwa Capital Markets Stockbroking Limited and it may only be distributed in Australia to wholesale investors within the meaning of the Corporations Act. Recipients of this research in Australia may contact Daiwa Capital Markets Stockbroking Limited in respect of any matter arising from or in connection with the research. Ownership of Securities

for "Ownership of Securities" information, please visit BlueMatrix disclosure Link at https://daiwa3.bluematrix.com/sellside/Disclosures.action, or "Ownership of Securities" information, please visit BlueMatrix disclosure Link at https://daiwa3.bluematrix.com/sellside/Disclosures.action, or "Ownership of Securities" information, please visit BlueMatrix disclosure Link at https://daiwa3.bluematrix.com/sellside/Disclosures.action, or "Ownership of Securities" information, please visit BlueMatrix disclosure Link at https://daiwa3.bluematrix.com/sellside/Disclosures.action, or "Ownership of Securities" information of the securities of the

India

This research is distributed by Daiwa Capital Markets India Private Limited (DAIWA) which is an intermediary registered with Securities & Exchange Board of India. This report is not to be considered as an offer or solicitation for any dealings in securities. While the information in this report has been compiled by DAIWA in good faith from sources believed to be reliable, no representation or warranty, express of implied, is made or given as to its accuracy, completeness or correctness. DAIWA its officers, employees, representatives and agents accept no liability whatsoever for any loss or damage whether direct, indirect, consequential or otherwise howsoever arising (whether in negligence or otherwise) out of or in connection with or from any use of or reliance on the contents of and/or omissions from this document. Consequently DAIWA expressly disclaims any and all liability for, or based on or relating to any such information contained required for the contents of onessions in this document. Consequence of the second of the securities thereof, of company (ies) mentioned herein or be engaged in any other transactions involving such securities and earn brokerage or other compensation or act as advisor or have the potential conflict of interest with respect to any recommendation and related information or opinion. DAIWA prohibits its analyst and their family members from maintaining a financial interest in the securities or derivatives of any companies that the analyst cover. This report is not intended or directed for distribution to, or use by any person, citizen or entity which is resident or located in any state or country or jurisdiction where such publication, distribution or use would be contrary to any statutory legislation, or regulation which would require DAIWA and its affiliates/ group companies to any registration or licensing requirements. The views expressed in the report accurately reflect the analyst's personal views about the securities and issuers that are subject of the Report, and that no part of the analyst's compensation was, is or will be directly or indirectly related to the recommendations or views expressed in the Report. This report does not recommend to US recipients the use of Daiwa Capital Markets India Private Limited or any of its non – US affiliates to effect trades in any securities and is not supplied with any understanding that US recipients will direct commission business to Daiwa Capital Markets India Private Limited.

Taiwan

This research is distributed in Taiwan by Daiwa-Cathay Capital Markets Co., Ltd and it may only be distributed in Taiwan to institutional investors or specific investors who have signed recommendation contracts with Daiwa-Cathay Capital Markets Co., Ltd in accordance with the Operational Regulations Governing Securities Firms Recommending Trades in Securities to Customers. Recipients of this research in Taiwan may contact Daiwa-Cathay Capital Markets Co., Ltd in respect of any matter arising from or in connection with the research.

Philippines

This research is distributed in the Philippines by DBP-Daiwa Capital Markets Philippines, Inc. which is regulated by the Philippines Securities and Exchange Commission and the Philippines Stock Exchange, Inc. Recipients of this research in the Philippines may contact DBP-Daiwa Capital Markets Philippines, Inc. in respect of any matter arising from or in connection with the research. DBP-Daiwa Capital Markets Philippines, Inc. recommends that investors independently assess, with a professional advisor, the specific financial risks as well as the legal, regulatory, tax, accounting, and other consequences of a proposed transaction. DBP-Daiwa Capital Markets Philippines, Inc. may have positions or may be materially interested in the securities in any of the markets mentioned in the publication or may have performed other services for the issuers of such securities. For relevant securities and trading rules please visit SEC and PSE Link at <u>http://www.sec.gov.ph/irr/AmendedIRRfinalversion.pdf</u> and <u>http://www.pse.com.ph/</u> respectively.

