

GRAND CITY Properties S.A.

Luxembourg / Financial Services Frankfurt Bloomberg: GYC GR ISIN: LU0775917882

Update

RATING PRICE TARGET

BUY €25.00

Return Potential 48.1% Risk Rating Medium

CURRENT PORTFOLIO HARBOURS UPSIDE FOR VALUE CREATION

We believe Grand City Properties (GCP) is well positioned for a strong performance in 2017. The portfolio is well stocked with 84k units and features improving operational results with further embedded upside. GCP's financial profile is also very solid highlighted by conservative balance sheet metrics and good access to financing. Although we expect external portfolio growth to slow compared to the past two years, we see strong rental income and FFO I growth ahead this year driven by the existing portfolio and prudent acquisitions when opportunities appear. Given these prospects, we believe the current share price represents an excellent entry point after the sector correction in H2/16. We reiterate our Buy rating with a €25 price target.

Portfolio of 84,000 owned units harbours substantial upside As of its 9M/16 report, GCP boasted a portfolio valued at €4.7bn equating to a 22% expansion over the nine month period (YE/15: €3.8bn). The residential properties are well diversified throughout Germany across densely populated urban areas with strong economic fundamentals. The strategy to focus on metropolitan areas with vibrant economies helped GCP significantly reduce the vacancy rate by 440 basis points over a twelve month period to 8.1% as of October 2016. In-place rent also edged higher to €5.35/m² over this time frame (October 2015: €5.30/m²). We believe the current operational momentum will continue, given the low ratio of rents priced at market levels (figure 3 overleaf). In October, the company reported an annualised rental income run rate of €452m-a number that could potentially climb to €580m with ongoing repositioning activities, which will allow the company to further compress the vacancy rate and bring rents further in line with market levels. We also believe management is firmly committed to generating abundant cash flows (FFO I) from rental income while limiting asset disposal. This gives us a high degree of confidence in our rental income and FFO I forecasts for the next two years, even if external growth remains slow in the face of a tight supply environment.

FINANCIAL HISTORY & PROJECTIONS

| | 2013 | 2014 | 2015 | 2016E | 2017E | 2018E |
|--------------------|--------|---------|---------|---------|---------|---------|
| Rental income (€m) | 99.63 | 216.84 | 333.50 | 433.18 | 494.05 | 554.74 |
| Y/Y growth | n.a. | 117.6% | 53.8% | 29.9% | 14.1% | 12.3% |
| Adj. EBITDA (€m) | 54.24 | 112.01 | 176.52 | 222.31 | 254.02 | 286.08 |
| Net income (€m) | 266.1 | 243.8 | 393.6 | 613.2 | 431.8 | 491.5 |
| EPS (diluted) (€) | 2.97 | 1.52 | 2.35 | 3.18 | 2.24 | 2.55 |
| EPRA NAV (€m)¹ | 861.92 | 1439.38 | 2544.35 | 3352.50 | 3800.23 | 4335.85 |
| DPS (€) | 0.00 | 0.21 | 0.20 | 0.50 | 0.58 | 0.66 |
| FFO I (€m) | 38.14 | 76.11 | 127.92 | 153.40 | 180.69 | 209.07 |
| Net gearing | 71.0% | 103.9% | 80.1% | 53.9% | 53.1% | 50.0% |
| Liquid assets (€m) | 166.80 | 272.30 | 388.93 | 810.72 | 752.07 | 769.10 |

¹ including hybrid notes

RISKS

Risks include, but are not limited to, unfavourable interest rate developments, which would affect unhedged financial debt, unfavourable macroeconomic development, and departure of key personnel.

