



### Hero Motocorp HMCL IN

Target price:  $Rs2,225.00 \rightarrow Rs2,225.00$ 

Up/downside: **+24.5**%

Share price (4 Jan): **Rs1,786.45** 

### 1 Buy (unchanged)

- Outperform
- 3 Hold
- Underperform
- 5 Sell

# **Growth story** intact

### **Ambrish Mishra**

(91) 22 6622 1060 ambrish.mishra@in.daiwacm.com

### Navin Matta

(91) 22 6622 8411 navin.matta@in.daiwacm.com

- HMCL has positively surprised the market YTD in FY12, with over 18% sales-volume growth
- We forecast a 14.7% EPS CAGR for FY11-14
- Reiterate Buy (1) rating and target price of Rs2,225

### ■ What's new

We met with the management of Hero Motocorp (HMCL) to get an update on the near- to medium-term outlook of the company. We also introduce our FY14 forecasts.

### ■ What's the impact

HMCL has positively surprised us and the market so far in FY12 with a sales-volume growth of over 18% YoY. The company gained about 200bps share in the motorcycle volume segment and about 100bps share in the scooter volume segment in the period. According to management, HMCL will focus on maintaining its leadership through new launches (in the motorcycle and scooter segments) and by capitalising on the strong brand pull enjoyed by its products, especially in the rural/semi-urban markets.

During our meeting, the management did not seem too concerned about EBIDTA-margin pressure, as it believes there is a healthy/rational competitive environment in the industry and that the likelihood of a price war is low. The easing of commodity prices, reasonable sales-volume growth and cost-cutting measures should help the company to maintain its EBIDTA margin at healthy levels of 12-14% (adjusted for royalty payouts) over the medium term.

Although the management seemed a little concerned about demand growth in the near future, it guided for volume growth of about 8-10% for the domestic market in FY13, and believes HMCL will at least be able to match the industry growth. On the R&D front, the company is confident of launching its own products before June 2014, until when HMCL is assured of new products from Honda Motor (7267 JP, ¥2,453, Buy [1]), in line with the agreement signed in December 2010. Going forward, R&D costs should be equivalent to about 1-1.5% of net revenue, according to management.

While have revised our FY12-13 forecasts slightly, and introduce our FY14 forecasts. We forecast an EPS CAGR of 14.7% for FY11-14, backed by a sales-volume CAGR of 11.2%.

### **■** What we recommend

The stock currently trades at PERs of 12.7x and 11.8x for FY13E and FY14E, respectively. We reiterate our Buy (1) rating and six-month target price of Rs2,225, based on a target PER of 16x on our FY13E EPS.

Given the economic uncertainty globally in 2012 and that we believe HMCL's earnings will be quite resilient despite this, we factor in a marginal premium to its past three-year average PER of 15x to arrive at our target PER of 16x. The key risks to our investment view are: 1) greater-than-expected pricing

competition, 2) a sharp slowdown in domestic GDP growth, and 3) sharp commodity price inflation.

### ■ How we differ

Our EPS forecasts are above those of the Bloomberg consensus by 1.7%, 3.4% and 3.3% for FY12, FY13, and FY14, respectively, which we believe is mainly due to our greater conviction that the company can protect its domestic market share and improve margins through an improved product mix.

### Forecast revisions (%)

Year to 31 Mar	12E	13E	14E
Revenue change	0.8	1.5	n.a.
Net-profit change	0.1	1.3	n.a.
EPS change	0.1	1.3	n.a.

