

Dent		Value Indicators:	EUR	Warburg Risk Score:	3.3	Description:	
Buy		DCF:	6.00	Balance Sheet Score:	2.5	Verve is an advertising softv	
EUR <b>6.00</b>	(EUR 5.90)			Market Liquidity Score:	4.0	platform with strong first-par content.	ty games
		Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2024e
		Market cap:	636.4	Freefloat	76.00 %	Beta:	1.4
Price	EUR 3.40	No. of shares (m):	187.2	Bodhivas (Remco Westerm.)	24.30 %	Price / Book:	1.4 x
Upside	76.5 %	EV:	953.0	Oaktree Capital Management	20.30 %	Equity Ratio:	36 %
		Freefloat MC:	483.6	Nordnet Pensionsförsäkring	5.30 %	Net Fin. Debt / EBITDA:	2.7 x
		Ø Trad. Vol. (30d):	370.58 th	Sterling Active Fund	3.20 %	Net Debt / EBITDA:	2.7 x

# Anticipating another year of double-digit organic growth

Verve - Q4 2024					
in EUR m	Q4/24	Q4/24e	Q4/23	yoy	Consensus
Sales	144.2	127.7	98.7	46%	128.0
EBITDA margin	<b>44.1</b> 30.6%	47.1 36.8%	27.3 27.7%	61%	42.0 32.8%
EBITDA adjusted margin	<b>48.5</b> 33.6%	47.2 36.9%	31.7 32.1%	53%	43.0 33.6%
EBIT adjusted margin	<b>42.1</b> 29.2%	46.5 36.4%	26.7 27.1%	58%	37.0 28.9%
EPS in EUR	0.08	0.07	0.03	167%	0.06

## Comment on Figures:

- Considering that the comparison base was 15pp tougher, we had modelled a double-digit slowdown in organic growth for Q4. Despite this headwind, organic growth slowed by only 7pp to 24% in Q4. Reported growth was also boosted by the first-time consolidation of the Jun Group and a positive currency effect from a strong USD.
- Adj. EBITDA was up 53%, slightly ahead of our and consensus estimates.
- Net income and EPS beat our and consensus estimates as a lower tax rate (9.4%) more than offset somewhat higher interest expenses.
- Net debt improved by EUR 26m in Q4 to EUR 351m. This is testament to the improved free-cash-flow profile.
- Verve's Q4 figures excelled in many respects. The growth rate of large software clients accelerated to 57%, customer retention was at 97% and ad impressions grew by 33%, culminating in strong organic sales growth of 24% on a tough comparison base (+16%). Furthermore, adj. EBITDA was close to the upper end of the increased guidance range of EUR 125-135m. Finally, net leverage improved to 2.4x net debt/adj. EBITDA, including the Jun Group for the full year 2024.
- Verve only provides its annual guidance after Q1 results but we are confident that 2025 will be another year of double-digit organic growth. Firstly, management talked about a good start to the year. Secondly, market research for the US, Verve's most important market, points to low double-digit market growth. Finally, the Jun integration is progressing well, as Jun's organic growth accelerated to 10% (+9pp) in 2024 and management is confident of realising further revenue synergies in 2025. The icing on the cake remains Verve's proven success with ID-less targeting solutions, which should provide even more upside once Google follows Apple's lead in eliminating advertising identifiers.
- We confirm our Buy rating and slightly increase our DCF-based price target to EUR 6.

Changes in E	stimates:					
FY End: 31.12. in EUR m	2024e (old)	+/-	2025e (old)	+ / -	2026e (old)	+/-
Sales	419.0	4.3 %	515.0	1.0 %	570.0	0.9 %
EBITDA adj.	132.0	0.9 %	176.0	0.6 %	194.0	1.5 %
EBIT	95.5	-5.5 %	127.0	0.5 %	143.0	1.7 %
EPS	0.15	6.7 %	0.29	0.0 %	0.37	0.0 %

#### Comment on Changes:

- Positive top-line surprise in Q4. Our organic sales growth estimate for 2025 remains at 10%.
- Below the EBIT, our financial expense assumptions have increased somewhat for 2025, but we expect a EUR 10m improvement by 2026 vs. 2024 once the benefits of the targeted refinancing become visible on a full-year basis.
- Tax-rate assumptions lowered to 25% (2024: 9.4%).

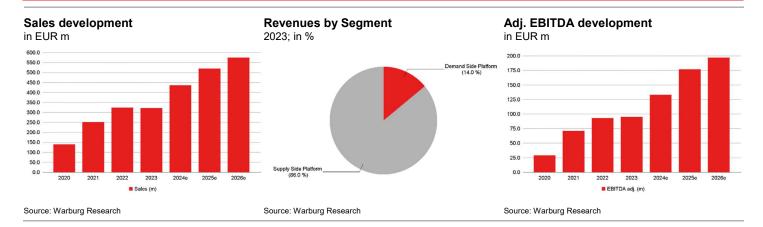


Rel. Performance vs \$	Scale All Share
1 month:	n/a
6 months:	14.5 %
Year to date:	11.1 %
Trailing 12 months:	173.1 %

