

Buy EUR 4.00	Value Indicators: EUR DCF: 4.00	Warburg ESG Risk Score: 2.0 ESG Score (MSCI based): 3.0 Balance Sheet Score: 2.0 Market Liquidity Score: 1.0	Description: MGI is an advertising software platform with strong first-party games content.
	Price: EUR 1.60 Upside: 149.4 %	Market Snapshot: EUR m Market cap: 255.4 No. of shares (m): 159.2 EV: 511.9 Freefloat MC: 189.0	Shareholders: Freefloat: 74.00 % Bodhivas (Remco Westernm.): 26.20 % Oaktree Capital Management: 17.70 % Sterling Active Fund: 2.90 % Henderson Global Investors: 2.50 %

Double-digit organic growth in a tough environment

Stated Figures Q4 2022

Media and Games Invest - Q4 2022								
in EUR m	Q4/22	Q4/22e	Q4/21	yoy	2022	2021	yoy	Consensus
Sales	93	87.5	80	16%	324	252	29%	322.0
EBITDA	27	22.8	21	27%	85	65	30%	83.8
<i>margin</i>	29%	26.0%	26%		26%	26%		26.0%
EBITDA adjusted	32	26.8	23	35%	93	71	31%	87.4
<i>margin</i>	34%	30.6%	29%		29%	28%		27.1%

Comment on Figures:

- Q4 sales grew 16% in Euro terms. Organic growth reached 13%, i.e. a slowdown of 10pp from the excellent 23% OSG in Q3. The gap between organic and reported sales growth narrowed to just 3pp, as Smaato is now in the prior-year comparison base and the inorganic component is now mainly comprised of AxesInMotion.
- Adj. EBITDA margin increased 5pp yoy reflecting efficiency gains and, to a lesser extent, a positive mix effect from the AxesInMotion acquisition.
- The higher EBITDA adjustments reflect one-time costs for the relocation of the headquarters to Sweden, the staff-cut of 50 FTEs and M&A.
- Net debt declined by EUR 33m to EUR 275m in the quarter. This was largely driven by the sale of receivables, using attractive financing conditions (prime rate +1.55%). Thus, the receivables collection period is now back to the 2019/2020 level, i.e. before the ad-tech push.

MGI reported strong Q4 figures, beating our estimates and reaching the very top end of its increased guidance for sales of EUR 315-325m and adj. EBITDA of EUR 83-93m. In 2022 ad-software revenues comprised 80% of sales (+11pp yoy) and the transformation from gaming to ad-tech is now fully reflected in the figures.

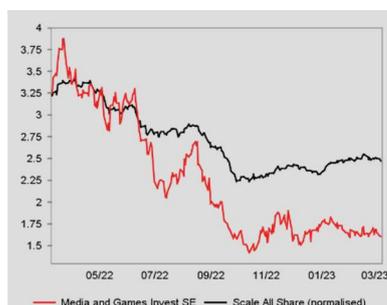
The slowdown in organic sales growth and the lack of guidance have been somewhat diluting the positive message of the strong Q4 earnings beat. That said, this should be seen against the background of a generally weak online advertising and gaming market, e.g. online advertising in Germany declined 7% in Q4. Besides, MGI was facing very strong comps in Q4 (+36% OSG). Despite the weak market environment, MGI's customer base still grew 32% yoy. Once MGI is no longer facing a double-digit percentage decline in CPMs, this should lead to a return to significant double-digit sales growth. We thus expect an acceleration of sales growth in H2 2023 as the company will then be comparing against a period with weak CPMs. We confirm our Buy rating and EUR 4 price target.

Changes in Estimates:

FY End: 31.12. in EUR m	2022e (old)	+ / -	2023e (old)	+ / -	2024e (old)	+ / -
Sales	324.4	0.0 %	340.0	0.0 %	400.0	0.0 %
EBITDA adj.	93.2	0.0 %	95.0	0.0 %	114.0	0.0 %
EBIT	26.6	0.0 %	57.0	0.0 %	72.0	0.0 %
EPS	-0.13	0.0 %	0.05	0.0 %	0.13	0.0 %

Comment on Changes:

- We stick to our 2023 & 2024 sales and EBITDA estimates
- Our net income and EPS estimates decline, as we now base our estimates on a EURIBOR of 3% for MGI's outstanding floating-rate debt.

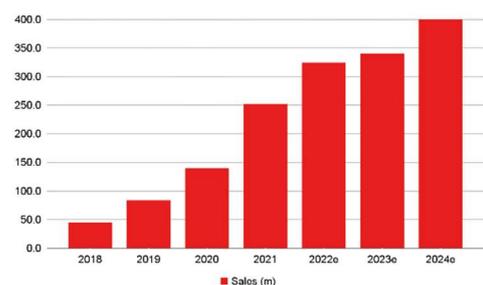


Rel. Performance vs Scale All	
1 month:	-2.2 %
6 months:	-13.6 %
Year to date:	-13.3 %
Trailing 12 months:	-29.1 %

