

Tuesday, 17 December 2013

Today's Top Calls | Country Top Call | Global Top Call | GEMs Top Call | Daily Changes Report | Pan Asia Research Round-Ups | Daily Research Summaries | Upcoming Events Equities_____ Asia

Today's Top Calls

Huishang Bank (3698.HK) — Initiate at Sell: Little Earnings Upside, Risk of De-rating

China, Hong Kong | Diversified Banks | Sell

TP HK\$3.30 – We initiate on Huishang Bank (HSB) at Sell with a TP of HK\$3.30, derived from a GGM-based fair multiple and adjusted 2014E BV. We see little upside risk to earnings, which are now helped by a sector low-end credit cost and cost/income ratio. Recent rapid expansion in the interbank business will likely face regulatory headwinds. Despite structurally strong loan demand in Anhui and HSB's unique deposit franchise, a high LDR would cap loan growth. High LGFV exposure is also a concern. We see de-rating risk and prefer CRCB to HSB. Paddy Ran | Simon Ho, CFA | Kaiwan Master

China Telecoms Sector — 2014 LTE Impact: Vendors Thrive; CM Not Aggressive in 4G Tariff and Handset Subsidy; CU Still Grows Fast

China | Telecommunications Operators, Telecommunications Infrastructure We prefer equipment vendors CCS and ZTE over telcos in the early stage of the LTE investment cycle. CU is our top pick among Chinese telcos with profitable mobile data growth, 30% earnings GAGR in 13-15E, and least exposure to LTE investment return risks. We reduce CM TP to HK\$98 (from HK\$101) as we expect more voice ARPU and earnings decline before FY15, but maintain Buy for its LTE opportunities. CM's LTE tariff discipline indicates competition is likely to be moderate. CT remains a Neutral.

Bin Liu

Asia Solar View — Construction Rush for Solar Farm Projects in China and Japan

China, Taiwan | Solar Power, Renewable Energy, Renewable Utilities Repeating history - China looks to be the next growth market for solar projects, following Spain (2008), Germany (2010), Italy (2011) and Japan (2013), as regulations become clearer, offering attractive return metrics. In this note we highlight recent project visits and different operating models for China solar projects. We expect the rise in global end-demand will help Chinese manufacturers to see steadier margins in 1H14. We re-iterate our Buys on GCL-Poly, OCI and Motech.

Timothy Lam | Pierre Lau, CFA | Jason Channell | Phuc Nguyen | Shahriar (Shar) Pourreza, CFA

Daily Changes Report

16 December 2013

Pan Asia Research Round-Ups

This Week at Citi – Pan Asia Citi's Most Read - Pan Asia In Focus Pan Asia

Daily Research Summaries

The Global Point The Globaliser

The Point for Australia/NZ The Point for CEEMEA The Point for Europe The Point for Japan AM The Point for Latin America The Point for North America

The Weekly Globaliser

Upcoming Events

Food for Thought Lunch: Haier Electronics – Discussion on strategic partnership with Alibaba 7 Jan in Hong Kong

HK and China Corporate Day (Theme: Top Picks) 2014 10 Jan in Hong Kong

Indonesia Consumer Corporate Day 2014 11 Feb in Hong Kong 12 Feb in Singapore

See Appendix A-1 for Analyst Certification, Important Disclosures and non-US research analyst disclosures.

Citi Research is a division of Citigroup Global Markets Inc. (the "Firm"), which does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the Firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

Chipbond Technology (6147.TWO) — Intensifying Competition, Price Discipline No Longer Applies

Taiwan | Semiconductors | Sell

Cut TP to NT\$40 from NT\$52 - We cut our 2014E/2015E earnings forecast by 20% and 18% on meaningful ASP erosion due to competition. Our new DCF based TP is equivalent to 10x of 2014E P/E and implies 13% share price downside. We believe that it's too early to bottom fish Chipbond's shares given 1) Intensifying competition, 2) On-going inventory correction; and 3) Upcoming seasonal low in 1Q14E. We maintain our Sell rating on Chipbond. Roland Shu

>> Back to the Top

Country Top Call

China Property — Central Economic Work Conference Sets Stable Policy Tone

China, Hong Kong | Real Estate/Property

We believe the CEWC's policy framework for the government in 2014 is positive for the property market. Unlike wordings like "unshaken implementation of tightening" in 2011/12, the new government only emphasized in the meeting to push forward with public housing schemes and shantytown renovation. Residential land supply in megacities is also pledged to be increased. Echoing President Xi's speech on 30 Oct, the new gov't thinking on social housing & supply has become more evident after the CEWC.

Oscar Choi | Marco Sze

Also: Asia ViewFinder; China Macro Flash; China Power Sector; Guangshen Railway (0525.HK); Home Thoughts; Macau Gaming; Mindray (MR); Weekly Asia Petrolizer

Coal India (COAL.BO) — Partial Price Hike; Higher Sizing/Loading Charges

India | Coal | Buy

CIL to benefit from higher prices, sizing/loading charges — CIL has raised coal prices for one of its subsidiaries and sizing/loading charges across subsidiaries w.e.f 17 Dec 2013. Higher prices/charges are likely to benefit PAT by ~5% (annualized) according to our calculations.

