China Aoyuan Property Group Ltd.

Decent 1H15 results but leverage expected to remain elevated for FY15

Rating Change - Credit

Bank of America **Merrill Lynch**

13 August 2015

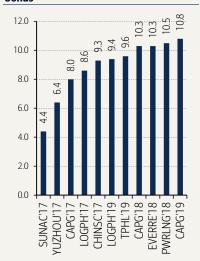
Global Emerging Markets | Corporate Credit Asia | China Real Estate/Property

Sunny Tam, CFA Research Analyst Merrill Lynch (Hong Kong) +852 3508 3446 sunny.tam@baml.com

Joyce Liang Research Analyst Merrill Lynch (Hong Kong) joyce.liang@baml.com

GEMS Corporate Credit Rsch MI PF&S +1 646 855 4096

Chart 1: YTW of selected B developer



Source: BofA Merrill Lynch Global Research

U/G CAPG'17 to OW-30%, maintain OW30% on CAPG18/19

We expect CAPG's credit ratings to be stable for the full year, but given the management's growth appetite, we would expect leverage of the company to remain elevated in FY15, the credit ratings should be stable, but upgrade potential is also limited in the near term (see Table 1). We upgrade CAPG'17 from UW30% to OW30%, as we see meaningful call probability in Nov'15, and it offers 8% YTC for just 3.5 months of risk, which offers RV vs other shorter dated callable paper like YUZUHOU'17/SUNAC'17. We maintain OW-30% on CAPG'18/19 which offers ~120bp pick-up over the other high beta B names like TPHL/LOGPH, valuation looks fair given its lower credit rating, but still presents good carry opportunities.

Meaningful call probability of the CAPG'17s?

The CAPG'17s will be callable in Nov'15 at 106.94. Although the cost savings might be very marginal if we assumed they issued another 3-yr bond at yield levels similar to the CAPG'18s (~10.4%) to fully refinance the 17s, but at the same time they have already secured even lower cost funding from the recent domestic bond issuance (5.8% coupon). Assuming all of their outstanding trust loans are repaid in 2H15 (c.RMB1.3bn), CAPG should still have around RMB1bn of proceeds left for calling the bonds, if they wanted to, so the size of incremental bond issuance, if any, should not be too big, and there should still be some cost savings (3-6pts depending on size of new issuance). Taking out the 13.875% coupon bond can also give them more rating headroom from an interest coverage perspective, which could be an added incentive to call.

No imminent credit ratings impact on RMB depreciation

Although CAPG has 50% of debt in foreign currencies, impact on RMB depreciation should have manageable impact on the company. Key credit rating threshold set by Moody's/S&P for CAPG is their interest coverage, ratio and CAPG still has ample headroom before it touches the downgrade thresholds (2.2x vs 1.5x trigger for Moody's, and 1.3x vs 1.0x trigger for S&P, using their respective calculation methodologies), CAPG's annualized cash interest for offshore USD/AUD debt is around RMB700m, even with a 10% RMB depreciation, it would only change the interest coverage ratio by less than 0.1x under both calculation methodologies. Furthermore, with the potential of refinancing some of the higher cost debt with the recent domestic bond proceeds, there should be even more headroom going forward.

Decent 1H15 results; watch out for more acquisitions in 2H

CAPG: 1H15 results showed strong YoY earnings growth, but slightly higher net gearing. No major surprises from the results itself. (1) Total debt rose 20% HoH to RMB13.8bn, largely explained by the issuance of US\$250m CAPG'18s and the US\$100m private bond placement to ABCI. Net debt rose RMB1.5bn or 27% HoH. (2) Cushioned by an 8% equity expansion, net gearing rose 11ppt to 73% while debt/cap rose 3ppt to 59%, still at relatively manageable levels for its rating. (3) EBITDA grew 54% YoY, with strong revenue growth (off a low base) more than compensating for the 1.2ppt gross margin compression. LTM Debt/EBITDA improved from 8.7x to 8.4x. Interest coverage also improved to 1.3x from 1.0x in FY14. (4) liquidity remains adequate with cash/ST debt improving to 1.6x from 1.3x at end-14. (5) CAPG's 1H15 contracted sales grew 18% YoY to RMB6.1bn, representing 45% of full year target. They look on track to meet its full year target of RMB13.5-RMB14bn.