Thailand

This research is distributed to only institutional investors in Thailand primarily by Thanachart Securities Public Company Limited ("TNS").

This report is prepared by analysts who are employed by Daiwa Securities Group Inc. and/or its non-U.S. affiliates. While the information is from sources believed to be reliable, neither the information nor the forecasts shall be taken as a representation or warranty for which Thanachart Securities Company Limited, Daiwa Securities Group Inc. and or its non-cost and the information is non-builty. This report is provided to you for informational purposes only and it is not, and is not to be construed as, an offer or an invitation to make an offer to sell or buy any securities. Neither Thanachart Securities Group Inc. nor any of their respective directors, officiers, servants and employees incur any responsibility. This report is provided to you for informational purposes only and it is not, and is not to be construed as, an offer or an invitation to make an offer to sell or buy any securities. Neither Thanachart Securities Public Company Limited, Daiwa Securities Group Inc. nor any of their respective parent, holding, subsidiaries or affiliates, nor any of their respective directors, officers, servants and employees accept any liability whatsoever for any direct or consequential loss arising from any use of this research or its contents.

The information and opinions contained herein have been compiled or arrived at from sources believed reliable. However, Thanachart Securities Public Company Limited, Daiwa Securities Group Inc. nor any of their respective parent, holding, subsidiaries or affiliates, nor any of their respective directors, officers, servants and employees make no representation or warranty, express or implied, as to their accuracy or completeness. Expressions of opinion herein are subject to change without notice. The use of any information, forecasts and opinions contained in this report shall be at the sole discretion and risk of the user.

Daiwa Securities Group Inc. and/or its non-U.S. affiliates perform and seek to perform business with companies covered in this research. Thanachart Securities Public Company Limited, Daiwa Securities Group Inc., their respective parent, holding, subsidiaries or affiliates, their respective directors, officers, servants and employees may have positions and financial interest in securities mentioned in this research. Thanachart Securities Public Company Limited, Daiwa Securities Group Inc., their respective parent, holding, subsidiaries or affiliates may from time to time perform investment banking or other services for, or solicit investment banking or other business from, any entity mentioned in this research. Therefore, investors should be aware of conflict of interest that may affect the objectivity of this research.

United Kingdom

United Kingdom This research report is produced by Daiwa Capital Markets Europe Limited and/or its affiliates and is distributed in the European Union, Iceland, Liechtenstein, Norway and Switzerland. Daiwa Capital Markets Europe Limited is authorised and regulated by The Financial Conduct Authority ("FCA") and is a member of the London Stock Exchange, Eurex and NYSE Liffe. Daiwa Capital Markets Europe Limited and/or its affiliates may, from time to time, to the extent permitted by law, participate or invest in other financing transactions with the issuers of the securities referred to herein (the "Securities"), perform services for or solicit business from such issuers, and/or have a position or effect transactions in the Securities or options thereof and/or may have acted as an underwriter during the past twelve months for the issuer of such securities. In addition, employees of Daiwa Capital Markets Europe Limited and/or its affiliates may have positions and effect transactions in such securities or options and may serve as Directors of such secures. Daiwa Capital Markets Europe Limited and, the extent permitted by applicable UK law and other applicable law or regulation, effect transactions in the Securities before this material is published to recipients.

This publication is intended for investors who are not Retail Clients in the United Kingdom within the meaning of the Rules of the FCA and should not therefore be distributed to such Retail Clients in the United Kingdom. Should you enter into investment business with Daiwa Capital Markets Europe's affiliates outside the United Kingdom, we are obliged to advise that the protection afforded by the United Kingdom regulatory system may not apply; in particular, the benefits of the Financial Services Compensation Scheme may not be available.