Raashi Chopra, CFA

Also: India Macro Flash; Tata Consultancy Services (TCS.BO)

Mando (060980.KS) — Halla E&C Selling 2.94% Stake in Mando

South Korea | Auto Parts & Equipment | Buy

Halla E&C, a major shareholder of Mando (20.23% stake as of Sep), disclosed to FSS that it would dispose of 529K shares (2.94% of outstanding shares). After the disposal, Halla E&C will have a 17.3% stake (or 25% combined with chairman Chung M.W.'s 7.71% stake) of Mando. Halla E&C expects W71.2bn of proceeds from the disposal (based on today's closing price at W134.5K), which the company plans to use for a) cW40bn for paying the bank loan and b) rest for further liquidity improvement.

Ethan Kim

St.Shine Optical (1565.TWO) — Downgrade to Neutral: The Best Case Scenario Priced-In

Taiwan | Medical Supplies & Technology | Neutral

We believe consensus has factored in the best case scenarios for 2014E and 2015E earnings outlook and we see little earnings upside potential to consensus' earnings over the next two years. The 23x 2014E P/E has priced-in Street's 20%

India Financials Day 2014

10 Feb in Goa (tour) 11 Feb in Mumbai

India Investor Conference 2014 12-14 Feb in Mumbai

Korea Investor Conference 2014 6-7 Mar in Seoul

Asean Investor Conference 2014

9-11 Jun site-visits 12-13 Jun in Singapore

Visit our conference website http://www.citiconferences.com for more information.

Note that all Citi Equities conferences are for institutional equities investors and BY INVITATION ONLY. Invitations are nontransferable.



China Property — Ghost Towns and Property Bubbles – A Trek for Reality



Many investors worry China's once sizzling-hot real estate sector is fast losing its luster. Conventional metrics hint of bubbles poised to burst, and strain is made tangible by the famed ghost towns. Over the past 2 months, we visited 30 cities, including 8 labeled as ghost towns by media, and retested our views on the ground. We believe the reality is a complex mix: yes, bubbles in certain geographies, predominantly 2013-15E earnings CAGR given 1.2x PEG ratio. Trading at historical high multiple with a decelerating earnings momentum, risk/reward profile no longer justifies a Buy call. We downgrade the stock to Neutral from Buy with a new target price of NT\$851 (from NT\$445), which is derived from our dividend discount model.

Timothy Chen | Peter Kurz | Jonathan Chow

Singapore Airlines (SIAL.SI) — November Passenger Traffic Declines on Difficult Comps

Singapore | Airlines | Sell

During November, SQ's mainline operation recorded a 0.4% YoY decline in Passenger RPKs (on a difficult year-ago comp), while capacity increased 0.7% YoY. Passenger load factors along the Americas & European routes improved 160bp and 70bp YoY respectively, but were more than offset by weaker performance across the other regions, leading to a 70bp deterioration YoY overall. Nov total passengers and cargo actually improved 0.7% and 1.8% YoY respectively, implying a shorter average length of haul.

Michael Beer

Indonesia Banks — Liquidity Tightening Monitor: BBNI Raises Saving Deposit Rates

Indonesia | Diversified Banks

Upward pressure on Deposit Rates in Dec — Our checks indicate that 1) BBNI has raised saving deposit rates and 2) time deposits (TD) are following the policy rate. BBNI is now offering 1) seven slabs based on deposit size (previously five) and 2) rates ranging from 0-2.75% (prev. 0-2.25%). Other large banks are maintaining their saving deposit rates while mid and small have introduced higher promotional rates. Sensitivity calculations show that 50bps change in Rp Saving rate ~ 4-5% of earnings.

Salman Ali, CFA

Wesfarmers Ltd (WES.AX) — Potential Sale of Insurance Highlights High PE Ratio

Australia | Retailing - Broadlines | Sell

Wesfarmers has agreed to sell its Insurance underwriting business for \$1,845 million. The implied PE ratio is 18x FY15e which is very similar to the company's trading PE. The deal is slightly EPS dilutive, in our view, and net proceeds should be closer to \$1,700 million. The key risk will likely be ACCC and NZCC approval because this deal consolidates the insurance market further. Regulatory approval will not be a formality. We maintain a Sell rating & leave our target price unchanged at \$34.60.

Craig Woolford

Also: Aurizon Holdings Limited (AZJ.AX); Big Ideas in Small Caps; Insurance Australia Group Ltd (IAG.AX); NEXTDC Ltd. (NXT.AX)

lida Group Holdings (3291) — FY3/14 guidance unveiled

Japan | Homebuilding | Buy

Following the December 16 market close, Iida Group Holdings announced its forecasts and DPS estimates for FY3/14. The much-awaited goodwill figure was announced at c¥204bn, with annual amortization of ¥10.2bn over a 20-year amortization period (but with ¥4.8bn in the initial period). The company's numbers tally with our projections, but are perhaps slightly lower than the market expected.