COMPANY PROFILE

Grand City Properties (GCP) is a specialist real estate firm focused on investing in and managing value-add opportunities in the German real estate property market. GCP's portfolio is primarily located in densely populated areas. The overarching strategy is to improve its properties through targeted modernisation and intensive tenant management, and thus create value by subsequently raising occupancy and rental levels.

| MARKET DATA | As of 23 Jan 2017 |
|-------------------------|-------------------|
| Closing Price | € 16.88 |
| Shares outstanding | 153.79m |
| Market Capitalisation | € 2595.98m |
| 52-week Range | € 14.73 / 20.50 |
| Ava. Volume (12 Months) | 227.116 |

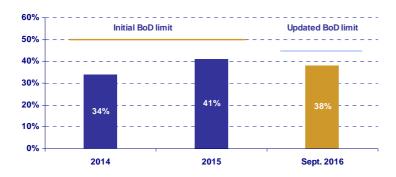
| Multiples | 2015 | 2016E | 2017E |
|-------------|------|-------|-------|
| P/FFO I | 19.0 | 16.9 | 14.5 |
| P/EPRA NAV | 0.9 | 8.0 | 0.7 |
| FFO I Yield | 5.3% | 5.9% | 6.9% |
| Div Yield | 1 2% | 3.0% | 3 4% |



| COMPANY DATA | As of 30 Sep 2016 |
|-------------------------------------|-------------------|
| Liquid Assets | € 643.50m |
| Current Assets | € 1,050.50m |
| EPRA NAV ¹ | € 3,297.20m |
| Total Assets | € 6,108.50m |
| Current Liabilities | € 357.20m |
| Total Equity | € 2,957.30m |
| ¹ including hybrid notes | |
| SHAREHOLDERS | |
| Edolaxia Ltd. | 35.6% |
| FMR LLC | 4.5% |
| Merrill Lynch Intl | 2.6% |
| Odey Asset Mngt | 2.3% |
| Free Float | 55.0% |

Strong financial structure supports future growth In our view, management have done an excellent job in maintaining financial discipline alongside the exceptional growth of the past two years. The company's conservative capital structure was recognised by Standard & Poor's, which upgraded its long-term corporate credit rating of GCP to 'BBB+' from 'BBB' in November 2016. The key loan-to-value (LTV) metric dipped to 38% as of the September 2016 report, and management lowered the internal LTV limit to 45% from 50% and have their sights set on an 'A -' rating over the long term.

Figure 1: LTV development and internal limits set by the Board of Directors



Source: First Berlin Equity Research; Grand City Properties

As of October 2016, the unencumbered asset ratio was 53% of the portfolio value, while the overall value has more than doubled since YE/14. Moreover, the capital structure has allowed the company to report good financial coverage KPIs with an interest coverage ratio (ICR) of 6.2x and a debt to service coverage ratio (DSCR) of 4.6x as of the nine month report.

Figure 2: Unencumbered asset profile and corresponding value development

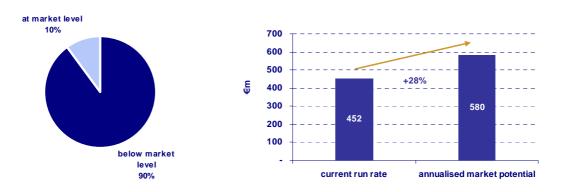


Source: First Berlin Equity Research; Grand City Properties

Grand City exited Q3/16 with liquid assets of some €644m, which should provide excellent flexibility to opportunistically grow, service its debt and cover CapEx needs over the next few years. We note the company has a weighted average debt maturity of seven years with the first sizable debts maturing in 2021 and 2022.

Current portfolio offers further upside; maintain Buy rating The monthly annualised rental income run rate was at €452m in October with an in-place rent of €5.35/m². This is well below the market rate of €6.50m² for the corresponding regional footprint. Currently only 10% of the portfolio is priced at market levels leaving substantial upward scope for rent increases. Moreover, the EPRA vacancy rate of 8.1% likewise harbours room for improvement. Market observers believe the residential supply scarcity in Germany will persist in 2017, fuelled by rising pressure from economic and population growth. Property development is also unlikely to keep pace with tenant demand. In view of this environment, we believe the company will be able to further compress the vacancy rate some 100 basis p.a. to between 2% - 3% in the next five years. These factors should result in a rental income run rate of some €580m, which would then translate into additional FFO I of €70m - €80m. We also expect revaluation gains to range between €300m - €350m per annum over the next five years, which would help boost the EPRA NAV by some €1.5bn over this time frame.

