(Open Market, Telecom/Internet)



| Hold | | Value Indicators: | EUR | Share data: | | Description: | |
|------------------|-------------|---------------------|-----------|-----------------------|--------------|--------------------------------|--------|
| пош | | DCF: | 50.40 | Bloomberg: | WSO1 GR | Operator of financial portals, | |
| FO FO | (EUD 40 00) | | | Reuters: | WSO1k.DE | including the largest German | |
| EUR 50.50 | (EUR 49.00) | | | ISIN: | DE000A2GS609 | financial user forum | |
| | | Market Snapshot: | EUR m | Shareholders: | | Risk Profile (WRe): | 2017e |
| Deire | EUD 54 00 | Market cap: | 78.54 | Freefloat | 27.0 % | Beta: | 1.4 |
| Price | EUR 51.00 | No. of shares (m): | 1.54 | AKD (André Kolbinger) | 39.0 % | Price / Book: | 24.8 x |
| Downside | -1.0 % | EV: | 73.93 | André Kolbinger | 34.0 % | Equity Ratio: | 87 % |
| | | Freefloat MC: | 21.21 | | | | |
| | | Ø Trad. Vol. (30d): | 148.40 th | | | | |

Strong start to the year and guidance increase

Wallstreet:online AG (w:o) has said development in Q2 is likely to be similar to the strong start to the year seen in Q1. The company gave an outlook for Q2 figures last Friday (20.04.2018), which are presumably set to reflect high growth rates and a continuation of the better than communicated developments in Q1/18, as already reported at the end of February. The company expects Q2 revenues of EUR 2.4m (+138% yoy) and EBT of EUR 1.6m (+383% yoy, 2017 without Markets Inside Media). Adding those figures to the preliminary Q1 results (revenue at EUR 2m and EBT at EUR 1m), w:o should reach revenues of EUR 4.4m and EBT of EUR 2.6m in H1/18.

Against this backdrop, w:o increased its 2018 revenue guidance range to EUR 8.4m to 10.3m (previously EUR 6.4m to 7.8m) and the EBT range to EUR 4.5m to 5.5m (previously EUR 2.4m to 2.9m). We estimate revenues of EUR 9.4m and EBT of 3.9m. Our EBT assumption is below the low point of the guidance. However, w:o's guidance does not include start-up losses from its ICO and Fintech businesses, which we assume to amount to EUR 1m. The new guidance is a result of the booming investor relations (IR) and digital advertising business. Nevertheless, the new business segments should not have contributed substantial revenues so far, leaving the P&L with the start-up costs. While our estimates already assumed that the traditional business would bring in higher revenues than previously communicated by the company, there is some further upside potential:

- Excluding the start-up losses for the ICO and Fintech businesses, the guidance implies an EBT margin improvement of about 5% compared to our long-term assumption
- The performance of the IR business was much better than expected in 2017 and in the first months of 2018 and, while this development could continue for the next years, we rather assume a growth rate of 12.5% in 2019, decreasing slightly in the following years.
- The potential of the ICO and Fintech businesses is not reflected in our model. Even though start-up losses are included, we do not include revenues until first proof of concept is visible.

In a nutshell, Wallstreet:online AG had a very good start to the year which resulted in the guidance increase. We slightly increased our profitability assumptions, which lifted our PT to EUR 50.5. Our recommendation remains Hold.

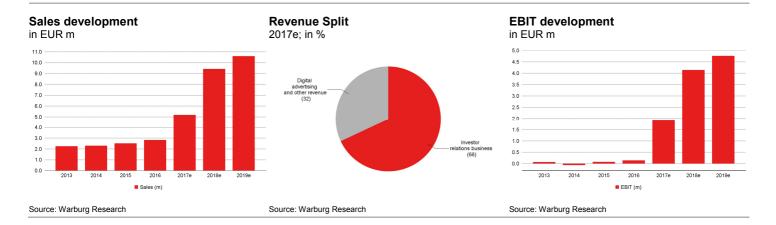
| Changes in E | stimates: | | | | | | Comment on Changes: |
|----------------------------|----------------|-------|----------------|-------|----------------|-------|---|
| FY End: 31.12. in EUR m | 2017e (old) | +/- | 2018e (old) | +/- | 2019e (old) | +/- | Profitability increases slightly based on higher EBIT margins |
| Sales | 5.19 | 0.0 % | 9.42 | 0.0 % | 10.60 | 0.0 % | |
| EBIT | 1.92 | 0.0 % | 3.91 | 6.0 % | 4.51 | 5.5 % | |
| EPS | 1.78 | 0.0 % | 2.34 | 6.8 % | 2.61 | 6.1 % | |





