Deutsche Bank Markets Research

<mark>Asia</mark> China

HY Corporate Credit Real Estate

Company China Aoyuan Property Group Ltd



Date 22 August 2016

Karen Kwan, MBA

Research Analyst (+852) 2203 5930 karen.kwan@db.com

Good 1H16 results

Aoyuan's 1H16 results were good, with satisfactory EBITDA growth and stable leverage

Aoyuan's 1H16 results were good with 1H16 revenue up 65% YoY to RMB6.48bn and EBITDA up 36% YoY. Its GPM for 1H16 was 25.0%, lower than 2015's 27.6% and in-line with prior management guidance of about 25% for full year 2016. We attribute the lower YoY GPM in 1H partly to a lower portion of commercial and retail properties recognized (a segment that usually bears higher margins) and a lower portion of revenue booked from Guangzhou. We believe a GPM level of around 25% is sustainable going forward. In 1H16, its recognized ASP was RMB7,670/sq m, lower than 1H contract sales ASP of RMB8,184/sq m.

Our calculated total debt/EBITDA ratio for Aoyuan was roughly stable HoH at 9x. Aoyuan's net debt/total equity was 56% at end-June (65% if we adjust to include RMB1.29bn of Ioan from a non-controlling shareholder of a subsidiary as debt), vs. end-2015's 63%. Cash-to-short-term debt coverage was good at 2.5x at end-June. Off-shore debt represented 37% of total debt at end-June, and its FX debt exposure looks manageable to us. In 1H16, the company's average cost of borrowing dropped to about 8.4%, and management expects this to further decline in 2H. In 2017, there will be a USD300mn HY bond with a coupon of 11.25% that will be callable.

Landbanking and cashflow updates

Aoyuan acquired some good landbank in 1H, including a site in Pingshan, Shenzhen at decent land costs. After the acquisition of four commercial and residential projects in Ganzhou, Shenzhen, Chengdu, and Yulin in 1H (adding total GFA of 1.4mn sq m), Aoyuan's total landbank at end-June was 13.8mn sq m, which we see as sufficient for the next 4-5 years' development. In terms of cashflow, its cash collection ratio was good at 90%. Please refer to figure 1 for the company guided FY2016 cashflow. We expect the developer's end-2016 net debt/total equity to be around 70% or below.

Aoyuan's 6M16 contract sales aggregated to RMB10.5bn, up 74% YoY and locking in ~62% of its full year contract sales target. Management indicated at the results briefing that it still wants to de-stock in 2H16. Its Australia execution has been satisfactory, with One30 Hyde Park achieving contract sales of RMB1.5bn since first launch in August 2015; and its Maison 188 Maroubra project was just launched and management expects this project can fetch a GPM of around 25-27%.

Bond recommendation and risks

We maintain our Buy recommendation on CAPG 2018s (ask price: 110.625, YTM: 4.5%). Downside risks include unexpected change in policy and aggressive landbanking.

Key Charts/Tables

Figure 1: Aoyuan's guided full year 2016 cashflow	V
in RMB bn	2016
Cash inflow	15.8
Land acquisitions	-6.0
Construction costs	-7.0
Interest expenses	-1.5
SG&A	-1
Taxes	-1.4
Dividends	-0.27
Others	-0.5
Net operating	-1.9
cashflow	
Source: Company data, Deutsche Bank	

Figure 2: Aoyuan's end-June landbank breakdown by type (by GFA)						
Residential apts	Commercial	Inv properties	Auxiliary facilities	Low density residential		
63% Source: Company data, Deutsche Bank	27%	6%	3%	1%		