Shusuke Terada

Also: Cement; Hitachi (6501); Japan Macro Flash; LCD materials update; Premier Investment (8956); Primary oil distributors: Impact of weekly data; Silicon wafers; Sony (6758); Sumitomo Chemical

inland Tier 3/4 markets which will face painful and prolonged adjustments...but also cities with underlying resilience, where solutions are achievable and concerns overdone.

Oscar Choi | Marco Sze

(4005); Telecom Sector; Ube Industries (4208); Yaskawa Electric (6506)

>> Back to the Top

Global Top Call

2014 Global Political Outlook — All Over But The Shouting? Global

Systemic political risks will decline in 2014, but country-level and geopolitical risks remain significant. The coming year will feature a concentration of elections in the EM democracies that have experienced major protests over the past year. Also on the docket are US midterm and European Parliament elections. Early elections in Italy and Greece remain possible and may trigger the return of political risk to the eurozone. Mass protests in Ukraine and Thailand are a reminder of the continuing influence of *Vox Populi* risk. In total, the market impact of political risks could rise as QE wanes.

Tina M Fordham

Global Fertilizers — China's 2014 Fertilizer Export Policy

China, Norway, United States | Fertilizers & Agricultural Chemicals China's Ministry of Finance announced a more favorable fertilizer export policy for 2014. The most notable changes are the change of sliding scale tariff to fixed rate in off-peak season and significantly lower tariff during peak season for both urea and DAP. This reflects the government is less concerned about: 1) product availability during peak demand on domestic supply glut; and 2) surge in domestic price seems unlikely given weak international price.

Oscar Yee | P.J. Juvekar | Andrew Benson | Dominik Frauendienst

>> Back to the Top

GEMs Top Call

Avianca (AVH) — An Average Risk Profile; Share Price Well Below Fair Value

Colombia | Airlines | Buy

We are initiating coverage of Colombia's Avianca Airlines with a Buy rating and an US\$18.50/ADR target price. Avianca's operating synergies related to the rehubbing of Bogotá and San Salvador, along with growing air travel demand in markets such as Colombia, should drive earnings growth. A target adj. PEG ratio of 0.12x is undemanding.

Stephen Trent | Juliano Navarro

>> Back to the Top

Appendix A-1

Analyst Certification

The research analyst(s) primarily responsible for the preparation and content of this research report are named in bold text in the author block at the front of the product except for those sections where an analyst's name appears in bold alongside content which is attributable to that analyst. Each of these analyst(s) certify, with respect to the section(s) of the report for which they are responsible, that the views expressed therein accurately reflect their personal views about each issuer and security referenced and were prepared in an independent manner, including with respect to Citigroup Global Markets Inc and its affiliates. No part of the research analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) expressed by that research analyst in this report.

IMPORTANT DISCLOSURES

This product merely summarizes previously published research notes. To access the complete report along with the associated Analyst Certification, Important Disclosures and non-US research analyst disclosures please click on the hyperlink alongside or in the headline of each excerpt above.

Analysts' compensation is determined based upon activities and services intended to benefit the investor clients of Citigroup Global Markets Inc. and its affiliates ("the Firm"). Like all Firm employees, analysts receive compensation that is impacted by overall firm profitability which includes investment banking revenues.

For important disclosures (including copies of historical disclosures) regarding the companies that are the subject of this Citi Research product ("the Product"), please contact Citi Research, 388 Greenwich Street, 28th Floor, New York, NY, 10013, Attention: Legal/Compliance [E6WYB6412478]. In addition, the same important disclosures, with the exception of the Valuation and Risk assessments and historical disclosures, are contained on the Firm's disclosure website at https://www.citivelocity.com/cvr/eppublic/citi_research_disclosures. Valuation and Risk assessments can be found in the text of the most recent research note/report regarding the subject company. Historical disclosures (for up to the past three years) will be provided upon request.

Citi Research Equity Ratings Distribution

	12 Month Rating			Relative Rating		
Data current as of 30 Sep 2013	Buy	Hold	Sell	Buy	Hold	Sell
Citi Research Global Fundamental Coverage	48%	40%	12%	6%	87%	6%
% of companies in each rating category that are investment banking clients	55%	50%	43%	64%	51%	48%

Guide to Citi Research Fundamental Research Investment Ratings:

Citi Research stock recommendations include an investment rating and an optional risk rating to highlight high risk stocks.