Daiwa Capital Markets Europe Limited has in place organisational arrangements for the prevention and avoidance of conflicts of interest. Our conflict management policy is available at http://www.uk.daiwacm.com/about-us/corporate-governance-regulatory . Regulatory disclosures of investment banking relationships are available at https://daiwa3.bluematrix.com/sellside/Disclosures.action.

Germany

This document is distributed in Germany by Daiwa Capital Markets Europe Limited, Niederlassung Frankfurt which is regulated by BaFin (Bundesanstalt fuer Finanzdienstleistungsaufsicht) for the conduct of business in Germany.

Bahrain

This research material is distributed by Daiwa Capital Markets Europe Limited, Bahrain Branch, regulated by The Central Bank of Bahrain and holds Investment Business Firm – Category 2 license and having its official place of business at the Bahrain World Trade Centre, South Tower, 7th floor, P.O. Box 30069, Manama, Kingdom of Bahrain. Tel No. +973 17534452 Fax No. +973 535113

This material is provided as a reference for making investment decisions and is not intended to be a solicitation for investment. Investment decisions should be made at your own discretion and risk. Accordingly, no representation or warranty, express or implied, is made as to and no reliance should be placed on the fairness, accuracy, completeness or correctness of the information and opinions contained in this document, Content herein is based on information available at the time the research material was prepared and may be amended or otherwise changed in the future without notice. All information is intended for the private use of the person to whom it is provided without any liability whatsoever on the part of Daiwa Capital Markets Europe Limited, Bahrain Branch, any associated company or the employees thereof. If you are in doubt about the suitability of the product or the research material itself, please consult your own financial adviser. Daiwa Capital Markets Europe Limited, Bahrain Branch retains all rights related to the content of this material, which may not be redistributed or otherwise transmitted without prior consent.

United States

This report is distributed in the U.S. by Daiwa Capital Markets America Inc. (DCMA). It may not be accurate or complete and should not be relied upon as such. It reflects the preparer's views at the time of its preparation, but may not reflect events occurring after its preparation; nor does it reflect DCMA's views at any time. Neither DCMA nor the preparer has any obligation to update this report or to continue to prepare research on this subject. This report is not an offer to sell or the solicitation of any offer to buy securities. Unless this report says otherwise, any recommendation it makes is risky and appropriate only for sophisticated speculative investors able to incur significant losses. Readers should consult their financial advisors to determine whether any such recommendation is consistent with their own investment objectives, financial situation and needs. This report does not recommend to U.S. recipients the use of any of DCMA's non-U.S. affiliates to effect trades in any security and is not supplied with any understanding that U.S. recipients of this report will direct commission business to such non-U.S. entities. Unless applicable law permits otherwise, non-U.S. customers wishing to effect a transaction in any securities referenced in this material should contact a Daiwa entity in their local jurisdiction. Most countries throughout the world have their own laws regulating the types of securities and other investment products which may be offered to their residents, as well as a process for doing so. As a result, the securities discussed in this report may not be eligible for sales in some jurisdictions. Customers wishing to obtain further information about this report should contact DCMA: Daiwa Capital Markets America Inc., Financial Square, 32 Old Slip, New York, New York 10005 (telephone 212-612-7000).

Ownership of Securities For "Ownership of Securities" information please visit BlueMatrix disclosure Link at <u>https://daiwa3.bluematrix.com/sellside/Disclosures.action.</u>

Investment Banking Relationships

For "Investment Banking Relationships" please visit BlueMatrix disclosure link at https://daiwa3.bluematrix.com/sellside/Disclosures.action.

DCMA Market Making For "DCMA Market Making" please visit BlueMatrix disclosure link at https://daiwa3.bluematrix.com/sellside/Disclosures.action.