Company events:	
31.05.23	Q1
30.06.23	AGM
31.08.23	Q2

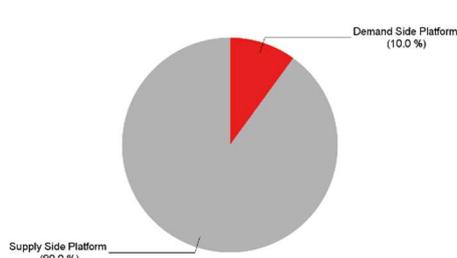
FY End: 31.12. in EUR m	CAGR (21-24e)	2018	2019	2020	2021	2022e	2023e	2024e
Sales	16.6 %	45.3	83.9	140.2	252.2	324.4	340.0	400.0
Change Sales yoy		7.6 %	85.2 %	67.1 %	79.8 %	28.7 %	4.8 %	17.6 %
EBITDA adj.		13.4	18.1	29.1	71.1	93.2	95.0	114.0
Margin	0.4 %	29.5 %	21.6 %	20.8 %	28.2 %	28.7 %	27.9 %	28.5 %
EBITDA		11.1	15.5	26.5	65.0	84.8	91.0	110.0
EBIT adj.	18.0 %	2.6	10.5	17.5	54.8	76.6	75.0	90.0
Margin		5.7 %	12.5 %	12.5 %	21.7 %	23.6 %	22.1 %	22.5 %
Net income	9.2 %	1.5	-0.3	3.1	16.1	-20.3	7.6	21.0
EPS	5.7 %	n.a.	-0.01	0.03	0.11	-0.13	0.05	0.13
EPS adj.	6.3 %	n.a.	0.07	0.09	0.20	0.14	0.15	0.24
DPS	-	n.a.	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		n.a.	0.06	0.09	0.27	0.24	0.08	0.23
FCF / Market cap		n.a.	5.4 %	7.0 %	5.9 %	14.5 %	4.9 %	14.4 %
EV / Sales		n.a.	1.4 x	1.5 x	3.4 x	1.6 x	1.5 x	1.2 x
EV / EBITDA		n.a.	7.8 x	7.9 x	13.1 x	6.3 x	5.6 x	4.5 x
EV / EBIT		n.a.	24.1 x	18.9 x	23.1 x	20.1 x	9.0 x	6.8 x
P / E		n.a.	n.a.	43.7 x	41.7 x	n.a.	32.1 x	12.3 x
P / E adj.		n.a.	16.6 x	14.6 x	22.9 x	11.5 x	10.7 x	6.7 x
FCF Potential Yield		n.a.	11.7 %	10.2 %	7.3 %	13.4 %	15.1 %	19.3 %
Net Debt		38.1	46.1	79.8	198.6	274.1	254.5	232.7
ROCE (NOPAT)		6.8 %	n.a.	3.3 %	10.4 %	8.7 %	4.3 %	8.0 %
Guidance:		no guidance						

Sales development
in EUR m



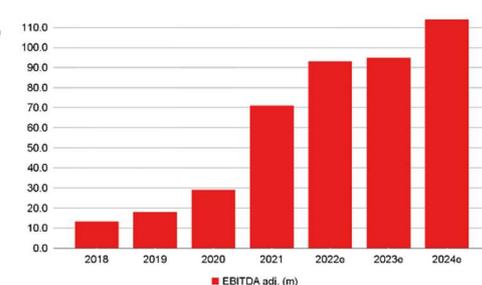
Source: Warburg Research

Revenues by Segment
2022; in %



Source: Warburg Research

Adj. EBITDA development
in EUR m



Source: Warburg Research

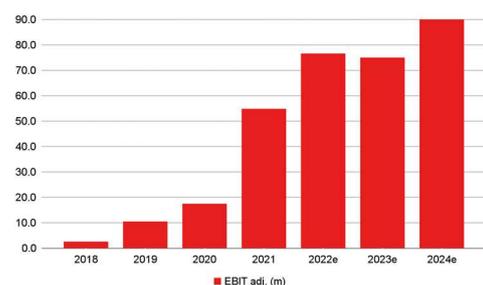
Company Background

- MGI is an advertising software platform that helps advertisers efficiently acquire customers via smartphones, computers, connected TV or DOOH as well as publishers optimally monetize their advertising space
- MGI has its own games portfolio with >5,000 casual & mobile games and >10 premium games with a total of >1bn registered players. In addition, MGI's SDK's are integrated into the apps of >5,000 publishers.
- MGI one of the largest proprietary first-party data platforms. First-party data enables better targeting as well as greater transparency in reporting and monitoring of advertising campaigns.
- MGI 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.
- The MGI business model is based on a flywheel that is driven by the software platform synergies between advertising technology and games. This relationship can be further accelerated by both M&A and innovation.