Figure 3: Aoyuan's financial summary

Company		Aoyuan (I	32/B/B+; B3/	B-/B+)	
Stock code					
Reporting period	FY14	FY15	1H14	1H15	1H16
Reporting currency	(RMBm)	(RMBm)	(RMBm)	(RMBm)	(RMBm)
Income statement					
Revenue	6,976	9,572	2,658	3,935	6,480
Gross profit	2,067	2,646	812	1,156	1,622
EBITDA	1,323	1,790	580	895	1,213
Gross interest	(1,276)	(1,393)	(583)	(604)	(853)
Net income	809	812	309	538	567
Cash Flows Statement					
FFO (Funds from operations)	(149)	n.a.	(130)	127	n.a.
Changes in working capital	(1,430)	n.a.	(942)	(1,916)	n.a.
Cash from operations	(1,645)	n.a.	(1,099)	(1,822)	n.a.
Balance Sheet					
Total cash	5,917	9,036	6,285	6,731	10,211
Restricted cash embedded in total cash	3,928	1,267	2,541	2,577	25
Inventory (completed properties held for sale)	4,468	-	4,691	n.a.	n.a.
Total assets	36,786	48,827	33,092	40,315	58,527
Short term debt	4,464	2,570	2,994	4,091	4,111
Net debt (incl. restricted cash)	5,580	7,262	5,338	7,067	8,077
Total equity	9,034	11,576	7,580	9,740	14,433
Total debt	11,497	16,298	11,623	13,798	18,289
KEY CREDIT METRICS					
Revenue growth	21.8%	37.2%	23.6%	48.0%	64.6%
EBITDA growth	17.8%	35.3%	9.7%	54.2%	35.6%
Gross margin	29.6%	27.6%	30.5%	29.4%	25.0%
EBITDA margin	19.0%	18.7%	21.8%	22.7%	18.7%
EBITDA interest coverage *	1.0x	1.3x	1.1x	1.3x	1.3x
Debt / EBITDA *	8.7x	9.1x	9.9x	8.4x	8.7x
Net debt / EBITDA *	4.2x	4.1x	4.5x	4.3x	3.8x
Total debt / Total capital	56.0%	58.5%	60.5%	58.6%	55.9%
Net debt / Equity (cash incl. restricted cash)	61.8%	62.7%	70.4%	72.6%	56.0%
Unrestricted cash / Short-term debt	44.6%	302.3%	125.0%	126.5%	247.8%
Total cash / (ST debt + 6-month COGS)	85.5%	149.8%	129.8%	98.0%	113.9%
Total cash / Short-term debt	132.6%	351.5%	209.9%	164.5%	248.4%

* Ratios are calculated based on trailing 12-month data. EBITDA figures are DB calculated numbers. Note: if we include loan from a non-controlling shareholder of a subsidiary of RMB1.29bn (in non-current liabilities) as of end-June, 2016 in our debt calculation, then the adjusted total debt figure would be RMB19.57bn and net debt/total equity would be 64.9% at end-June. The total debt/EBITDA ratio would be 9.3x, net debt/EBITDA would be 4.4x, and adjusted total debt/total capital would be 57.6% as of June-2016. Source: Company data, Deutsche Bank

Appendix 1

Important Disclosures

Additional information available upon request

Disclosure checklist				
Institution	Disclosure			
China Aoyuan Property Group Ltd				
CAPG 10.875% notes due 2018	1			
CAPG 6.525% notes due 2019	1			
CAPG 11.25% notes due 2019	1			

*Prices are current as of the end of the previous trading session unless otherwise indicated and are sourced from local exchanges via Reuters, Bloomberg and other vendors. Other information is sourced from Deutsche Bank, subject companies, and other sources. For disclosures pertaining to recommendations or estimates made on securities other than the primary subject of this research, please see the most recently published company report or visit our global disclosure look-up page on our website at http://gm.db.com/ger/disclosure/Disclosure/Directory.eqsr.

Important Disclosures Required by U.S. Regulators

Disclosures marked with an asterisk may also be required by at least one jurisdiction in addition to the United States. See Important Disclosures Required by Non-US Regulators and Explanatory Notes.

1. Within the past year, Deutsche Bank and/or its affiliate(s) has managed or co-managed a public or private offering for this company, for which it received fees.

Important Disclosures Required by Non-U.S. Regulators

Please also refer to disclosures in the Important Disclosures Required by US Regulators and the Explanatory Notes.

1. Within the past year, Deutsche Bank and/or its affiliate(s) has managed or co-managed a public or private offering for this company, for which it received fees.

