Others - Germany

Buy (old: Buy)

08.05.2024

6.00

EUR 5.50 (old: EUR 5.50)

Third final in club history guarantees extra profit / chg.

On Tuesday, BVB visited Paris St. Germain for the second leg of the UEFA Champions League semifinal. Thanks to a 1-0 victory, the team managed to advance to the final for the first time since 2013. With this, the club can now expect additional UEFA prize money payments of at least \in 15.5m. Consequently, we anticipate an increase of the EBT and EBITDA guidance, as we have seen it after previous UCL advancements. Keep in mind that those premium payments have a de facto 100% margin.

The final in London will see BVB take on the winner of the Real Madrid vs Bayern Munich fixture, which is taking place tonight. Against either team BVB should be seen in the outsider role, and we therefore do not model any income from a potential Champions League victory. However, should Borussia Dortmund manage to win the final, the club would receive additional premium payments of \in 4.5m for the victory, along with at least \in 3.5m for participating in the UEFA Super Cup (UCL winner vs UEL winner).

Looking at the Bundesliga table, Borussia Dortmund has mathematically secured at least 5th place, guaranteeing the club's participation in the upcoming Champions League season. Notably, this qualification marks an important achievement for BVB, especially considering the upcoming UCL season will be played in a new format with an increased prize money pool of \in 2.5bn (+25%).

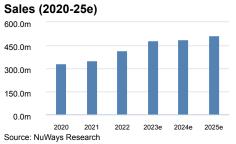
Furthermore, BVB has released its Q3 prelims, which showed a slight revenue decrease 2.7% yoy to \in 98.2m, which can be primarily attributed to a reduced number of home games. Consequently, there was a decline in revenues from Match Operations (down 16% yoy to \in 10.7m) as well as from the Conference, Catering and Miscellaneous segment (down 14% yoy to \in 8.5m). However, the TV-marketing segment experienced a 9% yoy increase, reaching \in 38.1m, while Advertising sales showed a 3% uptick, amounting to \in 35.5m. Q3 EBITDA came in at \in -1.8m, compared to \in 8.1m in the previous year.

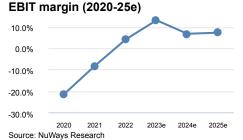
Lastly, Borussia Dortmund has announced changes to its executive board, including the appointment of Lars Ricken as a new member. Ricken, a former BVB player and director of the youth academy, will now be responsible for sporting activities, effective May 1st. Hans-Joachim Watzke, set to depart the executive board by the end of 2025 had previously announced plans to delegate sporting responsibilities by summer 2024, a decision now honoured by the executive committee with the appointment of Ricken.

Reiterate BUY with an unchanged PT of € 5.50 based on DCF.

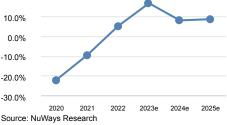
| Y/E 30.06 (EUR m) | 2020/21 | 2021/22 | 2022/23 | 2023/24e | 2024/25e | 2025/26e |
|--------------------------|---------|---------|---------|----------|----------|----------|
| Sales | 334.2 | 351.6 | 418.2 | 482.6 | 486.9 | 514.7 |
| Sales growth | -9.7% | 5.2% | 18.9% | 15.4% | 0.9% | 5.7% |
| EBITDA | 38.9 | 80.8 | 123.2 | 165.5 | 154.5 | 163.3 |
| Net debt (if net cash=0) | 76.2 | 6.6 | 67.5 | 18.9 | -12.2 | -39.8 |
| FCF | -46.1 | -16.1 | -22.3 | 48.6 | 31.1 | 34.2 |
| Net Debt/EBITDA | 2.0 | 0.1 | 0.5 | 0.1 | 0.0 | 0.0 |
| EPS pro forma | -0.66 | -0.32 | 0.09 | 0.51 | 0.20 | 0.23 |
| EBITDA margin | 11.7% | 23.0% | 29.5% | 34.3% | 31.7% | 31.7% |
| ROCE | -22.2% | -9.6% | 5.2% | 16.8% | 8.0% | 8.7% |
| EV/sales | 2.1 | 1.2 | 1.1 | 0.9 | 0.8 | 0.7 |
| EV/EBITDA | 17.8 | 5.0 | 3.8 | 2.5 | 2.5 | 2.2 |
| PER | -5.5 | -11.4 | 41.8 | 7.2 | 18.2 | 16.0 |
| Adjusted FCF yield | -10.4% | -7.6% | 3.4% | 12.7% | 6.0% | 7.5% |

Source: Company data, NuWays, Close price as of 30.04.2024





ROCE (2020-25e)



Company description

Borussia Dortmund operates a professional football club with a strong brand power and reputation in both national and international football. The main revenues are generated from sponsorship, ticketing, transfers and merchandising.