Source: Daiwa forecasts

### Share price performance



12-month range	1,390.55-2,222.50
Market cap (US\$bn)	6.73
Average daily turnover (US\$m)	23.87
Shares outstanding (m)	200
Major shareholder	Munjal Family (52.2%)

### Financial summary (Rs)

12E	13E	14E
227,818	251,267	282,620
23,811	28,431	32,873
23,832	28,133	30,301
119	141	152
18.7	18.0	7.7
1.7	3.4	3.3
15.0	12.7	11.8
3.1	3.9	4.5
55.000	70.000	80.000
8.8	6.8	5.6
10.8	9.1	7.9
67.9	60.5	52.0
	227,818 23,811 23,832 119 18.7 1.7 15.0 3.1 55.000 8.8 10.8	227,818         251,267           23,811         28,431           23,832         28,133           119         141           18.7         18.0           1.7         3.4           15.0         12.7           3.1         3.9           55.000         70.000           8.8         6.8           10.8         9.1

Source: Bloomberg, Daiwa forecasts



# Financial summary

Key	y assum	ptio	ns
-----	---------	------	----

2007	2008	2009	2010	2011	2012E	2013E	2014E
3,336,756	3,337,142	3,722,000	4,600,130	5,402,444	6,190,381	6,774,914	7,437,015
32,705	34,022	34,175	34,170	35,863	36,927	37,443	38,084
11.2%	0.0%	11.5%	23.6%	17.4%	14.6%	9.4%	9.8%
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9%	2.7%	2.2%	2.1%	2.5%	2.8%	3.3%	3.9%
2.4%	2.1%	2.0%	2.3%	2.0%	2.7%	2.5%	2.5%
	3,336,756 32,705 11.2% 0.0 2.9%	3,336,756 3,337,142 32,705 34,022 11.2% 0.0% 0.0 0.0 2.9% 2.7%	3,336,756         3,337,142         3,722,000           32,705         34,022         34,175           11.2%         0.0%         11.5%           0.0         0.0         0.0           2.9%         2.7%         2.2%	3,336,756         3,337,142         3,722,000         4,600,130           32,705         34,022         34,175         34,170           11.2%         0.0%         11.5%         23.6%           0.0         0.0         0.0         0.0           2.9%         2.7%         2.2%         2.1%	3,336,756         3,337,142         3,722,000         4,600,130         5,402,444           32,705         34,022         34,175         34,170         35,863           11.2%         0.0%         11.5%         23.6%         17.4%           0.0         0.0         0.0         0.0         0.0           2.9%         2.7%         2.2%         2.1%         2.5%	3,336,756         3,337,142         3,722,000         4,600,130         5,402,444         6,190,381           32,705         34,022         34,175         34,170         35,863         36,927           11.2%         0.0%         11.5%         23.6%         17.4%         14.6%           0.0         0.0         0.0         0.0         0.0         0.0           2.9%         2.7%         2.2%         2.1%         2.5%         2.8%	3,336,756         3,337,142         3,722,000         4,600,130         5,402,444         6,190,381         6,774,914           32,705         34,022         34,175         34,170         35,863         36,927         37,443           11.2%         0.0%         11.5%         23.6%         17.4%         14.6%         9.4%           0.0         0.0         0.0         0.0         0.0         0.0         0.0           2.9%         2.7%         2.2%         2.1%         2.5%         2.8%         3.3%

