Technology - Germany

Buy (old: Buy)

EUR 7.20 (old: EUR 7.20)

Promising acquisition & strong start into the year

123fahrschule announced an agreement to acquire Foerst GmbH, a manufacturer of driving simulators for cars, trucks, and buses, which are primarily used for driver education. The acquisition price, a mid-six-figure amount (eNuW: € 500k; c. 0.5x act. EV/sales), will be paid fully or partially in shares at the discretion of 123fahrschule. The payment is to be made in several tranches by the end of 2026. The shares will be issued at a price close to the stock exchange price. The transaction is intended to be closed on July 1st.

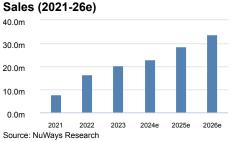
The acquisition appears sensible, in our view, as the use of driving simulators in driver training is expected to become increasingly important in the future. In fact, the market is seen to triple in the coming years especially as simulators are set to become part of the driving license category B197 in the context of the current amendment of the learner driver training regulations. According to the amendment, it should then be permitted to complete the mandatory manual driving lessons (10) on a simulator. This would be of particular importance, as the availability of manual driving school cars is already very limited today, but novice drivers often have to resort to manual vehicles initially due to limited financial resources. Moreover this is set to at least partly eliminate capacity constraints for 123f. In yesterday's CC, CEO Polenske stated that the company intends to equip its driving schools with a total of 90 simulators once the amendment has been passed, which is seen to happen in 2025. While the acquisition looks set to significantly reduce CapEx for the roll-out of driving simulators across its own branches, it also opens up a further source of revenue. In fact, 123f intends to expand the product portfolio of Foerst with its own software elements to offer an improved product to other driving schools. However, as there is still limited visibility while the amendment has not been passed, we do not yet include this in our model.

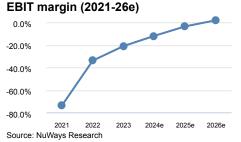
Besides this, management also provided an update on current trading, stating an EBITDA of > € 0.5m for the first four months of the year as well as the expectation of positive cash flow thanks to an improved cash-collection cycle. While this underpins continuous operational improvements, boding well for managements outlook of positive EBITDA for FY '24, we continue to conservatively estimate a neutral EBITDA due to the seasonally weak Q4, where we observed a general reluctance of customers to take driving lessons during Christmas season in the past.

The stock remains a BUY, unchanged PT of € 7.20 based on DCF.

Y/E 31.12 (EUR m)	2021	2022	2023	2024e	2025e	2026e
Sales	7.8	16.7	20.6	23.2	28.6	33.8
Sales growth	81.8%	114.8%	23.7%	12.7%	23.0%	18.2%
EBITDA	-3.8	-2.7	-0.9	0.0	2.2	4.0
Net debt (if net cash=0)	-2.5	1.8	1.7	1.5	0.4	-2.1
FCF	-7.0	-2.8	-3.5	0.2	1.1	2.4
Net Debt/EBITDA	0.0	-0.7	-1.9	179.3	0.2	0.0
EPS pro forma	-1.85	-1.40	-0.79	-0.44	-0.16	0.10
EBITDA margin	-48.9%	-16.0%	-4.3%	0.0%	7.6%	11.9%
ROCE	-43.7%	-31.1%	-22.2%	-14.5%	-5.1%	3.6%
EV/sales	0.6	0.6	0.7	0.6	0.4	0.3
EV/EBITDA	-1.3	-3.6	-15.7	1659.0	5.8	2.5
PER	-1.4	-1.8	-3.2	-5.8	-16.0	25.4
Adjusted FCF yield	-41.7%	-10.8%	-7.2%	-1.4%	9.7%	23.2%

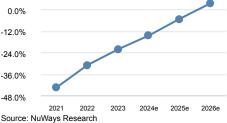
Source: Company data, NuWays, Close price as of 15.05.2024





Analyst: Philipp Sennewald · E-Mail: philipp.sennewald@nuways-ag.com





Company description

With more than 60 locations, 123fahrschule is the largest player in the German driving school industry. With its proprietary software suite, the company is disrupting a largely analogue industry by offering students a superior experience.