Company events:	
28.05.25	Q1
11.06.25	AGM
19.08.25	Q2

FY End: 31.12. in EUR m	CAGR (23-26e)	2020	2021	2022	2023	2024e	2025e	2026e
Sales	21.3 %	140.2	252.2	324.4	322.0	437.0	520.0	575.0
Change Sales yoy	21.0 70	67.1 %	79.8 %	28.7 %	-0.8 %	35.7 %	19.0 %	10.6 %
EBITDA adj.		29.1	71.1	93.2	95.2	133.2	177.0	197.0
Margin	5.0 %	20.8 %	28.2 %	28.7 %	29.6 %	30.5 %	34.0 %	34.3 %
EBITDA	,	26.5	65.0	84.8	128.5	128.5	172.6	192.5
EBIT adj.	29.0 %	17.5	54.8	76.6	76.9	107.1	147.0	165.0
Margin		12.5 %	21.7 %	23.6 %	23.9 %	24.5 %	28.3 %	28.7 %
Net income	13.3 %	3.1	16.1	-20.3	47.3	28.3	54.0	68.7
EPS	7.2 %	0.03	0.11	-0.13	0.30	0.16	0.29	0.37
EPS adj.	7.5 %	0.09	0.20	0.14	0.37	0.25	0.38	0.46
DPS	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dividend Yield		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCFPS		0.09	0.27	0.73	0.05	0.13	0.36	0.42
FCF / Market cap		6.9 %	6.0 %	27.8 %	4.5 %	3.6 %	10.4 %	12.2 %
EV / Sales		1.5 x	3.4 x	2.1 x	1.5 x	2.3 x	1.8 x	1.6 x
EV / EBITDA		7.9 x	13.1 x	8.0 x	3.8 x	7.7 x	5.5 x	4.7 x
EV / EBIT		18.9 x	23.1 x	25.6 x	4.9 x	11.0 x	7.5 x	6.2 x
P/E		43.8 x	41.6 x	n.a.	4.1 x	21.3 x	11.7 x	9.2 x
P / E adj.		14.6 x	22.9 x	18.7 x	3.3 x	13.6 x	8.9 x	7.4 x
FCF Potential Yield	l	10.2 %	7.3 %	10.5 %	24.9 %	12.2 %	15.8 %	17.8 %
Net Debt		79.8	198.6	271.3	294.9	351.1	314.6	261.8
ROCE (NOPAT)		3.3 %	10.4 %	8.7 %	15.1 %	11.3 %	11.8 %	12.5 %
Guidance:	2024: EUR 40	0m to EUR 4	120m sales a	nd adj. EBIT	DA of EUR 1	25m to EUR	135m	



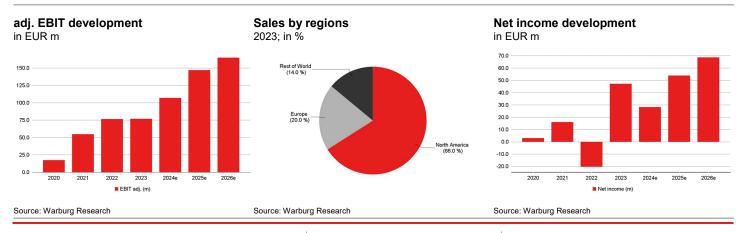


# **Company Background**

- Verve is an advertising software platform that automates and optimizes the buying and selling of advertising for clients across fast-growing emerging media channels such as mobile, connected TV, DOOH and digital audio.
- Verve has its own games portfolio with >5,000 casual & mobile games and >5 premium games with a total of >1bn registered players. In addition, Verve's SDK's are integrated into >20,000 apps.
- Verve is one of the largest proprietary first-party data platforms. First-party data enables better targeting as well as greater transparency
  in reporting and monitoring advertising campaigns.
- Verve is one of a few providers in the Open Internet covering the entire value chain. The advantage of a full-stack approach is that all processes between the advertiser and the publisher are integrated in one platform.
- Verve's business model is based on a flywheel that is driven by the synergies of supply, data and demand. The greater the supply reach, the more data; the more first-party data Verve accesses, the better the targeting.

# **Competitive Quality**

- Following the acquisition of the Jun group, Verve has now substantially strengthened its DSP position and can now leverage its SSP strength.
- The high share of first-party data reduces vulnerability from fraud. It also makes Verve's Advertising Software Platform less reliant on third-party data, which is increasingly regulated.
- Verve's stack approach leads to improved measurability of campaign success and more targeted identification of appropriate user profiles, i.e. higher ROI for advertisers & better monetization for publishers.
- With its strong proprietary games-portfolio (more first-party data) more advertisers will turn to Verve for user-acquisition to take a more targeted approach to reaching a broader audience (higher ROI).
- This in turn attracts more publishers aiming to monetize ad inventory via Verve's Ad Software Platform, where demand is higher and ad inventory at a higher price.





DCF model														
	Detaile	d forecas	t period				7	ransition	al period					Term. Value
Figures in EUR m	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	2035e	2036e	
Sales	437.0	520.0	575.0	632.5	689.4	744.6	796.7	836.5	878.4	922.3	949.9	978.4	1,002.9	
Sales change	35.7 %	19.0 %	10.6 %	10.0 %	9.0 %	8.0 %	7.0 %	5.0 %	5.0 %	5.0 %	3.0 %	3.0 %	2.5 %	1.5 %
EBIT	90.3	127.6	145.5	164.5	179.3	193.6	207.1	217.5	228.4	239.8	247.0	254.4	260.8	
EBIT-margin	20.7 %	24.5 %	25.3 %	26.0 %	26.0 %	26.0 %	26.0 %	26.0 %	26.0 %	26.0 %	26.0 %	26.0 %	26.0 %	
Tax rate (EBT)	9.4 %	25.0 %	29.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	
NOPAT	81.8	95.7	103.3	118.4	129.1	139.4	149.1	156.6	164.4	172.7	177.8	183.2	187.7	
Depreciation	38.2	45.0	47.0	50.6	55.2	59.6	63.7	66.9	70.3	73.8	76.0	78.3	80.2	
in % of Sales	8.8 %	8.7 %	8.2 %	8.0 %	8.0 %	8.0 %	8.0 %	8.0 %	8.0 %	8.0 %	8.0 %	8.0 %	8.0 %	
Changes in provisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Change in Liquidity from														
- Working Capital	-2.6	-7.0	-3.6	3.1	1.7	2.3	2.9	3.6	4.0	4.4	4.7	5.0	5.3	
- Capex	33.4	40.0	42.0	63.3	68.9	74.5	79.7	83.7	87.8	92.2	95.0	97.8	100.3	
Capex in % of Sales	7.6 %	7.7 %	7.3 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	
- Other	10.0	30.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Free Cash Flow (WACC Model)	79.2	77.7	66.9	102.6	113.5	122.1	130.3	136.3	142.9	149.8	154.1	158.6	162.4	183
PV of FCF	76.0	68.2	53.6	75.2	76.0	74.7	72.8	69.5	66.6	63.8	60.0	56.4	52.8	748
share of PVs		12.26 %						41.39	9 %					46.35 %