Competitive Quality

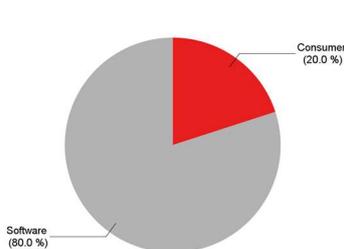
- The combination of ads & games allows MGI to optimally sell the ad-spaces in the games and leads to more efficient user acquisition representing a significant competitive advantage for the Company's own games portfolio.
- The high share of first-party data reduces vulnerability from fraud. It also makes MGI's Advertising Software Platform less reliant on third-party data, which are increasingly regulated.
- MGI'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.
- The strong proprietary games portfolio (i.e. more first-party data) will lead to more advertisers using MGI for user acquisition as they can reach a broader audience in a more targeted way (i.e. higher ROI).
- This in turn attracts more publishers who also want to monetize their ad inventory via MGI's Ad Software Platform, as there is higher demand and as the ability to sell their ad inventory at a higher price.

adj. EBIT development
in EUR m



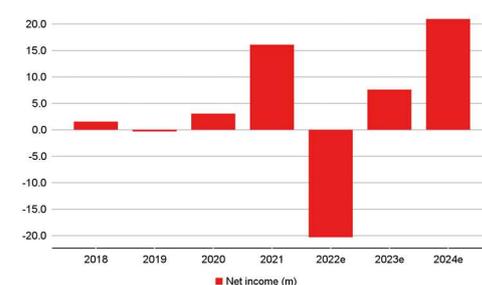
Source: Warburg Research

Sales by segments
2022; in %



Source: Warburg Research

Net income development
in EUR m



Source: Warburg Research

DCF model

Figures in EUR m	Detailed forecast period			Transitional period										Term. Value
	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	
Sales	324.4	340.0	400.0	448.0	492.8	542.1	580.0	609.0	639.5	671.5	691.6	712.3	730.2	
Sales change	28.7 %	4.8 %	17.6 %	12.0 %	10.0 %	10.0 %	7.0 %	5.0 %	5.0 %	5.0 %	3.0 %	3.0 %	2.5 %	2.5 %
EBIT	26.6	57.0	72.0	80.6	88.7	97.6	104.4	109.6	115.1	120.9	124.5	128.2	131.4	
EBIT-margin	8.2 %	16.8 %	18.0 %	18.0 %	18.0 %	18.0 %	18.0 %	18.0 %	18.0 %	18.0 %	18.0 %	18.0 %	18.0 %	
Tax rate (EBT)	-79.9 %	55.0 %	35.0 %	20.0 %	20.0 %	20.0 %	20.0 %	22.0 %	25.0 %	27.0 %	28.0 %	28.0 %	28.0 %	
NOPAT	47.9	25.7	46.8	64.5	71.0	78.1	83.5	85.5	86.3	88.2	89.6	92.3	94.6	
Depreciation	58.1	34.0	38.0	44.8	49.3	54.2	58.0	60.9	63.9	67.1	69.2	71.2	73.0	
in % of Sales	17.9 %	10.0 %	9.5 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	
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	-41.4	-0.5	-7.3	27.9	2.2	2.5	1.9	1.5	1.5	1.6	1.0	1.0	0.9	
- Capex	41.8	30.0	30.0	44.8	49.3	54.2	58.0	60.9	63.9	67.1	69.2	71.2	73.0	
Capex in % of Sales	12.9 %	8.8 %	7.5 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	10.0 %	
- Other	122.0	20.0	30.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Free Cash Flow (WACC Model)	-16.4	10.2	32.1	-3.4	68.7	75.6	81.6	84.1	84.8	86.6	88.6	91.3	93.7	96
PV of FCF	-15.9	9.1	26.3	-2.5	47.3	47.8	47.3	44.7	41.4	38.8	36.4	34.4	32.4	512
share of PVs	2.16 %			40.94 %										56.90 %

Model parameter

Derivation of WACC:		Derivation of Beta:	
Debt ratio	20.00 %	Financial Strength	2.10
Cost of debt (after tax)	4.9 %	Liquidity (share)	1.00
Market return	8.25 %	Cyclicality	1.25
Risk free rate	2.75 %	Transparency	1.25
		Others	1.00
WACC	9.00 %	Beta	1.32

Valuation (m)

Present values 2034e	388		
Terminal Value	512		
Financial liabilities	439		
Pension liabilities	0		
Hybrid capital	0		
Minority interest	0		
Market val. of investments	0		
Liquidity	237	No. of shares (m)	174.4
Equity Value	697	Value per share (EUR)	4.00

Sensitivity Value per Share (EUR)

Beta	WACC	Terminal Growth							Beta	WACC	Delta EBIT-margin						
		1.75 %	2.00 %	2.25 %	2.50 %	2.75 %	3.00 %	3.25 %			-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.55	10.0 %	2.98	3.04	3.11	3.18	3.26	3.35	3.44	1.55	10.0 %	2.72	2.88	3.03	3.18	3.34	3.49	3.64
1.44	9.5 %	3.31	3.39	3.47	3.56	3.66	3.76	3.87	1.44	9.5 %	3.07	3.23	3.40	3.56	3.73	3.89	4.05
1.38	9.2 %	3.50	3.58	3.67	3.77	3.88	3.99	4.11	1.38	9.2 %	3.26	3.43	3.60	3.77	3.94	4.11	4.28
1.32	9.0 %	3.69	3.79	3.89	4.00	4.12	4.24	4.38	1.32	9.0 %	3.47	3.64	3.82	4.00	4.17	4.35	4.53
1.26	8.7 %	3.91	4.01	4.12	4.24	4.37	4.52	4.67	1.26	8.7 %	3.69	3.88	4.06	4.24	4.43	4.61	4.79
1.21	8.5 %	4.14	4.25	4.37	4.51	4.66	4.82	4.99	1.21	8.5 %	3.94	4.13	4.32	4.51	4.70	4.89	5.08
1.09	8.0 %	4.65	4.79	4.95	5.12	5.30	5.50	5.73	1.09	8.0 %	4.49	4.70	4.91	5.12	5.32	5.53	5.74