BofA Merrill Lynch 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.

Refer to important disclosures on page 6 to 8. Analyst Certification on page 4.

11545817

Table 1: Credit rating threshold summary

thresholds		
	EBITDA/Intere	Debt/
	st	EBITDA
1H15	1.3x	8.4x
Upgrade	N/A	5.0x

S&P Credit

Downgrade

Moody's credit thresholds	Adjusted EBIT/Interest	Gross margin	Cash/S T debt
1H15	2.2x	29.4%	1.6x
Upgrade	2.5x	N/A	N/A
Downgrade	1 5v	23%-25%	1 Ov

1.0x

N/A

Source: S&P, Moody's, Company reportys, BofA Merrill Lynch Global Research

Balance sheet

CAPG's total debt rose 20% HoH to RMB13.8bn in 1H15, while net debt rose 27% HoH to RMB7.1bn, cushioned by 8% equity expansion, debt/cap rose 3ppt to 59% while net gearing rose from 62% at end-14 to 73% in 1H15 (1H14: 70%).

The increase in total debt was largely explained by the issuance of the US\$250m CAPG'18 at 10.875% and also a US\$100m private bond placement to ABCI at 9.25%.

Liquidity remains adequate, with cash/ST debt at 1.6x (FY13: 1.3x), and should have improved further post balance sheet date, after the issuance of the RMB2.4bn 3-year domestic bonds at 5.8%. Pro forma cash/ST debt would improve from 1.6x to 2.2x. Around 80% of the bond proceeds are planned for refinancing some higher cost debt (including onshore trust loans bearing 12-13% rates); hence the year-end gross debt should increase by a lesser amount

At end-Jun'15, debt maturing in two or more years accounted for 52% of total debt (2014: 43%), and trust loans were reduced by RMB350m to RMB1.45bn, and only accounted for 10% of total debt (FY14: 15%), this balance should be reduced further by year end when more of the trust loans are up for repayment.

Management expects total debt would continue to rise, given the intention to further grow its scale, but they have set a cap for net debt/ equity at below 80%, and have so far kept their promise.

Contracted sales and landbank

CAPG achieved RMB6.1bn contracted sales in 1H15, +18% YoY, driven by 54% YoY growth in GFA sold to 0.83mn sqm but offset by 23% YoY decline in ASP to RMB7,322/sqm. The lower ASP was mainly due to sales mix difference, with less commercial/retail properties being sold (32% in 1H15 vs 55% in 1H14).

For 2015, CAPG targets contracted sales growth of 10-15%, i.e. RMB13.4-RMB14bn. This is underpinned by RMB24.5bn of saleable resources, 45% of the full year target was already achieved in 1H15. We think the company looks on track to meet its full year sales target.

During 1H15, CAPG acquired 0.9mn sqm of land for a total consideration of around RMB2bn (attributable RMB1.4bn), representing around 20% of 1H15 contracted sales in value terms.

At end-Jun'15, CAPG had a total landbank of 12.8mn sqm spread across 51 projects in China and Australia. Around 48% of the land bank is located in Guangdong, its home base, and the balance outside of Guangdong. They have 1 project in Australia at the moment.

The company acquired a project in Sydney in March this year for A\$120m, and the project is ready for launch soon, with initial subscriptions of A\$150m; CAPG also arranged bank loans of A\$60m to fund the land purchase, and would draw down more loans according to its construction progress. Typical buyers put down a 10% upfront deposit for their purchases, and will pay the remaining balance upon project delivery in 2-2.5yrs. The cash flow cycle may not be as fast as China projects, but the initial equity investment for CAPG is not high either; management expects 28-29% gross margin for the project, based on the current market price. CAPG formed a 70%/30% with a local partner, which also reduces some execution risk.

Cash flow

CAPG recorded a net cash outflow of ~RMB1.5bn in 1H15, with total cash collection of RMB5.3bn and cash expenses of RMB6.9bn, including RMB3.6bn for construction, RMB1.8bn for land acquisitions (netted-out around RMB0.6bn contributions from JV) and RMB1.5bn in other expenses. Outstanding land premium as of end-Jun'15 stood at RMB1.3bn.

