Technology - Germany

### Buy (old: Buy)

EUR 7.20 (old: EUR 7.20)

### H1 prelims to show further operational improvements

Next week, 123fahrschule will report H1 figures. H1 sales are seen to increase by 6% yoy to € 11.1m (eNuW), which once again looks set to be predominantly driven by the *Private Customer* segment (eNuW: € 8.4m) thanks to the imposed price increases, while the number of private customer registrations should have remained rather stable. Moreover, we expect the *Professional Driver Education* with € 1.3m sales (+15% yoy; eNuW) the *Driving Instructor Training* segment with € 1.5m sales (+10% yoy; eNuW) to continue on its strong growth paths.

However, **EBITDA** is seen to come in slightly softer yoy at  $\in$  0.1m (vs  $\in$  0.2m in H1'23), mainly due to a change in accounting, as the company is now building up provisions (i.e. vacation accruals) throughout the year instead of once a year in December. Adjusted for this effect, EBITDA should rather be in the region of  $\in$  0.5m (eNuW).

Overall, we expect the release to fully underpin our investment case, although it should only fully unfold next year when the positive effects from online theory lessons looks set to materialize. In fact, c. 50% of theory lessons can be held online, which should save the time resources of driving instructors and hence increase efficiency. This should ultimately ramp-up returns and profitability.

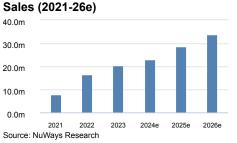
Moreover, 123f intends to further increase efficiency with the implementation of driving simulators, which allow learner drivers to complete up to 10 lessons in the future. According to management this should lead to significant scale effects as it increases the FTE per learner driver ratio. Through the acquisition of Foerst GmbH, 123f has additionally secured the sourcing of simulators. The company also plans to expand Foerst's portfolio with its proprietary software elements in order to offer an improved product also to third party market participants as part of a rental model (not yet included in our model).

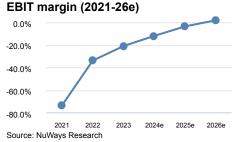
Furthermore, one of 123f's key USP's remains its in-house instructor training (10% market share), which grants the company a significant competitive edge given an average age of instructors in Germany of around 55 years. Unlike 123f, many competitors face succession problems. In order to take advantage of the situation, the company thus plans to open another instructor training center in FY25, increasing the annual capacities by another 30%.

Against this backdrop, the stock remains a BUY with an unchanged PT of € 7.20 based on DCF.

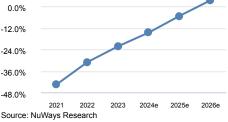
Y/E 31.12 (EUR m)	2021	2022	2023	2024e	2025e	2026e
Sales	7.8	16.7	20.6	23.2	28.6	33.8
Sales growth	81.8%	114.8%	23.7%	12.7%	23.0%	18.2%
EBITDA	-3.8	-2.7	-0.9	0.0	2.2	4.0
Net debt (if net cash=0)	-2.5	1.8	1.7	1.5	0.4	-2.1
FCF	-7.0	-2.8	-3.5	0.2	1.1	2.4
Net Debt/EBITDA	0.0	-0.7	-1.9	179.3	0.2	0.0
EPS pro forma	-1.85	-1.40	-0.79	-0.42	-0.15	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	0.8	1.0	0.9	0.7	0.5
EV/EBITDA	-1.3	-5.2	-23.2	2551.5	9.2	4.4
PER	-2.1	-2.8	-4.9	-9.3	-25.6	40.7
Adjusted FCF yield	-41.7%	-10.8%	-5.1%	-0.9%	6.4%	14.5%

Source: Company data, NuWays, Close price as of 12.07.2024





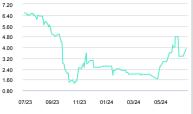




### **Company description**

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

19.07.2024



High/low 52 weeks (€)	6.50 / 1.29
3m rel. performance	92.3%
6m rel. performance	40.4%
12m rel. performance	-47.3%

Market data					
Share price (in €)	3.88				
Market cap (in € m)	19.7				
Number of shares (in m pcs)	5.1				
Enterprise value (in € m)	21.2				
Ø trading volume (6 months)	950				