- 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%

Valuation	2018	2019	2020	2021	2022e	2023e	2024e
Price / Book	n.a.	0.8 x	0.7 x	2.1 x	0.8 x	0.8 x	0.7 x
Book value per share ex intangibles	n.a.	-1.93	-0.82	-1.99	-2.94	-2.85	-2.65
EV / Sales	n.a.	1.4 x	1.5 x	3.4 x	1.6 x	1.5 x	1.2 x
EV / EBITDA	n.a.	7.8 x	7.9 x	13.1 x	6.3 x	5.6 x	4.5 x
EV / EBIT	n.a.	24.1 x	18.9 x	23.1 x	20.1 x	9.0 x	6.8 x
EV / EBIT adj.*	n.a.	11.5 x	11.9 x	15.5 x	7.0 x	6.8 x	5.4 x
P / FCF	n.a.	18.7 x	14.4 x	16.8 x	7.5 x	22.6 x	7.7 x
P / E	n.a.	n.a.	43.7 x	41.7 x	n.a.	32.1 x	12.3 x
P / E adj.*	n.a.	16.6 x	14.6 x	22.9 x	11.5 x	10.7 x	6.7 x
Dividend Yield	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCF Potential Yield (on market EV)	n.a.	11.7 %	10.2 %	7.3 %	13.4 %	15.1 %	19.3 %

*Adjustments made for: mostly relate to PPA amortisation

Consolidated profit & loss

In EUR m	2018	2019	2020	2021	2022e	2023e	2024e
Sales	45.3	83.9	140.2	252.2	324.4	340.0	400.0
Change Sales yoy	7.6 %	85.2 %	67.1 %	79.8 %	28.7 %	4.8 %	17.6 %
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Own work capitalised	4.2	10.2	16.0	22.9	28.9	30.0	30.0
Total Sales	49.5	94.1	156.2	275.0	353.4	370.0	430.0
Material expenses	17.6	45.8	77.6	138.0	187.6	200.0	225.0
Gross profit	31.8	48.3	78.6	137.0	165.8	170.0	205.0
<i>Gross profit margin</i>	<i>70.3 %</i>	<i>57.5 %</i>	<i>56.1 %</i>	<i>54.3 %</i>	<i>51.1 %</i>	<i>50.0 %</i>	<i>51.3 %</i>
Personnel expenses	14.7	27.4	39.6	56.0	76.2	74.0	85.0
Other operating income	6.7	4.6	6.3	8.6	23.2	25.0	25.0
Other operating expenses	12.7	10.0	18.7	24.7	28.0	30.0	35.0
EBITDA adj.	13.4	18.1	29.1	71.1	93.2	95.0	114.0
Margin	29.5 %	21.6 %	20.8 %	28.2 %	28.7 %	27.9 %	28.5 %
EBITDA	11.1	15.5	26.5	65.0	84.8	91.0	110.0
<i>Margin</i>	<i>24.4 %</i>	<i>18.5 %</i>	<i>18.9 %</i>	<i>25.8 %</i>	<i>26.1 %</i>	<i>26.8 %</i>	<i>27.5 %</i>
Depreciation of fixed assets	1.5	2.8	3.0	3.0	3.0	3.0	3.0
EBITA	9.6	12.7	23.5	62.0	81.8	88.0	107.0
Amortisation of intangible assets	7.0	7.7	12.5	25.2	55.1	31.0	35.0
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	2.6	5.0	11.0	36.8	26.6	57.0	72.0
<i>Margin</i>	<i>5.7 %</i>	<i>6.0 %</i>	<i>7.9 %</i>	<i>14.6 %</i>	<i>8.2 %</i>	<i>16.8 %</i>	<i>18.0 %</i>
EBIT adj.	2.6	10.5	17.5	54.8	76.6	75.0	90.0
Interest income	0.0	0.1	0.4	0.9	0.0	0.0	0.0
Interest expenses	2.1	5.8	7.5	22.8	38.0	39.0	39.0
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	0.5	-0.8	3.9	14.9	-11.3	18.0	33.0
<i>Margin</i>	<i>1.1 %</i>	<i>-0.9 %</i>	<i>2.8 %</i>	<i>5.9 %</i>	<i>-3.5 %</i>	<i>5.3 %</i>	<i>8.3 %</i>
Total taxes	-1.1	-2.0	1.2	-1.2	9.1	9.9	11.6
Net income from continuing operations	1.6	1.3	2.7	16.1	-20.4	8.1	21.5
Income from discontinued operations (net of tax)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income before minorities	1.6	1.3	2.7	16.1	-20.4	8.1	21.5
Minority interest	0.1	1.6	-0.4	0.0	-0.1	0.5	0.5
Net income	1.5	-0.3	3.1	16.1	-20.3	7.6	21.0
<i>Margin</i>	<i>3.4 %</i>	<i>-0.4 %</i>	<i>2.2 %</i>	<i>6.4 %</i>	<i>-6.3 %</i>	<i>2.2 %</i>	<i>5.2 %</i>
Number of shares, average	n.a.	64.1	98.5	142.5	156.2	159.2	159.2
EPS	n.a.	-0.01	0.03	0.11	-0.13	0.05	0.13
EPS adj.	n.a.	0.07	0.09	0.20	0.14	0.15	0.24