Table 2: CAPG cash flow summary

	1H15	2H15E	2015E	Remarks
Cash receipts	5.3	6.4	11.7	~88% cash collection rate in 1H15
Cash expenses				
Construction	-3.6	-3.3	-6.8	
Land	-1.8	-2.6	-4.4	Net out contributions from JV
Tax	-0.6	-0.7	-1.3	
SG&A	-0.3	-0.4	-0.7	
Interest	-0.5	-0.7	-1.2	
Dividends & others	-0.1	-0.3	-0.4	
Total cash expenses	-6.9	-7.9	-14.8	
Net cash inflow/(outflow)	-1.5	-1.5	-3.1	

Source: Company, BofA Merrill Lynch Global Research

For 2015, company has set a preliminary budget of RMB5bn for land acquisitions, but not all of the proceeds may need to be paid within the 2015, especially if they buy the land in 2H15. Based on our calculations, assuming the company meets their 10-15% sales growth target (RMB13.5-14bn), and achieves around 85-88% cash collection (similar to 1H15), pay RMB4.4bn in land premium this year (RMB5bn net out RMB0.6bn contributions from JV partners for projects acquired in 1H15), there could be a further RMB1.5bn net cash outflow in 2H15. However, if the company refrains from buying any land in 2H15, and just pays off the outstanding land premium of RMB1.3bn, the net cash outflow in 2H15 would only be RMB0.3bn, a very manageable amount. Actual net cash outflow should be somewhere between RMB0.3-RMB1.5bn, in our view.

Net gearing at Jun-15 is actually still lower than most of its peers, and we would not be surprised that CAPG would gear up a bit more in 2H15, given its appetite to grow bigger, but they still have the flexibility of keeping it below their promised 80% level.

Income statement

EBITDA rose 54% YoY in 1H15, with 48% YoY increase in revenue more than offsetting the 1.2ppt decline in gross margin. EBITDA margin actually improved marginally by 0.9ppt to 22.7% as SG&A increased at a slower pace than the revenue growth.

However, given the 20% HoH increase in gross debt level, LTM Debt/EBITDA only improved marginally from 8.7x to 8.4x and interest coverage improved to 1.3x from 1.0x in FY14.

FY14 recognized property sales revenues of RMB6.8bn has yet to fully reflect the 91% YoY increase in contracted sales in 2013 to RMB10bn and the further 22% sales growth to RMB12.2bn in 2014. The company delivered RMB3.9bn revenue in 1H15, with 0.34mn sqm of GFA delivered (+14% YoY); with more GFA delivery expected in 2H15 (1.2-1.4mn sqm for the full year), FY15 EBITDA is expected to grow meaningfully YoY even assuming some margin compression due to higher costs and price discounts and change in sales mix, though the magnitude may not be as strong as what we saw in 1H15; we believe 25%-35% EBITDA growth should be achievable, which should be roughly in-line with their increase in gross debt, hence debt/EBITDA ratios would remain elevated at 8.0x-8.7x, but there should not be any credit rating downgrade pressure. Interest coverage would be at around 1.2x-1.3x. (S&P downgrade threshold 1.0x).

Actually, under Moody's revised methodology, they would add the capitalized interest to their adjusted EBIT. On that basis, adjusted debt/EBIT would have increased improved from 5.2x in FY14 to 4.9x in 1H15 and adjusted EBIT/Interest ratio would have improved from 2.0x in FY14 to 2.2x in 1H15. For the full year FY15 adjusted debt/EBITDA should remain around 4.9x-5.2x and interest coverage would stay around 2.1x-2.2x based on our estimates. For CAPG, the key ratio that Moody's look at is interest coverage, Moody's have set their downgrade threshold at 1.5x and upgrade threshold at 2.5x; CAPG should comfortably maintain its current rating B3 bond rating.