| FY End: 31.12. | CAGR | | | | | | | |
|---------------------|--------------|--------|--------|--------|--------|--------|--------|--------|
| in EUR m | (16-19e) | 2013 | 2014 | 2015 | 2016 | 2017e | 2018e | 2019e |
| Sales | 55.3 % | 2.25 | 2.30 | 2.52 | 2.83 | 5.19 | 9.42 | 10.60 |
| Change Sales yoy | | 21.1 % | 2.2 % | 9.5 % | 12.3 % | 83.1 % | 81.7 % | 12.5 % |
| Gross profit margin | | 81.5 % | 78.3 % | 84.3 % | 81.3 % | 86.9 % | 82.5 % | 82.4 % |
| EBITDA | 138.5 % | 0.28 | 0.20 | 0.40 | 0.38 | 2.13 | 4.44 | 5.10 |
| Margin | 130.3 /0 | 12.5 % | 8.7 % | 15.9 % | 13.3 % | 41.0 % | 47.1 % | 48.1 % |
| EBIT | 221.3 % | 0.07 | -0.07 | 0.08 | 0.14 | 1.92 | 47.1 % | 46.1 % |
| | 221.3 % | | | | | | | |
| Margin | | 3.1 % | -2.9 % | 3.0 % | 5.1 % | 37.0 % | 44.0 % | 44.9 % |
| Net income | 209.6 % | 0.08 | -0.07 | 0.08 | 0.14 | 1.82 | 3.84 | 4.26 |
| EPS | 170.5 % | 0.08 | -0.06 | 0.08 | 0.14 | 1.78 | 2.50 | 2.77 |
| EPS adj. | 170.5 % | 0.08 | -0.06 | 0.08 | 0.14 | 1.78 | 2.50 | 2.77 |
| DPS | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Dividend Yield | | n.a. |
| FCFPS | | 0.28 | 0.20 | 0.34 | 0.31 | 1.26 | 2.16 | 2.46 |
| EV / Sales | | 1.4 x | 1.0 x | 1.2 x | 1.0 x | 9.8 x | 7.8 x | 6.6 x |
| EV / EBITDA | | 11.6 x | 12.0 x | 7.8 x | 7.4 x | 23.9 x | 16.7 x | 13.8 x |
| EV / EBIT | | 46.6 x | n.a. | 40.7 x | 19.4 x | 26.5 x | 17.8 x | 14.7 x |
| P/E | | 55.9 x | n.a. | 52.1 x | 29.5 x | 28.7 x | 20.4 x | 18.4 x |
| P / E adj. | | 55.9 x | n.a. | 52.1 x | 29.5 x | 28.7 x | 20.4 x | 18.4 x |
| FCF Potential Yield | | 8.6 % | 8.3 % | 12.8 % | 13.5 % | 4.0 % | 5.6 % | 6.6 % |
| Net Debt | | -1.29 | -1.03 | -1.12 | -1.43 | -1.18 | -4.61 | -8.39 |
| ROE | | 4.5 % | -4.2 % | 4.9 % | 8.3 % | 93.1 % | 25.0 % | 13.9 % |
| ROCE (NOPAT) | | 90.4 % | n.a. | 15.0 % | 32.4 % | n.a. | 30.9 % | 17.7 % |
| | 2018: Revenu | | | | | | | |



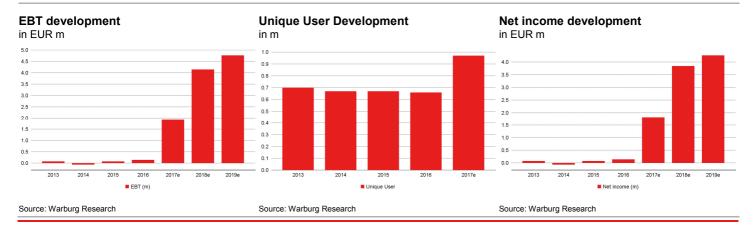


Company Background

- The operation of the German financial information platforms www.wallstreet-online.de and www.boersennews.de forms the core business of the company.
- The financial user forum on www.wallstreet-online.de is the biggest in Germany with more than 460k active users and 1.1m articles on more than 80 topics.
- The users of the portals are very homogeneous and thus attractive for advertisers in terms of specific targeting.
- The company aims at further diversification along the value chain of financial services and capital markets to broaden the offering to the customer.