*Adjustments made for: mostly relate to PPA amortisation

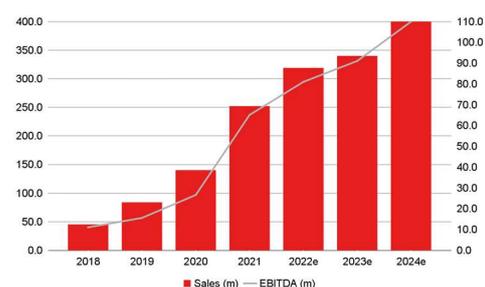
Guidance: no guidance

Financial Ratios

	2018	2019	2020	2021	2022e	2023e	2024e
Total Operating Costs / Sales	84.8 %	93.6 %	92.5 %	83.3 %	82.8 %	82.1 %	80.0 %
Operating Leverage	n.a.	1.1 x	1.8 x	2.9 x	-1.0 x	23.8 x	1.5 x
EBITDA / Interest expenses	5.2 x	2.7 x	3.5 x	2.8 x	2.2 x	2.3 x	2.8 x
Tax rate (EBT)	-229.8 %	265.4 %	30.6 %	-7.8 %	-79.9 %	55.0 %	35.0 %
Dividend Payout Ratio	n.a.	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %

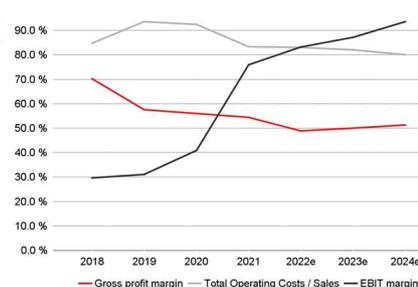
Sales, EBITDA

in EUR m

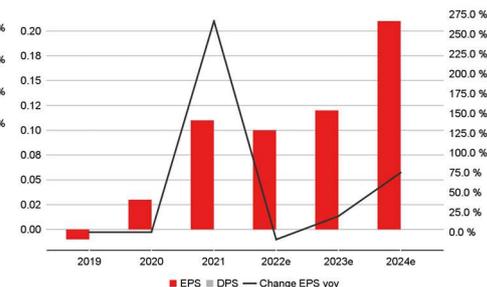


Operating Performance

in %



Performance per Share



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

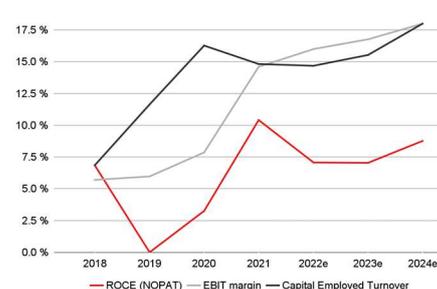
Consolidated balance sheet

In EUR m	2018	2019	2020	2021	2022e	2023e	2024e
Assets							
Goodwill and other intangible assets	204.1	233.2	272.8	605.7	791.3	785.3	775.3
thereof other intangible assets	66.7	73.7	85.4	149.4	159.2	153.2	143.2
thereof Goodwill	133.8	147.3	164.0	412.0	587.7	587.7	587.7
Property, plant and equipment	4.2	3.5	1.7	4.7	5.5	7.5	9.5
Financial assets	11.7	19.9	18.9	40.1	26.8	19.8	34.8
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	220.0	256.6	293.5	650.5	823.6	812.6	819.6
Inventories	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Accounts receivable	11.8	17.0	37.0	97.5	71.0	71.7	76.7
Liquid assets	4.4	33.0	46.3	180.2	150.0	169.6	191.4
Other short-term assets	0.0	5.8	9.1	5.9	0.0	0.0	0.0
Current assets	16.3	55.9	92.4	283.6	221.0	241.3	268.1
Total Assets	236.3	312.4	385.8	934.1	1,044.7	1,053.9	1,087.7
Liabilities and shareholders' equity							
Subscribed capital	59.9	98.1	117.1	149.7	159.2	159.2	159.2
Capital reserve	4.3	0.0	57.3	137.7	158.1	158.1	158.1
Retained earnings	2.9	0.0	5.6	21.7	6.8	14.4	35.4
Other equity components	0.1	0.0	-3.2	-1.6	-1.2	-0.8	-0.2
Shareholders' equity	67.2	98.1	176.8	307.4	323.0	331.0	352.5
Minority interest	91.3	70.5	0.1	0.1	-1.2	-1.2	-1.2
Total equity	158.5	168.6	176.8	307.5	321.7	329.7	351.3
Provisions	6.7	12.6	17.3	54.0	65.2	65.2	65.2
thereof provisions for pensions and similar obligations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial liabilities (total)	42.6	79.1	126.0	378.7	424.1	424.1	424.1
Short-term financial liabilities	3.6	6.7	6.1	32.0	31.9	31.9	31.9
Accounts payable	9.2	20.3	30.0	53.8	68.7	69.9	82.2
Other liabilities	19.3	31.9	35.7	140.1	164.9	164.9	164.9
Liabilities	77.8	143.8	209.0	626.6	722.9	724.1	736.4
Total liabilities and shareholders' equity	236.3	312.4	385.8	934.1	1,044.7	1,053.9	1,087.7