| Share Performance |
|-------------------|
|-------------------|

| 5.60 5.20 4.80 4.40 4.00 3.60 3.20 2.80 | Λ | ~~~ | M | M | | \sim | ► |
|--|--------------------|------------------|----------------------------------|-------|-------|-------------------------------------|---|
| 2.80 | 05/23 | 07/23 | 09/23 | 11/23 | 01/24 | 03/24 | |
| 3m 6m | rel. po rel. po | erforn erforn | eeks (nance nance manc | | | 3 / 3.3 0.1% -14.1% -20.1% | 6 |

| Market data | | | | | |
|-----------------------------|---------|--|--|--|--|
| Share price (in €) | 3.70 | | | | |
| Market cap (in € m) | 399.6 | | | | |
| Number of shares (in m pcs) | 110.4 | | | | |
| Enterprise value (in € m) | 387.4 | | | | |
| Ø trading volume (6 months) | 136,745 | | | | |

| | Identifier |
|-----------|--------------|
| Bloomberg | BVB GR |
| Reuters | BVB.DE |
| WKN | 549309 |
| ISIN | DE0005493092 |

| Key shareholders | | | | | |
|--|-------|--|--|--|--|
| Bernd Geske | 8.2% | | | | |
| Evonik Industries AG | 8.2% | | | | |
| SIGNAL IDUNA | 6.0% | | | | |
| PUMA SE | 5.3% | | | | |
| Ralph Dommermuth Beteili- gungen GmbH | 5.0% | | | | |
| Free Float | 67.2% | | | | |

| Estimates changes | | | | | | | |
|----------------------|----------------------------|------------------------------|------------------------------|--|--|--|--|
| Sales EBIT EPS | 2023/24e 1% 1% 8% | 2024/25e 0% -4% -4% | 2025/26e 0% -3% -4% | | | | |

Comment on changes

 We adjusted our forecast model following the release of the preliminary Q3 figures as well as reaching the UCL final

- EBITDA: € 104-114m
- Net income: € 33-43m

Update - 08.05.2024



Financials

| Profit and loss (EUR m) | 2020/21 | 2021/22 | 2022/23 | 2023/24e | 2024/25e | 2025/26e |
|---|---------|---------|---------|----------|----------|----------|
| Net sales | 334.2 | 351.6 | 418.2 | 482.6 | 486.9 | 514.7 |
| Sales growth | -9.7% | 5.2% | 18.9% | 15.4% | 0.9% | 5.7% |
| Increase/decrease in finished goods and work-in-process | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total sales | 334.2 | 351.6 | 418.2 | 482.6 | 486.9 | 514.7 |
| Other operating income | 25.8 | 85.4 | 79.3 | 125.6 | 105.8 | 111.9 |
| Material expenses | 19.6 | 22.6 | 24.1 | 35.3 | 34.1 | 36.0 |
| Personnel expenses | 215.6 | 231.2 | 236.2 | 253.0 | 243.5 | 257.3 |
| Other operating expenses | 85.8 | 102.4 | 114.0 | 154.4 | 160.7 | 169.8 |
| Total operating expenses | 295.2 | 270.9 | 295.0 | 317.1 | 332.4 | 351.3 |
| EBITDA | 38.9 | 80.8 | 123.2 | 165.5 | 154.5 | 163.3 |
| Depreciation | 14.6 | 14.4 | 14.0 | 13.5 | 16.0 | 16.6 |
| EBITA | 24.4 | 66.3 | 109.3 | 152.0 | 138.5 | 146.8 |
| Amortisation of goodwill | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Amortisation of intangible assets | 96.5 | 95.5 | 92.3 | 88.9 | 105.7 | 109.5 |
| Impairment charges | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EBIT (inc revaluation net) | -72.1 | -29.2 | 16.9 | 63.1 | 32.8 | 37.3 |
| Interest income | 0.7 | 0.7 | 0.0 | 8.0 | 1.0 | 1.0 |
| Interest expenses | 1.7 | 4.9 | 6.1 | 5.4 | 2.4 | 2.6 |
| Investment income | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Financial result | -1.1 | -4.2 | -6.1 | 2.6 | -1.5 | -1.5 |
| Recurring pretax income from continuing operations | -73.2 | -33.4 | 10.8 | 65.7 | 31.3 | 35.7 |
| Extraordinary income/loss | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Earnings before taxes | -73.2 | -33.4 | 10.8 | 65.7 | 31.3 | 35.7 |
| Income tax expense | -0.3 | 1.7 | 1.2 | 9.9 | 9.4 | 10.7 |
| Net income from continuing operations | -72.8 | -35.1 | 9.6 | 55.8 | 21.9 | 25.0 |
| Income from discontinued operations (net of tax) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Net income | -72.8 | -35.1 | 9.6 | 55.8 | 21.9 | 25.0 |
| Minority interest | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Net profit (reported) | -72.8 | -35.1 | 9.6 | 55.8 | 21.9 | 25.0 |
| Average number of shares | 110.4 | 110.4 | 110.4 | 110.4 | 110.4 | 110.4 |
| EPS reported | -0.66 | -0.32 | 0.09 | 0.51 | 0.20 | 0.23 |