Model parameter				Valuation (m)			
Derivation of WACC:		Derivation of Beta:		Present values 2036e	865		
				Terminal Value	748		
Debt ratio	20.00 %	Financial Strength	2.30	Financial liabilities	417		
Cost of debt (after tax)	6.3 %	Liquidity (share)	1.00	Pension liabilities	0		
Market return	8.25 %	Cyclicality	1.25	Hybrid capital	0		
Risk free rate	2.75 %	Transparency	1.25	Minority interest	5		
		Others	1.00	Market val. of investments	0		
				Liquidity	41	No. of shares (m)	205.4
WACC	9.45 %	Beta	1.36	Equity Value	1,232	Value per share (EUR)	6.00

Sens	itivity Va	lue per Sh	are (EUR	)													
		Terminal (	Growth								Delta EBIT	Γ-margin					
Beta	WACC	0.75 %	1.00 %	1.25 %	1.50 %	1.75 %	2.00 %	2.25 %	Beta	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.59	10.5 %	4.80	4.87	4.94	5.02	5.10	5.19	5.28	1.59	10.5 %	4.57	4.72	4.87	5.02	5.17	5.32	5.47
1.48	10.0 %	5.22	5.30	5.39	5.48	5.58	5.68	5.80	1.48	10.0 %	5.00	5.16	5.32	5.48	5.64	5.80	5.96
1.42	9.7 %	5.44	5.53	5.63	5.73	5.84	5.95	6.08	1.42	9.7 %	5.24	5.40	5.57	5.73	5.90	6.06	6.23
1.36	9.5 %	5.69	5.79	5.89	6.00	6.12	6.25	6.38	1.36	9.5 %	5.49	5.66	5.83	6.00	6.17	6.34	6.51
1.30	9.2 %	5.94	6.05	6.17	6.29	6.42	6.56	6.71	1.30	9.2 %	5.76	5.94	6.11	6.29	6.46	6.64	6.82
1.25	9.0 %	6.22	6.34	6.46	6.59	6.74	6.89	7.05	1.25	9.0 %	6.05	6.23	6.41	6.59	6.78	6.96	7.14
1.13	8.5 %	6.82	6.96	7.12	7.28	7.45	7.64	7.84	1.13	8.5 %	6.69	6.88	7.08	7.28	7.47	7.67	7.87

- Our DCF approach is based on a detailed planning phase, a transitional phase, and a perpetuity term
- Long-term tax rate is assumed to be at 28%

# Verve



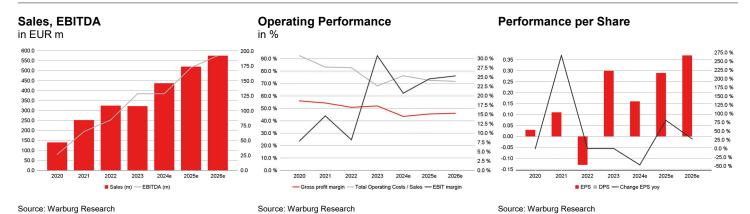
Valuation							
	2020	2021	2022	2023	2024e	2025e	2026e
Price / Book	0.7 x	2.1 x	1.3 x	0.6 x	1.4 x	1.3 x	1.1 x
Book value per share ex intangibles	-0.82	-1.99	-2.94	-2.79	-2.86	-2.54	-2.13
EV / Sales	1.5 x	3.4 x	2.1 x	1.5 x	2.3 x	1.8 x	1.6 x
EV / EBITDA	7.9 x	13.1 x	8.0 x	3.8 x	7.7 x	5.5 x	4.7 x
EV / EBIT	18.9 x	23.1 x	25.6 x	4.9 x	11.0 x	7.5 x	6.2 x
EV / EBIT adj.*	11.9 x	15.5 x	8.9 x	6.4 x	9.3 x	6.5 x	5.5 x
P/FCF	14.4 x	16.8 x	3.6 x	22.4 x	28.9 x	10.5 x	9.0 x
P/E	43.8 x	41.6 x	n.a.	4.1 x	21.3 x	11.7 x	9.2 x
P / E adj.*	14.6 x	22.9 x	18.7 x	3.3 x	13.6 x	8.9 x	7.4 x
Dividend Yield	n.a.						
FCF Potential Yield (on market EV)	10.2 %	7.3 %	10.5 %	24.9 %	12.2 %	15.8 %	17.8 %
*Adjustments made for: mostly relate to PPA amortisation	on						