Profit and loss	(Rs m)	
-----------------	--------	--

Year to 31 Mar	2007	2008	2009	2010	2011	2012E	2013E	2014E
2 wheelers	93,605	97,439	115,702	147,607	180,458	213,396	234,155	262,038
Other revenues	5,395	5,879	7,489	9,975	11,991	14,422	17,112	20,581
Others	0	0	0	0	0	0	0	0
Total revenue	99,000	103,318	123,191	157,582	192,449	227,818	251,267	282,620
Other income	0	0	0	0	0	0	0	0
COGS	(71,787)	(74,025)	(87,420)	(107,364)	(141,111)	(165,624)	(180,913)	(203,486)
SG&A	(5,071)	(5,036)	(5,822)	(7,604)	(8,665)	(11,876)	(12,607)	(14,027)
Other op. expenses	(11,808)	(12,366)	(14,522)	(17,909)	(22,095)	(26,507)	(29,316)	(32,234)
Operating profit	10,333	11,891	15,428	24,705	20,578	23,811	28,431	32,873
Net-interest inc./(exp.)	336	486	537	558	601	701	805	910
Assoc/forex/extraord./others	1,792	1,726	1,849	3,055	2,868	4,216	4,848	5,333
Pre-tax profit	12,462	14,103	17,815	28,317	24,047	28,728	34,085	39,115
Tax	(3,882)	(4,424)	(4,997)	(5,999)	(4,769)	(4,895)	(5,951)	(8,814)
Min. int./pref. div./others	0	0	0	0	0	0	0	0
Net profit (reported)	8,580	9,679	12,818	22,318	19,278	23,832	28,133	30,301
Net profit (adjusted)	8,580	9,679	12,818	22,318	20,076	23,832	28,133	30,301
EPS (reported) (Rs)	42.962	48.467	64.185	112	96.535	119	141	152
EPS (adjusted) (Rs)	42.962	48.467	64.185	112	101	119	141	152
EPS (adjusted fully-diluted) (Rs)	42.962	48.467	64.185	112	101	119	141	152
DPS (Rs)	16.999	18.999	19.999	110	105	55.000	70.000	80.000
EBIT	10,333	11,891	15,428	24,705	20,578	23,811	28,431	32,873
EBITDA	11,731	13,494	17,235	26,620	24,602	33,877	38,951	43,827

### ■ Cash flow (Rs m)

Year to 31 Mar	2007	2008	2009	2010	2011	2012E	2013E	2014E
Profit before tax	12,462	14,103	17,815	28,317	24,047	28,728	34,085	39,115
Depreciation and amortisation	1,398	1,603	1,807	1,915	4,024	10,066	10,519	10,955
Tax paid	(3,788)	(4,452)	(4,806)	(5,916)	(3,828)	(4,395)	(5,351)	(8,214)
Change in working capital	(3,192)	3,842	1,863	25,847	22,808	(5,490)	1,236	(453)
Other operational CF items	(680)	(486)	(537)	(1,058)	(1,400)	(701)	(805)	(910)
Cash flow from operations	6,199	14,610	16,141	49,106	45,650	28,207	39,684	40,493
Capex	(5,017)	(3,696)	(3,102)	(2,041)	(29,009)	(8,311)	(3,849)	(3,569)
Net (acquisitions)/disposals	880	(5,930)	(8,019)	(5,570)	(12,030)	(3,500)	(6,500)	(10,500)
Other investing CF items	(221)	(970)	(990)	(1,100)	0	0	0	0
Cash flow from investing	(4,358)	(10,596)	(12,111)	(8,711)	(41,039)	(11,811)	(10,349)	(14,069)
Change in debt	0	0	0	0	0	0	0	0
Net share issues/(repurchases)	900	892	1,290	2,250	1,928	0	0	0
Dividends paid	(3,972)	(4,439)	(4,673)	(25,676)	(24,369)	(12,796)	(16,286)	(18,612)
Other financing CF items	(106)	358	17	(444)	19	60	100	120
Cash flow from financing	(3,178)	(3,189)	(3,366)	(23,869)	(22,422)	(12,736)	(16,186)	(18,492)
Forex effect/others	0	0	0	0	0	0	0	0
Change in cash	(1,336)	825	665	16,525	(17,811)	3,661	13,149	7,931
Free cash flow	1,182	10,913	13,040	47,064	16,641	19,897	35,835	36,923