Share Performance 9.00 8.00 7.00 6.00 5.00 4.00 3.00 2.00 1.00 05/23 07/23 09/23 11/23 01/24 05/24

High/low 52 weeks (€)	7.98 / 1.29
3m rel. performance	-1.4%
6m rel. performance	-10.5%
12m rel. performance	-79.9%

Market data						
Share price (in €)	2.56					
Market cap (in € m)	12.3					
Number of shares (in m pcs)	4.8					
Enterprise value (in € m)	13.8					
Ø trading volume (6 months)	950					

	Identifier
Bloomberg	123F GR
Reuters	123F.DE
WKN	A2P4HL
ISIN	DE000A2P4HL9

Key shareholders					
venturecapital.de	13.8%				
Delphi	12.8%				
Media Ventures	7.1%				
KlickVentures	7.0%				
BLSW	5.6%				
Free Float	53.7%				

Estimates changes									
	<u>2024e</u>	<u>2025e</u>	<u>2026e</u>						
Sales	0%	0%	0%						
EBIT	0%	0%	0%						
EPS	0%	0%	0%						

Comment on changes

17.05.2024

2021-26e)	

Guidance



Update - 17.05.2024



Financials

Profit and loss (EUR m)	2021	2022	2023	2024e	2025e	2026e
Net sales	7.8	16.7	20.6	23.2	28.6	33.8
Sales growth	81.8%	114.8%	23.7%	12.7%	23.0%	18.2%
Increase/decrease in finished goods and work-in-process	0.0	0.1	0.3	0.2	0.2	0.3
Total sales	7.8	16.8	20.9	23.4	28.8	34.1
Other operating income	0.3	1.1	0.9	0.3	0.3	0.3
Material expenses	0.0	0.0	0.0	0.0	0.0	0.0
Personnel expenses	6.2	12.1	13.7	14.3	16.8	19.4
Other operating expenses	5.6	8.4	9.0	9.4	10.2	11.0
Total operating expenses	11.6	19.5	21.8	23.4	26.7	30.0
EBITDA	-3.8	-2.7	-0.9	0.0	2.2	4.0
Depreciation	0.1	0.0	1.8	0.9	0.9	0.9
EBITA	-3.9	-2.7	-2.7	-0.9	1.3	3.1
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	1.8	3.0	1.6	1.9	2.2	2.4
Impairment charges	0.0	0.0	0.0	0.0	0.0	0.0
EBIT (inc revaluation net)	-5.7	-5.6	-4.3	-2.7	-1.0	0.7
Interest income	0.0	0.0	0.0	0.0	0.0	0.0
Interest expenses	0.0	0.0	0.0	0.1	0.1	0.1
Investment income	0.0	0.0	0.0	0.0	0.0	0.0
Financial result	-0.0	-0.0	-0.0	-0.1	-0.1	-0.1
Recurring pretax income from continuing operations	-5.7	-5.6	-4.4	-2.8	-1.0	0.6
Extraordinary income/loss	0.0	0.0	0.0	0.0	0.0	0.0
Earnings before taxes	-5.7	-5.6	-4.4	-2.8	-1.0	0.6
Income tax expense	-1.3	-1.4	-0.5	-0.7	-0.3	0.2
Net income from continuing operations	-4.5	-4.4	-3.8	-2.1	-0.8	0.5
Income from discontinued operations (net of tax)	0.0	0.0	0.0	0.0	0.0	0.0
Net income	-4.5	-4.4	-3.9	-2.1	-0.8	0.5
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0
Net profit (reported)	-4.5	-4.4	-3.9	-2.1	-0.8	0.5
Average number of shares	2.4	3.1	4.8	4.8	4.8	4.8
EPS reported	-1.85	-1.40	-0.81	-0.44	-0.16	0.10