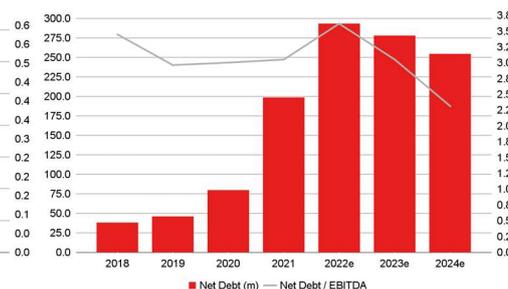
Financial Ratios

	2018	2019	2020	2021	2022e	2023e	2024e
Efficiency of Capital Employment							
Operating Assets Turnover	6.6 x	285.4 x	16.1 x	5.2 x	41.4 x	36.5 x	99.5 x
Capital Employed Turnover	0.2 x	0.4 x	0.5 x	0.5 x	0.5 x	0.6 x	0.7 x
ROA	0.7 %	-0.1 %	1.0 %	2.5 %	-2.5 %	0.9 %	2.6 %
Return on Capital							
ROCE (NOPAT)	6.8 %	n.a.	3.3 %	10.4 %	8.7 %	4.3 %	8.0 %
ROE	3.3 %	-0.4 %	2.2 %	6.6 %	-6.4 %	2.3 %	6.1 %
Adj. ROE	3.3 %	5.3 %	6.4 %	11.6 %	6.7 %	7.5 %	11.0 %
Balance sheet quality							
Net Debt	38.1	46.1	79.8	198.6	274.1	254.5	232.7
Net Financial Debt	38.1	46.1	79.8	198.6	274.1	254.5	232.7
Net Gearing	24.0 %	27.3 %	45.1 %	64.6 %	85.2 %	77.2 %	66.2 %
Net Fin. Debt / EBITDA	345.0 %	296.4 %	300.4 %	305.3 %	323.2 %	279.6 %	211.6 %
Book Value / Share	n.a.	1.4	1.5	2.1	2.0	2.1	2.2
Book value per share ex intangibles	n.a.	-1.9	-0.8	-2.0	-2.9	-2.9	-2.7

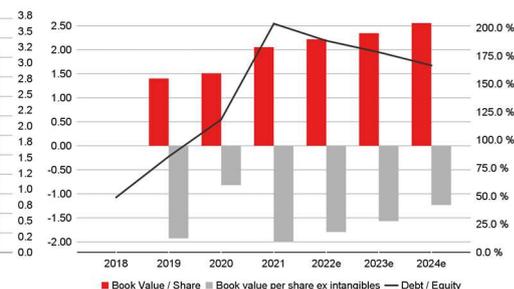
ROCE Development



Net debt in EUR m



Book Value per Share in EUR



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

Consolidated cash flow statement

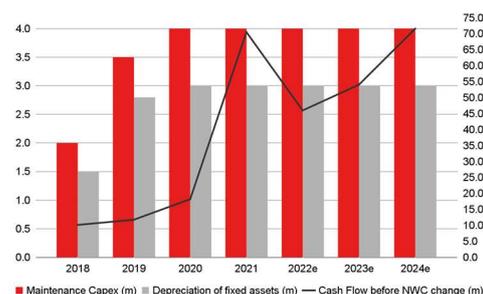
In EUR m	2018	2019	2020	2021	2022e	2023e	2024e
Net income	1.6	1.3	2.7	16.1	-20.4	8.1	21.5
Depreciation of fixed assets	1.5	2.8	3.0	3.0	2.8	3.0	3.0
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	7.0	7.7	12.5	25.2	55.1	31.0	35.0
Increase/decrease in long-term provisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other non-cash income and expenses	0.0	0.0	0.0	26.2	0.0	0.0	0.0
Cash Flow before NWC change	10.1	11.8	18.2	70.5	37.5	42.1	59.5
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase / decrease in accounts receivable	0.0	-7.0	-2.8	-60.5	26.5	-0.7	-5.0
Increase / decrease in accounts payable	0.0	12.2	9.8	23.7	15.0	1.2	12.3
Increase / decrease in other working capital positions	0.0	0.0	0.0	31.1	0.0	0.0	0.0
Increase / decrease in working capital (total)	0.0	5.2	7.0	-5.7	41.4	0.5	7.3
Net cash provided by operating activities [1]	10.1	17.0	25.2	64.8	79.0	42.6	66.8
Investments in intangible assets	0.0	-11.0	-15.0	-20.0	-23.0	-25.0	-25.0
Investments in property, plant and equipment	-9.0	-2.0	-1.2	-6.0	-4.0	-5.0	-5.0
Payments for acquisitions	0.0	0.0	-21.5	-269.6	-134.9	-10.0	-15.0
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	0.0	0.0	17.0	0.0
Net cash provided by investing activities [2]	-9.0	-13.0	-37.7	-295.6	-176.7	-23.0	-45.0
Change in financial liabilities	0.0	16.4	-2.7	245.0	45.3	0.0	0.0
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	0.0	9.0	28.5	113.2	30.0	0.0	0.0
Other	0.0	0.0	0.0	6.0	-7.7	0.0	0.0
Net cash provided by financing activities [3]	0.0	25.4	25.8	364.2	67.6	0.0	0.0
Change in liquid funds [1]+[2]+[3]	1.1	29.4	13.3	133.4	-30.1	19.6	21.8
Effects of exchange-rate changes on cash	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cash and cash equivalent at end of period	2.1	33.8	46.3	179.7	150.1	169.6	191.4

