



Asia  
China

HY Corporate Credit  
Real Estate

Company  
**China Aoyuan  
Property Group Ltd**

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## Good yield pick-up against peers

### Initiate on CAPG'18 and CAPG'19C17 with CreditBuy

We initiate on CAPG'18 and CAPG'19C17 with CreditBuy given attractive yield pick-up against peers in the B-space and on CAPG'17C with CreditHold given higher dollar price. Versus small-/mid-cap Guangdong-based developers Times and Logan, Aoyuan's credit metrics look weaker but we believe that is more than priced in. Furthermore, Aoyuan also enjoys an improvement in debt maturity profile extension and it is lowering its costs of borrowing. CAPG'19C17 offers a mid-YTM of 10.98%, offering a yield spread of ~114bp pick-up against TPHL'19C17, ~120bp pick-up against LOGPH'19C17, and ~219bp pick-up against YUZHOU'19C17. We see good relative value from CAPG despite the CAPG curve has rebounded from their lows in early July due to A-share market dip and Greece uncertainties. Downside risks to our call include: weaker-than-expected Guangdong property market, much more aggressive land acquisitions than expected, sharp decline in margins and severe RMB depreciation. Upside risks include better improvement in credit metrics, higher margins and better contract sales.

### Track record is good in Guangdong but mixed outside of its homebase

Aoyuan's home base is Guangdong and its execution in its homebase is good, with a solid understanding of local buyers' preference and an established brand name. Last year, 50% of its contract sales stemmed from Guangzhou and 17% from Guangdong ex-Guangzhou. However, outside of Guangdong, its execution is quite mixed – for instance, margins and asset churn in Shenyang, Zhuzhou and Guangxi need improvement, in our view. In 7M15, Aoyuan achieved RMB7.09bn of contract sales, up 18% YoY and locking in 51-53% of its guided range of 2015 contract sales of RMB13.5-14.0bn. We estimated a 40%:60% split between 1H:2H for saleable resources. Press news showed its Sydney project which we view as well-located would officially launch soon.

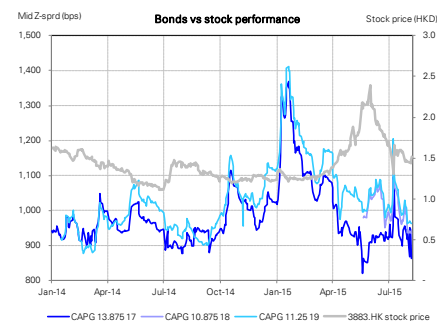
### Increased access to diversified funding

Over the past 12 months, we have seen an improvement in Aoyuan's access to diversified funding, including a sale of a Panyu project stake to Huaxin Insurance, obtaining an AUD loan from Commonwealth Bank of Australia at <5% for its 130 Elizabeth Street project in Sydney with project partner Ecove, and executing RMB2.4bn on-shore 3-year corporate bond at 5.8%. The company lowered its average cost of financing from 2014's 10.2% to 9.9% in 1H15. We expect further lowering of costs with less high-cost trust loans.

### What Aoyuan needs to achieve

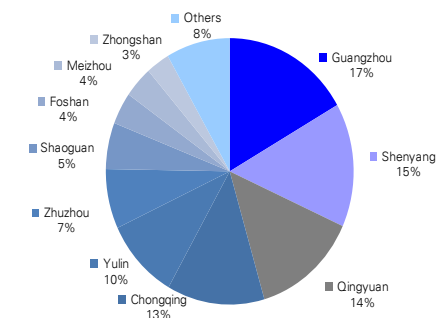
We see stable rating from rating agencies on Aoyuan. We believe Aoyuan's current bond ratings are constrained by its geographical concentration as well as its debt-funded expansion. In 1H15, Aoyuan entered into Anhui Province and added some new cities such as Jiaying. And this highlights its plan to establish core competency in more regions. Cultural and tourism property expansion might bring some operational challenges, but the investment there seems limited in size and not a cause of concern to us.

### Bond vs stock performance



Source: Bloomberg Finance, Deutsche Bank

### Land bank breakdown by city in GFA



Source: Company, Deutsche Bank, data as of 31 December 2014

### Outstanding Issues

| Issue      | Issue Ratings | Maturity  | Coupon (%) | O/s Amount (USDm) | Mid Price | Mid YTM (%) | Mid YTW (%) | DB Recom.  |
|------------|---------------|-----------|------------|-------------------|-----------|-------------|-------------|------------|
| CAPG'17C15 | B3/B-/B+      | 23-Nov-17 | 13.875     | 225               | 107.27    | 10.19       | 10.19       | CreditHold |
| CAPG'18    | B3/B-/B+      | 26-May-18 | 10.875     | 250               | 100.70    | 10.57       | 10.57       | CreditBuy  |
| CAPG'19C17 | B3/B-/B+      | 17-Jan-19 | 11.25      | 300               | 100.74    | 10.98       | 10.98       | CreditBuy  |