Consolidated profit & loss							
In EUR m	2020	2021	2022	2023	2024e	2025e	2026e
Sales	140.2	252.2	324.4	322.0	437.0	520.0	575.0
Change Sales yoy	67.1 %	79.8 %	28.7 %	-0.8 %	35.7 %	19.0 %	10.6 %
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Own work capitalised	16.0	22.9	28.9	26.0	24.9	30.0	30.0
Total Sales	156.2	275.0	353.4	347.9	461.9	550.0	605.0
Material expenses	77.6	138.0	188.6	180.5	271.7	313.4	340.5
Gross profit	78.6	137.0	164.8	167.4	190.3	236.6	264.5
Gross profit margin	56.1 %	54.3 %	50.8 %	52.0 %	43.5 %	45.5 %	46.0 %
Personnel expenses	39.6	56.0	76.2	78.0	79.5	87.0	95.0
Other operating income	6.3	8.6	23.2	71.4	17.8	23.0	23.0
Other operating expenses	18.7	24.7	27.0	32.4	0.0	0.0	0.0
EBITDA adj.	29.1	71.1	93.2	95.2	133.2	177.0	197.0
Margin	20.8 %	28.2 %	28.7 %	29.6 %	30.5 %	34.0 %	34.3 %
EBITDA	26.5	65.0	84.8	128.5	128.5	172.6	192.5
Margin	18.9 %	25.8 %	26.1 %	39.9 %	29.4 %	33.2 %	33.5 %
Depreciation of fixed assets	3.0	3.0	5.0	3.0	3.0	3.0	3.0
EBITA	23.5	62.0	79.8	125.5	125.5	169.6	189.5
Amortisation of intangible assets	12.5	25.2	53.1	26.5	35.2	42.0	44.0
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	11.0	36.8	26.6	99.0	90.3	127.6	145.5
Margin	7.9 %	14.6 %	8.2 %	30.7 %	20.7 %	24.5 %	25.3 %
EBIT adj.	17.5	54.8	76.6	76.9	107.1	147.0	165.0
Interest income	0.4	0.9	0.3	0.0	6.4	2.0	2.0
Interest expenses	7.5	22.8	38.3	50.1	64.9	57.0	50.0
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	3.9	14.9	-11.3	48.9	31.8	72.6	97.5
Margin	2.8 %	5.9 %	-3.5 %	15.2 %	7.3 %	14.0 %	17.0 %
Total taxes	1.2	-1.2	9.1	2.7	3.0	18.2	28.3
Net income from continuing operations	2.7	16.1	-20.4	46.2	28.8	54.5	69.2
Income from discontinued operations (net of tax)	0.0	0.0	0.0	0.5	0.0	0.0	0.0
Net income before minorities	2.7	16.1	-20.4	46.7	28.8	54.5	69.2
Minority interest	-0.4	0.0	-0.1	-0.5	0.5	0.5	0.5
Net income	3.1	16.1	-20.3	47.3	28.3	54.0	68.7
Margin	2.2 %	6.4 %	-6.3 %	14.7 %	6.5 %	10.4 %	12.0 %
Number of shares, average	98.5	142.5	156.2	159.2	173.6	187.2	187.2
EPS	0.03	0.11	-0.13	0.30	0.16	0.29	0.37
EPS adj.	0.09	0.20	0.14	0.37	0.25	0.38	0.46
*Adjustments made for: mostly relate to PPA amortisation							

Guidance: 2024: EUR 400m to EUR 420m sales and adj. EBITDA of EUR 125m to EUR 135m

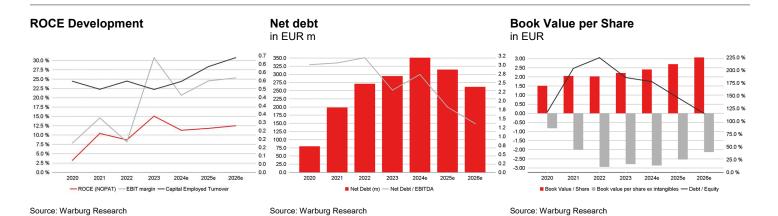
Financial Ratios												
	2020	2021	2022	2023	2024e	2025e	2026e					
Total Operating Costs / Sales	92.5 %	83.3 %	82.8 %	68.2 %	76.3 %	72.6 %	71.7 %					
Operating Leverage	1.8 x	2.9 x	-1.0 x	-358.2 x	-0.2 x	2.2 x	1.3 x					
EBITDA / Interest expenses	3.5 x	2.8 x	2.2 x	2.6 x	2.0 x	3.0 x	3.9 x					
Tax rate (EBT)	30.6 %	-7.8 %	-79.9 %	5.6 %	9.4 %	25.0 %	29.0 %					
Dividend Payout Ratio	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %					