Financial Ratios

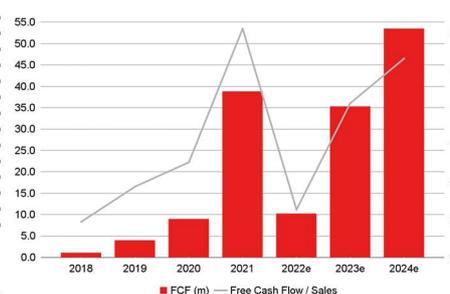
	2018	2019	2020	2021	2022e	2023e	2024e
Cash Flow							
FCF	1.1	4.0	9.0	38.8	37.2	12.6	36.8
Free Cash Flow / Sales	2.4 %	4.8 %	6.4 %	15.4 %	11.5 %	3.7 %	9.2 %
Free Cash Flow Potential	10.2	14.1	21.4	62.2	71.7	77.1	94.5
Free Cash Flow / Net Profit	69.8 %	-1237.5 %	293.5 %	241.3 %	-182.9 %	166.0 %	175.4 %
Interest Received / Avg. Cash	0.5 %	0.4 %	0.9 %	0.8 %	0.0 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	6.1 %	9.6 %	7.3 %	9.0 %	9.5 %	9.2 %	9.2 %
Management of Funds							
Investment ratio	19.9 %	15.5 %	11.6 %	10.3 %	8.3 %	8.8 %	7.5 %
Maint. Capex / Sales	4.4 %	4.2 %	2.9 %	1.6 %	1.2 %	1.2 %	1.0 %
Capex / Dep	106.3 %	123.3 %	104.5 %	92.2 %	46.4 %	88.2 %	78.9 %
Avg. Working Capital / Sales	0.3 %	-0.3 %	1.3 %	10.1 %	7.1 %	0.6 %	-0.5 %
Trade Debtors / Trade Creditors	128.8 %	84.1 %	123.2 %	181.4 %	103.4 %	102.6 %	93.3 %
Inventory Turnover	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Receivables collection period (days)	95	74	96	141	80	77	70
Payables payment period (days)	190	162	141	142	134	128	133
Cash conversion cycle (Days)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

CAPEX and Cash Flow

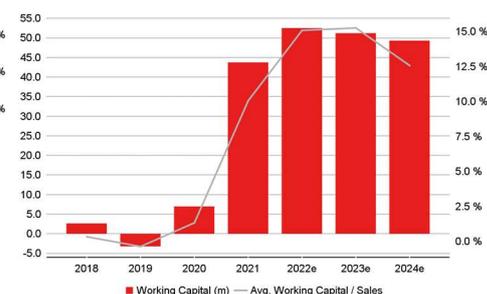
in EUR m



Free Cash Flow Generation



Working Capital



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

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Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
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Investment recommendation: expected direction of the share price development of the financial instrument up to the given price target in the opinion of the analyst who covers this financial instrument.

-B-	Buy:	The price of the analysed financial instrument is expected to rise 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.
-S-	Sell:	The price of the analysed financial instrument is expected to fall over the next 12 months.
“-“	Rating suspended:	The available information currently does not permit an evaluation of the company.

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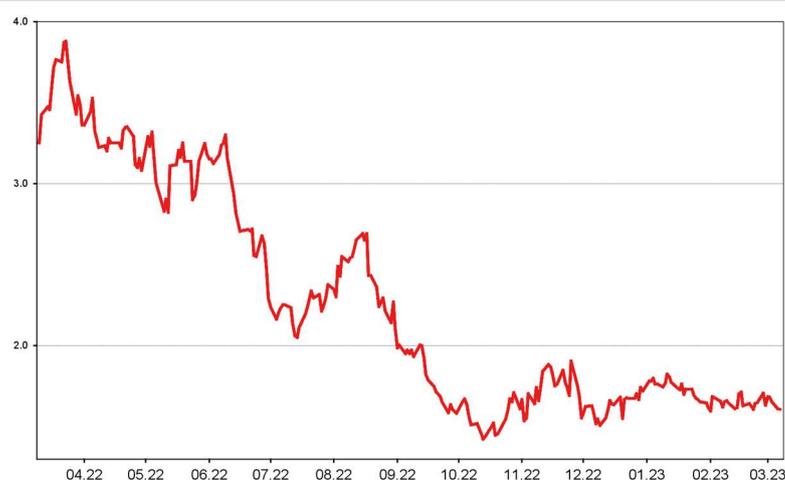
Rating	Number of stocks	% of Universe
Buy	161	75
Hold	44	20
Sell	7	3
Rating suspended	3	1
Total	215	100