Table 3: CAPG - key financial summary

(RMB mn)			
Income Statement (RMB mn)	1H14	1H15	YoY%
Turnover	2,658	3,935	48%
Gross Profit	812	1,156	42%
margin	30.5%	29.4%	
Selling and marketing costs	(100)	(101)	1%
Admin. Expenses	(143)	(178)	25%
Operating profits	569	877	54%
margin	21%	22%	
Other gains/ (losses)	16	78	385%
Fair value changes on investment properties	18	125	581%
Net financing costs	(35)	(59)	70%
Taxations	(249)	(465)	86%
Minorities	(10)	(17)	65%
Net profit	309	538	74%
EBITDA	580	895	54%
EBITDA margin	21.8%	22.7%	
Gross interest expenses	583	604	4%
Revenue and contracted sales dynamics	1H14	1H15	YoY%
Property development revenue (RMB bn)	2.6	3.8	49%
Recognized ASP (RMB/sqm)	8,595	11,217	31%
Recognized GFA (mn sqm)	0.30	0.34	14%
Contracted sales (RMB bn)	5.2	6.1	18%
Contracted ASP (RMB/sqm)	9,561	7,311	-24%
GFA sold (mn sqm)	0.5	8.0	54%
Balance sheet (RMB mn) and land bank (mn sqm)	End-Dec'14	End-Jun'15	HoH9
Cash	5,917	6,731	14%
Unrestricted cash	1,989	4,154	109%
Total debt	11,497	13,798	20%
Net debt	5,580	7,067	27%
Short term debt	4,464	4,091	-8%
Total equity (inc. MI)	9,034	9,740	8%
Total debt/cap(%)	56%	59%	5%
Net debt/ equity(%)	62%	73%	11%
Cash/ST debt (x)	1.3x	1.6x	
EBITDA/Interest Expenses	1.0x	1.3x	
Debt/EBITDA	8.7x	8.4x	
Total Land bank (mn sgm)	12.3	12.8x	

Source: Company reports, BofA Merrill Lynch Global Research

Analyst Certification

I, Sunny Tam, CFA, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

Special Disclosures

Some of the securities discussed herein should only be considered for inclusion in accounts qualified for high risk investment.

Security pricing

China Aoyuan Property Group Ltd. / CAPG

	Amt		Ratings	Next	call			YTW*	STW
Security		Maturity date	Moody's/S&P/Fitch	Call date	Call price	Price	Price date	(%)	(Govt+bps)
11.25, Senior, USD, 2019:B	300	17-JAN-2019	B3/B-/B+	17-Jan-2017	105.63	100.22	12-Aug-2015	11.16	1,001
13.875, Senior, USD, 2017:B	225	23-NOV-2017	B3/N.A./B+	23-Nov-2015	106.94	106.48	12-Aug-2015	10.58	978
10.875, Senior, USD, 2018:B	250	26-MAY-2018	N.A./B-/B+			100.50	12-Aug-2015	10.65	969

Prices are as of date indicated and are from various sources, including BofA Merrill Lynch Global Fixed Income Indices and BofA Merrill Lynch trading desks. CDS spreads are sourced from the Markit Group Limited. Prices are indicative and for information purposes only.

B=Bond; CS=Capital Security (Not including Equity Preferred); CDS=Credit Default Swap; EP=Equity Preferred

Disclosures

Important Disclosures

Opinion history

China Aoyuan Property Group Ltd. / CAPG

Security	Date^	Action	Recommendation
11.25, Senior, USD, 2019:B	11-Sep-2014	Initial	Overweight-30%
	15-Dec-2014	Downgrade	Underweight-30%
	26-Jan-2015	Upgrade	Overweight-30%
	01-May-2015	Downgrade	Underweight-30%
	05-Jun-2015	Upgrade	Overweight-30%
13.875, Senior, USD, 2017:B	11-Sep-2014	Initial	Overweight-30%
	15-Dec-2014	Downgrade	Underweight-30%
10.875, Senior, USD, 2018:B	05-Jun-2015	Initial	Overweight-30%

Table reflects credit opinion history as of previous business day's close. ^First date of recommendation within last 12 months. The BofA Merrill Lynch Credit Opinion key is contained below. B=Bond; CS=Capital Security (Not including Equity Preferred); CDS=Credit Default Swap

BofA Merrill Lynch Credit Opinion Key

The BofA Merrill Lynch Global Research Credit Opinion Key is designed to allow BofA Merrill Lynch Global Credit Research to provide recommendations on an issuer's bonds, capital securities, equity preferreds and CDS as described below. An issuer level recommendation may also be provided in respect of an issuer as explained below. BofA Merrill Lynch Global Research credit recommendations are assigned using a three-month time horizon.

Issuer Recommendations: If an issuer credit recommendation is provided, it is applicable to all bonds of the issuer except bonds specifically referenced in the report with a different credit recommendation. Where there is no issuer credit recommendation, only individual bonds with specific recommendations are covered.