Research Analyst Conflicts

Research Analyst Conflicts" please visit BlueMatrix disclosure link at https://daiwa3.bluematrix.com/sellside/Disclosures.action. The principal research analysts who prepared this report have no financial interest in securities of the issuers covered in the report, are not (nor are any members of their household) an officer, director or advisory board member of the issuer(s) covered in the report, and are not aware of any material relevant conflict of interest involving the analyst or DCMA, and did not receive any compensation from the issuer during the past 12 months except as noted: no exceptions.

Research Analyst Certification For updates on "Research Analyst Certification" and "Rating System" please visit BlueMatrix disclosure link at https://daiwa3.bluematrix.com/sellside/Disclosures.action. The views about any and all of the subject securities and issuers expressed in this Research Report accurately reflect the personal views of the research analyst(s) primarily responsible for this report (or the views of the firm producing the report if no individual analyst(s) is named on the report); and no part of the compensation of such analyst(s) (or no part of the report) was, is, or will be directly or indirectly related to the specific recommendations or views contained in this Research Report.

The following explains the rating system in the report as compared to relevant local indices, unless otherwise stated, based on the beliefs of the author of the report.

"1": the security could outperform the local index by more than 15% over the next 12 months.

- "2": the security is expected to outperform the local index by more than 15% over the next 12 months. "2": the security is expected to outperform the local index by 5-15% over the next 12 months. "3": the security is expected to perform within 5% of the local index (better or worse) over the next 12 months. "4": the security is expected to underperform the local index by 5-15% over the next 12 months. "5": the security could underperform the local index by more than 15% over the next 12 months.

Disclosure of investment ratings

Rating	Percentage of total			
Buy*	61.0%			
Hold**	26.1%			
Sell***	12.9%			

Source · Daiwa

Notes: data is for single-branded Daiwa research in Asia (ex Japan) and correct as of 31 March 2015. * comprised of Daiwa's Buy and Outperform ratings.



** comprised of Daiwa's Hold ratings. *** comprised of Daiwa's Underperform and Sell ratings.

Additional information may be available upon request.

Japan - additional notification items pursuant to Article 37 of the Financial Instruments and Exchange Law (This Notification is only applicable where report is distributed by Daiwa Securities Co. Ltd.)

- If you decide to enter into a business arrangement with us based on the information described in materials presented along with this document, we ask you to pay close attention to the following items.
- In addition to the purchase price of a financial instrument, we will collect a trading commission* for each transaction as agreed beforehand with you. Since commissions may be included in the purchase price or may not be charged for certain transactions, we recommend that you confirm the commission for each transaction.
 In some cases, we may also charge a maximum of ¥ 2 million (including tax) per year as a standing proxy fee for our deposit of your securities, if you are a non-resident of Japan.
 For derivative and margin transactions etc., we may require collateral or margin requirements in accordance with an agreement made beforehand with you. Ordinarily in such cases, the
- amount of the transaction will be in excess of the required collateral or margin requirements. There is a risk that you will incur losses on your transactions due to changes in the market price of financial instruments based on fluctuations in interest rates, exchange rates, stock prices, real estate prices, commodity prices, and others. In addition, depending on the content of the transaction, the loss could exceed the amount of the collateral or margin requirements. There may be a difference between bid price etc. and ask price etc. of OTC derivatives handled by us.
- The amount of the trading commission cannot be stated here in advance because it will be determined between our company and you based on current market conditions and the content of each transaction etc.

When making an actual transaction, please be sure to carefully read the materials presented to you prior to the execution of agreement, and to take responsibility for your own decisions regarding the signing of the agreement with us.

Corporate Name: Daiwa Securities Co. Ltd.

Financial instruments firm: chief of Kanto Local Finance Bureau (Kin-sho) No.108 Japan Securities Dealers Association, The Financial Futures Association of Japan Japan Securities Investment Advisers Association Memberships: Type II Financial Instruments Firms Association