| Profit and loss (common size) | 2020/21 | 2021/22 | 2022/23 | 2023/24e | 2024/25e | 2025/26e |
|---|---------|---------|---------|----------|----------|----------|
| Net sales | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Sales growth | -9.7% | 5.2% | 18.9% | 15.4% | 0.9% | 5.7% |
| Increase/decrease in finished goods and work-in-process | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Total sales | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Other operating income | 7.7% | 24.3% | 19.0% | 26.0% | 21.7% | 21.7% |
| Material expenses | 5.9% | 6.4% | 5.8% | 7.3% | 7.0% | 7.0% |
| Personnel expenses | 64.5% | 65.8% | 56.5% | 52.4% | 50.0% | 50.0% |
| Other operating expenses | 25.7% | 29.1% | 27.3% | 32.0% | 33.0% | 33.0% |
| Total operating expenses | 88.3% | 77.0% | 70.5% | 65.7% | 68.3% | 68.3% |
| EBITDA | 11.7% | 23.0% | 29.5% | 34.3% | 31.7% | 31.7% |
| Depreciation | 4.4% | 4.1% | 3.3% | 2.8% | 3.3% | 3.2% |
| EBITA | 7.3% | 18.9% | 26.1% | 31.5% | 28.5% | 28.5% |
| Amortisation of goodwill | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Amortisation of intangible assets | 28.9% | 27.2% | 22.1% | 18.4% | 21.7% | 21.3% |
| Impairment charges | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| EBIT (inc revaluation net) | -21.6% | -8.3% | 4.0% | 13.1% | 6.7% | 7.2% |
| Interest income | 0.2% | 0.2% | 0.0% | 1.7% | 0.2% | 0.2% |
| Interest expenses | 0.5% | 1.4% | 1.5% | 1.1% | 0.5% | 0.5% |
| Investment income | -0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Financial result | neg. | neg. | neg. | 0.5% | neg. | neg. |
| Recurring pretax income from continuing operations | -21.9% | -9.5% | 2.6% | 13.6% | 6.4% | 6.9% |
| Extraordinary income/loss | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Earnings before taxes | -21.9% | -9.5% | 2.6% | 13.6% | 6.4% | 6.9% |
| Tax rate | 0.5% | -5.1% | 11.4% | 20.0% | 30.0% | 30.0% |
| Net income from continuing operations | -21.8% | -10.0% | 2.3% | 11.6% | 4.5% | 4.9% |
| Income from discontinued operations (net of tax) | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Net income | -21.8% | -10.0% | 2.3% | 11.6% | 4.5% | 4.9% |
| Minority interest | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Net profit (reported) | -21.8% | -10.0% | 2.3% | 11.6% | 4.5% | 4.9% |
| Source: Company data, NuWays | | | | | | |

Source: Company data, NuWays

Update - 08.05.2024



| Balance sheet (EUR m) | 2020/21 | 2021/22 | 2022/23 | 2023/24e | 2024/25e | 2025/26e |
|---|---------|---------|---------|----------------------|----------|----------|
| Intangible assets | 193.4 | 124.4 | 169.7 | 156.3 | 145.8 | 140.3 |
| Property, plant and equipment | 183.5 | 172.5 | 182.3 | 182.3 | 182.3 | 182.3 |
| Financial assets | 0.4 | 0.7 | 0.5 | 0.5 | 0.5 | 0.5 |
| FIXED ASSETS | 377.3 | 297.6 | 352.4 | 339.1 | 328.5 | 323.0 |
| Inventories | 6.8 | 4.4 | 5.4 | 6.3 | 6.3 | 6.7 |
| Accounts receivable | 40.3 | 105.4 | 125.5 | 132.2 | 133.4 | 141.0 |
| Other assets and short-term financial assets | 9.5 | 24.0 | 11.0 | 11.0 | 11.0 | 11.0 |
| Liquid assets | 1.7 | 10.6 | 4.5 | 53.1 | 84.2 | 111.7 |
| Deferred taxes | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Deferred charges and prepaid expenses | 14.8 | 13.1 | 13.0 | 13.0 | 13.0 | 13.0 |
| CURRENT ASSETS | 73.2 | 157.5 | 159.4 | 215.6 | 247.9 | 283.4 |
| TOTAL ASSETS | 450.5 | 455.1 | 511.8 | 554.6 | 576.4 | 606.4 |
| TOTAL ASSETS | 450.5 | 455.1 | 511.0 | 554.0 | 5/0.4 | 000.4 |
| SHAREHOLDERS EQUITY | 232.6 | 280.5 | 282.7 | 326.1 | 346.7 | 369.2 |
| MINORITY INTEREST | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Provisions for pensions and similar obligations | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other provisions and accrued liabilities | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Short-term liabilities to banks | 56.9 | 0.0 | 12.8 | 12.8 | 12.8 | 12.8 |
| Accounts payable | 101.4 | 98.5 | 132.9 | 132.2 | 133.4 | 141.0 |
| Advance payments received on orders | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other liabilities (incl. from lease and rental contracts) | 31.1 | 38.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| Deferred taxes | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 |
| Deferred income | 5.1 | 19.9 | 23.2 | 23.2 | 23.2 | 23.2 |
| CURRENT LIABILITIES | 132.5 | 137.4 | 132.9 | 132.2 | 133.4 | 141.0 |
| TOTAL LIABILITIES AND SHAREHOLDERS EQUITY | 450.5 | 455.1 | 511.8 | 554.6 | 576.4 | 606.4 |
| | | | | | | |
| Balance sheet (common size) | 2020/21 | 2021/22 | 2022/23 | 2023/24e | 2024/25e | 2025/26e |
| Intangible assets | 42.9% | 27.3% | 33.1% | 28.2% | 25.3% | 23.1% |
| Property, plant and equipment | 40.7% | 37.9% | 35.6% | 32.9% | 31.6% | 30.1% |
| Financial assets | 0.1% | 0.2% | 0.1% | 0.1% | 0.1% | 0.1% |
| FIXED ASSETS | 83.8% | 65.4% | 68.9% | 61.1% | 57.0% | 53.3% |
| Inventories | 1.5% | 1.0% | 1.1% | 1.1% | 1.1% | 1.1% |
| Accounts receivable | 9.0% | 23.2% | 24.5% | 23.8% | 23.1% | 23.3% |
| Other assets and short-term financial assets | 2.1% | 5.3% | 2.2% | 2.0% | 1.9% | 1.8% |
| Liquid assets | 0.4% | 2.3% | 0.9% | 9.6% | 14.6% | 18.4% |
| Deferred taxes | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Deferred charges and prepaid expenses | 3.3% | 2.9% | 2.5% | 2.3% | 2.3% | 2.1% |
| CURRENT ASSETS | 16.2% | 34.6% | 31.1% | 38.9% | 43.0% | 46.7% |
| TOTAL ASSETS | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| SHAREHOLDERS EQUITY | 51.6% | 61.6% | 55.2% | 58.8% | 60.2% | 60.9% |
| MINORITY INTEREST | 0.0% | 0.0% | 0.0% | 56.6% 0.0% | 0.0% | 0.0% |
| | | | | | | |
| Provisions for pensions and similar obligations | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Other provisions and accrued liabilities | 0.5% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Short-term liabilities to banks | 12.6% | 0.0% | 2.5% | 2.3% | 2.2% | 2.1% |
| Accounts payable | 22.5% | 21.7% | 26.0% | 23.8% | 23.1% | 23.3% |
| Advance payments received on orders | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Other liabilities (incl. from lease and rental contracts) | 6.9% | 8.5% | 0.0% | 0.0% | 0.0% | 0.0% |
| Deferred taxes | 0.0% | 0.0% | 0.2% | 0.2% | 0.2% | 0.2% |
| Deferred income | 1.1% | 4.4% | 4.5% | 4.2% | 4.0% | 3.8% |
| | 29.4% | 30.2% | 26.0% | 23.8% | 23.1% | 23.3% |
| TOTAL LIABILITIES AND SHAREHOLDERS EQUITY | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Source: Company data, NuWays