Competitive Quality

- Strong player in race for number two in German financial portals. Merger with boersennews.de strengthens mobile offering.
- Key differentiator is the large user forum, resulting in a high number of loyal users, who also generate new content.
- Homogeneous user structure makes advertisers' targeting more specific, resulting in comparably high prices for marketing space on the platform.
- Future diversification of revenue streams will reduce cyclicality and, to a certain extent, decouple the company's revenues from capital market developments.





| DCF model | | | | | | | | | | | | | | |
|-----------------------------|---------|-----------|----------|--------|--------|--------|--------|--------------|-----------|--------|--------|--------|--------|-------------|
| | Detaile | d forecas | t period | | | | ٦ | Transition (| al period | | | | | Term. Value |
| Figures in EUR m | 2017e | 2018e | 2019e | 2020e | 2021e | 2022e | 2023e | 2024e | 2025e | 2026e | 2027e | 2028e | 2029e | |
| Sales | 5.19 | 9.42 | 10.60 | 11.66 | 12.82 | 13.78 | 14.82 | 15.56 | 16.34 | 17.15 | 17.67 | 18.20 | 18.75 | |
| Sales change | 83.1 % | 81.7 % | 12.5 % | 10.0 % | 10.0 % | 7.5 % | 7.5 % | 5.0 % | 5.0 % | 5.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % |
| EBIT | 1.92 | 4.14 | 4.76 | 5.36 | 6.03 | 6.55 | 7.11 | 7.47 | 7.84 | 8.23 | 8.48 | 8.74 | 9.00 | |
| EBIT-margin | 37.0 % | 44.0 % | 44.9 % | 46.0 % | 47.0 % | 47.5 % | 48.0 % | 48.0 % | 48.0 % | 48.0 % | 48.0 % | 48.0 % | 48.0 % | |
| Tax rate (EBT) | 5.2 % | 7.2 % | 10.5 % | 15.0 % | 20.0 % | 25.0 % | 30.0 % | 30.0 % | 32.0 % | 32.0 % | 32.0 % | 32.0 % | 32.0 % | |
| NOPAT | 1.82 | 3.84 | 4.26 | 4.56 | 4.82 | 4.91 | 4.98 | 5.23 | 5.33 | 5.60 | 5.77 | 5.94 | 6.12 | |
| Depreciation | 0.21 | 0.30 | 0.33 | 0.35 | 0.38 | 0.41 | 0.44 | 0.47 | 0.49 | 0.51 | 0.53 | 0.55 | 0.56 | |
| in % of Sales | 4.0 % | 3.1 % | 3.1 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | |
| Changes in provisions | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Change in Liquidity from | | | | | | | | | | | | | | |
| - Working Capital | 0.33 | 0.30 | 0.20 | 0.09 | 0.13 | 0.11 | 0.11 | 0.08 | 0.09 | 0.09 | 0.06 | 0.06 | 0.06 | |
| - Capex | 0.41 | 0.51 | 0.61 | 0.58 | 0.58 | 0.55 | 0.44 | 0.47 | 0.49 | 0.51 | 0.53 | 0.55 | 0.56 | |
| Capex in % of Sales | 7.9 % | 5.4 % | 5.8 % | 5.0 % | 4.5 % | 4.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | 3.0 % | |
| Other | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Free Cash Flow (WACC Model) | 1.28 | 3.33 | 3.79 | 4.23 | 4.50 | 4.67 | 4.87 | 5.15 | 5.25 | 5.51 | 5.71 | 5.88 | 6.06 | 6 |
| PV of FCF | 1.33 | 3.17 | 3.31 | 3.40 | 3.32 | 3.16 | 3.03 | 2.94 | 2.76 | 2.66 | 2.53 | 2.40 | 2.27 | 40 |
| share of PVs | | 10.25 % | | | | | | 37.37 | 7 % | | | | | 52.38 % |

| Model parameter | | | | Valuation (m) | | | |
|--------------------------|--------|---------------------|------|----------------------------|----|-----------------------|-------|
| Derivation of WACC: | | Derivation of Beta: | | Present values 2029e | 36 | | |
| | | | | Terminal Value | 40 | | |
| Debt ratio | 5.00 % | Financial Strength | 1.00 | Financial liabilities | 0 | | |
| Cost of debt (after tax) | 2.3 % | Liquidity (share) | 1.40 | Pension liabilities | 0 | | |
| Market return | 7.00 % | Cyclicality | 1.60 | Hybrid capital | 0 | | |
| Risk free rate | 1.50 % | Transparency | 1.50 | Minority interest | 0 | | |
| | | Others | 1.50 | Market val. of investments | 0 | | |
| | | | | Liquidity | 1 | No. of shares (m) | 1.5 |
| WACC | 8.85 % | Beta | 1.40 | Equity Value | 78 | Value per share (EUR) | 50.40 |