Figure 3: Potential for rent increases to market levels and impact on rental income



GRAND CITY Properties S.A.

Source: First Berlin Equity Research; Grand City Properties

If the tight supply environment persists and limits external growth opportunities, we believe management would increase its dividend payout policy to 60% - 70% of FFO I (presently: 50%). This would correspond to an attractive dividend yield north of 5% assuming a steady share price development towards our €25 price target.

We believe Grand City will be able to offset slower external growth with strong operational momentum. This should allow GCP to extract further embedded value from its sizable portfolio, which now totals 84k owned units. The company is well financed with a 1.6% cost of debt giving management the flexibility to make prudent acquisitions that follow disciplined investment criteria. The share currently trades at a 21% discount to the $\[\in \] 3.3bn$ EPRA NAV (including perpetual notes). In our view, this is unwarranted and we maintain our Buy rating with a $\[\in \] 25$ price target.



EPRA NAV VALUATION MODEL

| All figures in EUR '000 | 2016 | 2017 | 2018 | 2019 |
|----------------------------------|-----------|-----------|-----------|-----------|
| Shareholder's Equity | 2,828,391 | 3,193,967 | 3,636,743 | 4,134,025 |
| Consolidated NAV | 3,019,708 | 3,419,830 | 3,901,923 | 4,443,088 |
| NAV per share (€) | 19.64 | 22.00 | 24.62 | 27.42 |
| Deferred taxes | 325,796 | 373,401 | 426,928 | 486,273 |
| Derivative financial instruments | 6,995 | 6,995 | 6,995 | 6,995 |
| EPRA NAV | 3,352,500 | 3,800,226 | 4,335,846 | 4,936,356 |
| EPRA NAV per share (€) | 21.80 | 24.45 | 27.36 | 30.46 |
| FFO | 153,402 | 180,690 | 209,068 | 235,444 |
| Revaluation results | 545,938 | 300,726 | 338,138 | 374,890 |
| New Equity | - | - | - | - |
| Total return | 699,340 | 481,416 | 547,205 | 610,333 |

| EPRA NAV | 3,352,500 | 3,800,226 | 4,335,846 | 4,936,356 |
|----------------------------|-----------|-----------|-----------|-----------|
| Return on NAV | 27.5% | 14.4% | 14.4% | 14.1% |
| Cost of equity | 5.0% | 5.0% | 5.0% | 5.0% |
| Spread (percentage points) | 22.5% | 9.4% | 9.4% | 9.1% |

| | 2016 | 2017 | 2018 | 2019 |
|---------------------------------|---------|---------|---------|---------|
| Value creation | 755,454 | 357,522 | 409,620 | 450,416 |
| NPV | 755,454 | 347,625 | 386,491 | 412,404 |
| Dividends paid | 38,375 | 76,701 | 90,345 | 104,534 |
| Present value of dividends paid | 38,375 | 74,578 | 85,244 | 95,712 |

| Fair value calculation | |
|----------------------------------|-----------|
| PV of total value created | 1,901,974 |
| NAV (2015) | 2,172,295 |
| Adjustments | - |
| Equity value | 4,074,269 |
| PV of dividends | 293,908 |
| Fair value | 4,368,178 |
| Number of shares (fully diluted) | 171,852 |
| Fair value per share (€) | 25.00 |