Issuer credit recommendations do not cover equity preferreds or CDS related to the issuer. Issuer credit recommendations do not cover capital securities of the issuer unless a statement to that effect is provided in the relevant research report.

CDS Recommendations: CDS are recommended on an individual basis under the Credit Opinion Key. Issuer credit recommendations do not apply to CDS.

Capital Securities: Capital securities are recommended individually unless the research report specifically states that the issuer credit recommendation applies to such securities. In cases where the issuer credit recommendation applies to capital securities of the issuers, it is not applicable to capital securities that we classify as equity preferreds.

Equity Preferreds: Equity preferreds are recommended on an individual basis under the Credit Opinion Key. Issuer credit recommendations do not apply to equity preferreds.

Recommendation	Investor Action Points (Cash and/or CDS)	Primary Investment Return Driver
Overweight-100%	Up to 100% Overweight of investor's guidelines	Compelling spread tightening potential
Overweight-70%	Up to 70% Overweight of investor's guidelines	Carry, plus some spread tightening expected
Overweight-30%	Up to 30% Overweight of investor's guidelines	Good carry, but little spread tightening expected
Underweight-30%	Down to 30% Underweight of investor's guidelines	Unattractive carry, but spreads unlikely to widen
Underweight-70%	Down to 70% Underweight of investor's guidelines	Expected spread underperformance
Underweight-100%	Down to 100% Underweight of investor's guidelines	Material spread widening expected

Time horizon – our recommendations have a 3 month trade horizon

Credit Opinion History Tables for the securities referenced in this research report are available at http://pricecharts.baml.com, or call 1-800-MERRILL to have them mailed.

MLPF&S or an affiliate was a manager of a public offering of securities of this company within the last 12 months: China Aoyuan.

The company is or was, within the last 12 months, an investment banking client of MLPF&S and/or one or more of its affiliates: China Aoyuan.

MLPF&S or an affiliate has received compensation for investment banking services from this company within the past 12 months: China Aoyuan.

MLPF&S or an affiliate expects to receive or intends to seek compensation for investment banking services from this company or an affiliate of the company within the next three months: China Aoyuan.

BofA Merrill Lynch Research personnel (including the analyst(s) responsible for this report) receive compensation based upon, among other factors, the overall profitability of Bank of America Corporation, including profits derived from investment banking revenues.

BofA Merrill Lynch Global Credit Research analysts regularly interact with sales and trading desk personnel in connection with their research, including to ascertain pricing and liquidity in the fixed income markets.

^{*} For loans, YTW reflects yield to maturity.

Other Important Disclosures

This report may refer to fixed income securities that may not be offered or sold in one or more states or jurisdictions. Readers of this report are advised that any discussion, recommendation or other mention of such securities is not a solicitation or offer to transact in such securities. Investors should contact their BofA Merrill Lynch representative or Merrill Lynch Financial Global Wealth Management financial advisor for information relating to fixed income securities

Rule 144A securities may be offered or sold only to persons in the U.S. who are Qualified Institutional Buyers within the meaning of Rule 144A under the Securities Act of 1933, as amended. SECURITIES DISCUSSED HEREIN MAY BE RATED BELOW INVESTMENT GRADE AND SHOULD THEREFORE ONLY BE CONSIDERED FOR INCLUSION IN ACCOUNTS QUALIFIED FOR SPECULATIVE INVESTMENT.

Recipients who are not institutional investors or market professionals should seek the advice of their independent financial advisor before considering information in this report in connection with any investment decision, or for a necessary explanation of its contents.

The securities discussed in this report may be traded over-the-counter. Retail sales and/or distribution of this report may be made only in states where these securities are exempt from registration or have been qualified for sale.

Officers of MLPF&S or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments.

From time to time research analysts conduct site visits of covered companies. BofA Merrill Lynch policies prohibit research analysts from accepting payment or reimbursement for travel expenses from the company for such visits.

This report, and the securities discussed herein, may not be eligible for distribution or sale in all countries or to certain categories of investors.

Information relating to Affiliates of MLPF&S and Distribution of Affiliate Research Reports:

BofA Merrill Lynch includes Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S") and its affiliates. Investors should contact their BofA Merrill Lynch representative or Merrill Lynch Global Wealth Management financial advisor if they have questions concerning this report. "BofA Merrill Lynch" and "Merrill Lynch" are each global brands for BofA Merrill Lynch Global Research.