Source: Bloomberg Finance LP, Deutsche Bank



## Good yield pick-up

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#### Quick snapshot of interim 2015 results

Aoyuan announced good 1H15 results after-market on 11 Aug; having said that, the positive profit alert last week also provided some hints to this, partly thanks to increased booking of property sales. Furthermore, Aoyuan's GPM in 1H15 was satisfactory at 29.4%, which was above the 26-28% full year 2015 GPM guided by management previously. We attribute this to the majority of projects booked from Guangzhou. Around RMB25.5bn of total saleable resources is planned for 2015 and we believe its full year contract sales targeted range of RMB13.5-14.0bn looks achievable. The company previously guided for RMB4-5bn of land acquisitions for FY2015 and there was around RMB2bn of acquisitions in 1H. As of June, Aoyuan's outstanding land premium was about RMB1.3bn.

The developer's revenue for 1H15 was up 48% YoY, partly thanks to a 14% increase in GFA booked to 342k sq m and a 31% YoY rise in ASP booked of RMB11,217/sq m. The high ASP booked in 1H15 stemmed from a high contribution of 75% of property development revenue from Guangzhou. EBITDA saw a strong growth of 54% YoY to RMB895mn for 1H15. Furthermore, commercial apartments and retail shops and other commercial took up 76% of Aoyuan's booked revenue in 1H15 and that contributes to its relatively solid GPM. Looking forward, we believe its full year 2015 GPM would still fall within a range of 26-28%, with some Tier 2 cities' projects being booked in 2H.

Net profit for the company was up 74% YoY to RMB538mn in 1H15, in-line with prior positive profit alert. Stripping out the estimated revaluation gain net of deferred tax, Aoyuan's core profit was RMB462mn for 1H15, up ~57% YoY. Cash collection ratio was high at approximately 88% in 1H15, vs. 81% in 2014.

With loosening policy towards residential segment, 2015 has been a relatively weak market for commercial properties (serviced apartments, retail units, etc). This was partly due to better price growth expectation for residential as the lower down payment and mortgage rates for first homes vs. commercial property. Aoyuan's lower contract sales ASPs YTD reflect partly less contribution from commercial products (1H15 contract sales ASP was only CNY7,383/sq m, down 19% vs. 2014 contract sales ASP of 9,103/sq m).



Figure 1: Developers' operating cashflow\*\*

| RMB bn         | 2015E cash inflow                      |   |                 | 2015E cash outflow    |                   |       |           |       |                      | 2015E net operating cashflow |                            |
|----------------|--|---|-----------------|-----------------------|-------------------|-------|-----------|-------|----------------------|------------------------------|----------------------------|
|                | Est sales proceeds from contract sales | Our est. rental income, prop management fees, other income, etc | Est Cash inflow | Our est. land premium | Construction cost | SG&A  | Interests | Taxes | Dividends and others | Est Cash outflow             | Est net operating cashflow |
| Agile*         | 44.0                                   | 2.0-2.5   | 46.3            | -5.5                  | -17.0             | -3.0  | -3.5      | -8.0  | -4.5                 | -41.5                        | 4.8                        |
| Aoyuan         | 11.0                                   | 2.2   | 13.2            | -4.5                  | -5.5              | -0.8  | -1.15     | -1.3  | -2.0                 | -15.2                        | -2.0                       |
| CCRE           | 17.2                                   |   | 17.2            | -2.5                  | -5.8              | -1.1  | -0.8      | -2.10 | -5.9                 | -18.3                        | -1.1                       |
| Country Garden | 126.0                                  | 2.0   | 128.0           | -20.0                 | -73.0             | -12.0 | -5.0      | -18.0 | -1.9                 | -129.9                       | -1.9                       |
| Evergrande     | 130.0                                  | 16.0  | 146.0           | -30.0                 | -60.0             | -14.8 | -14.0     | -17.0 | -2.0                 | -137.8                       | 8.2                        |
| Future Land    | 25.5                                   |   | 25.5            | -3.4                  | -14.0             | -1.7  | -1.6      | -2.9  | -0.4                 | -23.9                        | 1.6                        |
| Greentown      | 23.7                                   |   | 23.7            | -2.1                  | -13.0             | -2.3  | -3.5      | -4.2  |                      | -25.1                        | -1.4                       |
| GZ R&F*        | 43.2                                   | 2.7   | 45.9            | -8.0                  | -18.0             | -4.0  | -6.7      | -8.0  | 0.0                  | -44.7                        | 1.2                        |
| KWG            | 21.7                                   | 0.3   | 22.0            | -4.0                  | -6.8              | -1.5  | -2.3      | -2.5  | -1.0                 | -18.1                        | 3.9                        |
| Longfor        | 46.0                                   | 1.5   | 47.5            | -15.5                 | -22.0             | -3.3  | -3.1      | -8.0  | -1.7                 | -53.6                        | -6.1                       |
| Powerlong      | 12.0                                   | 1.6   | 13.6            | -0.4                  | -7.0              | -1.7  | -1.8      | -1.7  | -0.3                 | -12.9                        | 0.7                        |
| Shimao         | 55.7                                   | 1.9   | 57.6            | -17.5                 | -25.5             |       |           | -14.6 |                      | -57.6                        | 0.0                        |
| Sunac          | 24.7                                   | 0.3   | 25.0            | -9.0                  | -9.4              | -1.7  | -3.0      | -5.8  | -1.4                 | -30.3                        | -5.3                       |

