

Financials / Hong Kong 12 December 2012

Champion REIT 2778 HK

Target (HKD): **3.75** → **3.75**

BoA lease: not bad for sector

Jonas Kan, CFA (852) 2848 4439 jonas.kan@hk.daiwacm.com

- Apparent BoA relocation would create near-term uncertainty for Champion
- However, the move should not be bad news for the sector
- Should offer long-term value but near-term upside may be capped; maintain Hold

What's new

News reports indicate that BoA Merill Lynch (BoA) is going to relocate from Citibank Plaza to Cheung Kong Centre.

What's the impact

Not unexpected. According to the Hong Kong Economic Times, BoA has leased seven floors (about 150,000 sq ft) in Cheung Kong **Centre starting from September** 2013, at about HKD90-100/sq ft. We see this as the realisation of an overhang, as the possibility that BoA could vacate Citibank Plaza has been known for some time. We believe the change would cause near-term uncertainty for Champion REIT (Champion), as BoA takes up about 15% of the office space in the building. If the BoA space is not leased, Citibank Plaza's vacancy rate could rise to about 25%.

Negative impact of move may be overstated, for three reasons. First, we estimate that the vacancy rate at Cheung Kong Centre would fall below 4% with BoA as a tenant. This would mean that asking rents at Upside: 0.3%

12 Dec price (HKD): 3.74

Cheung Kong Centre and other premier office buildings in Central could become more firm, which could result in some tenants relocating to Citibank Plaza where the spot rent is over 20% lower. This was the experience when Barclays Capital moved to Cheung Kong Centre a few years ago. We assume the area being vacated can be leased at about HKD80/sq ft in 2014; hence, we are not any making earnings or DPU revisions.

Second, while BoA's new lease may commence in September 2013, its lease at Citibank Plaza will not end until 2H14. This means that Champion should have more than 18 months to lease the space.

Third, we estimate that the rent BoA pays is not particularly high, at about HKD80/sq ft, which is in line with the current spot rents.

Should be good news for the sector. Given BoA's relocation costs and that its existing lease does not expire until 2H14, we think BoA's rent is not low at all and that cost-savings were not the priority for the deal. It also means that the 'problem' in the Central office market should become confined mainly to one building and that landlords should not be competing fiercely for tenants.

What we recommend

While we believe Champion offers long-term value on a PBR basis, we think it will take time for the uncertainties brought about by this development to be removed. We believe Great Eagle (parent of Champion; Not rated) represents an alternative vehicle for exposure to the long-term value of Champion REIT (see our 21 November report, <u>Champion REIT on top of hotel</u> assets). We thus maintain our Hold Buy
 Outperform
 Hold (unchanged)
 Underperform
 Sell

(3) rating and target price of HKD3.75 based on our 10-year DDM model, translating into a 2013E DPU yield of 5.6%. The upside risk would be a sudden surge in demand for grade-A offices in Central; downside risks would be major corporate failures.

How we differ

Unlike the market, we believe the Central office market's current weakness is more cyclical than structural (see Daiwa-CBRE's 29 October report, <u>A 2020 vision for</u> <u>Hong Kong's office market</u>).

Forecast revisions (%)

Year to 31 Dec	12E	13E	14E			
Revenue change	-	-	-			
Net-property-income chg	-	-	-			
DPU change	-	-	-			

Source: Daiwa forecasts

Share price performance



12-month range	2.88-3.95
Market cap (USDbn)	2.74
3m avg daily turnover (USDm)	3.00
Shares outstanding (m)	5,673
Major shareholder	Great Eagle Holdings (57.7%)

Financial summary (HKD)

Year to 31 Dec	12E	13E	14E
Revenue (m)	2,040	2,113	2,197
Net property income (m)	1,694	1,770	1,841
Distribution (m)	1,197	1,222	1,268
DPU	0.211	0.214	0.221
DPU change (%)	(5.9)	1.5	3.2
Daiwa vs Cons. EPS (%)	(1.0)	5.5	15.1
DPU yield (%)	5.6	5.7	5.9
PER (x)	18.9	19.7	19.8
Core EPU (fully-diluted)	0.198	0.190	0.189
P/BV (x)	0.5	0.5	0.5
ROE (%)	2.7	2.7	2.7