Risk rating takes into account both price volatility and fundamental criteria. Stocks will either have no risk rating or a High risk rating assigned. Investment Ratings: Citi Research investment ratings are Buy, Neutral and Sell. Our ratings are a function of analyst expectations of expected total return ("ETR") and risk. ETR is the sum of the forecast price appreciation (or depreciation) plus the dividend yield for a stock within the next 12 months. The Investment rating definitions are: Buy (1) ETR of 15% or more or 25% or more for High risk stocks; and Sell (3) for negative ETR. Any covered stock not assigned a Buy or a Sell is a Neutral (2). For stocks rated Neutral (2), if an analyst believes that there are insufficient valuation drivers and/or investment catalysts to derive a positive or negative investment view, they may elect with the approval of Citi Research management not to assign a target price and, thus, not derive an ETR. Analysts may place covered stocks "Under Review" in response to exceptional circumstances (e.g. lack of information critical to the analyst's thesis) affecting the company and / or trading in the company's securities (e.g. trading suspension). As soon as practically possible, the analyst will publish a note re-establishing a rating and investment thesis. To satisfy regulatory reguirements, we correspond Under Review and Neutral to Hold in our ratings distribution table for our 12-month fundamental rating system. However, we reiterate that we do not consider Under Review to be a recommendation. Relative three-month ratings: Citi Research may also assign a three-month relative call (or rating) to a stock to highlight expected out-performance (most preferred) or under-performance (least preferred) versus the geographic and industry sector over a 3 month period. The relative call may highlight a specific near-term catalyst or event impacting the company or the market that is anticipated to have a short-term price impact on the equity securities of the company. Absent any specific catalyst the analyst(s) will indicate the most and least preferred stocks in the universe of stocks under consideration, explaining the basis for this short-term view. This three-month view may be different from and does not affect a stock's fundamental equity rating, which reflects a longer-term total absolute return expectation. For purposes of NASD/NYSE ratings-distribution-disclosure rules, most preferred calls correspond to a buy recommendation and least preferred calls correspond to a sell recommendation. Any stock not assigned to a most preferred or least preferred call is considered non-relative-rated (NRR). For purposes of NASD/NYSE ratings-distribution-disclosure rules we correspond NRR to Hold in our ratings distribution table for our 3-month relative rating system. However, we reiterate that we do not consider NRR to be a recommendation.

Prior to October 8, 2011, the firm's stock recommendation system included a risk rating and an investment rating. **Risk ratings**, which took into account both price volatility and fundamental criteria, were: Low (L), Medium (M), High (H), and Speculative (S). **Investment Ratings** of Buy, Hold and Sell were a function of the Citi Research expectation of total return (forecast price appreciation and dividend yield within the next 12 months) and risk rating. Additionally, analysts could have placed covered stocks "Under Review" in response to exceptional circumstances (e.g. lack of information critical to the analyst's thesis) affecting the company and/or trading in the company's securities (e.g. trading suspension). Stocks placed "Under Review" were monitored daily by management and as practically possible, the analyst published a note re-establishing a rating and investment thesis. For securities in developed markets (US, UK, Europe, Japan, and Australia/New Zealand), investment ratings were:Buy (1) (expected total return of 10% or more for Low-Risk stocks, 15% or more for Medium-Risk stocks, 20% or more for High-Risk stocks, and 35% or more for Speculative stocks); Hold (2) (0%-10% for Low-Risk stocks, 0%-15% for Medium-Risk stocks, 0%-20% for High-Risk stocks, and 0%-35% for Speculative stocks); and Sell (3) (negative total return). For securities in emerging markets (Asia Pacific, Emerging Europe/Middle East/Africa, and Latin America), investment ratings were:Buy (1) (expected total return of 15% or more for Low-Risk stocks, 20% or more for Medium-Risk stocks, 30% or more for High-Risk stocks, and 20%-40% for Speculative stocks); and Sell (3) (5% or less for Low-Risk stocks, 10%-20% for Medium-Risk stocks, 15% or less for High-Risk stocks, and 20% or less for Speculative stocks).

Investment ratings are determined by the ranges described above at the time of initiation of coverage, a change in investment and/or risk rating, or a change

in target price (subject to limited management discretion). At other times, the expected total returns may fall outside of these ranges because of market price movements and/or other short-term volatility or trading patterns. Such interim deviations from specified ranges will be permitted but will become subject to review by Research Management. Your decision to buy or sell a security should be based upon your personal investment objectives and should be made only after evaluating the stock's expected performance and risk.

OTHER DISCLOSURES

For securities recommended in the Product in which the Firm is not a market maker, the Firm is a liquidity provider in the issuers' financial instruments and may act as principal in connection with such transactions. The Firm is a regular issuer of traded financial instruments linked to securities that may have been recommended in the Product. The Firm regularly trades in the securities of the issuer(s) discussed in the Product. The Firm may engage in securities transactions in a manner inconsistent with the Product and, with respect to securities covered by the Product, will buy or sell from customers on a principal basis.