\*For Agile's guided RMB44-46bn for estimated contract sales inflow, we took the low end of the range; for GZ R&F, we apply a haircut of 10% against management's expectation of cash inflow of RMB51bn  
 \*\*Note: most figures are companies' guidance from March 2015 results season except for rental income, land premium and dividends  
 Source: Company data, CREIS, DB estimates



## Key things to know about the company

### History and summary

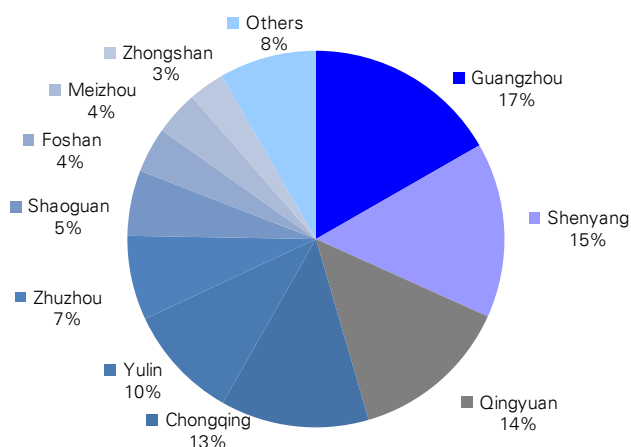
The beginning of China Aoyuan started some 18 years ago with the establishment of Zi Ye, and its first project sales of Guangzhou Aoyuan and Panyu Aoyuan started being reaped in 1999. Aoyuan has a focus on developing mass market residential as well as some commercial property (serviced apartments, retail, office, and hotels); some of its properties also revolve around a concept of healthy lifestyle. Aoyuan was listed on the HKSE in October 2007. As of 11 Aug 2015, it has a market cap of HK\$4.2bn. The company is 48.0% owned by its founder, Mr. Guo Zi Wen and his brother Mr Guo Zi Ning.

### Landbank breakdown

As at YE14, Aoyuan held a landbank with total GFA 12.31mn sq m distributed in 15 cities. 65% of total GFA is residential properties, 28% is commercial properties held for sale while 4% is investment projects held for rental. It has a focus on its home base Guangdong Province, with 29 out of 45 projects or 53.3% of its total landbank located within Guangdong Province. On the other hand, the company also endeavored to diversify its landbank with increasing presence outside Guangzhou Province, such as Chongqing, and make new penetration in Zhejiang Province, Anhui and overseas in 1H15. As of 31 December 2014, the top four exposures of its landbank by GFA include Guangzhou (16.4% of total landbank), Shenyang (14.7%), Qingyuan (13.5%) and Chongqing (12.5%).

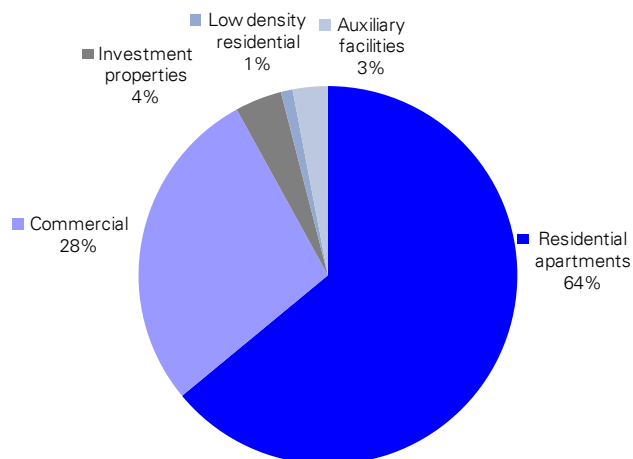
In 1H15, Aoyuan acquired 6 parcels of land (commercial and residential projects). As of June, its overall landbank's average land cost was RMB1,233/sq m (16.7% of Aoyuan's 1H15 contract sales ASP). As of June, the company has projects in 19 cities.