Source: FactSet, Daiwa forecasts



• Great Eagle: NAV breakdown with Champion REIT stake valued at its current unit price

	HKDm	HKD/share
Investment properties in Hong Kong	6,343	10.0
Investment properties overseas	2,180	3.5
Hotel assets in Hong Kong	6,963	11.0
Hotel assets overseas	11,026	17.5
Hotel and other property assets in China	1,184	1.9
Champion REIT stake based on unit price of HKD3.75	12,275	19.4
Gross NAV	40,135	63.6
Net debt	(3,017)	(4.8)
NAV	37,118	58.5

Source: Company, Daiwa estimates

Note: NAV is estimated as at 30 October 2012; Champion REIT's unit price is as at 12 December 2012

Champion REIT: PBR trend



Source: Bloomberg, Company, Daiwa

Champion REIT: Citibank Plaza expiries (end-June 2012)



Source: Company, compiled by Daiwa

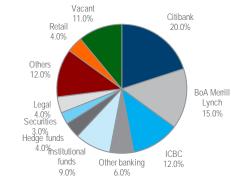
Great Eagle: NAV breakdown with Champion REIT stake valued at its asset value

	HKDm	HKD/share
Investment properties in Hong Kong	6,343	10.0
Investment properties overseas	2,180	3.5
Hotel assets in Hong Kong	6,963	11.0
Hotel assets overseas	11,026	17.5
Hotel and other property assets in China	1,184	1.9
Champion REIT stake based on value of underlying assets	24,143	38.2
Gross NAV	51,838	82.1
Net debt	(3,017)	(4.8)
NAV	48,821	77.3

Source: Company, Daiwa estimates

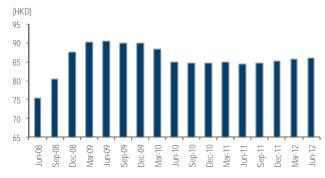
Note: NAV is estimated as at 30 October 2012

Champion REIT: Tenant profile (end-June 2012)