Securities recommended, offered, or sold by the Firm: (i) are not insured by the Federal Deposit Insurance Corporation; (ii) are not deposits or other obligations of any insured depository institution (including Citibank); and (iii) are subject to investment risks, including the possible loss of the principal amount invested. Although information has been obtained from and is based upon sources that the Firm believes to be reliable, we do not guarantee its accuracy and it may be incomplete and condensed. Note, however, that the Firm has taken all reasonable steps to determine the accuracy and completeness of the disclosures made in the Important Disclosures section of the Product. The Firm's research department has received assistance from the subject company(ies) referred to in this Product including, but not limited to, discussions with management of the subject company(ies). Firm policy prohibits research analysts from sending draft research to subject companies. However, it should be presumed that the author of the Product has had discussions with the subject company to ensure factual accuracy prior to publication. All opinions, projections and estimates constitute the judgment of the author as of the date of the Product and these, plus any other information contained in the Product, are subject to change without notice. Prices and availability of financial instruments also are subject to change without notice. Notwithstanding other departments within the Firm advising the companies discussed in this Product, information obtained in such role is not used in the preparation of the Product. Although Citi Research does not set a predetermined frequency for publication, if the Product is a fundamental research report, it is the intention of Citi Research to provide research coverage of the/those issuer(s) mentioned therein, including in response to news affecting this issuer, subject to applicable quiet periods and capacity constraints. The Product is for informational purposes only and is not intended as an of

Investing in non-U.S. securities, including ADRs, may entail certain risks. The securities of non-U.S. issuers may not be registered with, nor be subject to the reporting requirements of the U.S. Securities and Exchange Commission. There may be limited information available on foreign securities. Foreign companies are generally not subject to uniform audit and reporting standards, practices and requirements comparable to those in the U.S. Securities of some foreign companies may be less liquid and their prices more volatile than securities of comparable U.S. companies. In addition, exchange rate movements may have an adverse effect on the value of an investment in a foreign stock and its corresponding dividend payment for U.S. investors. Net dividends to ADR investors are estimated, using withholding tax rates conventions, deemed accurate, but investors are urged to consult their tax advisor for exact dividend computations. Investors who have received the Product from the Firm may be prohibited in certain states or other jurisdictions from purchasing securities mentioned in the Product from the Firm. Please ask your Financial Consultant for additional details. Citigroup Global Markets Inc. takes responsibility for the Product in the United States. Any orders by US investors resulting from the information contained in the Product may be placed only through Citigroup Global Markets Inc.

The Citigroup legal entity that takes responsibility for the production of the Product is the legal entity which the first named author is employed by. The Product is made available in Australia through Citi Global Markets Australia Pty Ltd. (ABN 64 003 114 832 and AFSL No. 240992), participant of the ASX Group and regulated by the Australian Securities & Investments Commission. Citigroup Centre, 2 Park Street, Sydney, NSW 2000. The Product is made available in Australia to Private Banking wholesale clients through Citigroup Pty Limited (ABN 88 004 325 080 and AFSL 238098). Citigroup Pty Limited provides all financial product advice to Australian Private Banking wholesale clients through bankers and relationship managers. If there is any doubt about the suitability of investments held in Citigroup Private Bank accounts, investors should contact the Citigroup Private Bank in Australia. Citigroup companies may compensate affiliates and their representatives for providing products and services to clients. The Product is made available in Brazil by Citigroup Global Markets Brasil - CCTVM SA, which is regulated by CVM - Comissão de Valores Mobiliários, BACEN - Brazilian Central Bank, APIMEC Associação dos Analistas e Profissionais de Investimento do Mercado de Capitais and ANBID - Associação Nacional dos Bancos de Investimento. Av. Paulista, 1111 - 11° andar - CEP. 01311920 - São Paulo - SP. If the Product is being made available in certain provinces of Canada by Citigroup Global Markets (Canada) Inc. ("CGM Canada"), CGM Canada has approved the Product. Citigroup Place, 123 Front Street West, Suite 1100, Toronto, Ontario M5J 2M3. This product is available in Chile through Banchile Corredores de Bolsa S.A., an indirect subsidiary of Citigroup Inc., which is regulated by the Superintendencia de Valores y Seguros. Aqustinas 975, piso 2, Santiago, Chile. The Product is made available in France by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. 1-5 Rue Paul Cézanne, 8ème, Paris, France. The Product is distributed in Germany by Citigroup Global Markets Deutschland AG ("CGMD"), which is regulated by Bundesanstalt fuer Finanzdienstleistungsaufsicht (BaFin). CGMD, Reuterweg 16, 60323 Frankfurt am Main. Research which relates to "securities" (as defined in the Securities and Futures Ordinance (Cap. 571 of the Laws of Hong Kong)) is issued in Hong Kong by, or on behalf of, Citigroup Global Markets Asia Limited which takes full responsibility for its content. Citigroup Global Markets Asia Ltd. is regulated by Hong Kong Securities and Futures Commission. If the Research is made available through Citibank, N.A., Hong Kong Branch, for its clients in Citi Private Bank, it is made available by Citibank N.A., Citibank Tower, Citibank Plaza, 3 Garden Road, Hong Kong. Citibank N.A. is regulated by the Hong Kong Monetary Authority. Please contact your Private Banker in Citibank N.A., Hong Kong, Branch if you have any queries on or any matters arising from or in connection with this document. The Product is made available in India by Citigroup Global Markets India Private Limited, which is regulated by Securities and Exchange Board of India. Bakhtawar, Nariman Point, Mumbai 400-021. The Product is made available in Indonesia through PT Citigroup Securities Indonesia. 5/F, Citibank Tower, Bapindo Plaza, JI. Jend. Sudirman Kav. 54-55, Jakarta 12190. Neither this Product nor any copy hereof may be distributed in Indonesia or to any Indonesian citizens wherever they are domiciled or to Indonesian residents except in compliance with applicable capital market laws and regulations. This Product is not an offer of securities in Indonesia. The securities referred to in this Product have not been registered with the Capital Market and Financial Institutions Supervisory Agency (BAPEPAM-LK) pursuant to relevant capital market laws and regulations, and may not be offered or sold within the territory of the Republic of Indonesia or to Indonesian citizens through a public offering or in circumstances which constitute an offer within the meaning of the Indonesian capital market laws and regulations. The Product is made available in Israel through Citibank NA, regulated by the Bank of Israel and the Israeli Securities Authority. Citibank, N.A, Platinum Building, 21 Ha'arba'ah St, Tel Aviv, Israel. The Product is made available in Italy by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. Via dei Mercanti, 12, Milan, 20121,