Consolidated balance sheet							
In EUR m	2020	2021	2022	2023	2024e	2025e	2026
Assets							
Goodwill and other intangible assets	272.8	605.7	791.3	796.6	986.9	979.9	972.9
thereof other intangible assets	85.4	149.4	130.6	139.2	133.9	126.9	119.9
thereof Goodwill	164.0	412.0	587.7	587.7	783.2	783.2	783.2
Property, plant and equipment	1.7	4.7	5.5	3.9	4.3	6.3	8.3
Financial assets	18.9	40.1	20.2	12.9	4.9	4.9	4.9
Other long-term assets	0.0	0.0	6.7	0.1	0.0	0.0	0.0
Fixed assets	293.5	650.5	823.6	813.5	996.1	991.1	986.1
Inventories	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Accounts receivable	37.0	97.5	52.2	57.3	92.6	78.4	81.9
Liquid assets	46.3	180.2	150.0	121.7	146.7	158.2	151.0
Other short-term assets	9.1	5.9	18.8	14.5	17.0	17.0	17.0
Current assets	92.4	283.6	221.0	193.5	256.4	253.6	250.0
Total Assets	385.8	934.1	1,044.7	1,007.0	1,252.4	1,244.7	1,236.1
Liabilities and shareholders' equity							
Subscribed capital	117.1	149.7	159.2	159.2	186.3	186.3	186.3
Capital reserve	57.3	137.7	158.6	158.6	171.5	171.5	171.5
Retained earnings	5.6	21.7	1.4	34.4	92.4	146.3	215.1
Other equity components	-3.2	-1.6	3.7	0.0	0.4	0.9	1.5
Shareholders' equity	176.8	307.4	323.0	352.3	450.7	505.1	574.5
Minority interest	0.1	0.1	-1.2	0.2	0.2	0.2	0.2
Total equity	176.8	307.5	321.7	352.5	450.9	505.3	574.6
Provisions	17.3	54.0	65.2	65.2	63.3	63.3	63.3
thereof provisions for pensions and similar obligations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial liabilities (total)	126.0	378.7	421.3	416.6	497.8	472.8	412.8
Short-term financial liabilities	6.1	32.0	31.9	34.5	21.1	21.1	21.1
Accounts payable	30.0	53.8	68.7	66.2	104.1	96.9	104.0
Other liabilities	35.7	140.1	167.7	106.5	136.4	106.4	81.4
Liabilities	209.0	626.6	722.9	654.6	801.6	739.4	661.5
Total liabilities and shareholders' equity	385.8	934.1	1,044.7	1,007.0	1,252.4	1,244.7	1,236.1

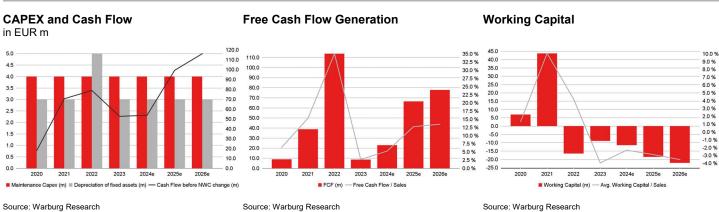
Financial Ratios							
	2020	2021	2022	2023	2024e	2025e	2026e
Efficiency of Capital Employment							
Operating Assets Turnover	16.1 x	5.2 x	-29.6 x	-64.7 x	-61.1 x	-42.7 x	-41.7 x
Capital Employed Turnover	0.5 x	0.6 x	0.7 x				
ROA	1.0 %	2.5 %	-2.5 %	5.8 %	2.8 %	5.4 %	7.0 %
Return on Capital							
ROCE (NOPAT)	3.3 %	10.4 %	8.7 %	15.1 %	11.3 %	11.8 %	12.5 %
ROE	2.2 %	6.6 %	-6.4 %	14.0 %	7.1 %	11.3 %	12.7 %
Adj. ROE	6.4 %	11.6 %	6.7 %	17.3 %	10.9 %	15.1 %	16.1 %
Balance sheet quality							
Net Debt	79.8	198.6	271.3	294.9	351.1	314.6	261.8
Net Financial Debt	79.8	198.6	271.3	294.9	351.1	314.6	261.8
Net Gearing	45.1 %	64.6 %	84.3 %	83.7 %	77.9 %	62.3 %	45.6 %
Net Fin. Debt / EBITDA	300.4 %	305.3 %	319.9 %	229.5 %	273.2 %	182.3 %	136.0 %
Book Value / Share	1.5	2.1	2.0	2.2	2.4	2.7	3.1
Book value per share ex intangibles	-0.8	-2.0	-2.9	-2.8	-2.9	-2.5	-2.1





Consolidated cash flow statement							
In EUR m	2020	2021	2022	2023	2024e	2025e	2026e
Net income	2.7	16.1	-20.4	46.2	28.8	54.5	69.2
Depreciation of fixed assets	3.0	3.0	5.0	3.0	3.0	3.0	3.0
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	12.5	25.2	53.1	26.5	35.2	42.0	44.0
Increase/decrease in long-term provisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other non-cash income and expenses	0.0	26.2	41.2	-23.0	-13.2	0.0	0.0
Cash Flow before NWC change	18.2	70.5	79.0	52.7	53.8	99.5	116.2
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase / decrease in accounts receivable	<b>-</b> 2.8	-60.5	45.3	-5.1	-35.3	14.2	-3.5
Increase / decrease in accounts payable	9.8	23.7	15.0	-2.5	37.9	-7.2	7.1
Increase / decrease in other working capital positions	0.0	31.1	13.9	0.0	0.0	0.0	0.0
Increase / decrease in working capital (total)	7.0	<b>-</b> 5.7	74.1	-7.6	2.6	7.0	3.6
Net cash provided by operating activities [1]	25.2	64.8	153.1	45.1	56.4	106.5	119.8
Investments in intangible assets	-15.0	-20.0	-23.0	-35.0	-30.0	-35.0	-37.0
Investments in property, plant and equipment	-1.2	-6.0	-4.0	-1.4	-3.4	-5.0	<b>-</b> 5.0
Payments for acquisitions	<b>-</b> 21.5	-269.6	-137.5	-13.0	-119.5	-30.0	-25.0
Financial investments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.0	0.0	0.0	17.0	0.0	0.0	0.0
Net cash provided by investing activities [2]	-37.7	-295.6	-176.7	-32.4	-152.9	-70.0	-67.0
Change in financial liabilities	-2.7	245.0	-16.2	-4.7	81.2	-25.0	-60.0
Dividends paid	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	28.5	113.2	28.5	0.0	38.5	0.0	0.0
Other	0.0	6.0	0.0	0.0	0.0	0.0	0.0
Net cash provided by financing activities [3]	25.8	364.2	12.3	-4.7	119.7	-25.0	-60.0
Change in liquid funds [1]+[2]+[3]	13.3	133.4	-11.3	8.0	23.2	11.5	-7.2
Effects of exchange-rate changes on cash	0.0	0.0	0.0	0.0	1.7	0.0	0.0
Cash and cash equivalent at end of period	46.3	179.7	168.9	158.0	146.7	158.2	151.0