| Sens | itivity Va | lue per Sh | are (EUR |) | | | | | | | | | | | | | |
|------|------------|------------|----------|--------|--------|--------|--------|--------|------|-------|------------|---------|---------|---------|---------|---------|---------|
| | | Terminal (| Growth | | | | | | | | Delta EBIT | -margin | | | | | |
| Beta | WACC | 2.25 % | 2.50 % | 2.75 % | 3.00 % | 3.25 % | 3.50 % | 3.75 % | Beta | WACC | -1.5 pp | -1.0 pp | -0.5 pp | +0.0 pp | +0.5 pp | +1.0 pp | +1.5 pp |
| 1.59 | 9.9 % | 41.30 | 41.91 | 42.56 | 43.26 | 44.01 | 44.83 | 45.71 | 1.59 | 9.9 % | 41.86 | 42.32 | 42.79 | 43.26 | 43.73 | 44.20 | 44.67 |
| 1.50 | 9.4 % | 44.16 | 44.90 | 45.69 | 46.55 | 47.47 | 48.48 | 49.58 | 1.50 | 9.4 % | 45.04 | 45.54 | 46.04 | 46.55 | 47.05 | 47.55 | 48.06 |
| 1.45 | 9.1 % | 45.75 | 46.56 | 47.44 | 48.39 | 49.43 | 50.55 | 51.78 | 1.45 | 9.1 % | 46.83 | 47.35 | 47.87 | 48.39 | 48.92 | 49.44 | 49.96 |
| 1.40 | 8.9 % | 47.46 | 48.36 | 49.34 | 50.40 | 51.55 | 52.82 | 54.21 | 1.40 | 8.9 % | 48.77 | 49.31 | 49.85 | 50.40 | 50.94 | 51.49 | 52.03 |
| 1.35 | 8.6 % | 49.30 | 50.31 | 51.40 | 52.58 | 53.88 | 55.31 | 56.88 | 1.35 | 8.6 % | 50.88 | 51.45 | 52.02 | 52.58 | 53.15 | 53.72 | 54.28 |
| 1.30 | 8.4 % | 51.30 | 52.42 | 53.64 | 54.97 | 56.44 | 58.05 | 59.84 | 1.30 | 8.4 % | 53.20 | 53.79 | 54.38 | 54.97 | 55.56 | 56.16 | 56.75 |
| 1.21 | 7.9 % | 55.84 | 57.24 | 58.79 | 60.49 | 62.38 | 64.48 | 66.85 | 1.21 | 7.9 % | 58.54 | 59.19 | 59.84 | 60.49 | 61.14 | 61.79 | 62.44 |

[•] We assume EBIT-margin to stand at slightly below 50% in a steady state scenario.



| Valuation | | | | | | | |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| | 2013 | 2014 | 2015 | 2016 | 2017e | 2018e | 2019e |
| Price / Book | 2.8 x | 2.2 x | 2.6 x | 2.3 x | 24.8 x | 2.8 x | 2.4 x |
| Book value per share ex intangibles | 1.08 | 1.14 | 1.32 | 1.59 | 1.69 | 3.54 | 6.07 |
| EV / Sales | 1.4 x | 1.0 x | 1.2 x | 1.0 x | 9.8 x | 7.8 x | 6.6 x |
| EV / EBITDA | 11.6 x | 12.0 x | 7.8 x | 7.4 x | 23.9 x | 16.7 x | 13.8 x |
| EV / EBIT | 46.6 x | n.a. | 40.7 x | 19.4 x | 26.5 x | 17.8 x | 14.7 x |
| EV / EBIT adj.* | 46.6 x | n.a. | 40.7 x | 19.4 x | 26.5 x | 17.8 x | 14.7 x |
| P/FCF | 15.8 x | 17.1 x | 12.1 x | 13.3 x | 40.6 x | 23.6 x | 20.7 x |
| P/E | 55.9 x | n.a. | 52.1 x | 29.5 x | 28.7 x | 20.4 x | 18.4 x |
| P / E adj.* | 55.9 x | n.a. | 52.1 x | 29.5 x | 28.7 x | 20.4 x | 18.4 x |
| Dividend Yield | n.a. |
| FCF Potential Yield (on market EV) | 8.6 % | 8.3 % | 12.8 % | 13.5 % | 4.0 % | 5.6 % | 6.6 % |
| *Adjustments made for: - | | | | | | | |