Source: Company

Champion REIT: passing office rents at Citibank Plaza



Source: Company



Financial summary

Key assumptions								
	2007	2008	2009	2010	2011	2012E	2013E	2014E
Year to 31 Dec Interest cover ratio (x)	2007	2008	2009	2010	2011	2012E 6.5	2013E 5.7	2014E 4.8
Interest service ratio (x)	1.7	0.9	2.0	1.7	1.1	1.1	1.3	4.0
Average portfolio cap rate (%)	3.0	4.0	4.6	3.7	3.5	3.8	3.9	4.1
Funds from operations (m)	3,238	(2,877)	3,745	5,309	6,493	1,053	1,078	1,121
Adj. funds from operations (m)	2,548	(3,070)	3,745	5,309	6,493	1,055	1,078	1,087
Auj. Iunus Iroin operations (in)	2,340	(3,070)	3,709	0,300	0,493	1,019	1,040	1,007
Profit and loss (HKDm)								
Year to 31 Dec	2007	2008	2009	2010	2011	2012E	2013E	2014E
Total revenue	839	1,614	2,035	1,876	1,940	2,040	2013E 2,113	2014E 2,197
Operating expenses	(158)	(280)	(326)	(367)	(378)	(346)	(343)	(357)
Net property income	681	1,334	1,709	1,509	1,562	1,694	1,770	1,841
Other income	001	1,334	1,709	1,509	1,302	1,094	0	1,041
Management fees	(82)	(160)	(205)	(181)	(187)	(212)	(215)	(217)
Other operating expenses	(11)	(100)	(203)	(181)	(16)	(16)	(16)	(16)
Depreciation and amortisation	0	0	0	0	0	0	0	0
EBIT	588	1,157	1,490	1,314	1,359	1,466	1,539	1,608
Net-int. income/(expenses)	(355)	(627)	(752)	(751)	(565)	(227)	(271)	(338)
Share of associates	(333)	0	0	(751)	(505)	0	0	(330)
Revaluation gains/(loss)	3,696	(3,678)	3,562	4,924	5,883	0	0	0
Except./other inc./(exp.)	2	(3,070)	0	4,724	3,003	0	0	42
Profit before tax	3,931	(3,148)	4,300	5,487	6,677	1,239	1,268	1,311
Taxation	(693)	271	(556)	(178)	(184)	(186)	(190)	(190)
Min. int./pref. div./others	0	0	(330)	0	0	0	0	0
Net profit	3,238	(2,877)	3,745	5,309	6,493	1,053	1,078	1,121
Total return	233	492	650	496	681	1,053	1,078	1,079
Adjustments	418	546	663	588	488	1,000	1,070	215
Distributable income	650	1,038	1,312	1,084	1,170	1,221	1,247	1,294
Distribution rate	1.00	1.00	0.95	0.95	1.00	0.98	0.98	0.98
Distribution	650	1,038	1,242	1,029	1,170	1,197	1,222	1,268
EPU (HKD)	0.078	0.131	0.108	0.078	0.138	0.198	0.190	0.189
DPU (HKD)	0.340	0.318	0.261	0.216	0.224	0.211	0.214	0.221
Cash flow (HKDm)								
Year to 31 Dec	2007	2008	2009	2010	2011	2012E	2013E	2014E
Profit before tax	233	530	738	562	794	1,239	1,268	1,269
Depreciation and amortisation	0	0	0	0	0	0	0	0
Net-interest expenses	355	627	752	751	565	227	271	338
Share of associate	0	0	0	0	0	0	0	0
Change in working capital	38	36	(19)	68	(20)	120	54	62
Tax paid	(144)	(5)	(84)	(109)	(46)	(186)	(190)	(190)
Other operating CF items	82	160	205	113	112	127	129	0
Cash flow from operation	563	1,348	1,592	1,386	1,406	1,528	1,531	1,479
Сарех	(690)	(193)	(35)	(1)	0	(34)	(34)	(34)
Net investment and sale of FA	0	(8,298)	0	0	0	0	0	0
Other investing CF items	57	26	11	42	71	(518)	0	0
Cash flow from investing	(633)	(8,465)	(25)	41	71	(552)	(34)	(34)
Change in debt	56	7,047	863	1,247	(1,902)	0	0	0
Equity raised/(repaid)	0	5,634	0	0	0	0	0	0
Distribution paid	(526)	(1,188)	(541)	(941)	(1,055)	(1,185)	(917)	(1,233)
Other financing CF items	(97)	(3,866)	(1,173)	(1,527)	739	(186)	(230)	(295)
Cash flow from financing	(568)	7,628	(851)	(1,221)	(2,217)	(1,372)	(1,147)	(1,528)
Forex effect/others	0	0	0	0	0	0	0	0
Change in cash	(637)	510	717	206	(740)	(395)	351	(82)

Source: FactSet, Daiwa forecasts



Financial summary continued ...

Balance sheet (HKDm)