Financial Ratios							
	2020	2021	2022	2023	2024e	2025e	2026e
Cash Flow							
FCF	9.0	38.8	113.9	8.7	23.0	66.5	77.8
Free Cash Flow / Sales	6.4 %	15.4 %	35.1 %	2.7 %	5.3 %	12.8 %	13.5 %
Free Cash Flow Potential	21.4	62.2	71.7	121.7	121.5	150.5	160.2
Free Cash Flow / Net Profit	293.5 %	241.3 %	-560.4 %	18.4 %	81.3 %	123.2 %	113.2 %
Interest Received / Avg. Cash	0.9 %	0.8 %	0.2 %	0.0 %	4.8 %	1.3 %	1.3 %
Interest Paid / Avg. Debt	7.3 %	9.0 %	9.6 %	12.0 %	14.2 %	11.7 %	11.3 %
Management of Funds							
Investment ratio	11.6 %	10.3 %	8.3 %	11.3 %	7.6 %	7.7 %	7.3 %
Maint. Capex / Sales	2.9 %	1.6 %	1.2 %	1.2 %	0.9 %	0.8 %	0.7 %
Capex / Dep	104.5 %	92.2 %	46.4 %	123.6 %	87.3 %	88.9 %	89.4 %
Avg. Working Capital / Sales	1.3 %	10.1 %	4.2 %	-3.9 %	-2.3 %	-2.9 %	-3.5 %
Trade Debtors / Trade Creditors	123.2 %	181.4 %	76.0 %	86.6 %	89.0 %	80.9 %	78.8 %
Inventory Turnover	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Receivables collection period (days)	96	141	59	65	77	55	52
Payables payment period (days)	141	142	133	134	140	113	111
Cash conversion cycle (Days)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.



Source: Warburg Research Source: Warburg Research



## **LEGAL DISCLAIMER**

This research report ("investment recommendation") was prepared by the Warburg Research GmbH, a fully owned subsidiary of the M.M.Warburg & CO (AG & Co.) KGaA and is passed on by the M.M.Warburg & CO (AG & Co.) KGaA. It is intended solely for the recipient and may not be passed on to another company without their prior consent, regardless of whether the company is part of the same corporation or not. It contains selected information and does not purport to be complete. The investment recommendation is based on publicly available information and data ("information") believed to be accurate and complete. Warburg Research GmbH neither examines the information for accuracy and completeness, nor guarantees its accuracy and completeness. Possible errors or incompleteness of the information do not constitute grounds for liability of M.M.Warburg & CO (AG & Co.) KGaA or Warburg Research GmbH for damages of any kind whatsoever, and M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are not liable for indirect and/or direct and/or consequential damages. In particular, neither M.M.Warburg & CO (AG & Co.) KGaA nor Warburg Research GmbH are liable for the statements, plans or other details contained in these investment recommendations concerning the examined companies, their affiliated companies, strategies, economic situations, market and competitive situations, regulatory environment, etc. Although due care has been taken in compiling this investment recommendation, it cannot be excluded that it is incomplete or contains errors. M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH, their shareholders and employees are not liable for the accuracy and completeness of the statements, estimations and the conclusions derived from the information contained in this investment recommendation. Provided a investment recommendation is being transmitted in connection with an existing contractual relationship, i.e. financial advisory or similar services, the liability of M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH shall be restricted to gross negligence and wilful misconduct. In case of failure in essential tasks, M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are liable for normal negligence. In any case, the liability of M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH is limited to typical, expectable damages. This investment recommendation does not constitute an offer or a solicitation of an offer for the purchase or sale of any security. Partners, directors or employees of M.M.Warburg & CO (AG & Co.) KGaA, Warburg Research GmbH or affiliated companies may serve in a position of responsibility, i.e. on the board of directors of companies mentioned in the report. Opinions expressed in this investment recommendation are subject to change without notice. The views expressed in this research report accurately reflect the research analyst's personal views about the subject securities and issuers. Unless otherwise specified in the research report, no part of the research analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views contained in the research report. All rights reserved.

# **COPYRIGHT NOTICE**

This work including all its parts is protected by copyright. Any use beyond the limits provided by copyright law without permission is prohibited and punishable. This applies, in particular, to reproductions, translations, microfilming, and storage and processing on electronic media of the entire content or parts thereof.

# DISCLOSURE ACCORDING TO §85 OF THE GERMAN SECURITIES TRADING ACT (WPHG), MAR AND MIFID II INCL. COMMISSION DELEGATED REGULATION (EU) 2016/958 AND (EU) 2017/565

The valuation underlying the investment recommendation for the company analysed here is based on generally accepted and widely used methods of fundamental analysis, such as e.g. DCF Model, Free Cash Flow Value Potential, NAV, Peer Group Comparison or Sum of the Parts Model (see also <a href="http://www.mmwarburg.de/disclaimer/disclaimer/disclaimer.htm#Valuation">http://www.mmwarburg.de/disclaimer/disclaimer.htm#Valuation</a>). The result of this fundamental valuation is modified to take into consideration the analyst's assessment as regards the expected development of investor sentiment and its impact on the share price.