Figure 2: Aoyuan's total landbank breakdown by city by GFA as of 31 Dec 14



Source: Company, Deutsche Bank

Figure 3: Landbank GFA breakdown by type as of 31 Dec 14



Source: Company, Deutsche Bank



### O2O business development

At the beginning of 2015, Aoyuan announced its internet strategy and Ao apartment v1.0 to provide its residential and commercial customers with value-added services (such as Smart Park and social elements) and promoting property sales. It proposed a series of smart products including Ao community, Ao shopping mall, Ao shopping street, and Ao apartment. It planned to apply Ao apartment in Guangzhou Aoyuan Beyond Era, Guangzhou Aoyuan City Plaza, and Guangzhou Luoguang Aoyuan Plaza this July. Further in May 2015, it announced co-operational agreements with subsidiaries of Tencent to further develop the O2O platform, focusing on providing family services through mobile internet.

### Costs of borrowing to hedge down and debt maturity lengthened

Aoyuan's average cost of borrowing dropped from 10.2% in 2014 to 9.9% in 1H15. We expect it to further decline. We expect part of the funds raised from debt issuance in 1H15 to be deployed towards repayment of trust loans (which generally carry a 12-13% interest cost). Its long-term net debt/total equity should adhere to prior guidance of below 80% and its average funding costs should continue to decline.

Aoyuan maintained adequate liquidity with total cash of RMB5.9bn as of end-2014, covering 1.3x of its short-term debt of RMB4.5bn. Its total cash/short-term debt coverage improved to 1.6x as of June. Earlier this year, there was the private placement of USD100mn notes due 2018 at 9.25% to ABCI in April, and issuance of USD250mn notes due 2018 at 10.875% in May. It also issued a three-year domestic RMB bonds of RMB2.4bn at 5.8% in July, which will further help alleviate the funding cost.

### Peer comparison

We compare Times, Logan, Yuzhou, and Cifi in our peer comparison table.

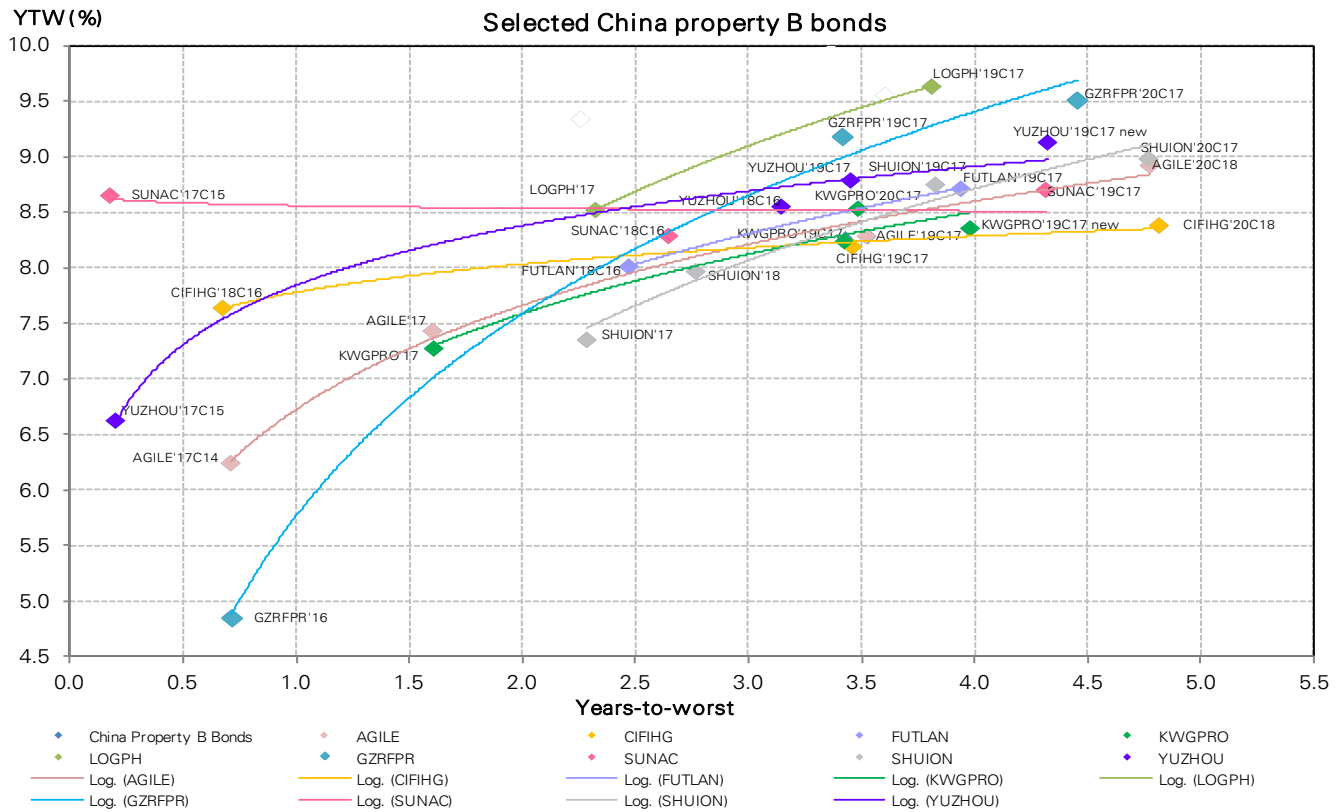
We view Times, Logan, Yuzhou and CIFI as close peers to Aoyuan given their similar operating scale. Each of Aoyuan, Times and Logan has a geographical concentration in their home base, Guangdong Province while Aoyuan and Logan has a relatively larger land bank size and greater number of cities where they operate. As of last year, Aoyuan had the lowest EBITDA interest coverage (1.0x by Aoyuan vs. 2.6x by Logan and 2.0x by Times in FY14) and highest debt-to-EBITDA ratio (8.7x by Aoyuan vs. 5.6x by Logan and 4.5x by Times in FY14) which is reflected in one notch lower issuer rating than Times and two notches lower than Logan by Moody's. On the other hand, its net debt/total equity ratio was lowest as of end-2014 within this group (Aoyuan's 62% v.s. Logan's 66% and Times' 97%).