As at 31 Dec	2007	2008	2009	2010	2011	2012E	2013E	2014E
Cash & cash equivalent	605	1,115	1,832	2,038	1,293	902	1,253	1,301
Accounts receivable	43	116	103	108	180	117	121	126
Other current assets	0	0	0	61	2	0	0	0
Total current assets	648	1,231	1,935	2,207	1,475	1,019	1,374	1,427
Investment properties	28,343	40,049	44,241	50,223	54,857	53,792	53,819	53,846
Fixed assets	0	0	0	0	0	0	0	0
Associates	0	0	0	0	0	0	0	0
Goodwill and intangible assets	0	0	0	0	0	0	0	0
Other long-term assets	709	105	98	6	0	0	0	0
Total assets	29,700	41,385	46,274	52,436	56,332	54,811	55,193	55,272
Short-term debt	0	0	0	7,898	0	0	0	0
Accounts payable	1,111	1,413	1,381	1,521	1,575	1,632	1,690	1,758
Other current liabilities	411	665	681	608	667	0	0	0
Total current liabilities	1,522	2,078	2,063	10,027	2,242	1,632	1,690	1,758
Long-term debt	7,785	14,832	15,695	9,044	15,040	13,525	13,525	13,525
Other non-current liabilities	849	647	1,156	1,987	294	294	294	294
Total liabilities	10,156	17,557	18,914	21,058	17,576	15,452	15,510	15,577
Unitholders' funds	19,544	23,829	27,360	31,377	38,756	39,359	39,683	39,695
Minority interests	0	0	0	0	0	0	0	0
Total equity & liabilities	29,700	41,385	46,274	52,436	56,332	54,811	55,193	55,272
Book Value per unit	6.977	5.373	5.672	6.364	7.819	6.938	6.954	6.916
Key ratios (%)								
Year to 31 Dec	2007	2008	2009	2010	2011	2012E	2013E	2014E
Total revenue (YoY)	n.a.	92.4	26.1	(7.8)	3.4	5.2	3.6	4.0
Net property income (YoY)	n.a.	95.9	28.1	(11.7)	3.6	8.5	4.5	4.0
Net profit (YoY)								
Distribution (YoY)	n.a.	111.3	32.1	(23.6)	37.2	54.5	2.4	0.1
	n.a. n.a.	111.3 59.6	32.1 19.6	(23.6) (17.1)	37.2 13.6	54.5 2.3	2.4 2.1	0.1
EPU (YoY)				. ,				
	n.a.	59.6	19.6	(17.1)	13.6	2.3	2.1	3.8
EPU (YoY)	n.a. n.a.	59.6 67.5	19.6 (17.7)	(17.1)	13.6 75.8	2.3 43.7	2.1 (4.3)	3.8 (0.5)
EPU (YoY) DPU (YoY)	n.a. n.a. n.a.	59.6 67.5 (6.3)	19.6 (17.7) (18.0)	(17.1) (27.5) (17.2)	13.6 75.8 3.7	2.3 43.7 (5.9)	2.1 (4.3) 1.5	3.8 (0.5) 3.2
EPU (YoY) DPU (YoY) ROE	n.a. n.a. n.a. 1.2	59.6 67.5 (6.3) 2.3	19.6 (17.7) (18.0) 2.5	(17.1) (27.5) (17.2) 1.7	13.6 75.8 3.7 1.9	2.3 43.7 (5.9) 2.7	2.1 (4.3) 1.5 2.7	3.8 (0.5) 3.2 2.7
EPU (YoY) DPU (YoY) ROE ROA	n.a. n.a. n.a. 1.2 0.8	59.6 67.5 (6.3) 2.3 1.4	19.6 (17.7) (18.0) 2.5 1.5	(17.1) (27.5) (17.2) 1.7 1.0	13.6 75.8 3.7 1.9 1.3	2.3 43.7 (5.9) 2.7 1.9	2.1 (4.3) 1.5 2.7 2.0	3.8 (0.5) 3.2 2.7 2.0
EPU (YoY) DPU (YoY) ROE ROA ROCE	n.a. n.a. n.a. 1.2 0.8 2.2	59.6 67.5 (6.3) 2.3 1.4 3.5	19.6 (17.7) (18.0) 2.5 1.5 3.6	(17.1) (27.5) (17.2) 1.7 1.0 2.9	13.6 75.8 3.7 1.9 1.3 2.7	2.3 43.7 (5.9) 2.7 1.9 2.7	2.1 (4.3) 1.5 2.7 2.0 2.9	3.8 (0.5) 3.2 2.7 2.0 3.0
EPU (YoY) DPU (YoY) ROE ROA ROCE ROIC	n.a. n.a. 1.2 0.8 2.2 1.8	59.6 67.5 (6.3) 2.3 1.4 3.5 3.5	19.6 (17.7) (18.0) 2.5 1.5 3.6 3.2	(17.1) (27.5) (17.2) 1.7 1.0 2.9 2.8	13.6 75.8 3.7 1.9 1.3 2.7 2.6	2.3 43.7 (5.9) 2.7 1.9 2.7 2.4	2.1 (4.3) 1.5 2.7 2.0 2.9 2.5	3.8 (0.5) 3.2 2.7 2.0 3.0 2.6

Source: FactSet, Daiwa forecasts

Company profile

Champion REIT is the second-largest REIT in Hong Kong and also one of the largest in Asia. Originally, it had only Citibank Plaza, and then became a REIT with two prime commercial-property assets after acquiring the retail and office areas of Langham Place from its parent company, Great Eagle (Not rated).