Profit and loss (common size)	2021	2022	2023	2024e	2025e	2026e
Net sales	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Sales growth	81.8%	114.8%	23.7%	12.7%	23.0%	18.2%
Increase/decrease in finished goods and work-in-process	0.0%	0.9%	1.4%	0.9%	0.9%	0.9%
Total sales	100.0%	100.9%	101.4%	100.9%	100.9%	100.9%
Other operating income	4.4%	6.5%	4.3%	1.3%	1.0%	1.0%
Material expenses	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Personnel expenses	80.5%	72.8%	66.3%	61.6%	58.7%	57.4%
Other operating expenses	72.7%	50.4%	43.8%	40.5%	35.6%	32.5%
Total operating expenses	148.9%	116.9%	105.7%	100.8%	93.3%	88.9%
EBITDA	-48.9%	-16.0%	-4.3%	0.0%	7.6%	11.9%
Depreciation	1.9%	0.0%	8.8%	3.7%	3.1%	2.7%
EBITA	-50.7%	-16.0%	-13.1%	-3.7%	4.5%	9.2%
Amortisation of goodwill	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Amortisation of intangible assets	23.2%	17.8%	7.8%	8.1%	7.9%	7.1%
Impairment charges	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
EBIT (inc revaluation net)	-73.9%	-33.8%	-20.9%	-11.8%	-3.3%	2.1%
Interest income	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Interest expenses	0.1%	0.0%	0.2%	0.3%	0.3%	0.2%
Investment income	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Financial result	neg.	neg.	neg.	neg.	neg.	neg.
Recurring pretax income from continuing operations	-74.1%	-33.9%	-21.1%	-12.1%	-3.6%	1.9%
Extraordinary income/loss	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Earnings before taxes	-74.1%	-33.9%	-21.1%	-12.1%	-3.6%	1.9%
Tax rate	22.5%	24.0%	12.0%	25.0%	25.0%	25.0%
Net income from continuing operations	-57.8%	-26.1%	-18.6%	-9.1%	-2.7%	1.4%
Income from discontinued operations (net of tax)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Net income	-57.8%	-26.1%	-19.0%	-9 .1%	-2.7%	1.4%
Minority interest	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Net profit (reported)	-57.8%	-26.1%	-19.0%	-9 .1%	-2.7%	1.4%
Source: Company data, NuWays						

Source: Company data, NuWays

Update - 17.05.2024



Balance sheet (EUR m)	2021	2022	2023	2024e	2025e	2026e
Intangible assets	9.2	10.9	11.3	10.6	9.8	9.1
Property, plant and equipment	1.5	4.5	4.3	4.4	4.5	4.6
Financial assets	0.0	0.0	0.0	0.0	0.0	0.0
FIXED ASSETS	10.8	15.4	15.6	15.0	14.3	13.6
Inventories	0.0	0.0	0.0	0.0	0.0	0.0
Accounts receivable	0.5	3.5	3.0	3.2	3.5	3.7
Other assets and short-term financial assets	1.8	2.3	3.0	3.0	3.0	3.0
Liquid assets	3.2	0.3	0.7	0.9	2.1	4.5
Deferred taxes	1.6	3.0	3.5	3.5	3.5	3.5
Deferred charges and prepaid expenses	0.0	0.2	0.4	0.4	0.4	0.4
CURRENT ASSETS	7.1	9.4	10.7	11.1	12.6	15.2
TOTAL ASSETS	17.9	24.8	26.3	26.0	26.8	28.8
SHAREHOLDERS EQUITY	15.8	16.8	16.4	15.4	15.7	17.3
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	0.3	0.4	0.5	0.6	0.8	0.9
Short-term liabilities to banks	0.1	0.0	0.0	0.0	0.0	0.0
Accounts payable	0.1	1.1	0.6	1.3	1.6	1.9
Advance payments received on orders	1.0	1.3	2.1	2.1	2.1	2.1
Other liabilities (incl. from lease and rental contracts)	0.0	2.0	3.3	3.3	3.3	3.3
Deferred taxes	0.0	0.0	0.0	0.0	0.0	0.0
Deferred income	0.0	0.9	0.8	0.8	0.8	0.8
CURRENT LIABILITIES	1.1	4.4	6.1	6.7	7.0	7.3
TOTAL LIABILITIES AND SHAREHOLDERS EQUITY	17.9	24.8	26.3	26.0	26.8	28.8
Palanas abaat (aamman aiza)	2021	2022	2023	2024e	2025e	2026e
Balance sheet (common size) Intangible assets	51.5%	44.1%	43.0%	40.6%	36.4%	31.4%
Property, plant and equipment	8.6%	18.0%	43.0 <i>%</i> 16.4%	16.8%	16.8%	15.9%
Financial assets	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FIXED ASSETS	60.2%	62.1%	59.3%	57.4%	53.2%	47.3%
Inventories	0.0%	02.1%	0.0%	0.0%	0.0%	0.0%
Accounts receivable	3.0%	14.3%	11.4%	12.2%	13.1%	12.8%
Other assets and short-term financial assets	9.8%	9.5%	11.4%	11.6%	11.2%	12.0%
Liquid assets	17.7%	1.4%	2.8%	3.6%	7.7%	15.7%
Deferred taxes	9.1%	12.1%	13.4%	13.5%	13.1%	12.2%
Deferred charges and prepaid expenses	0.2%	0.7%	1.6%	1.7%	1.6%	1.5%
CURRENT ASSETS	39.8%	37.9%	40.7%	42.6%	46.8%	52.7%
TOTAL ASSETS	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
SHAREHOLDERS EQUITY	88.2%	68.0%	62.4%	59.1%	58.7%	60.1%
MINORITY INTEREST	0.0%	0.0%	02.4 %	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	1.7%	1.8%	1.8%	2.4%	2.8%	3.1%
Short-term liabilities to banks	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%
Accounts payable	0.4%	4.5%	2.5%	4.9%	5.8%	6.4%
Advance payments received on orders	5.5%	4.5 <i>%</i> 5.2%	2.5 <i>%</i> 8.0%	4.9 <i>%</i> 8.1%	5.8 <i>%</i> 7.9%	7.3%
Other liabilities (incl. from lease and rental contracts)	0.0%	5.2 <i>%</i> 8.0%	0.0 <i>%</i> 12.7%	12.8%	12.4%	11.6%
Deferred taxes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Deferred income	0.0%	3.6%	3.2%	3.3%	3.2%	2.9%
CURRENT LIABILITIES	6.3%	17.7%	23.2%	25.8%	26.2%	25.3%
TOTAL LIABILITIES AND SHAREHOLDERS EQUITY	100.0%	100.0%	100.0%	100.0%	100.0%	25.3% 100.0%
	100.0 /0	100.070	100.070	100.070	100.070	100.0 /0