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	44	86
Hold	6	12
Sell	0	0
Rating suspended	1	2
Total	51	100

PRICE AND RATING HISTORY MEDIA AND GAMES INVEST SE AS OF 08.03.2023



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 +49 40 309537-280
Head of Research mheider@warburg-research.com

Henner Rüschemeyer +49 40 309537-270
Head of Research hrueschmeier@warburg-research.com

Stefan Augustin +49 40 309537-168
Cap. Goods, Engineering saugustin@warburg-research.com

Jan Bauer +49 40 309537-155
Renewables jbauer@warburg-research.com

Christian Cohrs +49 40 309537-175
Industrials & Transportation ccohrs@warburg-research.com

Dr. Christian Ehmann +49 40 309537-167
BioTech, Life Science cehmann@warburg-research.com

Felix Ellmann +49 40 309537-120
Software, IT fellmann@warburg-research.com

Jörg Philipp Frey +49 40 309537-258
Retail, Consumer Goods jfrey@warburg-research.com

Marius Fuhrberg +49 40 309537-185
Financial Services mfuhrberg@warburg-research.com

Mustafa Hidir +49 40 309537-230
Automobiles, Car Suppliers mhidir@warburg-research.com

Fabio Hölscher +49 40 309537-240
Automobiles, Car Suppliers fhoelscher@warburg-research.com

Philipp Kaiser +49 40 309537-260
Real Estate, Construction pkaiser@warburg-research.com

Thilo Kleibauer +49 40 309537-257
Retail, Consumer Goods tkleibauer@warburg-research.com

Hannes Müller +49 40 309537-255
Software, IT hmueller@warburg-research.com

Andreas Pläsier +49 40 309537-246
Banks, Financial Services aplaesier@warburg-research.com

Malte Schaumann +49 40 309537-170
Technology mschaumann@warburg-research.com

Oliver Schwarz +49 40 309537-250
Chemicals, Agriculture oschwarz@warburg-research.com

Simon Stippig +49 40 309537-265
Real Estate, Telco sstippig@warburg-research.com

Cansu Tatar +49 40 309537-248
Cap. Goods, Engineering ctatar@warburg-research.com

Marc-René Tonn +49 40 309537-259
Automobiles, Car Suppliers mtonn@warburg-research.com

Robert-Jan van der Horst +49 40 309537-290
Technology rvanderhorst@warburg-research.com

Andreas Wolf +49 40 309537-140
Software, IT awolf@warburg-research.com

INSTITUTIONAL EQUITY SALES

Marc Niemann +49 40 3282-2660
Head of Equity Sales, Germany mniemann@mmwarburg.com

Klaus Schilling +49 69 5050-7400
Head of Equity Sales, Germany kschilling@mmwarburg.com

Tim Beckmann +49 40 3282-2665
United Kingdom tbeckmann@mmwarburg.com

Lea Bogdanova +49 69 5050-7411
United Kingdom, Ireland lbogdanova@mmwarburg.com

Jens Buchmüller +49 69 5050-7415
Scandinavia, Austria jbuchmueller@mmwarburg.com

Matthias Fritsch +49 40 3282-2696
United Kingdom mfritsch@mmwarburg.com

Maximilian Martin +49 69 5050-7413
Austria, Poland mmartin@mmwarburg.com

Christopher Seedorf +49 40 3282-2695
Switzerland cseedorf@mmwarburg.com

Sophie Hauer +49 69 5050-7417
Roadshow/Marketing shauer@mmwarburg.com

Juliane Niemann +49 40 3282-2694
Roadshow/Marketing jniemann@mmwarburg.com

SALES TRADING

Oliver Merckel +49 40 3282-2634
Head of Sales Trading omerckel@mmwarburg.com

Elyaz Dust +49 40 3282-2702
Sales Trading edust@mmwarburg.com

Marcel Magiera +49 40 3282-2662
Sales Trading mmagiera@mmwarburg.com

Bastian Quast +49 40 3282-2701
Sales Trading bquast@mmwarburg.com

Jan-Philip Schmidt +49 40 3282-2682
Sales Trading jschmidt@mmwarburg.com

Sebastian Schulz +49 40 3282-2631
Sales Trading sschulz@mmwarburg.com

Jörg Treptow +49 40 3282-2658
Sales Trading jtreptow@mmwarburg.com

MACRO RESEARCH

Carsten Klude +49 40 3282-2572
Macro Research cklude@mmwarburg.com

Dr. Christian Jasperneite +49 40 3282-2439
Investment Strategy cjasperneite@mmwarburg.com

Our research can be found under:

Warburg Research research.mmwarburg.com/en/index.html
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FactSet www.factset.com

Refinitiv www.refinitiv.com
Capital IQ www.capitaliq.com

For access please contact:

Andrea Schaper +49 40 3282-2632
Sales Assistance aschaper@mmwarburg.com

Kerstin Muthig +49 40 3282-2703
Sales Assistance kmuthig@mmwarburg.com