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 5<sup>th</sup> 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%).

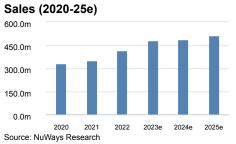
Furthermore, BVB has released its Q3 prelims, which showed a slight revenue decrease 2.7% yoy to  $\in$  98.2m, which can be primarily attributed to a reduced number of home games. Consequently, there was a decline in revenues from Match Operations (down 16% yoy to  $\in$  10.7m) as well as from the 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.

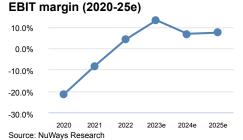
Lastly, Borussia Dortmund has announced changes to its executive board, including the appointment of Lars Ricken as a new member. Ricken, a former BVB player and director of the youth academy, will now be responsible for sporting activities, effective May 1<sup>st</sup>. Hans-Joachim Watzke, set to depart 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.

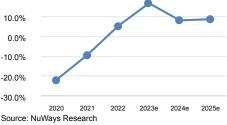
Y/E 30.06 (EUR m)	2020/21	2021/22	2022/23	2023/24e	2024/25e	2025/26e
Sales	334.2	351.6	418.2	482.6	486.9	514.7
Sales growth	-9.7%	5.2%	18.9%	15.4%	0.9%	5.7%
EBITDA	38.9	80.8	123.2	165.5	154.5	163.3
Net debt (if net cash=0)	76.2	6.6	67.5	18.9	-12.2	-39.8
FCF	-46.1	-16.1	-22.3	48.6	31.1	34.2
Net Debt/EBITDA	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	$\Lambda$	~~~	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	<b>215.6</b>	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%	<b>38.9%</b>	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%	<b>56.6%</b> 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
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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



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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

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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.

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#### 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



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