Compared to Aoyuan, CIFI has a higher operating efficiency. CIFI's contract sales figure of RMB21.2bn in 2014 was higher than Aoyuan's RMB12.2bn. Aoyuan had a higher profit margin than CIFI in 2014, which partly highlights Aoyuan's strategy of selling some commercial products and its higher-margin projects in Guangzhou.

Aoyuan has a better diversification in landbank than Yuzhou but the credit metrics are weaker, with a lower GPM (30% by Aoyuan and 36% by Yuzhou in FY14) and higher debt / EBITDA (8.7x by Aoyuan and 6.3x by Yuzhou in FY14).

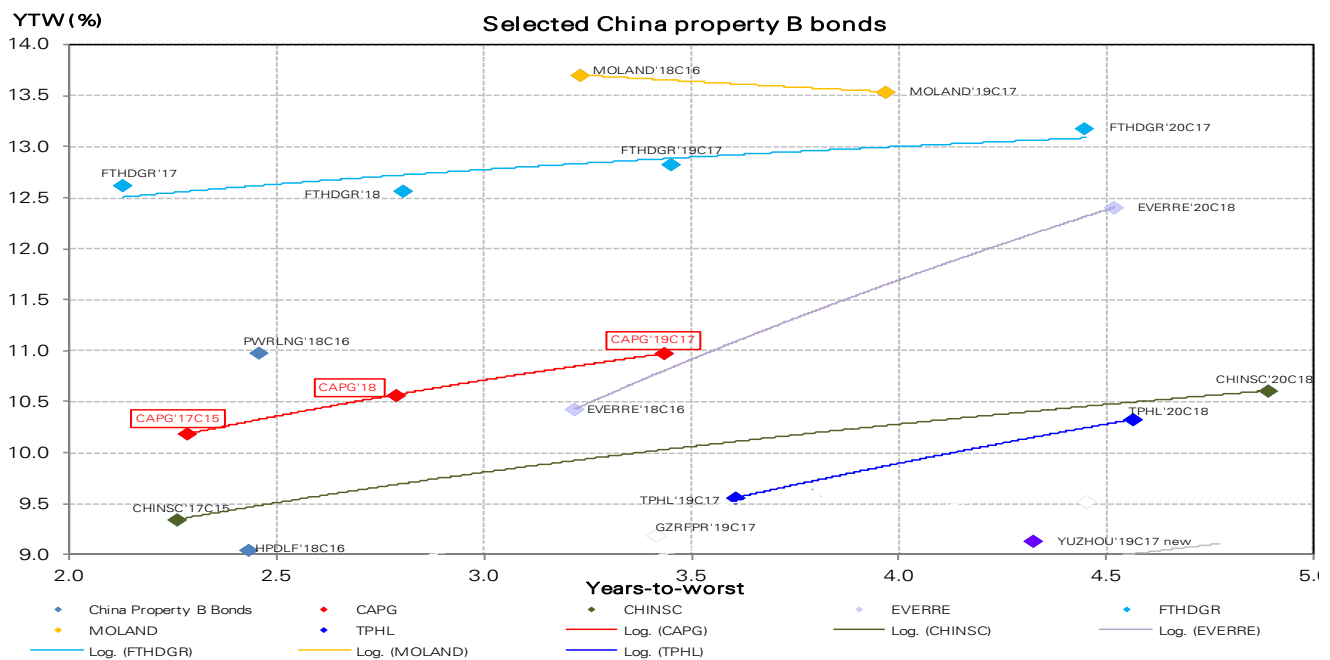


Figure 4: RV charts of China property B issuance in terms of YTW



Source: Bloomberg Finance LP, Deutsche Bank

Figure 5: RV charts of China property B issuance in terms of YTW



Source: Bloomberg Finance LP, Deutsche Bank



Figure 6: Financial summary

| Company  | Aoyuan (B2/B/B+; B3/B-/B+)     |         |         |         |         |
|--|--------------------------------|---------|---------|---------|---------|
| Stock code                                     | 3883.HK (Market Cap: HKD4.2bn) |         |         |         |         |
| Reporting period                               | FY12                           | FY13    | FY14    | 1H14    | 1H15    |
| Reporting currency                             | (RMBmn)                        | (RMBmn) | (RMBmn) | (RMBmn) | (RMBmn) |
| <b>Income statement</b>                        |                                |         |         |         |         |
| Revenue  | 3,943                          | 5,729   | 6,976   | 2,658   | 3,935   |
| Gross profit                                   | 1,187                          | 1,759   | 2,067   | 812     | 1,156   |
| EBITDA <sup>^</sup>                            | 613                            | 1,122   | 1,323   | 580     | 895     |
| Gross interest                                 | (484)                          | (848)   | (1,276) | (583)   | (604)   |
| Net income                                     | 930                            | 736     | 809     | 309     | 538     |
| <b>Cash Flows Statement</b>                    |                                |         |         |         |         |
| FFO (Funds from operations)                    | 5                              | 85      | (149)   | (130)   | n.a.    |
| Changes in working capital                     | (2,917)                        | (1,822) | (1,430) | (942)   | n.a.    |
| Cash from operations                           | (3,021)                        | (1,773) | (1,645) | (1,099) | n.a.    |
| <b>Balance Sheet</b>                           |                                |         |         |         |         |