Update - 08.05.2024

Adjusted FCF yield

Average number of shares

Source: Company data, NuWays

Dividend yield

EPS reported

Valuation ratios

DPS

P/BV

EV/sales

EV/EBIT

EV/EBITDA



| Cash flow statement (EUR m) | 2020/21 | 2021/22 | 2022/23 | 2023/24e | 2024/25e | 2025/26e |
|---|---|---|--|--|---|---|
| Net profit/loss | -72.8 | -35.1 | 9.6 | 55.8 | 2024/208 | 2023/200 |
| Depreciation of fixed assets (incl. leases) | 14.6 | 14.4 | 14.0 | 13.5 | 16.0 | 16.6 |
| Amortisation of goodwill & intangible assets | 96.5 | 95.5 | 92.3 | 88.9 | 105.7 | 109.5 |
| Other costs affecting income / expenses | 4.6 | 25.7 | -74.6 | -88.0 | -96.5 | -100.0 |
| | -95.1 | -74.9 | -74.0 | -40.4 | -74.6 | -75.4 |
| Cash flow from operating activities | -95.1 | | | | | |
| Increase/decrease in inventory | | 2.4 | -1.0 | -0.8 | -0.1 | -0.4 |
| Increase/decrease in accounts receivable | 8.9 | -65.0 | -20.1 | -6.7 | -1.2 | -7.6 |
| Increase/decrease in accounts payable | -35.7 | -2.8 | 34.3 | -0.6 | 1.2 | 7.6 |
| Increase/decrease in other working capital positions | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Increase/decrease in working capital | -26.9 | -65.5 | 13.2 | -8.2 | -0.1 | -0.4 |
| Cash flow from operating activities | 15.9 | 35.1 | 54.4 | 62.0 | 47.1 | 50.7 |
| CAPEX | 91.7 | 81.1 | 147.9 | 89.1 | 111.2 | 120.6 |
| Payments for acquisitions | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Financial investments | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| Income from asset disposals | 29.7 | 30.0 | 71.1 | 75.6 | 95.2 | 104.1 |
| Cash flow from investing activities | -62.0 | -51.4 | -76.8 | -13.5 | -16.0 | -16.6 |
| Cash flow before financing | -46.1 | -16.3 | -22.3 | 48.6 | 31.1 | 27.5 |
| Increase/decrease in debt position | 52.5 | -61.3 | 16.2 | 0.0 | 0.0 | 0.0 |
| Purchase of own shares | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Capital measures | 0.0 | 86.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dividends paid | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.6 |
| Others | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Effects of exchange rate changes on cash | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cash flow from financing activities | 52.5 | 25.1 | 16.2 | 0.0 | 0.0 | -6.6 |
| Increase/decrease in liquid assets | 6.4 | 8.8 | -6.1 | 48.6 | 31.1 | 27.5 |
| Liquid assets at end of period | 1.7 | 10.6 | 4.5 | 53.1 | 84.2 | 111.7 |
| | | | | | | |
| | | | | | | |
| Key ratios (EUR m) | 2020/21 | 2021/22 | 2022/23 | 2023/24e | 2024/25e | 2025/26e |
| P&L growth analysis | | | | | | |
| P&L growth analysis Sales growth | -9.7% | 5.2% | 18.9% | 15.4% | 0.9% | 5.7% |
| P&L growth analysis Sales growth EBITDA growth | -9.7% -38.2% | 5.2% 107.3% | 18.9% 52.6% | 15.4% 34.3% | 0.9% -6.6% | 5.7% 5.7% |
| P&L growth analysis Sales growth EBITDA growth EBIT growth | -9.7% -38.2% 67.1% | 5.2% 107.3% -59.5% | 18.9% 52.6% -158.0% | 15.4% 34.3% 273.0% | 0.9% -6.6% -48.0% | 5.7% 5.7% 13.5% |
| P&L growth analysis Sales growth EBITDA growth EBIT growth EPS growth | -9.7% -38.2% | 5.2% 107.3% | 18.9% 52.6% | 15.4% 34.3% | 0.9% -6.6% | 5.7% 5.7% |
| P&L growth analysis Sales growth EBITDA growth EBIT growth EPS growth EFficiency | -9.7% -38.2% 67.1% 38.1% | 5.2% 107.3% -59.5% -51.8% | 18.9% 52.6% -158.0% -127.2% | 15.4% 34.3% 273.0% | 0.9% -6.6% -48.0% | 5.7% 5.7% 13.5% 13.9% |
| P&L growth analysis Sales growth EBITDA growth EBIT growth EPS growth | -9.7% -38.2% 67.1% 38.1% 385.2 | 5.2% 107.3% -59.5% -51.8% 387.1 | 18.9% 52.6% -158.0% | 15.4% 34.3% 273.0% 484.6% 517.5 | 0.9% -6.6% -48.0% -60.7% 512.5 | 5.7% 5.7% 13.5% |
| P&L growth analysis Sales growth EBITDA growth EBIT growth EPS growth EFficiency | -9.7% -38.2% 67.1% 38.1% | 5.2% 107.3% -59.5% -51.8% | 18.9% 52.6% -158.0% -127.2% | 15.4% 34.3% 273.0% 484.6% | 0.9% -6.6% -48.0% -60.7% | 5.7% 5.7% 13.5% 13.9% |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employee | -9.7% -38.2% 67.1% 38.1% 385.2 | 5.2% 107.3% -59.5% -51.8% 387.1 | 18.9% 52.6% -158.0% -127.2% 456.6 | 15.4% 34.3% 273.0% 484.6% 517.5 | 0.9% -6.6% -48.0% -60.7% 512.5 | 5.7% 5.7% 13.5% 13.9% 530.6 |
| P&L growth analysis Sales growth EBITDA growth EBIT growth EPS growth EFficiency Sales per employee EBITDA per employee | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employeeEBITDA per employeeNo. employees (average) | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEPS growthEfficiencySales per employeeEBITDA per employeeNo. employees (average)Balance sheet analysis | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 |
| P&L growth analysisSales growthEBITDA growthEBITD growthEPS growthEfficiencySales per employeeEBITDA per employeeNo. employees (average)Balance sheet analysisAvg. working capital / sales | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% |