 $Source: Company, Daiwa\ forecasts$ 



# Financial summary continued ...

0000	choot.	/Da m\
iance	sheet	IRS IIII

As at 31 Mar	2007	2008	2009	2010	2011	2012E	2013E	2014E
Cash & short-term investment	358	1,311	2,196	19,072	715	5,016	18,870	27,591
Inventory	2,756	3,171	3,268	4,364	5,249	7,490	8,261	9,292
Accounts receivable	3,353	2,974	1,499	1,084	1,306	4,993	5,507	7,743
Other current assets	2,667	1,912	3,172	4,306	7,775	8,374	10,551	11,805
Total current assets	9,133	9,368	10,135	28,826	15,046	25,873	43,189	56,431
Fixed assets	13,555	15,648	16,943	17,069	42,054	40,299	33,629	26,244
Goodwill & intangibles	0	0	0	0	0	0	0	0
Other non-current assets	19,739	25,668	33,688	39,257	51,288	54,788	61,288	71,788
Total assets	42,426	50,684	60,765	85,152	108,387	120,960	138,106	154,462
Short-term debt	0	0	0	0	0	0	0	0
Accounts payable	10,419	13,250	15,259	38,051	50,637	49,121	50,329	52,070
Other current liabilities	4,372	4,998	5,270	10,264	10,811	13,363	16,853	19,179
Total current liabilities	14,792	18,247	20,528	48,314	61,448	62,484	67,182	71,249
Long-term debt	1,652	1,320	785	660	14,912	14,912	14,912	14,912
Other non-current liabilities	1,282	1,254	1,444	1,528	2,468	2,968	3,568	4,168
Total liabilities	17,725	20,821	22,757	50,502	78,827	80,363	85,661	90,329
Share capital	399	399	399	399	399	399	399	399
Reserves/R.E./others	24,301	29,463	37,608	34,251	29,161	40,198	52,046	63,735
Shareholders' equity	24,701	29,862	38,008	34,650	29,561	40,597	52,445	64,134
Minority interests	0	0	0	0	0	0	0	0
Total equity & liabilities	42,426	50,684	60,765	85,152	108,387	120,961	138,107	154,463
EV	358,048	356,763	355,343	338,342	370,950	366,650	352,795	344,074
Net debt/(cash)	1,294	9	(1,411)	(18,412)	14,196	9,896	(3,959)	(12,680)
BVPS (Rs)	124	150	190	174	148	203	263	321

### ■ Key ratios (%)

Year to 31 Mar	2007	2008	2009	2010	2011	2012E	2013E	2014E
Sales (YoY)	13.6	4.4	19.2	27.9	22.1	18.4	10.3	12.5
EBITDA (YoY)	(14.0)	15.0	27.7	54.5	(7.6)	37.7	15.0	12.5
Operating profit (YoY)	(17.3)	15.1	29.8	60.1	(16.7)	15.7	19.4	15.6
Net profit (YoY)	(11.7)	12.8	32.4	74.1	(10.0)	18.7	18.0	7.7
EPS (YoY)	(11.7)	12.8	32.4	74.1	(10.0)	18.7	18.0	7.7
Gross-profit margin	27.5	28.4	29.0	31.9	26.7	27.3	28.0	28.0
EBITDA margin	11.8	13.1	14.0	16.9	12.8	14.9	15.5	15.5
Operating-profit margin	10.4	11.5	12.5	15.7	10.7	10.5	11.3	11.6
ROAE	38.3	35.5	37.8	61.4	62.5	67.9	60.5	52.0
ROAA	21.1	20.8	23.0	30.6	20.7	20.8	21.7	20.7
ROCE	42.8	41.3	44.1	66.7	51.6	47.6	46.3	44.9
ROIC	30.7	29.2	33.4	73.7	55.0	41.9	47.4	51.0
Net debt to equity	5.2	0.0	net cash	net cash	48.0	24.4	net cash	net cash
Effective tax rate	31.2	31.4	28.0	21.2	19.8	17.0	17.5	22.5
Accounts receivable (days)	9.1	11.2	6.6	3.0	2.3	5.0	7.6	8.6
Payables (days)	39.0	41.8	42.2	61.7	84.1	79.9	72.2	66.1
Net interest cover (x)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Net dividend payout	39.6	39.2	31.2	98.4	108.8	46.1	49.7	52.7

Source: Company, Daiwa forecasts

## Company profile

Hero MotoCorp Limited (erstwhile Hero Honda Motors Limited) is the largest two-wheeler company in the world with domestic motorcycle market share of ~55% in FY11. Its best-selling brands include Splendor and Passion. With a combined capacity of 6.2m units, the company has plants in Dharuhera, Gurgaon and Uttaranchal. Honda Motor Co., JV partner of over 25 years, exited the company in December 2010.