INCOME STATEMENT

| All figures in EUR '000 | 2013A | 2014A | 2015A | 2016E | 2017E | 2018E |
|--|----------|----------|----------|----------|----------|----------|
| Rental and operating income | 99,630 | 216,837 | 333,497 | 433,178 | 494,055 | 554,743 |
| Revenue from sale of buildings | 70,000 | 14,675 | 0 | 6,477 | 0 | 0 |
| Revenue | 169,630 | 231,512 | 333,497 | 439,655 | 494,055 | 554,743 |
| Capital gains, property revaluations & other | 236,846 | 230,969 | 311,131 | 545,938 | 300,726 | 338,138 |
| Result from equity-accounted investees | 470 | 94 | 0 | 0 | 0 | 0 |
| Property expenses | -42,711 | -100,175 | -151,552 | -199,262 | -227,265 | -255,182 |
| Cost of buildings sold | -54,914 | -14,425 | 0 | -4,450 | 0 | 0 |
| Administration expenses | -3,339 | -5,650 | -7,153 | -13,335 | -14,749 | -15,703 |
| Operating income (EBIT) | 305,982 | 342,325 | 485,923 | 768,546 | 552,767 | 621,996 |
| Finance expenses | -11,320 | -22,040 | -25,830 | -37,788 | -37,765 | -36,959 |
| Other financial results | 7,778 | -32,664 | -73 | 0 | 0 | 0 |
| Pre-tax income (EBT) | 302,440 | 287,621 | 460,020 | 730,758 | 515,002 | 585,037 |
| Tax and deferred tax expenses | -36,388 | -43,787 | -66,450 | -117,546 | -83,167 | -93,578 |
| Minority interests | -39,777 | -38,259 | -35,120 | -49,057 | -34,547 | -39,317 |
| Hybrid note investors | 0 | 0 | -14,517 | -22,689 | -15,978 | -18,184 |
| Net income | 226,275 | 205,575 | 343,933 | 541,467 | 381,310 | 433,958 |
| Basic EPS (in €) | 2.97 | 1.73 | 2.71 | 3.52 | 2.45 | 2.74 |
| Diluted EPS (in €) | 2.97 | 1.52 | 2.35 | 3.18 | 2.24 | 2.55 |
| Adjusted EBITDA | 54,243 | 112,009 | 176,521 | 222,314 | 254,017 | 286,077 |
| Ratios | | | | | | |
| Adjusted EBITDA margin on rental income | 54.4% | 51.7% | 52.9% | 51.3% | 51.4% | 51.6% |
| Tax rate | 14.0% | 14.0% | -5.0% | 14.0% | 14.0% | 14.0% |
| Expenses as % of revenues | | | | | | |
| Property expenses | 42.9% | 46.2% | 45.4% | 46.0% | 46.0% | 46.0% |
| Administration expenses | 3.4% | 2.6% | 2.1% | 3.1% | 3.0% | 2.8% |
| Y-Y Growth | | | | | | |
| Rental and operating income | n.a. | 117.6% | 53.8% | 29.9% | 14.1% | 12.3% |
| Total revenues | n.a. | 36.5% | 44.1% | 31.8% | 12.4% | 12.3% |
| Operating income | n.a. | 11.9% | 41.9% | 58.2% | -28.1% | 12.5% |
| Adjusted EBITDA | n.a. | 106.5% | 57.6% | 25.9% | 14.3% | 12.6% |
| Net income/ loss | n.a. | -9.1% | 67.3% | 57.4% | -29.6% | 13.8% |
| Funds from Operations (FFO) | | | | | | |
| Operating profit | 305,982 | 342,325 | 485,923 | 768,546 | 552,767 | 621,996 |
| Depreciation and amortisation | 193 | 903 | 1,729 | 1,733 | 1,976 | 2,219 |
| EBITDA | 306,175 | 343,228 | 487,652 | 770,279 | 554,743 | 624,215 |
| Capital gains, property revaluations and other | -236,846 | -230,969 | -311,131 | -545,938 | -300,726 | -338,138 |
| Result from disposal of trading properties | -15,086 | -250 | 0 | -2,027 | 0 | 0 |
| Adjusted EBITDA | 54,243 | 112,009 | 176,521 | 222,314 | 254,017 | 286,077 |
| Financial expense | -11,320 | -22,040 | -25,830 | -37,788 | -37,765 | -36,959 |
| Tax | -4,780 | -13,863 | -22,776 | -31,124 | -35,562 | -40,051 |
| FFO I | 38,143 | 76,106 | 127,915 | 153,402 | 180,690 | 209,068 |