| P&L growth analysisSales growthEBITDA growthEBITD growthEPS growthEfficiencySales per employeeEBITDA per employeeNo. employees (average)Balance sheet analysisAvg. working capital / salesInventory turnover (sales/inventory)Accounts receivable turnover | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 |
| P&L growth analysis Sales growth EBITDA growth EBIT growth EPS growth Efficiency Sales per employee EBITDA per employee No. employees (average) Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employeeEBITDA per employeeNo. employees (average)Balance sheet analysisAvg. working capital / salesInventory turnover (sales/inventory)Accounts receivable turnoverAccounts payable turnover | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employeeEBITDA per employeeNo. employees (average)Balance sheet analysisAvg. working capital / salesInventory turnover (sales/inventory)Accounts receivable turnoverAccounts payable turnoverCash flow analysisFree cash flow | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 110.7 -46.1 | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 102.3 -16.1 | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 -22.3 | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 100.0 48.6 | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 100.0 31.1 | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 34.2 |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employeeBITDA per employeeNo. employees (average)Balance sheet analysisAvg. working capital / salesInventory turnover (sales/inventory)Accounts receivable turnoverAccounts payable turnoverCash flow analysisFree cash flowFree cash flow/sales | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 110.7 -46.1 -13.8% | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 102.3 -16.1 -4.6% | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 -22.3 -5.3% | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 100.0 48.6 10.1% | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 100.0 31.1 6.4% | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 34.2 6.6% |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employeeBITDA per employeeNo. employees (average)Balance sheet analysisAvg. working capital / salesInventory turnover (sales/inventory)Accounts receivable turnoverAccounts payable turnoverCash flow analysisFree cash flowFree cash flow/salesFCF / net profit | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 110.7 -46.1 -13.8% 63.3% | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 102.3 -16.1 -4.6% 45.9% | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 -22.3 -5.3% neg. | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 100.0 100.0 | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 100.0 31.1 6.4% 141.8% | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 34.2 6.6% 136.7% |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employeeBalance sheet analysisAvg. working capital / salesInventory turnover (sales/inventory)Accounts receivable turnoverAccounts payable turnoverCash flow analysisFree cash flow/salesFCF / net profitCapex / sales | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 110.7 -46.1 -13.8% | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 102.3 -16.1 -4.6% | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 -22.3 -5.3% | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 100.0 48.6 10.1% | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 100.0 31.1 6.4% | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 34.2 6.6% |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employeeBalance sheet analysisAvg. working capital / salesInventory turnover (sales/inventory)Accounts receivable turnoverAccounts payable turnoverCash flow analysisFree cash flow/salesFCF / net profitCapex / salesSolvency | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 110.7 -46.1 -13.8% 63.3% n.a. | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 102.3 -16.1 -4.6% 45.9% n.a. | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 -22.3 -5.3% neg. n.a. | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 100.0 100.0 48.6 10.1% 87.0% n.a. | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 100.0 31.1 6.4% 141.8% n.a. | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 34.2 6.6% 136.7% n.a. |