| Total cash                                     | 3,143                          | 4,712   | 5,917   | 6,285   | 6,731   |
| Restricted cash embedded in total cash         | 762                            | 1,899   | 3,928   | 2,541   | 2,577   |
| Inventory (completed properties held for sale) | 2,821                          | 3,391   | 4,468   | 4,691   | n.a.    |
| Total assets                                   | 20,813                         | 29,932  | 36,786  | 33,092  | 40,315  |
| Short term debt                                | 1,675                          | 2,411   | 4,464   | 2,994   | 4,091   |
| Net debt (incl. restricted cash)               | 1,779                          | 4,812   | 5,580   | 5,338   | 7,067   |
| Total debt                                     | 4,923                          | 9,524   | 11,497  | 11,623  | 13,798  |
| Total equity                                   | 7,104                          | 7,524   | 9,034   | 7,580   | 9,740   |
| <b>KEY CREDIT METRICS</b>                      |                                |         |         |         |         |
| Revenue growth YoY                             | 30.5%                          | 45.3%   | 21.8%   | 23.6%   | 48.0%   |
| EBITDA growth                                  | 38.8%                          | 83.0%   | 17.8%   | 9.7%    | 54.2%   |
| Gross margin                                   | 30.1%                          | 30.7%   | 29.6%   | 30.5%   | 29.4%   |
| EBITDA margin                                  | 15.6%                          | 19.6%   | 19.0%   | 21.8%   | 22.7%   |
| EBITDA interest coverage * <sup>^</sup>        | 1.3x                           | 1.3x    | 1.0x    | 1.1x    | 1.3x    |
| Debt / EBITDA * <sup>^</sup>                   | 8.0x                           | 8.5x    | 8.7x    | 9.9x    | 8.4x    |
| Net debt / EBITDA * <sup>^</sup>               | 2.9x                           | 4.3x    | 4.2x    | 4.5x    | 4.3x    |
| Total debt / Total capital                     | 40.9%                          | 55.9%   | 56.0%   | 60.5%   | 58.6%   |
| Net debt / Equity (cash incl. restricted cash) | 25.1%                          | 64.0%   | 61.8%   | 70.4%   | 72.6%   |
| Net debt / Equity <sup>^^</sup>                | 25.1%                          | 64.0%   | 61.8%   | 70.4%   | 72.6%   |
| Unrestricted cash / Short-term debt            | 142.2%                         | 116.6%  | 44.6%   | 125.0%  | 101.5%  |
| Total cash / (ST debt + 6-month COGS)          | 103.0%                         | 107.2%  | 85.5%   | 129.8%  | 98.0%   |
| Total cash / Short-term debt                   | 187.7%                         | 195.4%  | 132.6%  | 209.9%  | 164.5%  |