Independent of the applied valuation methods, there is the risk that the price target will not be met, for instance because of unforeseen changes in demand for the company's products, changes in management, technology, economic development, interest rate development, operating and/or material costs, competitive pressure, supervisory law, exchange rate, tax rate etc. For investments in foreign markets and instruments there are further risks, generally based on exchange rate changes or changes in political and social conditions.

This commentary reflects the opinion of the relevant author at the point in time of its compilation. A change in the fundamental factors underlying the valuation can mean that the valuation is subsequently no longer accurate. Whether, or in what time frame, an update of this commentary follows is not determined in advance.

Additional internal and organisational arrangements to prevent or to deal with conflicts of interest have been implemented. Among these are the spatial separation of Warburg Research GmbH from M.M.Warburg & CO (AG & Co.) KGaA and the creation of areas of confidentiality. This prevents the exchange of information, which could form the basis of conflicts of interest for Warburg Research GmbH in terms of the analysed issuers or their financial instruments.

The analysts of Warburg Research GmbH do not receive a gratuity – directly or indirectly – from the investment banking activities of M.M.Warburg & CO (AG & Co.) KGaA or of any company within the Warburg-Group.

All prices of financial instruments given in this investment recommendation are the closing prices on the last stock-market trading day before the publication date stated, unless another point in time is explicitly stated.

M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are subject to the supervision of the Federal Financial Supervisory Authority, BaFin. M.M.Warburg & CO (AG & Co.) KGaA is additionally subject to the supervision of the European Central Bank (ECB).

# SOURCES

All data and consensus estimates have been obtained from FactSet except where stated otherwise.



## Additional information for clients in the United States

- 1. This research report (the "Report") is a product of Warburg Research GmbH, Germany, a fully owned subsidiary of M.M.Warburg & CO (AG & Co.) KGaA, Germany (in the following collectively "Warburg"). Warburg is the employer of the research analyst(s), who have prepared the Report. The research analyst(s) reside outside the United States and are not associated persons of any U.S. regulated broker-dealer and therefore are not subject to the supervision of any U.S. regulated broker-dealer.
- 2. The Report is provided in the United States for distribution solely to "major U.S. institutional investors" under Rule 15a-6 of the U.S. Securities Exchange Act of 1934 by CIC.
- 3. CIC (Crédit Industriel et Commercial) and M.M.Warburg & CO have concluded a Research Distribution Agreement that gives CIC Market Solutions exclusive distribution in France, the US and Canada of the Warburg Research GmbH research product.
- 4. The research reports are distributed in the United States of America by CIC ("CIC") pursuant to a SEC Rule 15a-6 agreement with CIC Market Solutions Inc ("CICI"), a U.S. registered broker-dealer and a related company of CIC, and are distributed solely to persons who qualify as "Major U.S. Institutional Investors" as defined in SEC Rule 15a-6 under the Securities Exchange Act of 1934.
- 5. Any person who is not a Major U.S. Institutional Investor must not rely on this communication. The delivery of this research report to any person in the United States of America is not a recommendation to effect any transactions in the securities discussed herein, or an endorsement of any opinion expressed herein.

# Reference in accordance with section 85 of the German Securities Trading Act (WpHG) and Art. 20 MAR regarding possible conflicts of interest with companies analysed:

- Warburg Research, or an affiliated company, or an employee of one of these companies responsible for the compilation of the research, hold -1a share of more than 5% of the equity capital of the analysed company.
- Warburg Research, or an affiliated company, within the last twelve months participated in the management of a consortium for an issue in -2the course of a public offering of such financial instruments, which are, or the issuer of which is, the subject of the investment recommendation.
- Companies affiliated with Warburg Research manage financial instruments, which are, or the issuers of which are, subject of the investment -3recommendation, in a market based on the provision of buy or sell contracts.
- MMWB, Warburg Research, or an affiliated company, reached an agreement with the issuer to provide investment banking and/or investment services and the relevant agreement was in force in the last 12 months or there arose for this period, based on the relevant agreement, the obligation to provide or to receive a service or compensation - provided that this disclosure does not result in the disclosure of confidential business information.
- The company compiling the analysis or an affiliated company had reached an agreement on the compilation of the investment -5recommendation with the analysed company.
- Warburg Research, or an affiliated company, holds a net long position of more than 0.5% of the total issued share capital of the analysed -6acompany.
- Warburg Research, or an affiliated company, holds a net short position of more than 0.5% of the total issued share capital of the analysed -6bcompany.
- The issuer holds shares of more than 5% of the total issued capital of Warburg Research or an affiliated company. -6c-
- The company preparing the analysis as well as its affiliated companies and employees have other important interests in relation to the -7analysed company, such as, for example, the exercising of mandates at analysed companies.

This report has been made accessible to the company analysed and was modified thereafter.

Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)			
Verve	5	https://www.mmwarburg.com/disclaimer_disclaimer_en/SE0018538068.htm			



## INVESTMENT RECOMMENDATION

Investment recommendation: expected direction of the share price development of the financial instrument up to the given <u>price target</u> in the opinion of the analyst who covers this financial instrument.