| P&L growth analysis Sales growth EBITDA growth EBIT growth EPS growth EFficiency Sales per employee EBITDA per employee No. employees (average) Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 110.7 -46.1 -13.8% 63.3% n.a. 76.2 | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 102.3 -16.1 -4.6% 45.9% n.a. 6.6 | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 -22.3 -5.3% neg. n.a. 67.5 | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 100.0 100.0 48.6 10.1% 87.0% n.a. 18.9 | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 100.0 31.1 6.4% 141.8% n.a. | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 100.0 34.2 6.6% 136.7% n.a. -39.8 |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employeeEBITDA per employeeNo. employees (average)Balance sheet analysisAvg. working capital / salesInventory turnover (sales/inventory)Accounts receivable turnoverAccounts payable turnoverCash flow analysisFree cash flowFree cash flow/salesFCF / net profitCapex / salesSolvencyNet debtNet Debt/EBITDA | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 110.7 -46.1 -13.8% 63.3% n.a. 76.2 2.0 | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 102.3 -16.1 -4.6% 45.9% n.a. 6.6 0.1 | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 -22.3 -5.3% neg. n.a. 67.5 0.5 | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 100.0 100.0 48.6 10.1% 87.0% n.a. 18.9 0.1 | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 100.0 31.1 6.4% 141.8% n.a. -12.2 0.0 | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 100.0 34.2 6.6% 136.7% n.a. -39.8 0.0 |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employeeEBITDA per employeeNo. employees (average)Balance sheet analysisAvg. working capital / salesInventory turnover (sales/inventory)Accounts receivable turnoverAccounts payable turnoverCash flow analysisFree cash flowFree cash flow/salesFCF / net profitCapex / salesSolvencyNet debtNet Debt/EBITDADividend payout ratio | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 110.7 -46.1 -13.8% 63.3% n.a. 76.2 2.0 0.0% | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 102.3 -16.1 -4.6% 45.9% n.a. 6.6 0.1 0.0% | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 -22.3 -5.3% neg. n.a. 67.5 0.5 69.4% | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 100.0 100.0 48.6 10.1% 87.0% n.a. 18.9 0.1 11.9% | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 100.0 31.1 6.4% 141.8% n.a. -12.2 0.0 30.2% | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 34.2 6.6% 136.7% n.a. -39.8 0.0 26.5% |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employeeEBITDA per employeeNo. employees (average)Balance sheet analysisAvg. working capital / salesInventory turnover (sales/inventory)Accounts receivable turnoverAccounts payable turnoverCash flow analysisFree cash flowFree cash flow/salesFCF / net profitCapex / salesSolvencyNet debtNet debtNet Debt/EBITDADividend payout ratioInterest paid / avg. debt | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 110.7 -46.1 -13.8% 63.3% n.a. 76.2 2.0 | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 102.3 -16.1 -4.6% 45.9% n.a. 6.6 0.1 | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 -22.3 -5.3% neg. n.a. 67.5 0.5 | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 100.0 100.0 48.6 10.1% 87.0% n.a. 18.9 0.1 | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 100.0 31.1 6.4% 141.8% n.a. -12.2 0.0 | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 34.2 6.6% 136.7% n.a. -39.8 0.0 |
| P&L growth analysis Sales growth EBITDA growth EBIT growth EPS growth EPS growth Efficiency Sales per employee EBITDA per employee No. employees (average) Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt Returns | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 110.7 -46.1 -13.8% 63.3% n.a. 76.2 2.0 0.0% 3.0% | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 102.3 -16.1 -4.6% 45.9% n.a. 6.6 0.1 0.0% 10.3% | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 -22.3 -5.3% neg. n.a. 67.5 0.5 69.4% 13.8% | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 100.0 100.0 48.6 10.1% 87.0% n.a. 18.9 0.1 11.9% 7.5% | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 100.0 31.1 6.4% 141.8% n.a. -12.2 0.0 30.2% 3.4% | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 100.0 34.2 6.6% 136.7% n.a. -39.8 0.0 26.5% 3.6% |
| P&L growth analysisSales growthEBITDA growthEBIT growthEPS growthEfficiencySales per employeeEBITDA per employeeNo. employees (average)Balance sheet analysisAvg. working capital / salesInventory turnover (sales/inventory)Accounts receivable turnoverAccounts payable turnoverCash flow analysisFree cash flowFree cash flow/salesFCF / net profitCapex / salesSolvencyNet debtNet debtNet Debt/EBITDADividend payout ratioInterest paid / avg. debt | -9.7% -38.2% 67.1% 38.1% 385.2 44.9 868 -20.2% 49.1 44.0 110.7 -46.1 -13.8% 63.3% n.a. 76.2 2.0 0.0% | 5.2% 107.3% -59.5% -51.8% 387.1 88.9 908 -6.1% 79.6 109.4 102.3 -16.1 -4.6% 45.9% n.a. 6.6 0.1 0.0% | 18.9% 52.6% -158.0% -127.2% 456.6 134.5 916 1.1% 76.8 109.5 116.0 -22.3 -5.3% neg. n.a. 67.5 0.5 69.4% | 15.4% 34.3% 273.0% 484.6% 517.5 177.5 932 0.4% 76.8 100.0 100.0 100.0 48.6 10.1% 87.0% n.a. 18.9 0.1 11.9% | 0.9% -6.6% -48.0% -60.7% 512.5 162.7 950 1.3% 76.8 100.0 100.0 31.1 6.4% 141.8% n.a. -12.2 0.0 30.2% | 5.7% 5.7% 13.5% 13.9% 530.6 168.4 970 1.3% 76.8 100.0 100.0 34.2 6.6% 136.7% n.a. -39.8 0.0 26.5% |