BALANCE SHEET

24 January 2017

| All figures in EUR '000 | 2013A | 2014A | 2015A | 2016E | 2017E | 2018E |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| <u>Assets</u> | | | | | | |
| Current assets, total | 248,592 | 401,815 | 627,204 | 1,059,001 | 1,035,239 | 1,087,056 |
| Cash and cash equivalents | 132,542 | 270,131 | 236,001 | 657,800 | 599,147 | 616,180 |
| Traded securities at fair value though P&L | 34,258 | 2,165 | 152,924 | 152,924 | 152,924 | 152,924 |
| Trade and other receivables | 61,843 | 123,705 | 226,402 | 237,358 | 270,715 | 303,969 |
| Inventories - Trading property | 19,949 | 5,814 | 11,877 | 10,918 | 12,453 | 13,983 |
| Non-current assets, total | 1,402,495 | 2,227,243 | 4,061,699 | 4,937,780 | 5,558,040 | 6,219,519 |
| Equipment and intangible assets | 4,383 | 7,516 | 9,493 | 10,442 | 11,487 | 12,635 |
| Investment property | 1,375,450 | 2,179,982 | 3,845,979 | 4,710,257 | 5,318,024 | 5,966,272 |
| Equity accounted investees | 7,354 | 0 | 0 | 0 | 0 | 0 |
| Other LT assets | 12,817 | 28,552 | 195,390 | 205,160 | 215,417 | 226,188 |
| Deferred tax assets | 2,491 | 11,193 | 10,837 | 11,921 | 13,113 | 14,424 |
| Total assets | 1,651,087 | 2,629,058 | 4,688,903 | 5,996,781 | 6,593,279 | 7,306,575 |
| Shareholders' equity & debt | | | | | | |
| Current liabilities, total | 111,277 | 153,266 | 277,317 | 290,584 | 329,107 | 368,881 |
| Short-term debt | 10,563 | 5,792 | 54,676 | 16,481 | 19,552 | 23,893 |
| Trade and other payables | 92,357 | 128,837 | 190,358 | 240,206 | 273,963 | 307,617 |
| Other current liabilities | 8,357 | 18,637 | 32,283 | 33,897 | 35,592 | 37,372 |
| Long-term liabilities, total | 771,885 | 1,434,142 | 2,239,291 | 2,686,488 | 2,844,342 | 3,035,771 |
| Long-term debt | 461,753 | 537,217 | 792,224 | 824,058 | 977,578 | 1,194,655 |
| Convertible and straight bonds | 194,676 | 716,832 | 1,167,989 | 1,495,294 | 1,450,306 | 1,369,327 |
| Deferred taxes | 80,169 | 141,003 | 239,374 | 325,796 | 373,401 | 426,928 |
| Other LT liabilities | 35,287 | 39,090 | 39,704 | 41,339 | 43,057 | 44,860 |
| Minority interests | 63,001 | 90,736 | 142,260 | 191,317 | 225,864 | 265,181 |
| Shareholders' equity | 704,924 | 950,914 | 2,030,035 | 2,828,391 | 3,193,967 | 3,636,743 |
| Total consolidated equity and debt | 1,651,087 | 2,629,058 | 4,688,903 | 5,996,781 | 6,593,279 | 7,306,575 |
| Ratios | | | | | | |
| Current ratio (x) | 2.23 | 2.62 | 2.26 | 3.64 | 3.15 | 2.95 |
| Equity ratio | 46.5% | 39.6% | 46.3% | 50.4% | 51.9% | 53.4% |
| EPRA NAV ('000) | 861,926 | 1,439,386 | 2,544,347 | 3,352,500 | 3,800,226 | 4,335,846 |
| Net debt ('000) | 500,192 | 987,545 | 1,625,964 | 1,525,109 | 1,695,365 | 1,818,771 |
| Financial leverage | 71.0% | 103.9% | 80.1% | 53.9% | 53.1% | 50.0% |
| Loan-to-value | 36.2% | 45.1% | 42.1% | 32.3% | 31.8% | 30.4% |
| Return on equity (ROE) | 34.6% | 23.4% | 18.1% | 20.3% | 12.6% | 12.6% |