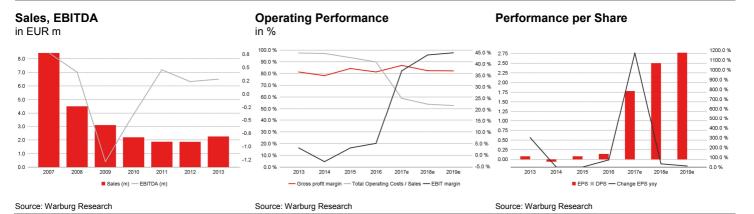
| Company Specific Items | | | | | | | |
|------------------------|------|------|------|------|-------|-------|-------|
| | 2013 | 2014 | 2015 | 2016 | 2017e | 2018e | 2019e |
| Unique User | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | n.a. | n.a. |



| Consolidated profit & loss | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|
| In EUR m | 2013 | 2014 | 2015 | 2016 | 2017e | 2018e | 2019 |
| Sales | 2.25 | 2.30 | 2.52 | 2.83 | 5.19 | 9.42 | 10.60 |
| Change Sales yoy | 21.1 % | 2.2 % | 9.5 % | 12.3 % | 83.1 % | 81.7 % | 12.5 % |
| Increase / decrease in inventory | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| Own work capitalised | 0.23 | 0.13 | 0.24 | 0.09 | 0.10 | 0.10 | 0.10 |
| Total Sales | 2.48 | 2.44 | 2.76 | 2.92 | 5.29 | 9.52 | 10.7 |
| Material expenses | 0.64 | 0.63 | 0.64 | 0.62 | 0.78 | 1.74 | 1.9 |
| Gross profit | 1.84 | 1.80 | 2.12 | 2.30 | 4.51 | 7.78 | 8.7 |
| Gross profit margin | 81.5 % | 78.3 % | 84.3 % | 81.3 % | 86.9 % | 82.5 % | 82.4 % |
| Personnel expenses | 1.04 | 1.22 | 1.33 | 1.55 | 1.82 | 2.58 | 2.79 |
| Other operating income | 0.06 | 0.07 | 0.06 | 0.00 | 0.00 | 0.00 | 0.0 |
| Other operating expenses | 0.58 | 0.45 | 0.45 | 0.38 | 0.47 | 0.75 | 0.8 |
| Unfrequent items | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| EBITDA | 0.28 | 0.20 | 0.40 | 0.38 | 2.13 | 4.44 | 5.10 |
| Margin | 12.5 % | 8.7 % | 15.9 % | 13.3 % | 41.0 % | 47.1 % | 48.1 % |
| Depreciation of fixed assets | -0.03 | -0.03 | -0.03 | -0.03 | 0.00 | 0.00 | 0.0 |
| EBITA | 0.31 | 0.23 | 0.43 | 0.40 | 2.13 | 4.44 | 5.1 |
| Amortisation of intangible assets | 0.21 | 0.27 | 0.32 | 0.23 | 0.21 | 0.30 | 0.33 |
| Goodwill amortisation | 0.03 | 0.03 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 |
| EBIT | 0.07 | -0.07 | 0.08 | 0.14 | 1.92 | 4.14 | 4.70 |
| Margin | 3.1 % | -2.9 % | 3.0 % | 5.1 % | 37.0 % | 44.0 % | 44.9 % |
| EBIT adj. | 0.07 | -0.07 | 0.08 | 0.14 | 1.92 | 4.14 | 4.70 |
| Interest income | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| Interest expenses | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other financial income (loss) | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| EBT | 0.08 | -0.07 | 0.08 | 0.14 | 1.92 | 4.14 | 4.70 |
| Margin | 3.5 % | -2.9 % | 3.1 % | 5.1 % | 37.0 % | 44.0 % | 44.9 % |
| Total taxes | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.30 | 0.50 |
| Net income from continuing operations | 0.08 | -0.07 | 0.08 | 0.14 | 1.82 | 3.84 | 4.20 |
| Income from discontinued operations (net of tax) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Net income before minorities | 0.08 | -0.07 | 0.08 | 0.14 | 1.82 | 3.84 | 4.20 |
| Minority interest | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Net income | 0.08 | -0.07 | 0.08 | 0.14 | 1.82 | 3.84 | 4.20 |
| Margin | 3.5 % | -2.9 % | 3.1 % | 5.1 % | 35.1 % | 40.8 % | 40.2 % |
| Number of shares, average | 1.02 | 1.02 | 1.02 | 1.02 | 1.02 | 1.54 | 1.54 |
| EPS | 0.08 | -0.06 | 0.08 | 0.14 | 1.78 | 2.50 | 2.7 |
| EPS adj. | 0.08 | -0.06 | 0.08 | 0.14 | 1.78 | 2.50 | 2.7 |
| *Adjustments made for: | | | | | | | |