-10.4%

0.0%

-0.66

110.4

1.7

2.1

17.8

-9.6

0.0

-7.6%

0.0%

0.0

-0.32

110.4

1.4

1.2

5.0

-13.9

3.4%

1.7%

0.1

0.09

110.4

1.4

1.1

3.8

27.6

12.7%

1.7%

0.1

0.51

1.2

0.9

2.5

6.6

110.4

6.0%

1.7%

0.1

0.20

110.4

1.2

0.8

2.5

11.8

4

7.5%

1.7%

0.1

0.23

110.4

1.1

0.7

2.2

9.7

Update - 08.05.2024



Disclosures

Disclosures regarding research publications of NuWays AG pursuant to section 85 of the German Securities Trading Act (WpHG)

Indication of conflict of interest

It is essential that any research recommendation is fairly presented and discloses interests of indicates relevant conflicts of interest. Pursuant to section 85 of the German Securities Trading Act (WpHG) a research report has to point out possible conflicts of interest in connection with the analysed company. A conflict of interest is presumed to exist in particular if NuWays AG

- (1) or any other person belonging to the same group with it was part of a consortium within the past twelve months that issued the financial instruments of the analysed company by way of a public offer.
- (2) or any other person belonging to the same group with it has entered into an agreement on the production of the research report with the analysed company.
- (3) or any other person belonging to the same group with it has been party to an agreement on the provision of investment banking services with the analysed company or have received services or a promise of services under the term of such an agreement within the past twelve month.
- (4) The analysed company holds 5% or more of the share capital of NuWays AG.
- (5) holds (a) a net short position or (b) a net long position of 0.5% of the outstanding share capital of the analysed company.
- (6) or any other person belonging to the same group with it is a market maker or liquidity provider in the financial instruments of the issuer.
- (7) or the analyst has any other significant financial interests relating to the analysed company such as, for example, exercising mandates in the interest of the analysed company.
- (8) The research report has been made available to the analysed company prior to its publication. Thereafter, only factual changes have been made to the report.

Conflicts of interest that existed at the time when this research report was published:

| Company | Disclosures |
|----------------------------------|-------------|
| Borussia Dortmund GmbH & Co KGaA | 2 |
| | |

| Historical target price and rating changes for Borussia Dortmund GmbH & Co KGAA | | | | | |
|---|------------|--------------------|--------|--------------|----------|
| Company | Date | Analyst | Rating | Target Price | Close |
| Borussia Dortmund GmbH & Co KGaA | 07.06.2023 | Sennewald, Philipp | Buy | EUR 5.50 | EUR 4.32 |

Update - 08.05.2024

1. General Information/Liabilities

This research report has been produced for the information purposes of institutional investors only, and is not in any way a personal recommendation, offer or solicitation to buy or sell the financial instruments mentioned herein. The document is confidential and is made available by NuWays AG exclusively to selected recipients in the European Union (EU) or, in individual cases, also in other countries. It is not allowed to pass the research report on to persons other than the intended recipient without the permission of NuWays AG. Reproduction of this document, in whole or in part, is not permitted without prior permission NuWays AG. All rights reserved.