Italy. The Product is made available in Japan by Citigroup Global Markets Japan Inc. ("CGMJ"), which is regulated by Financial Services Agency, Securities and Exchange Surveillance Commission, Japan Securities Dealers Association, Tokyo Stock Exchange and Osaka Securities Exchange. Shin-Marunouchi Building, 1-5-1 Marunouchi, Chiyoda-ku, Tokyo 100-6520 Japan. If the Product was distributed by SMBC Nikko Securities Inc. it is being so distributed under license. In the event that an error is found in an CGMJ research report, a revised version will be posted on the Firm's Citi Velocity website. If you have questions regarding Citi Velocity, please call (81 3) 6270-3019 for help. The Product is made available in Korea by Citigroup Global Markets Korea Securities Ltd., which is regulated by the Financial Services Commission, the Financial Supervisory Service and the Korea Financial Investment Association (KOFIA). Citibank Building, 39 Da-dong, Jung-gu, Seoul 100-180, Korea. KOFIA makes available registration information of research analysts on its website. Please visit the following website if you wish to find KOFIA registration information on research analysts of Citigroup Global Markets Korea Securities Ltd. http://dis.kofia.or.kr/fs/dis2/fundMgr/DISFundMgrAnalystPop.jsp?companyCd2=A03030&pageDiv=02. The Product is made available in Korea by Citibank Korea Inc., which is regulated by the Financial Services Commission and the Financial Supervisory Service. Address is Citibank Building, 39 Da-dong, Jung-gu, Seoul 100-180, Korea. The Product is made available in Malaysia by Citigroup Global Markets Malaysia Sdn Bhd (Company No. 460819-D) ("CGMM") to its clients and CGMM takes responsibility for its contents. CGMM is regulated by the Securities Commission of Malaysia. Please contact CGMM at Level 43 Menara Citibank, 165 Jalan Ampang, 50450 Kuala Lumpur, Malaysia in respect of any matters arising from, or in connection with, the Product. The Product is made available in Mexico by Acciones y Valores Banamex, S.A. De C. V., Casa de Bolsa, Integrante del Grupo Financiero Banamex ("Accival") which is a wholly owned subsidiary of Citigroup Inc. and is regulated by Comision Nacional Bancaria y de Valores. Reforma 398, Col. Juarez, 06600 Mexico, D.F. In New Zealand the Product is made available to 'wholesale clients' only as defined by s5C(1) of the Financial Advisers Act 2008 ('FAA') through Citigroup Global Markets Australia Pty Ltd (ABN 64 003 114 832 and AFSL No. 240992), an overseas financial adviser as defined by the FAA, participant of the ASX Group and regulated by the Australian Securities & Investments Commission. Citigroup Centre, 2 Park Street, Sydney, NSW 2000. The Product is made available in Pakistan by Citibank N.A. Pakistan branch, which is regulated by the State Bank of Pakistan and Securities Exchange Commission, Pakistan. AWT Plaza, 1.1. Chundrigar Road, P.O. Box 4889, Karachi-74200. The Product is made available in the Philippines through Citicorp Financial Services and Insurance Brokerage Philippines, Inc., which is regulated by the Philippines Securities and Exchange Commission. 20th Floor Citibank Square Bldg. The Product is made available in the Philippines through Citibank NA Philippines branch, Citibank Tower, 8741 Paseo De Roxas, Makati City, Manila. Citibank NA Philippines NA is regulated by The Bangko Sentral ng Pilipinas. The Product is made available in Poland by Dom Maklerski Banku Handlowego SA an indirect subsidiary of Citigroup Inc., which is regulated by Komisja Nadzoru Finansowego. Dom Maklerski Banku Handlowego S.A. ul. Senatorska 16, 00-923 Warszawa. The Product is made available in the Russian Federation through ZAO Citibank, which is licensed to carry out banking activities in the Russian Federation in accordance with the general banking license issued by the Central Bank of the Russian Federation and brokerage activities in accordance with the license issued by the Federal Service for Financial Markets. Neither the Product nor any information contained in the Product shall be considered as advertising the securities mentioned in this report within the territory of the Russian Federation or outside the Russian Federation. The Product does not constitute an appraisal within the meaning of the Federal Law of the Russian Federation of 29 July 1998 No. 135-FZ (as amended) On Appraisal Activities in the Russian Federation. 