Guidance: 2018: Revenue EUR 8.4m - 10.3m; EBT EUR 4.5m - 5.5m

| Financial Ratios | | | | | | | |
|-------------------------------|------------|--------|--------|--------|--------|--------|--------|
| | 2013 | 2014 | 2015 | 2016 | 2017e | 2018e | 2019e |
| Total Operating Costs / Sales | 97.5 % | 97.1 % | 93.7 % | 89.9 % | 59.0 % | 53.9 % | 52.9 % |
| Operating Leverage | -2.0 x | n.a. | n.a. | 7.1 x | 14.9 x | 1.3 x | 1.2 x |
| EBITDA / Interest expenses | 302063.4 x | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Tax rate (EBT) | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 5.2 % | 7.2 % | 10.5 % |
| Dividend Payout Ratio | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % |
| Sales per Employee | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |

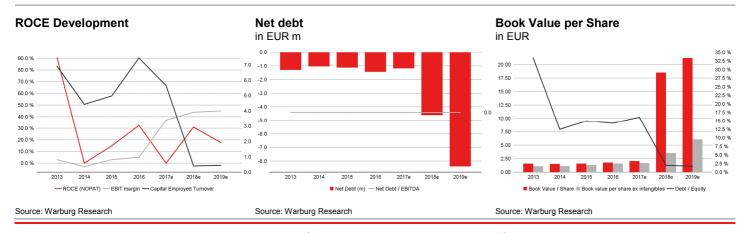






| Consolidated balance sheet | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|------|
| In EUR m | 2013 | 2014 | 2015 | 2016 | 2017e | 2018e | 2019 |
| Assets | | | | | | | |
| Goodwill and other intangible assets | 0.51 | 0.39 | 0.28 | 0.19 | 0.38 | 23.08 | 23.3 |
| thereof other intangible assets | 0.43 | 0.34 | 0.25 | 0.19 | 0.38 | 23.08 | 23.3 |
| thereof Goodwill | 0.08 | 0.05 | 0.03 | 0.00 | 0.00 | 0.00 | 0.0 |
| Property, plant and equipment | 0.04 | 0.04 | 0.03 | 0.02 | 0.03 | 0.04 | 0.0 |
| Financial assets | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| Other long-term assets | 0.00 | 0.00 | 0.05 | 0.01 | 0.00 | 0.00 | 0.0 |
| Fixed assets | 0.56 | 0.44 | 0.36 | 0.22 | 0.41 | 23.13 | 23.4 |
| Inventories | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.0 |
| Accounts receivable | 0.30 | 0.25 | 0.37 | 0.39 | 0.70 | 1.30 | 1.5 |
| Liquid assets | 1.29 | 1.03 | 1.12 | 1.43 | 1.18 | 4.61 | 8.3 |
| Other short-term assets | 0.03 | 0.02 | 0.01 | 0.03 | 0.03 | 0.03 | 0.0 |
| Current assets | 1.62 | 1.30 | 1.51 | 1.85 | 2.01 | 5.93 | 9.9 |
| Total Assets | 2.20 | 1.70 | 1.90 | 2.10 | 2.40 | 29.10 | 33.3 |
| Liabilities and shareholders' equity | | | | | | | |
| Subscribed capital | 7.67 | 7.67 | 2.56 | 2.56 | 1.02 | 1.54 | 1.5 |
| Capital reserve | 0.01 | 0.01 | 5.12 | 5.12 | 5.12 | 27.10 | 27.1 |
| Retained earnings | 0.00 | 0.00 | 0.00 | 0.00 | -0.10 | -0.40 | -0.9 |
| Other equity components | -6.06 | -6.12 | -6.05 | -5.87 | -3.95 | 0.30 | 4.9 |
| Shareholders' equity | 1.62 | 1.55 | 1.63 | 1.81 | 2.10 | 28.54 | 32.7 |
| Minority interest | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| Total equity | 1.62 | 1.55 | 1.63 | 1.81 | 2.10 | 28.54 | 32.7 |
| Provisions | 0.12 | 0.09 | 0.10 | 0.16 | 0.16 | 0.16 | 0.1 |
| thereof provisions for pensions and similar obligations | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| Financial liabilities (total) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| thereof short-term financial liabilities | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0 |
| Accounts payable | 0.05 | 0.04 | 0.05 | 0.02 | 0.10 | 0.30 | 0.3 |
| Other liabilities | 0.37 | 0.06 | 0.09 | 0.08 | 0.08 | 0.12 | 0.1 |
| Liabilities | 0.54 | 0.19 | 0.24 | 0.26 | 0.34 | 0.57 | 0.5 |
| Total liabilities and shareholders' equity | 2.20 | 1.70 | 1.90 | 2.10 | 2.40 | 29.10 | 33.3 |