MLPF&S distributes, or may in the future distribute, research reports of the following non-US affiliates in the US (short name: legal name): Merrill Lynch (France): Merrill Lynch (Apital Markets (France) SAS; Merrill Lynch (Frankfurt): Merrill Lynch International Bank Ltd., Frankfurt Branch; Merrill Lynch (South Africa): Merrill Lynch South Africa (Pty) Ltd.; Merrill Lynch (Milan): Merrill Lynch International Bank Limited; MLI (UK): Merrill Lynch International; Merrill Lynch (Australia): Merrill Lynch Equities (Australia) Limited; Merrill Lynch (Hong Kong): Merrill Lynch (Asia Pacific) Limited; Merrill Lynch (Singapore): Merrill Lynch (Ganada): Merrill Lynch Canada Inc; Merrill Lynch (Mexico): Merrill Lynch Mexico, SA de CV, Casa de Bolsa; Merrill Lynch (Argentina): Merrill Lynch Argentina SA; Merrill Lynch (Japan): Merrill Lynch Japan Securities Co., Ltd.; Merrill Lynch (Seoul): Merrill Lynch International Incorporated (Seoul Branch); Merrill Lynch (Taiwan): Merrill Lynch (Indonesia): PT Merrill Lynch Indonesia; Merrill Lynch (India): DSP Merrill Lynch Lynch (India): DSP Merrill Lynch (India): DSP Merrill Lynch (Indonesia): PT Merrill Lynch (Indonesia): PT Merrill Lynch (Indonesia): Merrill Lynch (Indonesia): OOO Merrill Lynch (Securities, Moscow; Merrill Lynch (Turkey I.B.): Merrill Lynch Yatirim Bank A.S.; Merrill Lynch (Turkey Broker): Merrill Lynch Merrill Lynch (Dubai): Merrill Lynch (Indensia): Merrill Lynch (Spain): Merrill Lynch (Spain): Merrill Lynch (Brazil): Bank of America Merrill Lynch Banco Multiplo S.A.; Merrill Lynch KSA Company, Merrill Lynch Kingdom of Saudi Arabia Company.

This research report has been approved for publication and is distributed in the United Kingdom to professional clients and eligible counterparties (as each is defined in the rules of the Financial Conduct Authority and the Prudential Regulation Authority) by Merrill Lynch International and Bank of America Merrill Lynch International Limited, which are authorized by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority, and is distributed in the United Kingdom to retail clients (as defined in the rules of the Financial Conduct Authority and the Prudential Regulation Authority) by Merrill Lynch International Bank Limited, London Branch, which is authorised by the Central Bank of Ireland and subject to limited regulation by the Financial Conduct Authority and Prudential Regulation Authority - details about the extent of our regulation by the Financial Conduct Authority and Prudential Regulation Authority are available from us on request; has been considered and distributed in Japan by Merrill Lynch Japan Securities Co., Ltd., a registered securities dealer under the Financial Instruments and Exchange Act in Japan; is distributed in Hong Kong by Merrill Lynch (Asia Pacific) Limited, which is regulated by the Hong Kong SFC and the Hong Kong Monetary Authority is issued and distributed in Taiwan by Merrill Lynch Securities (Taiwan) Ltd.; is issued and distributed in India by DSP Merrill Lynch Limited; and is issued and distributed in Singapore to institutional investors and/or accredited investors (each as defined under the Financial Advisers Regulations) by Merrill Lynch International Bank Limited (Merchant Bank) and Merrill Lynch (Singapore) Pte Ltd. (Company Registration No.'s F 06872E and 198602883D respectively). Merrill Lynch International Bank Limited (Merchant Bank) and Merrill Lynch (Singapore) Pte Ltd. are regulated by the Monetary Authority of Singapore. Bank of America N.A., Australian Branch (ARBN 064 874 531), AFS License 412901 (BANA Australia) and Merrill Lynch Equities (Australia) Limited (ABN 65 006 276 795), AFS License 235132 (MLEA) distributes this report in Australia only to 'Wholesale' clients as defined by s.761G of the Corporations Act 2001. With the exception of BANA Australia, neither MLEA nor any of its affiliates involved in preparing this research report is an Authorised Deposit-Taking Institution under the Banking Act 1959 nor regulated by the Australian Prudential Regulation Authority. No approval is required for publication or distribution of this report in Brazil and its local distribution is made by Bank of America Merrill Lynch Banco Múltiplo S.A. in accordance with applicable regulations. Merrill Lynch (Dubai) is authorized and regulated by the Dubai Financial Services Authority (DFSA). Research reports prepared and issued by Merrill Lynch (Dubai) are prepared and issued in accordance with the requirements of the DFSA conduct of business rules.