For disclosures pertaining to recommendations or estimates made on a security mentioned in this report, please see the most recently published company report or visit our global disclosure look-up page on our website at http://gm.db.com/ger/disclosure/Disclosure/DisclosureDirectory.eqsr

Analyst Certification

The views expressed in this report accurately reflect the personal views of the undersigned lead analyst(s) about the subject issuer and the securities of the issuer. In addition, the undersigned lead analyst(s) has not and will not receive any compensation for providing a specific recommendation or view in this report. Karen Kwan



CreditBuy ("C-B"): The total return of the Reference Credit Instrument (bond or CDS) is expected to outperform the credit spread of bonds / CDS of other issuers operating in similar sectors or rating categories over the next six months.

CreditHold ("C-H"): The credit spread of the Reference Credit Instrument (bond or CDS) is expected to perform in line with the credit spread of bonds / CDS of other issuers operating in similar sectors or rating categories over the next six months.

CreditSell ("C-S"): The credit spread of the Reference Credit Instrument (bond or CDS) is expected to underperform the credit spread of bonds / CDS of other issuers operating in similar sectors or rating categories over the next six months.

CreditNoRec ("C-NR"): We have not assigned a recommendation to this issuer. Any references to valuation are based on an issuer's credit rating.

Reference Credit Instrument ("RCI"): The Reference Credit Instrument for each issuer is selected by the analyst as the most appropriate valuation benchmark (whether bonds or Credit Default Swaps) and is detailed in this report. Recommendations on other credit instruments of an issuer may differ from the recommendation on the Reference Credit Instrument based on an assessment of value relative to the Reference Credit Instrument which might take into account other factors such as differing covenant language, coupon steps, liquidity and maturity. The Reference Credit Instrument is subject to change, at the discretion of the analyst.

DB Credit Opinion Definition : The DB Credit Opinion follows the same scale as S & P's credit ratings ranging from AAA for the Highest credit quality to C for the Weakest credit quality. It reflects our opinion on the creditworthiness of a company. We derive our Credit Opinion from fundamental credit analysis of the company, comparable analysis, benchmarking against rating agencies and qualitative judgement.

Regulatory Disclosures

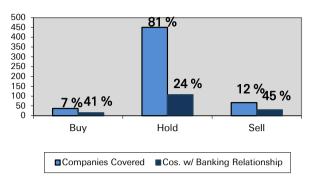
1.Important Additional Conflict Disclosures

Aside from within this report, important conflict disclosures can also be found at https://gm.db.com/equities under the "Disclosures Lookup" and "Legal" tabs. Investors are strongly encouraged to review this information before investing.

2.Short-Term Trade Ideas

Deutsche Bank equity research analysts sometimes have shorter-term trade ideas (known as SOLAR ideas) that are consistent or inconsistent with Deutsche Bank's existing longer term ratings. These trade ideas can be found at the SOLAR link at <u>http://gm.db.com</u>.





Asia-Pacific Universe



Additional Information

The information and opinions in this report were prepared by Deutsche Bank AG or one of its affiliates (collectively "Deutsche Bank"). Though the information herein is believed to be reliable and has been obtained from public sources believed to be reliable, Deutsche Bank makes no representation as to its accuracy or completeness.

If you use the services of Deutsche Bank in connection with a purchase or sale of a security that is discussed in this report, or is included or discussed in another communication (oral or written) from a Deutsche Bank analyst, Deutsche Bank may act as principal for its own account or as agent for another person.

Deutsche Bank may consider this report in deciding to trade as principal. It may also engage in transactions, for its own account or with customers, in a manner inconsistent with the views taken in this research report. Others within Deutsche Bank, including strategists, sales staff and other analysts, may take views that are inconsistent with those taken in this research report. Deutsche Bank issues a variety of research products, including fundamental analysis, equity-linked analysis, quantitative analysis and trade ideas. Recommendations contained in one type of communication may differ from recommendations contained in others, whether as a result of differing time horizons, methodologies or otherwise. Deutsche Bank and/or its affiliates may also be holding debt or equity securities of the issuers it writes on. Analysts are paid in part based on the profitability of Deutsche Bank AG and its affiliates, which includes investment banking revenues.