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 mentioned herein in any country or iurisdiction nor supresserves expressly provided any recommendation or investment onion or advice. Any view, recommendation 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 may not necessarily reflect those of Daiwa Securities Capital Markets Co. Ltd., and/or its affiliates nor any of its respective directors, officers, servants and employees except where the 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: Rexlot Holdings Limited (555 HK); China Outfitters Holdings Limited (1146 HK); Beijing Jingneng Clean Energy Co. Limited (579 HK); Infraware Inc. (041020 KS); Jiangnan Group Limited (1366 HK); Huadian Fuxin Energy Corporation Limited (816 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, 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 ("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.

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

Investment Banking Relationship For "Investment Banking Relationship", please visit BlueMatrix disclosure Link at <u>https://daiwa3.bluematrix.com/sellside/Disclosures.action</u>. 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 is 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's interest and/or its representative.

Australia

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

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 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 in or errors in or omissions in this report. Accordingly, you are recommended to seek your own legal, tax or other advice and should rely solely on your own judgment, review and analysis, in evaluating the information in this document. The data contained in this document is subject to change without any prior notice DAIWA reserves its right to modify this report as maybe required from time to time. DAIWA is committed to providing independent recommendations to its Clients and would be happy to provide any information in response to any query from its (Clients. This report is strictly confidential and is being furnished to you solely for your information. The information or time to time, have long or short positions, in and buy sell 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, distribution or use would be contrary to any state or country or jurisdiction where such publication, distribution or use would be contrary to any statutory legislation, or regulation which would require bAIWA and its 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 is not indirectly indirectly related to the recommendatio

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.

Philippine

Philippines 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.sec.com.ph/</u> respectively.

United Kingdom

United Kingdom This research report is produced by Daiwa Securities Capital Markets Co., Ltd and/or its affiliates and is distributed by Daiwa Capital Markets Europe Limited in the European Union, Iceland, Liechtenstein, Norway and Switzerland. Daiwa Capital Markets Europe Limited is authorised and regulated by The Financial Services Authority ("FSA") and is a member of the London Stock Exchange, Chi-X, Eurex and NYSE Liffe. Daiwa Capital Markets Europe Limited and 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 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 may, to 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 FSA 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-and-regulatory. Regulatory disclosures of investment banking relationships are available at https://daiwa3.bluematrix.com/sellside/Disclosures.action.

Germany

This document has been approved by Daiwa Capital Markets Europe Limited and 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 issued/compiled 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 the state of the time the research material was prepared and may be amended or otherwise the state of the time the research material was prepared and may be amended or otherwise the state of the time the research material was prepared and may be amended or otherwise the state of the time the research material was prepared and may be amended or otherwise the state of the time the research material was prepared and may be amended or otherwise the state of the time the research material was prepared and may be amended or otherwise the state of the time the research material was prepared and may be amended or otherwise the state of the time the research material was prepared and may be amended or otherwise the state of the time the research material was prepared and may be amended or otherwise the state of the time the research material was prepared and may be amended or otherwise the state of the time the research material was prepared and may be amended or otherwise the state of the time the research material was prepared and may be amended or otherwise the state of the 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

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 is the other and such as the relative of the other is the busice of the other other other other of the other othe Whether any such recommendation is consistent with their own investment objectives, innancial situation and needs. This report does not recommend to U.S. recipients to use of our 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 https://daiwa3.bluematrix.com/sellside/Disclosures.action.

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

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

Research Analyst Conflicts For updates on "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 analysts[s] is named on the report); and no part of the compensation of such analyst(s) (or no part of the compensation of the firm if no individual analyst[s]) is named on 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, based on the beliefs of the author of the report.

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

Additional information may be available upon request.

Japan - additional notification items pursuant to Article 37 of the Financial Instruments and Exchange Law is 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
- 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. Before engaging in any trading, please thoroughly confirm accounting and tax treatments regarding your trading in financial instruments with such experts as certified public accountants. "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 the content 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 the content 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 the content 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 the content 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 a content 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 a content 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 the trading commission cannot be stated here in advance because it will be determined between our comp
- 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, Financial Futures Association of Japan Japan Securities Investment Advisers Association Memberships: Type II Financial Instruments Firms Association