Merrill Lynch (Frankfurt) distributes this report in Germany. Merrill Lynch (Frankfurt) is regulated by BaFin.

This research report has been prepared and issued by MLPF&S and/or one or more of its non-US affiliates. MLPF&S is the distributor of this research report in the US and accepts full responsibility for research reports of its non-US affiliates distributed to MLPF&S clients in the US. Any US person receiving this research report and wishing to effect any transaction in any security discussed in the report should do so through MLPF&S and not such foreign affiliates.

General Investment Related Disclosures:

Taiwan Readers: Neither the information nor any opinion expressed herein constitutes an offer or a solicitation of an offer to transact in any securities or other financial instrument. No part of this report may be used or reproduced or quoted in any manner whatsoever in Taiwan by the press or any other person without the express written consent of BofA Merrill Lynch.

This research report provides general information only. Neither the information nor any opinion expressed constitutes an offer or an invitation to make an offer, to buy or sell any securities or other financial instrument or any derivative related to such securities or instruments (e.g., options, futures, warrants, and contracts for differences). This report is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and the particular needs of any specific person. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this report and should understand that statements regarding future prospects may not be realized. Any decision to purchase or subscribe for securities in any offering must be based solely on existing public information on such security or the information in the prospectus or other offering document issued in connection with such offering, and not on this report.

Securities and other financial instruments discussed in this report, or recommended, offered or sold by Merrill Lynch, are not insured by the Federal Deposit Insurance Corporation and are not deposits or other obligations of any insured depository institution (including, Bank of America, N.A.). Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counterparty default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. In some cases, securities and other financial instruments may be difficult to value or sell and reliable information about the value or risks related to the security or financial instrument may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that price or value of such securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance. Levels and basis for taxation may change.

BofA Merrill Lynch is aware that the implementation of the ideas expressed in this report may depend upon an investor's ability to "short" securities or other financial instruments and that such action may be limited by regulations prohibiting or restricting "shortselling" in many jurisdictions. Investors are urged to seek advice regarding the applicability of such regulations prior to executing any short idea contained in this report.

This report may contain a trading idea or recommendation which highlights a specific identified near-term catalyst or event impacting a security, issuer, industry sector or the market generally that presents a transaction opportunity, but does not have any impact on the analyst's particular "Overweight" or "Underweight" rating (which is based on a three month trade horizon). Trading ideas and recommendations may differ directionally from the analyst's rating on a security or issuer because they reflect the impact of a near-term catalyst or event.

Certain investment strategies and financial instruments discussed herein may only be appropriate for consideration in accounts qualified for high risk investment.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned in this report. Investors in such securities and instruments effectively assume currency risk.

UK Readers: The protections provided by the U.K. regulatory regime, including the Financial Services Scheme, do not apply in general to business coordinated by BofA Merrill Lynch entities located outside of the United Kingdom. BofA Merrill Lynch Global Research policies relating to conflicts of interest are described at http://www.ml.com/media/43347.pdf.

Officers of MLPF&S or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments.

MLPF&S or one of its affiliates is a regular issuer of traded financial instruments linked to securities that may have been recommended in this report. MLPF&S or one of its affiliates may, at any time, hold a trading position (long or short) in the securities and financial instruments discussed in this report.

BofA Merrill Lynch, through business units other than BofA Merrill Lynch Global Research, may have issued and may in the future issue trading ideas or recommendations that are inconsistent with, and reach different conclusions from, the information presented in this report. Such ideas or recommendations reflect the different time frames, assumptions, views and analytical methods of the persons who prepared them, and BofA Merrill Lynch is under no obligation to ensure that such other trading ideas or recommendations are brought to the attention of any recipient of this report.