\* Ratios are calculated based on trailing 12-month data; <sup>^</sup> EBITDA includes cash distribution from JVs and associates; <sup>^^</sup> 50% of hybrid is considered as debt and 50% as equity  
Source: Bloomberg Finance LP, Company data, Deutsche Bank



Figure 7: Peer comparison

| Company   | MEDIAN | Aoyuan   | CIFI      | Logan     | Powerlong | Times   | Yuzhou  |
|---|--------|----------|-----------|-----------|-----------|---------|---------|
| Stock Code  |        | 3883.HK  | 884.HK    | 3380.HK   | 1238.HK   | 1233.HK | 1628.HK |
| Issue ratings   |        | B3/B-/B+ | B1/B+/BB- | B1/NR/BB- | B3/B-/NR  | B2/B/B+ | B1/B/NR |
| Reporting period  | FY14   | FY14     | FY14      | FY14      | FY14      | FY14    | FY14    |
| Reporting currency  |        | (RMBmn)  | (RMBmn)   | (RMBmn)   | (RMBmn)   | (RMBmn) | (RMBmn) |
| Market cap as of 11-Aug-15 (USDmn)                          |        | 538      | 1,387     | 2,218     | 788       | 689     | 891     |
| <b>Operating Statistics</b>                                 |        |          |           |           |           |         |         |
| Total land bank in GFA ('000 sq m)                          |        | 12,310   | 9,600     | 13,675    | 11,500    | 9,431   | 8,701   |
| Number of cities  |        | 15       | 15        | 13        | 25        | 6       | 9       |
| Number of projects  |        | 45       | 74        | 37        | 67        | 27      | 48      |
| Contracted sales  |        | 12,222   | 21,206    | 13,350    | 10,648    | 15,234  | 12,001  |
| Contracted GFA ('000 sq m)                                  |        | 1,343    | 1,733     | 1,817     | 1,209     | 1,396   | 1,204   |
| Contracted ASP (RMB per sq m)                               |        | 9,103    | 12,235    | 7,347     | 8,811     | 10,910  | 9,971   |
| Recognized property sales                                   |        | 6,803    | 15,654    | 12,953    | 8,265     | 10,095  | 7,681   |
| Recognized GFA ('000 sq m)                                  |        | 914      | 1,417     | 1,740     | 752       | 837     | 736     |
| Recognized ASP (RMB per sq m)                               |        | 7,441    | 11,048    | 7,446     | 10,986    | 12,061  | 10,437  |
| <b>Income Statement</b>                                     |        |          |           |           |           |         |         |
| Revenue   |        | 6,803    | 16,179    | 12,953    | 9,663     | 10,095  | 7,837   |
| Revenue from investment properties                          |        | 71       | 526       | 56        | 1,132     | 324     | 156     |
| Recurring income as a % of revenue                          |        | 1%       | 3%        | 0%        | 12%       | 3%      | 2%      |
| Gross profit  |        | 2,067    | 4,187     | 3,804     | 2,783     | 3,186   | 2,845   |
| EBITDA ^  |        | 1,323    | 3,352     | 2,884     | 1,860     | 2,420   | 2,442   |
| EBIT  |        | 1,416    | 3,322     | 2,930     | 1,717     | 2,398   | 2,493   |
| Gross interest  |        | -1,276   | -1,436    | -1,107    | -1,624    | -1,189  | -1,159  |
| Profit before tax   |        | 1,449    | 3,325     | 3,718     | 2,159     | 2,235   | 2,692   |
| Attributable profit/(loss) to shareholders                  |        | 809      | 1,861     | 2,348     | 1,371     | 1,279   | 1,254   |
| <b>Balance Sheet</b>  |        |          |           |           |           |         |         |
| Unrestricted cash plus deposit pledged for borrowings       |        | 1,989    | 7,124     | 5,576     | 4,834     | 2,726   | 9,296   |
| Total cash  |        | 5,917    | 7,124     | 7,514     | 4,949     | 5,418   | 9,785   |
| Total assets  |        | 36,786   | 43,539    | 44,836    | 57,154    | 33,085  | 39,075  |
| Advanced proceeds from customers                            |        | 8,772    | 5,016     | 6,435     | 4,642     | n.a.    | 3,893   |
| Short term debt   |        | 4,464    | 3,035     | 3,824     | 4,291     | 1,786   | 3,805   |
| Net debt (incl. restricted cash)                            |        | 5,580    | 6,737     | 8,751     | 13,717    | 5,571   | 5,620   |
| Total debt  |        | 11,497   | 13,861    | 16,265    | 18,666    | 10,988  | 15,404  |
| Total equity  |        | 9,034    | 11,583    | 13,317    | 20,609    | 5,717   | 9,390   |