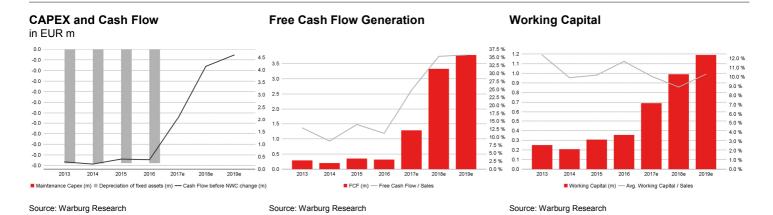
| Financial Ratios | | | | | | | |
|-------------------------------------|---------|---------|---------|---------|---------|---------|---------|
| | 2013 | 2014 | 2015 | 2016 | 2017e | 2018e | 2019e |
| Efficiency of Capital Employment | | | | | | | |
| Operating Assets Turnover | 7.7 x | 9.2 x | 7.4 x | 7.5 x | 7.2 x | 9.1 x | 8.5 x |
| Capital Employed Turnover | 6.9 x | 4.4 x | 5.0 x | 7.4 x | 5.6 x | 0.4 x | 0.4 x |
| ROA | 14.1 % | -15.2 % | 21.4 % | 65.3 % | 441.1 % | 16.6 % | 18.2 % |
| Return on Capital | | | | | | | |
| ROCE (NOPAT) | 90.4 % | n.a. | 15.0 % | 32.4 % | n.a. | 30.9 % | 17.7 % |
| ROE | 4.5 % | -4.2 % | 4.9 % | 8.3 % | 93.1 % | 25.0 % | 13.9 % |
| Adj. ROE | 4.5 % | -4.2 % | 4.9 % | 8.3 % | 93.1 % | 25.0 % | 13.9 % |
| Balance sheet quality | | | | | | | |
| Net Debt | -1.29 | -1.03 | -1.12 | -1.43 | -1.18 | -4.61 | -8.39 |
| Net Financial Debt | -1.29 | -1.03 | -1.12 | -1.43 | -1.18 | -4.61 | -8.39 |
| Net Gearing | -79.8 % | -66.5 % | -69.0 % | -79.0 % | -56.2 % | -16.1 % | -25.7 % |
| Net Fin. Debt / EBITDA | n.a. |
| Book Value / Share | 1.6 | 1.5 | 1.6 | 1.8 | 2.1 | 18.5 | 21.2 |
| Book value per share ex intangibles | 1.1 | 1.1 | 1.3 | 1.6 | 1.7 | 3.5 | 6.1 |





| Consolidated cash flow statement | | | | | | | |
|--|-------|-------|-------|-------|-------|--------|-------|
| In EUR m | 2013 | 2014 | 2015 | 2016 | 2017e | 2018e | 2019 |
| Net income | 0.08 | -0.07 | 0.08 | 0.14 | 1.82 | 3.84 | 4.26 |
| Depreciation of fixed assets | -0.03 | -0.03 | -0.03 | -0.03 | 0.00 | 0.00 | 0.00 |
| Amortisation of goodwill | 0.03 | 0.03 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 |
| Amortisation of intangible assets | 0.21 | 0.27 | 0.32 | 0.23 | 0.21 | 0.30 | 0.33 |
| Increase/decrease in long-term provisions | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other non-cash income and expenses | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cash Flow before NWC change | 0.29 | 0.20 | 0.40 | 0.38 | 2.03 | 4.14 | 4.60 |
| Increase / decrease in inventory | 0.00 | 0.00 | 0.00 | 0.00 | -0.10 | 0.10 | 0.00 |
| Increase / decrease in accounts receivable | 0.00 | 0.00 | 0.00 | -0.02 | -0.31 | -0.60 | -0.20 |
| Increase / decrease in accounts payable | 0.00 | 0.00 | 0.00 | -0.03 | 0.08 | 0.20 | 0.00 |
| Increase / decrease in other working capital positions | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Increase / decrease in working capital (total) | 0.00 | 0.00 | 0.00 | -0.05 | -0.33 | -0.30 | -0.20 |
| Net cash provided by operating activities [1] | 0.29 | 0.20 | 0.40 | 0.33 | 1.69 | 3.84 | 4.40 |
| Investments in intangible assets | 0.00 | 0.00 | 0.00 | 0.00 | -0.40 | -0.50 | -0.60 |
| Investments in property, plant and equipment | 0.00 | 0.00 | -0.05 | -0.01 | -0.01 | -0.01 | -0.01 |
| Payments for acquisitions | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -22.50 | 0.00 |
| Financial investments | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Income from asset disposals | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Net cash provided by investing activities [2] | 0.00 | 0.00 | -0.05 | -0.01 | -0.41 | -23.01 | -0.61 |
| Change in financial liabilities | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Dividends paid | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Purchase of own shares | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Capital measures | 0.00 | 0.00 | 0.00 | 0.00 | -1.53 | 22.50 | 0.00 |
| Other | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Net cash provided by financing activities [3] | 0.00 | 0.00 | 0.00 | 0.00 | -1.53 | 22.50 | 0.00 |
| Change in liquid funds [1]+[2]+[3] | 0.29 | 0.20 | 0.35 | 0.32 | -0.25 | 3.33 | 3.79 |
| Effects of exchange-rate changes on cash | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cash and cash equivalent at end of period | 1.83 | 1.49 | 1.38 | 1.44 | 1.18 | 4.61 | 8.39 |