### 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 Inis publication is produced by Daiwa Securities Group Inc. and/or its non-U.S. atminates, and distributed by Daiwa Securities Group Inc. and/or its non-U.S. atminates, 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, or advice expressed in this publication pray not necessarily reflect those of Daiva Securities Capital Markets Co. Id. and/or its respective directors, officers. 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.

Daiwa Securities Capital Markets Co. Ltd
Daiwa Securities Capital Markets 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: Patel Engineering (PEC IN); International Taifeng Holdings Limited (873 HK); Sihuan Pharmaceutical Holdings Group Limited (460 HK); Strides Arcolab Limited (STR IN); China Metal Resources Holding Limited (8071 HK); China 33 Media Group Limited (8087 HK); Sabana Shari'ah Compliant Industrial Real Estate Investment Trust (SSREIT SP); SBI Holdings Inc. (6488 HK); Shunfeng Photovoltaic International Limited (1165 HK); Rexlot Holdings Limited (555 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 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 ("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" information, please visit BlueMatrix disclosure Link at <a href="https://daiwa3.bluematrix.com/sellside/Disclosures.action">https://daiwa3.bluematrix.com/sellside/Disclosures.action</a>. 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 <a href="https://daiwa3.bluematrix.com/sellside/Disclosures.action.">https://daiwa3.bluematrix.com/sellside/Disclosures.action.</a>

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 contained in this document should not be reproduced (in whole or redistributed in any form to any other person. We and our group companies, affiliates, officers, directors and employees may from 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 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 commanies that the analyst cover. This report is not intended or directed for distribution to, or use by any per or nave 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, 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 compensations 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.

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.

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 http://www.sec.gov.ph/irr/AmendedIRRfinalversion.pdf and http://www.pse.com.ph/ respectively.



### 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, Into research report is produced by Dawa Securities 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 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 issuers. 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 <a href="http://www.uk.daiwacm.com/about-us/corporate-governance-and-regulatory">http://www.uk.daiwacm.com/about-us/corporate-governance-and-regulatory</a>. Regulatory disclosures of investment banking relationships are available at http://www.uk.daiwacm.com/about-us/corporate-governancehttps://daiwa3.bluematrix.com/sellside/Disclosures.action.

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 whether any such recommendation is consistent with neirr own investment objectives, intancial situation and needs. This report does not recommend to U.S. recipients the use of U.S. recipients of the report does not recommend to U.S. recipients the use of the 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 Daiva 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 <a href="https://daiwa3.bluematrix.com/sellside/Disclosures.action.">https://daiwa3.bluematrix.com/sellside/Disclosures.action.</a>

 $\frac{DCMA\ Market\ Making}{For\ "DCMA\ Market\ Making"}\ please\ visit\ BlueMatrix\ disclosure\ link\ at\ \underline{https://daiwa3.bluematrix.com/sellside/Disclosures.action.}$ 

### Research Analyst Conflicts

For updates on "Research Analyst Conflicts" please visit BlueMatrix disclosure link at <a href="https://daiwa3.bluematrix.com/sellside/Disclosures.action">https://daiwa3.bluematrix.com/sellside/Disclosures.action</a>. 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 <a href="https://daiwa3.bluematrix.com/sellside/Disclosures.action">https://daiwa3.bluematrix.com/sellside/Disclosures.action</a>. 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 analysts[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.

- "1": 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 underperform the local index by 5-15% over the next six months.
  "5": the security could underperform the local index by more than 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** (This Notification is only applicable where report is distributed by Daiwa Securities Capital Markets 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

- 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 a major to 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.
- 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 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 Capital Markets Co. Ltd.
Financial instruments firm: chief of Kanto Local Finance Bureau (Kin-sho) No.109

Japan Securities Dealers Association, Financial Futures Association of Japan Japan Securities Investment Advisers Association Memberships:

Type II Financial Instruments Firms Association