| <b>KEY CREDIT METRICS</b>                                   |        |          |           |           |           |         |         |
| <b>Profitability</b>  |        |          |           |           |           |         |         |
| Contracted sales growth                                     | 21.8%  | 21.8%    | 38.4%     | 1.1%      | 13.6%     | 37.8%   | 9.5%    |
| Revenue growth  | 12.4%  | 21.8%    | 35.9%     | 12.4%     | 33.2%     | 7.5%    | 4.9%    |
| EBITDA growth   | 25.3%  | 17.8%    | 48.4%     | -15.3%    | 37.2%     | 43.8%   | 25.3%   |
| Gross margin  | 30.4%  | 29.6%    | 25.9%     | 30.4%     | 28.8%     | 30.6%   | 36.3%   |
| EBITDA margin   | 23.1%  | 19.0%    | 20.7%     | 23.1%     | 19.2%     | 23.2%   | 31.2%   |
| Net margin  | 12.3%  | 11.6%    | 11.5%     | 18.8%     | 14.2%     | 12.3%   | 16.0%   |
| Return on equity (ROE)                                      | 19.8%  | 10.8%    | 19.8%     | 25.3%     | 7.7%      | 27.1%   | 16.1%   |
| Selling expenses as a % of revenue                          | 3.3%   | 5.4%     | 2.0%      | 3.3%      | 4.1%      | 4.6%    | 2.4%    |
| Admin and other operating expenses as a % of revenue        | 3.3%   | 5.6%     | 3.3%      | 4.2%      | 7.0%      | 3.3%    | 3.0%    |
| Gains from revaluation or disposals as a % of pretax profit | 11.7%  | 6.7%     | 11.7%     | 23.7%     | 21.7%     | 3.1%    | 13.9%   |
| <b>Interest and Debt Coverage</b>                           |        |          |           |           |           |         |         |
| EBITDA interest coverage *^                                 | 2.0x   | 1.0x     | 2.3x      | 2.6x      | 1.1x      | 2.0x    | 2.1x    |
| Recurring income / Gross interest                           | 0.1x   | 0.1x     | 0.4x      | 0.1x      | 0.7x      | 0.3x    | 0.1x    |
| Debt / EBITDA *^  | 5.6x   | 8.7x     | 4.1x      | 5.6x      | 10.0x     | 4.5x    | 6.3x    |
| Net debt / EBITDA *^  | 3.0x   | 4.2x     | 2.0x      | 3.0x      | 7.4x      | 2.3x    | 2.3x    |
| Dividend payout on net profit                               | 28.2%  | 29.9%    | 28.2%     | 18.6%     | 18.4%     | 19.3%   | 35.3%   |
| Total debt / Total capital                                  | 56.0%  | 56.0%    | 54.5%     | 55.0%     | 47.5%     | 65.8%   | 62.1%   |
| Total debt / Total assets                                   | 33.2%  | 31.3%    | 31.8%     | 36.3%     | 32.7%     | 33.2%   | 39.4%   |
| Net debt / Equity ^^  | 62.3%  | 61.8%    | 62.3%     | 65.7%     | 72.0%     | 97.4%   | 59.8%   |
| <b>Liquidity and Debt Subordination</b>                     |        |          |           |           |           |         |         |
| Unrestricted cash / Short-term debt                         | 152.6% | 44.6%    | 234.7%    | 145.8%    | 112.7%    | 152.6%  | 244.3%  |
| Total cash / (ST debt + 6-month COGS)                       | 92.0%  | 85.5%    | 78.9%     | 92.0%     | 64.0%     | 100.3%  | 155.3%  |
| Total cash / Short-term debt                                | 234.7% | 132.6%   | 234.7%    | 196.5%    | 115.3%    | 303.3%  | 257.1%  |
| Total cash / Total debt                                     | 51.4%  | 51.5%    | 51.4%     | 46.2%     | 26.5%     | 49.3%   | 63.5%   |
| Total cash / Total assets                                   | 16.4%  | 16.1%    | 16.4%     | 16.8%     | 8.7%      | 16.4%   | 25.0%   |
| Short-term debt / Total debt                                | 23.5%  | 38.8%    | 21.9%     | 23.5%     | 23.0%     | 16.3%   | 24.7%   |

Note: \* Ratios are calculated based on trailing 12-month data; ^ EBITDA includes cash distribution from JVs and associates; ^^ 50% of hybrid is treated as debt and 50% as equity  
Source: Bloomberg Finance LP, Company data, Deutsche Bank

The author of this report wishes to acknowledge the contribution made by Mary Mou, an employee of CRISIL Global Research & Analytics, a division of CRISIL Limited, a third-party provider of offshore research support services to Deutsche Bank.





# Appendix 1

## Important Disclosures

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Institution

Disclosure

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**China Aoyuan Property Group Ltd**

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