CASH FLOW STATEMENT

24 January 2017

| All figures in EUR '000 | 2013A | 2014A | 2015A | 2016E | 2017E | 2018E |
|--|----------|----------|------------|----------|----------|----------|
| Net income | 266,052 | 243,834 | 393,570 | 613,212 | 431,835 | 491,459 |
| Depreciation and amortisation | 193 | 903 | 1,729 | 1,733 | 1,976 | 2,219 |
| Profit from investments in equity accounted investee | -470 | -94 | 0 | 0 | 0 | 0 |
| Change in fair value of investment properties | -236,846 | -230,968 | -311,131 | -545,938 | -300,726 | -338,138 |
| Net finance expenses | 3,542 | 54,704 | 25,903 | 37,788 | 37,765 | 36,959 |
| Tax result | 36,388 | 43,787 | 66,450 | 117,546 | 83,167 | 93,578 |
| Others | 0 | 171 | 753 | 0 | 0 | 0 |
| Operating cash flow | 68,859 | 112,337 | 177,274 | 224,341 | 254,017 | 286,077 |
| Inventories - trading properties | 0 | 14,134 | -943 | 959 | -1,534 | -1,530 |
| Trade & other receivables | -14,169 | -39,030 | -24,825 | -10,956 | -33,357 | -33,254 |
| Trade & other payables | 7,463 | 31,359 | 20,234 | 49,848 | 33,757 | 33,653 |
| Provisions for other liabilities | 4,028 | 5,875 | 4,506 | 2,166 | 2,220 | 2,271 |
| Tax paid | -4,780 | -10,791 | -18,798 | -31,124 | -35,562 | -40,051 |
| Net cash flow from operating activities | 61,401 | 113,884 | 157,448 | 235,233 | 219,540 | 247,167 |
| Investment in fixed/intangible assets | -975 | -1,847 | -3,680 | -2,682 | -3,020 | -3,368 |
| Investments and acquisitions of investment property | -309,468 | -349,944 | -406,475 | -318,340 | -307,040 | -310,110 |
| Acquisition of subsidiaries | -72,350 | -38,561 | -445,922 | 0 | 0 | 0 |
| Proceeds from investments in financial assets | -28,070 | 62,449 | -358,971 | -9,770 | -10,258 | -10,771 |
| Cash flow from investing | -410,863 | -327,903 | -1,215,048 | -330,792 | -320,318 | -324,249 |
| Debt financing, net | 219,917 | 393,143 | 440,130 | 443,520 | 156,590 | 221,419 |
| Equity financing, net | 201,546 | 0 | 639,939 | 150,000 | 0 | 0 |
| Other financing activities | -7,562 | -11,648 | -23,735 | -38,375 | -76,701 | -90,345 |
| Net paid financing expenses | -12,874 | -29,887 | -32,864 | -37,788 | -37,765 | -36,959 |
| Cash flow from financing | 401,027 | 351,608 | 1,023,470 | 517,357 | 42,125 | 94,115 |
| Net cash flows | 51,565 | 137,589 | -34,130 | 421,799 | -58,653 | 17,033 |
| Cash, start of the year | 80,977 | 132,542 | 270,131 | 236,001 | 657,800 | 599,147 |
| Cash, end of the year | 132,542 | 270,131 | 236,001 | 657,800 | 599,147 | 616,180 |
| Adjusted EBITDA/share (in €) | 0.71 | 0.94 | 1.27 | 1.45 | 1.63 | 1.81 |
| FFO I | 38,143 | 76,106 | 127,915 | 153,402 | 180,690 | 209,068 |
| FFO/share (in €) | 0.50 | 0.66 | 0.89 | 1.00 | 1.16 | 1.32 |
| Y-Y Growth | | | | | | |
| Operating cash flow | n.a. | 85.5% | 38.3% | 49.4% | -6.7% | 12.6% |
| Adjusted EBITDA/share | n.a. | 32.6% | 33.9% | 14.3% | 13.0% | 10.5% |
| FFO I | n.a. | 99.5% | 68.1% | 19.9% | 17.8% | 15.7% |