Opinions, estimates and projections constitute the current judgment of the author as of the date of this report. They do not necessarily reflect the opinions of Deutsche Bank and are subject to change without notice. Deutsche Bank research analysts sometimes have shorter-term trade ideas that are consistent or inconsistent with Deutsche Bank's existing longer term ratings. These trade ideas for equities can be found at the SOLAR link at http://gm.db.com. A SOLAR idea represents a high conviction belief by an analyst that a stock will outperform or underperform the market and/or sector delineated over a time frame of no less than two weeks. In addition to SOLAR ideas, the analysts named in this report may have from time to time discussed with our clients, including Deutsche Bank salespersons and traders, or may discuss in this report or elsewhere, trading strategies or ideas that reference catalysts or events that may have a nearterm or medium-term impact on the market price of the securities discussed in this report, which impact may be directionally counter to the analysts' current 12-month view of total return as described herein. Deutsche Bank has no obligation to update, modify or amend this report or to otherwise notify a recipient thereof if any opinion, forecast or estimate contained herein changes or subsequently becomes inaccurate. Coverage and the frequency of changes in market conditions and in both general and company specific economic prospects makes it difficult to update research at defined intervals. Updates are at the sole discretion of the coverage analyst concerned or of the Research Department Management and as such the majority of reports are published at irregular intervals. This report is provided for informational purposes only. It is not an offer or a solicitation of an offer to buy or sell any financial instruments or to participate in any particular trading strategy. Target prices are inherently imprecise and a product of the analyst's judgment. The financial instruments discussed in this report may not be suitable for all investors and investors must make their own informed investment decisions. Prices and availability of financial instruments are subject to change without notice and investment transactions can lead to losses as a result of price fluctuations and other factors. If a financial instrument is denominated in a currency other than an investor's currency, a change in exchange rates may adversely affect the investment. Past performance is not necessarily indicative of future results. Unless otherwise indicated, prices are current as of the end of the previous trading session, and are sourced from local exchanges via Reuters, Bloomberg and other vendors. Data is sourced from Deutsche Bank, subject companies, and in some cases, other parties.

The Deutsche Bank Research Department is independent of other business areas divisions of the Bank. Details regarding our organizational arrangements and information barriers we have to prevent and avoid conflicts of interest with respect to our research is available on our website under Disclaimer found on the Legal tab.

Macroeconomic fluctuations often account for most of the risks associated with exposures to instruments that promise to pay fixed or variable interest rates. For an investor who is long fixed rate instruments (thus receiving these cash flows), increases in interest rates naturally lift the discount factors applied to the expected cash flows and thus cause a loss. The longer the maturity of a certain cash flow and the higher the move in the discount factor, the higher will be the loss. Upside surprises in inflation, fiscal funding needs, and FX depreciation rates are among the most common adverse macroeconomic shocks to receivers. But counterparty exposure, issuer creditworthiness, client segmentation, regulation (including changes in assets holding limits for different types of investors), changes in tax policies, currency convertibility (which may constrain currency conversion, repatriation of profits and/or the liquidation of positions), and settlement issues related to local clearing houses are also important risk factors to be considered. The sensitivity of fixed income instruments to macroeconomic shocks may be mitigated by indexing the contracted cash flows to inflation, to FX depreciation, or to specified interest rates - these are common in emerging markets. It is important to note that the index fixings may -- by construction -- lag or mis-measure the actual move in the underlying variables they are intended to track. The choice of the proper fixing (or metric) is particularly important in swaps markets, where floating coupon rates (i.e., coupons indexed to a typically short-dated interest rate reference index) are exchanged for fixed coupons. It is also important to acknowledge that funding in a currency that differs from the currency in which coupons are denominated carries FX risk. Naturally, options on swaps (swaptions) also bear the risks typical to options in addition to the risks related to rates movements.

Derivative transactions involve numerous risks including, among others, market, counterparty default and illiquidity risk. The appropriateness or otherwise of these products for use by investors is dependent on the investors' own circumstances including their tax position, their regulatory environment and the nature of their other assets and liabilities, and as such, investors should take expert legal and financial advice before entering into any transaction similar to or inspired by the contents of this publication. The risk of loss in futures trading and options, foreign or domestic, can be substantial. As a result of the high degree of leverage obtainable in futures and options trading, losses may be incurred that are greater than the amount of funds initially deposited. Trading in options involves risk and is not suitable for all investors. Prior to buying or selling an option investors must review the "Characteristics and Risks of Standardized Options", at http://www.optionsclearing.com/about/publications/character-risks.jsp. If you are unable to access the website please contact your Deutsche Bank representative for a copy of this important document.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Unless governing law provides otherwise, all transactions should be executed through the Deutsche Bank entity in the investor's home jurisdiction.