8-10 Gasheka Street, 125047 Moscow. The Product is made available in Singapore through Citigroup Global Markets Singapore Pte. Ltd. ("CGMSPL"), a capital markets services license holder, and regulated by Monetary Authority of Singapore. Please contact CGMSPL at 8 Marina View, 21st Floor Asia Square Tower 1, Singapore 018960, in respect of any matters arising from, or in connection with, the analysis of this document. This report is intended for recipients who are accredited, expert and institutional investors as defined under the Securities and Futures Act (Cap. 289). The Product is made available by The Citigroup Private Bank in Singapore through Citibank, N.A., Singapore Branch, a licensed bank in Singapore that is regulated by Monetary Authority of Singapore. Please contact your Private Banker in Citibank N.A., Singapore Branch if you have any gueries on or any matters arising from or in connection with this document. This report is intended for recipients who are accredited, expert and institutional investors as defined under the Securities and Futures Act (Cap. 289). This report is distributed in Singapore by Citibank Singapore Ltd ("CSL") to selected Citigold/Citigold Private Clients. CSL provides no independent research or analysis of the substance or in preparation of this report. Please contact your Citigold//Citigold Private Client Relationship Manager in CSL if you have any queries on or any matters arising from or in connection with this report. This report is intended for recipients who are accredited investors as defined under the Securities and Futures Act (Cap. 289). Citigroup Global Markets (Pty) Ltd. is incorporated in the Republic of South Africa (company registration number 2000/025866/07) and its registered office is at 145 West Street, Sandton, 2196, Saxonwold. Citigroup Global Markets (Pty) Ltd. is regulated by JSE Securities Exchange South Africa, South African Reserve Bank and the Financial Services Board. The investments and services contained herein are not available to private customers in South Africa. The Product is made available in Spain by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. 29 Jose Ortega Y Gasset, 4th Floor, Madrid, 28006, Spain. The Product is made available in the Republic of China through Citigroup Global Markets Taiwan Securities Company Ltd. ("CGMTS"), 14 and 15F, No. 1, Songzhi Road, Taipei 110, Taiwan and/or through Citibank Securities (Taiwan) Company Limited ("CSTL"), 14 and 15F, No. 1, Songzhi Road, Taipei 110, Taiwan, subject to the respective license scope of each entity and the applicable laws and regulations in the Republic of China. CGMTS and CSTL are both regulated by the Securities and Futures Bureau of the Financial Supervisory Commission of Taiwan, the Republic of China. No portion of the Product may be reproduced or quoted in the Republic of China by the press or any third parties [without the written authorization of CGMTS and CSTL]. If the Product covers securities which are not allowed to be offered or traded in the Republic of China, neither the Product nor any information contained in the Product shall be considered as advertising the securities or making recommendation of the securities in the Republic of China. The Product is for informational purposes only and is not intended as an offer or solicitation for the purchase or sale of a security or financial products. Any decision to purchase securities or financial products mentioned in the Product must take into account existing public information on such security or the financial products or any registered prospectus. The Product is made available in Thailand through Citicorp Securities (Thailand) Ltd., which is regulated by the Securities and Exchange Commission of Thailand. 18/F, 22/F and 29/F, 82 North Sathorn Road, Silom, Bangrak, Bangkok 10500, Thailand. The Product is made available in Turkey through Citibank AS which is regulated by Capital Markets Board. Tekfen Tower, Eski Buyukdere Caddesi # 209 Kat 2B, 23294 Levent, Istanbul, Turkey. In the U.A.E, these materials (the "Materials") are communicated by Citigroup Global Markets Limited, DIFC branch ("CGML"), an entity registered in the Dubai International Financial Center ("DIFC") and licensed and regulated by the Dubai Financial Services Authority ("DFSA") to Professional Clients and Market Counterparties only and should not be relied upon or distributed to Retail Clients. A distribution of the different Citi Research ratings distribution, in percentage terms for Investments in each sector covered is made available on request. Financial products and/or services to which the Materials relate will only be made available to Professional Clients and Market Counterparties. The Product is made available in United Kingdom by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. This material may relate to investments or services of a person outside of the UK or to other matters which are not regulated by the FSA and further details as to where this may be the case are available upon request in respect of this material. Citigroup Centre, Canada Square, Canary Wharf, London, E14 5LB. The Product is made available in United States by Citigroup Global Markets Inc, which is a member of FINRA and registered with the US Securities and Exchange Commission. 388 Greenwich Street, New York, NY 10013. Unless specified to the contrary, within EU Member States, the Product is made available by Citigroup Global Markets Limited, which is regulated by Financial Services Authority. Pursuant to Comissão de Valores Mobiliários Rule 483, Citi is required to disclose whether a Citi related company or business has a commercial relationship