FIRST BERLIN RECOMMENDATION & PRICE TARGET HISTORY

| Report No.: | Date of publication | Previous day closing price | Recommendation | Price target |
|-------------------|---------------------|----------------------------|----------------|-----------------|
| Initial Report | 21 January 2013 | €4.37 | Buy | €14.30 |
| 214 | \downarrow | 1 | \downarrow | ↓ |
| 15 | 18 May 2016 | €19.92 | Buy | €25.00 |
| 16 | 22 August 2016 | €20.09 | Buy | €26.00 |
| 17 | 18 November 2016 | €15.17 | Buy | €25.00 |
| 18 | Today | €16.88 | Buy | €25.00 |

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INFORMATION PURSUANT TO SECTION 34B OF THE GERMAN SECURITIES TRADING ACT [WPHG], TO REGULATION (EU) NO 596/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF APRIL 16, 2014, ON MARKET ABUSE (MARKET ABUSE REGULATION) AND TO THE GERMAN ORDINANCE ON THE ANALYSIS OF FINANCIAL INSTRUMENTS [FINANV]

First Berlin Equity Research GmbH (hereinafter referred to as: "First Berlin") prepares financial analyses while taking the relevant regulatory provisions, in particular the German Securities Trading Act [VVpHG], Regulation (EU) No 596/2014 of the European Parliament and of the Council of April 16, 2014, on market abuse (market abuse regulation) and the German Ordinance on the Analysis of Financial Instruments [FinAnV] into consideration. In the following First Berlin provides investors with information about the statutory provisions that are to be observed in the preparation of financial analyses.

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 for preparation of a financial analysis for which remuneration is owed;
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PRICE TARGET DATES

Unless otherwise indicated, current prices refer to the closing prices of the previous trading day.

AGREEMENT WITH THE ANALYSED COMPANY AND MAINTENANCE OF OBJECTIVITY

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ASSET VALUATION SYSTEM

First Berlin's system for asset valuation is divided into an asset recommendation and a risk assessment.

ASSET RECOMMENDATION

The recommendations determined in accordance with the share price trend anticipated by First Berlin in the respectively indicated investment period are as follows:

STRONG BUY: An expected favourable price trend of more than 50% combined with sizeable confidence in the quality and forecast security of management.

BUY: An expected favourable price trend of more than 25% percent.

ADD: An expected favourable price trend of between 0% and 25%.

REDUCE: An expected negative price trend of between 0% and -15%.

SELL: An expected negative price trend of more than -15%.

RISK ASSESSMENT

The First Berlin categories for risk assessment are low, average, high and speculative. They are determined by ten factors: Corporate governance, quality of earnings, management strength, balance sheet and financial risk, competitive position, standard of financial disclosure, regulatory and political uncertainty, strength of brandname, market capitalisation and free float. These risk factors are incorporated into the First Berlin valuation models and are thus included in the target prices. First Berlin customers may request the models.

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Legally required information regarding

- key sources of information in the preparation of this research report
- valuation methods and principles
- sensitivity of valuation parameters

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