In the event that the recipient received this report pursuant to a contract between the recipient and MLPF&S for the provision of research services for a separate fee, and in connection therewith MLPF&S may be deemed to be acting as an investment adviser, such status relates, if at all, solely to the person with whom MLPF&S has contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing by MLPF&S). MLPF&S is and continues to act solely as a broker-dealer in connection with the execution of any transactions, including transactions in any securities mentioned in this report.

Copyright, User Agreement and other general information related to this report:

Copyright 2015 Merrill Lynch, Pierce, Fenner & Smith Incorporated. All rights reserved. This research report is prepared for the use of BofA Merrill Lynch clients and may not be redistributed, retransmitted or disclosed, in whole or in part, or in any form or manner, without the express written consent of BofA Merrill Lynch. BofA Merrill Lynch Global Research reports are distributed simultaneously to internal and client websites and other portals by BofA Merrill Lynch and are not publicly-available materials. Any unauthorized use or disclosure is prohibited. Receipt and review of this research report constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained in this report (including any investment recommendations, estimates or price targets) without first obtaining express permission from an authorized officer of BofA Merrill Lynch.

Materials prepared by BofA Merrill Lynch Global Research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of BofA Merrill Lynch, including investment banking personnel. BofA Merrill Lynch has established information barriers between BofA Merrill Lynch Global Research and certain business groups. As a result, BofA Merrill Lynch does not disclose certain client relationships with, or compensation received from, such companies in research reports. To the extent this report discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this report. BofA Merrill Lynch Global Research personnel's knowledge of legal proceedings in which any BofA Merrill Lynch entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving companies mentioned in this report is based on public information. Facts and views presented in this material that relate to any such proceedings have not been reviewed by, discussed with, and may not reflect information known to, professionals in other business areas of BofA Merrill Lynch in connection with the legal proceedings or matters relevant to such proceedings.

This report has been prepared independently of any issuer of securities mentioned herein and not in connection with any proposed offering of securities or as agent of any issuer of any securities. None of MLPF&S, any of its affiliates or their research analysts has any authority whatsoever to make any representation or warranty on behalf of the issuer(s). BofA Merrill Lynch Global Research policy prohibits research personnel from disclosing a recommendation, investment rating, or investment thesis for review by an issuer prior to the publication of a research report containing such rating, recommendation or investment thesis.

Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

The information herein (other than disclosure information relating to BofA Merrill Lynch and its affiliates) was obtained from various sources and we do not guarantee its accuracy. This report may contain links to third-party websites. BofA Merrill Lynch is not responsible for the content of any third-party website or any linked content contained in a third party website. Content contained on such third-party websites is not part of this report and is not incorporated by reference into this report. The inclusion of a link in this report does not imply any endorsement by or any affiliation with BofA Merrill Lynch. Access to any third-party website is at your own risk, and you should always review the terms and privacy policies at third-party websites before submitting any personal information to them. BofA Merrill Lynch is not responsible for such terms and privacy policies and expressly disclaims any liability for them.

All opinions, projections and estimates constitute the judgment of the author as of the date of the report and are subject to change without notice. Prices also are subject to change without notice. BofA Merrill Lynch is under no obligation to update this report and BofA Merrill Lynch's ability to publish research on the subject company(ies) in the future is subject to applicable quiet periods. You should therefore assume that BofA Merrill Lynch will not update any fact, circumstance or opinion contained in this report.

Certain outstanding reports may contain discussions and/or investment opinions relating to securities, financial instruments and/or issuers that are no longer current. Always refer to the most recent research report relating to a company or issuer prior to making an investment decision.

In some cases, a company or issuer may be classified as Restricted or may be Under Review or Extended Review. In each case, investors should consider any investment opinion relating to such company or issuer (or its security and/or financial instruments) to be suspended or withdrawn and should not rely on the analyses and investment opinion(s) pertaining to such issuer (or its securities and/or financial instruments) nor should the analyses or opinion(s) be considered a solicitation of any kind. Sales persons and financial advisors affiliated with MLPF&S or any of its affiliates may not solicit purchases of securities or financial instruments that are Restricted or Under Review and may only solicit securities under Extended Review in accordance with firm policies.

Neither BofA Merrill Lynch nor any officer or employee of BofA Merrill Lynch accepts any liability whatsoever for any direct, indirect or consequential damages or losses arising from any use of this report or its contents.