with the subject company. Considering that Citi operates multiple businesses in more than 100 countries around the world, it is likely that Citi has a commercial relationship with the subject company.

Many European regulators require that a firm must establish, implement and make available a policy for managing conflicts of interest arising as a result of publication or distribution of investment research. The policy applicable to Citi Research's Products can be found at

https://www.citivelocity.com/cvr/eppublic/citi_research_disclosures.

Compensation of equity research analysts is determined by equity research management and Citigroup's senior management and is not linked to specific transactions or recommendations.

The Product is not to be construed as providing investment services in any jurisdiction where the provision of such services would not be permitted. Subject to the nature and contents of the Product, the investments described therein are subject to fluctuations in price and/or value and investors may get back less than originally invested. Certain high-volatility investments can be subject to sudden and large falls in value that could equal or exceed the amount invested. Certain investments contained in the Product may have tax implications for private customers whereby levels and basis of taxation may be subject to change. If in doubt, investors should seek advice from a tax adviser. The Product does not purport to identify the nature of the specific market or other risks associated with a particular transaction. Advice in the Product is general and should not be construed as personal advice given it has been prepared without taking account of the objectives, financial situation or needs of any particular investor. Accordingly, investors should, before acting on the advice, consider the appropriateness of the advice, having regard to their objectives, financial situation and needs. Prior to acquiring any financial product, it is the client's responsibility to obtain the relevant offer document for the product and consider it before making a decision as to whether to purchase the product. Citi Research generally disseminates its research to the Firm's global institutional and retail clients via both proprietary (e.g., Citi Velocity and Citi Personal Wealth Management) and non-proprietary electronic distribution platforms. Certain research may be disseminated only via Citi's proprietary distribution platforms; however such research will not contain changes to earnings forecasts, target price, investment or risk rating or investment thesis or be otherwise inconsistent with the author's previously published research. Certain research is made available only to institutional investors to satisfy regulatory requireme

The level and types of services provided by Citi Research analysts to clients may vary depending on various factors such as the client's individual preferences as to the frequency and manner of receiving communications from analysts, the client's risk profile and investment focus and perspective (e.g. market-wide, sector specific, long term, short-term etc.), the size and scope of the overall client relationship with Citi and legal and regulatory constraints. Citi Research product may source data from dataCentral is a Citi Research proprietary database, which includes Citi estimates, data from company reports and feeds from Thomson Reuters.

© 2013 Citigroup Global Markets Inc. Citi Research is a division of Citigroup Global Markets Inc. Citi and Citi with Arc Design are trademarks and service marks of Citigroup Inc. and its affiliates and are used and registered throughout the world. All rights reserved. Any unauthorized use, duplication, redistribution or disclosure of this report (the "Product"), including, but not limited to, redistribution of the Product by electronic mail, posting of the Product on a website or page, and/or providing to a third party a link to the Product, is prohibited by law and will result in prosecution. The information contained in the Product is intended solely for the recipient and may not be further distributed by the recipient to any third party. Where included in this report, MSCI sourced information is the exclusive property of Morgan Stanley Capital International Inc. (MSCI). Without prior written permission of MSCI, this information and any other MSCI intellectual property may not be reproduced, redisseminated or used to create any financial products, including any indices. This information is provided on an "as is" basis. The user assumes the entire risk of any use made of this information. MSCI, its affiliates and any third party involved in, or related to, computing or compiling the information hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any of this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind. MSCI, Morgan Stanley Capital International and the MSCI indexes are services marks of MSCI and its affiliates. The Firm accepts no liability whatsoever for the actions of third parties. The Product may provide the addresses of, or contain hyperlinks to, websites. Except to the extent to which the Product refers to website material of the Firm, the Firm has not reviewed the linked site. Equally, except to the extent to which the Product refers to website material of the Firm, the Firm takes no responsibility for, and makes no representations or warranties whatsoever as to, the data and information contained therein. Such address or hyperlink (including addresses or hyperlinks to website material of the Firm) is provided solely for your convenience and information and the content of the linked site does not in anyway form part of this document. Accessing such website or following such link through the Product or the website of the Firm shall be at your own risk and the Firm shall have no liability arising out of, or in connection with, any such referenced website.

ADDITIONAL INFORMATION IS AVAILABLE UPON REQUEST