Under no circumstances shall NuWays AG, any of its employees involved in the preparation, have any liability for possible errors or incompleteness of the information included in this research report – neither in relation to indirect or direct nor consequential damages. Liability for damages arising either directly or as a consequence of the use of information, opinions and estimates is also excluded. Past performance of a financial instrument is not necessarily indicative of future performance.

2. Responsibilities

This research report was prepared by the research analyst named on the front page (the "Producer"). The Producer is solely responsible for the views and estimates expressed in this report. The report has been prepared independently. The content of the research report was not influenced by the issuer of the analysed financial instrument at any time. It may be possible that parts of the research report were handed out to the issuer for information purposes prior to the publication without any major amendments being made thereafter.

3. Organisational Requirements

NuWays AG took internal organisational and regulative precautions to avoid or accordingly disclose possible conflicts of interest in connection with the preparation and distribution of the research report. All members of NuWays AG involved in the preparation of the research report are subject to internal compliance regulations. No part of the Producer's compensation is directly or indirectly related to the preparation of this financial analysis. In case a research analyst or a closely related person is confronted with a conflict of interest, the research analyst is restricted from covering this company.

4. Information Concerning the Methods of Valuation/Update

The determination of the fair value per share, i.e. the price target, and the resultant rating is done on the basis of the adjusted free cash flow (adj. FCF) method and on the basis of the discounted cash flow – DCF model. Furthermore, a peer group comparison is made.

The adj. FCF method is based on the assumption that investors purchase assets only at a price (enterprise value) at which the operating cash flow return after taxes on this investment exceeds their opportunity costs in the form of a hurdle rate of 7.5%. The operating cash flow is calculated as EBITDA less maintenance capex and taxes.

Within the framework of the DCF approach, the future free cash flows are calculated initially on the basis of a fictitious capital structure of 100% equity, i.e. interest and repayments on debt capital are not factored in initially. The adjustment towards the actual capital structure is done by discounting the calculated free cash flows with the weighted average cost of capital (WACC), which takes into account both the cost of equity capital and the cost of debt. After discounting, the calculated total enterprise value is reduced by the interest-bearing debt capital in order to arrive at the equity value.

NuWays AG uses the following three-step rating system for the analysed companies:

Buy: Sustainable upside potential of more than 20% within 12 months

Sell: Sustainable downside potential of more than 20% within 12 months.

Hold: Upside/downside potential is limited. No immediate catalyst visible.

The decision on the choice of the financial instruments analysed in this document was solely made by NuWays AG. The opinions and estimates in this research report are subject to change without notice. It is within the discretion of NuWays AG whether and when it publishes an update to this research report, but in general updates are created on a regular basis, after 6 months at the latest. A sensitivity analysis is included and published in company's initial studies.

5. Major Sources of Information

Part of the information required for this research report was made available by the issuer of the financial instrument. Furthermore, this report is based on publicly available sources (such as, for example, Bloomberg, Reuters, VWD-Trader and the relevant daily press) believed to be reliable. NuWays AG has checked the information for plausibility but not for accuracy or completeness.

6. Competent Supervisory Authority

NuWays AG is an affiliated company of Hauck Aufhäuser Lampe Privatbank AG which is under supervision of the BaFin – German Federal Financial Supervisory Authority (Bundesanstalt für Finanzdienstleistungsaufsicht), Graurheindorfer Straße 108, 53117 Bonn and Marie-Curie-Straße 24 – 28, 60439 Frankfurt a.M.

7. Specific Comments for Recipients Outside of Germany

This research report is subject to the law of the Federal Republic of Germany and the European Union (EU). The distribution of this information to other states in particular to the USA, Canada, Australia and Japan may be restricted or prohibited by the laws applicable within this state. If this communication is distributed in the United Kingdom it is solely directed at (i) investment professionals as defined in Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "FPO") or (ii) high net-worth entities as defined in article 49 of the FPO. This document should not be distributed or forwarded, either directly or indirectly, to any other individuals.

8. Miscellaneous

According to Article 4(1) No. i of the delegated regulation 2016/958 supplementing regulation 596/2014 of the European Parliament, further information regarding investment recommendations of the last 12 months are published under: <u>www.nuways-ag.com</u>

Date of publication creation: 08/05/2024 08:13 AM Date of publication dissemination: 08/05/2024 08:13 AM



Update - 08.05.2024



Contacts

NuWays AG

Mittelweg 16-17 20148 Hamburg Germany +49 170 119 8648 info@nuways-ag.com www.nuways-ag.com



Christian Sandherr Co-CEO/Analyst

christian.sandherr@nuways-ag.com



Frederik Jarchow Co-CEO/Analyst

frederik.jarchow@nuways-ag.com



Philipp Sennewald Analyst

philipp.sennewald@nuways-ag.com



Mark Schüssler Analyst

mark-hendrik.schuessler@nuways-ag.com



Henry Wendisch Analyst

henry.wendisch@nuways-ag.com



Konstantin Völk Analyst

-

konstantin.voelk@nuways-ag.com

Find us on Social Media





LinkedIn