Source: Company data, NuWays

Update - 17.05.2024



Cash flow statement (EUR m)	2021	2022	2023	2024e	2025e	2026e
Net profit/loss	-4.5	-4.4	-3.9	-2.1	-0.8	0.5
Depreciation of fixed assets (incl. leases)	0.1	0.0	1.8	0.9	0.9	0.9
Amortisation of goodwill & intangible assets	1.8	3.0	1.6	1.9	2.2	2.4
Other costs affecting income / expenses	-1.3	-1.4	-0.3	0.0	0.0	0.0
Cash flow from operating activities	-7.0	-2.8	-0.4	1.4	2.6	4.1
Increase/decrease in inventory	0.1	0.0	0.0	0.0	0.0	0.0
Increase/decrease in accounts receivable	-1.3	-3.7	-0.4	-0.2	-0.3	-0.2
Increase/decrease in accounts payable	-1.8	3.6	1.6	0.6	0.3	0.3
Increase/decrease in other working capital positions	-0.1	-0.1	0.0	1.1	1.1	1.1
Increase/decrease in working capital	-3.1	-0.2	1.2	1.5	1.1	1.2
Cash flow from operating activities	-7.0	-2.8	0.4	2.3	3.6	5.1
CAPEX	0.0	0.0	3.9	2.1	2.4	2.7
Payments for acquisitions	2.3	7.8	0.0	0.0	0.0	0.0
Financial investments	0.0	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.0	0.2	0.2	0.0	0.0	0.0
Cash flow from investing activities	-2.3	-7.6	-3.7	-2.1	-2.4	-2.7
Cash flow before financing	-9.3	-10.3	-3.3	0.2	1.1	2.4
Increase/decrease in debt position	0.0	2.1	0.3	0.0	0.0	0.0
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	12.4	5.4	3.5	0.0	0.0	0.0
Dividends paid	0.0	0.0	0.0	0.0	0.0	0.0
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	12.4	7.5	3.8	0.0	0.0	0.0
Increase/decrease in liquid assets	3.1	-2.8	0.4	0.2	1.1	2.4
Liquid assets at end of period	3.2	0.3	0.7	0.9	2.1	4.5
	0001	0000	0000	0004	0005	0000
Key ratios (EUR m)	2021	2022	2023	2024e	2025e	2026e
P&L growth analysis	04.000	444.00/	00 70/	40 70/	00.0%	10.00/
Sales growth	81.8%	114.8%	23.7%	12.7%	23.0%	18.2%
EBITDA growth	74.7%	-29.6%	-66.8%	-100.9%	26075.0%	85.7%
EBIT growth	100.8%	-1.6%	-23.6%	-36.6%	-65.2%	-175.5%
EPS growth	17.4%	-24.4%	-42.3%	-46.1%	-63.5%	-163.1%
Efficiency	040.4	470.0	004.0	000 7	000.0	007.0
Sales per employee	310.4	476.2	364.8	303.7	326.6	337.8
EBITDA per employee	-151.7	-76.3	-15.7	0.1	24.8	40.3
No. employees (average)	25	35	56	76	88	100
Balance sheet analysis		1.00/	2.20/	0.00/	0.0%	0.00/
Avg. working capital / sales	-15.5%	1.6%	3.3%	0.0%	-0.6%	-0.6%
Inventory turnover (sales/inventory)	n.a.	n.a.	4.5	5.0	5.5	6.0
Accounts receivable turnover	24.9 6.7	77.3	52.9	50.0	45.0	40.0 20.0