	Identifier
Bloomberg Reuters WKN ISIN	123F GR 123F.DE A2P4HL 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	5%	5%	-5%				

### Comment on changes

 Increased number of shares following recent capital increases in kind

Guidance

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## 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	4.9	5.1	5.1	5.1
EPS reported	-1.85	-1.40	-0.80	-0.42	-0.15	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%	<b>-9</b> .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

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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
Balance sheet (common size)	2021	2022	2023	2024e	2025e	2026e
Intangible assets	51.5%	44.1%	43.0%	40.6%	36.4%	31.4%
Property, plant and equipment	8.6%	18.0%	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%	<b>59.3%</b>	<b>57.4%</b>	<b>53.2%</b>	47.3%
Inventories	0.0%	0.0%	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%	10.4%
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	0.8%	4.5%	2.5%	4.9%	5.8%	6.4%
Advance payments received on orders	5.5%	4.3 <i>%</i> 5.2%	8.0%	4.5% 8.1%	5.0 <i>%</i> 7.9%	7.3%
Other liabilities (incl. from lease and rental contracts)	0.0%	5.2 % 8.0%	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%	<b>23.2%</b>	<b>25.8%</b>	<b>26.2%</b>	2.9 % 25.3%
TOTAL LIABILITIES AND SHAREHOLDERS EQUITY	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Source: Company data NuWays	100.070	100.070	100.070	100.070	100.070	100.070

Source: Company data, NuWays

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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
Key ration (EUP m)	2021	2022	2023	2024e	2025e	2026e
Key ratios (EUR m) P&L growth analysis	2021	2022	2023	20246	20256	20208
Sales growth	81.8%	114.8%	23.7%	12.7%	23.0%	18.2%
EBITDA growth	74.7%	-29.6%	-66.8%	-100.9%	23.0% 26075.0%	85.7%
-	100.8%	-29.0%	-00.8%	-36.6%	-65.2%	-175.5%
EBIT growth EPS growth	17.4%	-1.0%	-23.0%	-30.0%	-03.2% -63.5%	-163.1%
Efficiency	17.470	-24.470	-42.0 /0	-40.270	-03.576	-103.170
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	20	55	50	10	00	100
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	77.3	52.9	50.0	45.0	40.0
Accounts payable turnover	6.7	24.5	11.5	20.0	20.0	20.0
Cash flow analysis	•	2		_0.0	2010	_0.0
Free cash flow	-7.0	-2.8	-3.5	0.2	1.1	2.4
Free cash flow/sales	-89.8%	-16.6%	-17.2%	0.9%	3.9%	7.2%
FCF / net profit	155.4%	63.6%	90.7%	neg.	neg.	505.1%
Capex / sales	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Solvency						
Net debt	-2.5	1.8	1.7	1.5	0.4	-2.1
Net Debt/EBITDA	0.0	-0.7	-1.9	179.3	0.2	0.0
Dividend payout ratio	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Interest paid / avg. debt	1.2%	0.2%	3.0%	3.2%	3.0%	3.0%
Returns						
ROCE	-43.7%	-31.1%	-22.2%	-14.5%	-5.1%	3.6%
ROE	-28.4%	-25.9%	-23.8%	-13.7%	-4.9%	2.8%
Adjusted FCF yield	-41.7%	-10.8%	-5.1%	-0.9%	6.4%	14.5%
Dividend yield	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DPS	0.0	0.0	0.0	0.0	0.0	0.0
EPS reported	-1.85	-1.40	-0.80	-0.42	-0.15	0.10
Average number of shares	2.4	3.1	4.9	5.1	5.1	5.1
Valuation ratios		5		5.1		0.1
P/BV	0.6	0.7	1.2	1.3	1.3	1.1
EV/sales	0.6	0.8	1.0	0.9	0.7	0.5
				0.0		
		-5.2	-23 2	2551.5	92	44
EV/EBITDA EV/EBIT	-1.3 -0.9	-5.2 -2.5	-23.2 -4.8	2551.5 -7.7	9.2 -21.1	4.4 24.5

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### 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

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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

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