United States: Approved and/or distributed by Deutsche Bank Securities Incorporated, a member of FINRA, NFA and SIPC. Analysts employed by non-US affiliates may not be associated persons of Deutsche Bank Securities Incorporated and therefore not subject to FINRA regulations concerning communications with subject companies, public appearances and securities held by analysts.

Germany: Approved and/or distributed by Deutsche Bank AG, a joint stock corporation with limited liability incorporated in the Federal Republic of Germany with its principal office in Frankfurt am Main. Deutsche Bank AG is authorized under German Banking Law and is subject to supervision by the European Central Bank and by BaFin, Germany's Federal Financial Supervisory Authority.

United Kingdom: Approved and/or distributed by Deutsche Bank AG acting through its London Branch at Winchester House, 1 Great Winchester Street, London EC2N 2DB. Deutsche Bank AG in the United Kingdom is authorised by the Prudential Regulation Authority and is subject to limited regulation by the Prudential Regulation Authority and Financial Conduct Authority. Details about the extent of our authorisation and regulation are available on request.

Hong	Kona.	Distributed	by	Deutsche	Bank	AG	Hong	Kona	Branch
nong	Rong.	Distributed	Dy	Deutsche	Dank	AU,	nong	Rong	Dranen.

India: Prepared by Deutsche Equities India Pvt Ltd, which is registered by the Securities and Exchange Board of India (SEBI) as a stock broker. Research Analyst SEBI Registration Number is INH000001741. DEIPL may have received

administrative warnings from the SEBI for breaches of Indian regulations.

Japan: Approved and/or distributed by Deutsche Securities Inc.(DSI). Registration number - Registered as a financial instruments dealer by the Head of the Kanto Local Finance Bureau (Kinsho) No. 117. Member of associations: JSDA, Type II Financial Instruments Firms Association and The Financial Futures Association of Japan. Commissions and risks involved in stock transactions - for stock transactions, we charge stock commissions and consumption tax by multiplying the transaction amount by the commission rate agreed with each customer. Stock transactions can lead to losses as a result of share price fluctuations and other factors. Transactions in foreign stocks can lead to additional losses stemming from foreign exchange fluctuations. We may also charge commissions and fees for certain categories of investment advice, products and services. Recommended investment strategies, products and services carry the risk of losses to principal and other losses as a result of changes in market and/or economic trends, and/or fluctuations in market value. Before deciding on the purchase of financial products and/or services, customers should carefully read the relevant disclosures, prospectuses and other documentation. "Moody's", "Standard & Poor's", and "Fitch" mentioned in this report are not registered credit rating agencies in Japan unless Japan or "Nippon" is specifically designated in the name of the entity. Reports on Japanese listed companies not written by analysts of DSI are written by Deutsche Bank Group's analysts with the coverage companies specified by DSI. Some of the foreign securities stated on this report are not disclosed according to the Financial Instruments and Exchange Law of Japan.

Korea: Distributed by Deutsche Securities Korea Co.

South Africa: Deutsche Bank AG Johannesburg is incorporated in the Federal Republic of Germany (Branch Register
NumberNumberinSouthAfrica:1998/003298/10).

Singapore: by Deutsche Bank AG, Singapore Branch or Deutsche Securities Asia Limited, Singapore Branch (One Raffles Quay #18-00 South Tower Singapore 048583, +65 6423 8001), which may be contacted in respect of any matters arising from, or in connection with, this report. Where this report is issued or promulgated in Singapore to a person who is not an accredited investor, expert investor or institutional investor (as defined in the applicable Singapore laws and regulations), they accept legal responsibility to such person for its contents.