Accounts payable turnover	0.7	24.5	11.5	20.0	20.0	20.0
Cash flow analysis	7.0	2.0	25	0.2	1 1	2.4
Free cash flow	-7.0	-2.8 16.6%	-3.5 17.2%	0.2	1.1 3.0%	2.4
Free cash flow/sales	-89.8%	-16.6%	-17.2%	0.9%	3.9%	7.2%
FCF / net profit Capex / sales	155.4%	63.6%	90.7%	neg.	neg.	505.1%
•	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Solvency	2.5	1 0	17	1 5	0.4	2.1
Net debt Net Debt/EBITDA	-2.5 0.0	1.8 -0.7	1.7 -1.9	1.5 179.3	0.4 0.2	-2.1 0.0
Dividend payout ratio	0.0%	0.0%	0.0%	0.0%	0.2	0.0%
Interest paid / avg. debt	1.2%	0.0%	3.0%	3.2%	3.0%	3.0%
Returns	1.2/0	0.270	3.0 %	J.Z /0	5.0 %	5.0 %
ROCE	-43.7%	-31.1%	-22.2%	-14.5%	-5.1%	3.6%
ROE	-43.7% -28.4%	-31.1% -25.9%	-22.2% -23.8%	-14.5%	-5.1% -4.9%	3.6% 2.8%
	-20.4% -41.7%	-25.9% -10.8%	-23.8% -7.2%	-13.7%	-4.9% 9.7%	
Adjusted FCF yield Dividend yield	-41.7%					23.2%
		0.0%	0.0%	0.0% 0.0	0.0%	0.0%
		0.0			0.0	0.0
DPS	0.0	0.0	0.0			0 40
DPS EPS reported	0.0 -1.85	-1.40	-0.81	-0.44	-0.16	
DPS EPS reported Average number of shares	0.0					
DPS EPS reported Average number of shares Valuation ratios	0.0 -1.85 2.4	-1.40 3.1	-0.81 4.8	-0.44 4.8	-0.16 4.8	4.8
DPS EPS reported Average number of shares Valuation ratios P/BV	0.0 -1.85 2.4 0.4	-1.40 3.1 0.5	-0.81 4.8 0.7	-0.44 4.8 0.8	-0.16 4.8 0.8	4.8 0.7
DPS EPS reported Average number of shares Valuation ratios P/BV EV/sales	0.0 -1.85 2.4 0.4 0.6	-1.40 3.1 0.5 0.6	-0.81 4.8 0.7 0.7	-0.44 4.8 0.8 0.6	-0.16 4.8 0.8 0.4	4.8 0.7 0.3
DPS EPS reported Average number of shares Valuation ratios P/BV	0.0 -1.85 2.4 0.4	-1.40 3.1 0.5	-0.81 4.8 0.7	-0.44 4.8 0.8	-0.16 4.8 0.8	0.10 4.8 0.7 0.3 2.5 14.2

Update - 17.05.2024



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
123fahrschule SE	2,8

Historical target price and rating changes for 123fahrschule SE

Company	Date	Analyst	Rating	Target Price	Close
123fahrschule SE	04.03.2024	Sennewald, Philipp	Buy	EUR 7.20	EUR 2.12
	16.10.2023	Sennewald, Philipp	Buy	EUR 8.70	EUR 2.80
	29.09.2023	Sennewald, Philipp	Buy	EUR 15.00	EUR 4.82

Update - 17.05.2024

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 adjust-



ment 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: 17/05/2024 07:45 AM Date of publication dissemination: 17/05/2024 07:45 AM

Update - 17.05.2024



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