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

WARBURG RESEARCH GMBH - A	ANAI YSFD RESEARCH	UNIVERSE BY RATING
---------------------------	--------------------	--------------------

Rating	Number of stocks	% of Universe
Buy	145	72
Hold	43	21
Sell	8	4
Rating suspended	6	3
Total	202	100

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

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

Rating	Number of stocks	% of Universe
Buy	40	77
Hold	8	15
Sell	1	2
Rating suspended	3	6
Total	52	100

# PRICE AND RATING HISTORY VERVE AS OF 05.03.2025



Markings in the chart show rating changes by Warburg Research GmbH in the last 12 months. Every marking details the date and closing price on the day of the rating change.



EQUITIES			
Matthias Rode	+49 40 3282-2678		
Head of Equities	mrode@mmwarburg.com		
RESEARCH			
Michael Heider Head of Research	+49 40 309537-280 mheider@warburg-research.com	Hannes Müller Software, IT	+49 40 309537-255 hmueller@warburg-research.com
Henner Rüschmeier	+49 40 309537-270	Andreas Pläsier	+49 40 309537-246
Head of Research	hrueschmeier@warburg-research.com	Banks, Financial Services	aplaesier@warburg-research.com
Stefan Augustin Cap. Goods, Engineering	+49 40 309537-168 saugustin@warburg-research.com	Malte Schaumann Technology	+49 40 309537-170 mschaumann@warburg-research.com
Jan Bauer Renewables	+49 40 309537-155	Oliver Schwarz	+49 40 309537-250
Christian Cohrs	jbauer@warburg-research.com +49 40 309537-175	Chemicals, Agriculture Simon Stippig	oschwarz@warburg-research.com +49 40 309537-265
Industrials & Transportation	ccohrs@warburg-research.com	Real Estate, Telco	sstippig@warburg-research.com
Dr. Christian Ehmann BioTech, Life Science	+49 40 309537-167 cehmann@warburg-research.com	Marc-René Tonn Automobiles, Car Suppliers	+49 40 309537-259 mtonn@warburg-research.com
Felix Ellmann	+49 40 309537-120	Robert-Jan van der Horst	+49 40 309537-290
Software, IT  Jörg Philipp Frey	fellmann@warburg-research.com +49 40 309537-258	Technology  Andreas Wolf	rvanderhorst@warburg-research.com +49 40 309537-140
Retail, Consumer Goods	jfrey@warburg-research.com	Software, IT	awolf@warburg-research.com
Marius Fuhrberg Financial Services	+49 40 309537-185 mfuhrberg@warburg-research.com		
Fabio Hölscher	+49 40 309537-240		
Automobiles, Car Suppliers	fhoelscher@warburg-research.com		
Philipp Kaiser Real Estate, Construction	+49 40 309537-260 pkaiser@warburg-research.com		
Thilo Kleibauer	+49 40 309537-257		
Retail, Consumer Goods	tkleibauer@warburg-research.com		
INSTITUTIONAL EQUI			40.40.0000.0000
Klaus Schilling Head of Equity Sales, Germany	+49 69 5050-7400 kschilling@mmwarburg.com	Sascha Propp France	+49 40 3282-2656 spropp@mmwarburg.com
Tim Beckmann	+49 40 3282-2665		7 110 3
United Kingdom  Jens Buchmüller	tbeckmann@mmwarburg.com +49 69 5050-7415		
Scandinavia, Austria	jbuchmueller@mmwarburg.com		
Matthias Fritsch	+49 40 3282-2696	Leyan Ilkbahar	+49 40 3282-2695
United Kingdom, Ireland  Rudolf Alexander Michaelis	mfritsch@mmwarburg.com +49 40 3282-2649	Roadshow/Marketing  Antonia Möller	lilkbahar@mmwarburg.com +49 69 5050-7417
Germany	rmichaelis@mmwarburg.com	Roadshow/Marketing	amoeller@mmwarburg.com
Roman Alexander Niklas	+49 69 5050-7412	Juliane Niemann Roadshow/Marketing	+49 40 3282-2694
Switzerland, Poland, Italy	rniklas@mmwarburg.com		jniemann@mmwarburg.com
SALES TRADING	. 40. 40. 2000. 2004	DESIGNATED SPONSOF	
Oliver Merckel Head of Sales Trading	+49 40 3282-2634 omerckel@mmwarburg.com	Marcel Magiera Designated Sponsoring	+49 40 3282-2662 mmagiera@mmwarburg.com
Bastian Quast	+49 40 3282-2701	Sebastian Schulz	+49 40 3282-2631
Sales Trading	bquast@mmwarburg.com	Designated Sponsoring	sschulz@mmwarburg.com
Christian Salomon Sales Trading	+49 40 3282-2685 csalomon@mmwarburg.com	Jörg Treptow  Designated Sponsoring	+49 40 3282-2658 itreptow@mmwarburg.com
MACRO RESEARCH	osalonion@mmwarbarg.com	- Besignated opensoring	Juoptow@mmwarbarg.com
Carsten Klude	+49 40 3282-2572	Dr. Christian Jasperneite	+49 40 3282-2439
Macro Research	cklude@mmwarburg.com	Investment Strategy	cjasperneite@mmwarburg.com
Our research can be fo	ound under:		
Warburg Research	research.mmwarburg.com/en/index.html	LSEG	www.lseg.com
Bloomberg	RESP MMWA GO	Capital IQ	www.capitaliq.com
FactSet	www.factset.com		
For access please conta	ct:		
Andrea Schaper	+49 40 3282-2632	Kerstin Muthig	+49 40 3282-2703
Sales Assistance	aschaper@mmwarburg.com	Sales Assistance	kmuthig@mmwarburg.com