| Financial Ratios | | | | | | | |
|--------------------------------------|---------|----------|---------|----------|---------|---------|---------|
| | 2013 | 2014 | 2015 | 2016 | 2017e | 2018e | 2019e |
| Cash Flow | | | | | | | |
| FCF | 0.29 | 0.20 | 0.35 | 0.32 | 1.28 | 3.33 | 3.79 |
| Free Cash Flow / Sales | 12.8 % | 8.8 % | 13.9 % | 11.2 % | 24.7 % | 35.3 % | 35.7 % |
| Free Cash Flow Potential | 0.28 | 0.20 | 0.40 | 0.38 | 2.03 | 4.14 | 4.60 |
| Free Cash Flow / Net Profit | 368.3 % | -305.1 % | 453.6 % | 220.4 % | 70.4 % | 86.6 % | 88.8 % |
| Interest Received / Avg. Cash | 1.1 % | 0.1 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % |
| Interest Paid / Avg. Debt | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| Management of Funds | | | | | | | |
| Investment ratio | 0.0 % | 0.0 % | 2.0 % | 0.4 % | 7.9 % | 5.4 % | 5.8 % |
| Maint. Capex / Sales | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % |
| Capex / Dep | 0.0 % | 0.0 % | 15.4 % | 4.5 % | 197.9 % | 172.2 % | 182.9 % |
| Avg. Working Capital / Sales | 12.4 % | 9.9 % | 10.2 % | 11.7 % | 10.1 % | 8.9 % | 10.3 % |
| Trade Debtors / Trade Creditors | 640.2 % | 599.0 % | 709.1 % | 1647.1 % | 700.0 % | 433.3 % | 500.0 % |
| Inventory Turnover | n.a. | n.a. | n.a. | n.a. | 7.8 x | n.a. | n.a. |
| Receivables collection period (days) | 48 | 39 | 53 | 50 | 49 | 50 | 52 |
| Payables payment period (days) | 26 | 24 | 30 | 14 | 47 | 63 | 56 |
| Cash conversion cycle (Days) | n.a. | n.a. | n.a. | n.a. | 2 | n.a. | n.a. |



COMMENT Published 24.04.2018 7



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|-------------------|------------|--|
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9



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| -B- | Buy: | The price of the analysed financial instrument is expected to rise over the next 12 months. |
|------------|-------------------|---|
| -H- | Hold: | The price of the analysed financial instrument is expected to remain mostly flat over the next 12 months. |
| -S- | Sell: | The price of the analysed financial instrument is expected to fall over the next 12 months. |
| <u>"_"</u> | Rating suspended: | The available information currently does not permit an evaluation of the company. |

| WARBURG RESEARCH GMBH – ANALYSED RESEARCH UNIVERSE BY RATIN | G |
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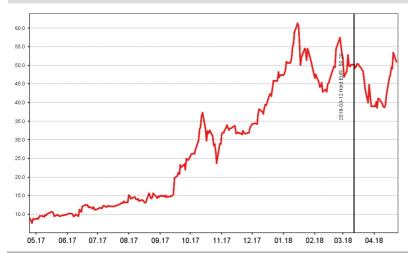
| Rating | Number of stocks | % of Universe |
|------------------|------------------|---------------|
| Buy | 111 | 54 |
| Hold | 92 | 44 |
| Sell | 4 | 2 |
| Rating suspended | 0 | 0 |
| Total | 207 | 100 |

WARBURG RESEARCH GMBH - ANALYSED RESEARCH UNIVERSE BY RATING ...

... taking into account only those companies which were provided with major investment services in the last twelve months.

| Rating | Number of stocks | % of Universe |
|------------------|------------------|---------------|
| Buy | 32 | 73 |
| Hold | 12 | 27 |
| Sell | 0 | 0 |
| Rating suspended | 0 | 0 |
| Total | 44 | 100 |

PRICE AND RATING HISTORY WALLSTREET: ONLINE AS OF 24.04.2018



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