Taiwan: Information on securities/investments that trade in Taiwan is for your reference only. Readers should independently evaluate investment risks and are solely responsible for their investment decisions. Deutsche Bank research may not be distributed to the Taiwan public media or quoted or used by the Taiwan public media without written consent. Information on securities/instruments that do not trade in Taiwan is for informational purposes only and is not to be construed as a recommendation to trade in such securities/instruments. Deutsche Securities Asia Limited, Taipei Branch may not execute transactions for clients these securities/instruments. in

Qatar: Deutsche Bank AG in the Qatar Financial Centre (registered no. 00032) is regulated by the Qatar Financial Centre Regulatory Authority. Deutsche Bank AG - QFC Branch may only undertake the financial services activities that fall within the scope of its existing QFCRA license. Principal place of business in the QFC: Qatar Financial Centre, Tower, West Bay, Level 5, PO Box 14928, Doha, Qatar. This information has been distributed by Deutsche Bank AG. Related financial products or services are only available to Business Customers, as defined by the Qatar Financial Centre Regulatory Authority.

Russia: This information, interpretation and opinions submitted herein are not in the context of, and do not constitute, any appraisal or evaluation activity requiring a license in the Russian Federation.

Kingdom of Saudi Arabia: Deutsche Securities Saudi Arabia LLC Company, (registered no. 07073-37) is regulated by the Capital Market Authority. Deutsche Securities Saudi Arabia may only undertake the financial services activities that fall within the scope of its existing CMA license. Principal place of business in Saudi Arabia: King Fahad Road, Al Olaya District, P.O. Box 301809, Faisaliah Tower 17th Floor, 11372 -Rivadh, Saudi Arabia.

United Arab Emirates: Deutsche Bank AG in the Dubai International Financial Centre (registered no. 00045) is regulated by the Dubai Financial Services Authority. Deutsche Bank AG - DIFC Branch may only undertake the financial services activities that fall within the scope of its existing DFSA license. Principal place of business in the DIFC: Dubai International Financial Centre, The Gate Village, Building 5, PO Box 504902, Dubai, U.A.E. This information has been



distributed by Deutsche Bank AG. Related financial products or services are only available to Professional Clients, as defined by the Dubai Financial Services Authority.

Australia: Retail clients should obtain a copy of a Product Disclosure Statement (PDS) relating to any financial product referred to in this report and consider the PDS before making any decision about whether to acquire the product. Please refer to Australian specific research disclosures and related information at https://australia.db.com/australia/content/research-information.html

Australia and New Zealand: This research, and any access to it, is intended only for "wholesale clients" within the meaning of the Australian Corporations Act and New Zealand Financial Advisors Act respectively.

Additional information relative to securities, other financial products or issuers discussed in this report is available upon request. This report may not be reproduced, distributed or published without Deutsche Bank's prior written consent. Copyright © 2016 Deutsche Bank AG



David Folkerts-Landau

Group Chief Economist and Global Head of Research

Raj Hindocha Global Chief Operating Officer Research

Anthony Klarman Global Head of Debt Research Michael Spencer Head of APAC Research Global Head of Economics

> Dave Clark Head of APAC Equity Research

Global Head of Equity Research Pam Finelli Global Head of

Steve Pollard

Head of Americas Research

Andreas Neubauer Head of Research - Germany

Paul Reynolds

Head of EMEA

Equity Research

Stuart Kirk Head of Thematic Research

esearch Equity Derivatives Research

International Locations

Deutsche Bank AG Deutsche Bank Place Level 16 Corner of Hunter & Phillip Streets Sydney, NSW 2000 Australia Tel: (61) 2 8258 1234

Deutsche Bank AG London 1 Great Winchester Street

London EC2N 2EQ United Kingdom Tel: (44) 20 7545 8000 Deutsche Bank AG Große Gallusstraße 10-14 60272 Frankfurt am Main Germany Tel: (49) 69 910 00

Deutsche Bank Securities Inc.

United States of America

Tel: (1) 212 250 2500

60 Wall Street New York, NY 10005 International Commerce Centre, 1 Austin Road West,Kowloon, Hong Kong Tel: (852) 2203 8888

Deutsche Bank AG

Filiale Hongkong

Deutsche Securities Inc. 2-11-1 Nagatacho Sanno Park Tower Chiyoda-ku, Tokyo 100-6171 Japan Tel: (81) 3 5156 6770