(CDAX, Media, RTV GR)



Dung		Value Indicators:	EUR	Warburg ESG Risk Score:	2.7	Description:	
Buy		DCF:	2.79	ESG Score (MSCI based):	3.0	Media company with its owr	content
				Balance Sheet Score:	5.0	and distribution channels	· · · · · · · · · · · · · · · · · · ·
EUR 2.80	(EUR 3.60)			Market Liquidity Score:	0.0		
		Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2024e
		Market cap:	36.45	Freefloat	11.87 %	Beta:	1.2
Price	EUR 2.38	No. of shares (m):	15.31	Kartoon Studios	44.78 %	Price / Book:	2.0 x
Upside	17.6 %	EV:	36.16	F&M	26.10 %	Equity Ratio:	87 %
		Freefloat MC:	4.33	Christoph Kahl	17.25 %		
		Ø Trad. Vol. (30d):	1.11 th				

Weak FY 2023 on challenging economic and licensing-market conditions

Figures FY/2023:					Comment on Figures:
in EUR m	2023	2023e	2022	уоу	• On 30 April 2024, Your Family Entertainment AG (YFE) presen
Sales	2.8	2.3	4.2	-32.8%	financial figures for the fiscal year 2023.These figures were below expectations due to challenging lice
EBITDA	-0.4	1.3	3.1	-	market conditions and related economic uncertainties. Similar to the
margin	-15.6%	56.5%	74.9%		half of the year, significant revenues from licensing sales we
EBIT	-1.6	0.7	1.3	-	achieved in the second half.
margin	-55.5%	30.4%	29.8%		However, the outlook for the first guarter of 2024 is slightly
EPS in EUR	-0.12	0.04	0.05	-	favourable.

YFE did not meet its targets for FY 2023 as economic uncertainty led to difficult conditions in the licensing market. After a weak H1, YFE was unable to realise planned major contracts with key customers in the traditionally stronger second half of the year and buyer reluctance was evident even in smaller contract agreements. However, YFE has since seen a significant improvement in the market environment with increasing order intake in the first quarter of 2024.

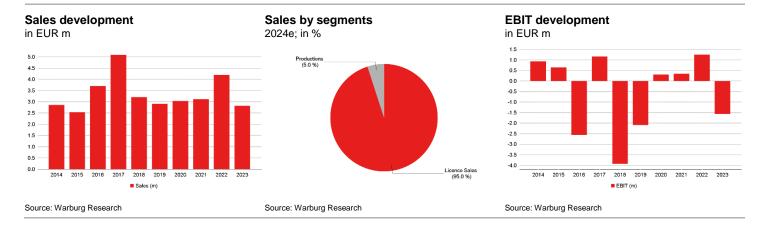
During FY 2023, YFE was not yet able to capitalise on market opportunities presented by artificial intelligence (AI) as the corresponding tools were not available. These AI technologies enable the scaling of existing content with new, higher-quality language versions, which opens up new untapped markets for YFE (for more detail, please see our Comment dated February 5, 2024). The image quality can be optimised with minimal AI effort and made available in all formats. Videos can be described with detailed metadata, new lip-synced language versions are possible, automatic subtitles can be created in nearly all languages, highlights can be automatically produced, and even books can be automatically generated from videos. These new AI capabilities have not yet been factored into the valuation of film rights (HGB), despite operational indications that the new technologies will create significant value for the assets (valuation potential in the balance sheet, not considered by WRe). YFE continues to work on expanding strategic cooperation with the parent company to achieve a significant increase in international marketing. Despite initially strong figures, this collaboration has not yet achieved the desired success or the sustainable profitability hoped for. Therefore, despite the high potential of the cooperation and the AI field, a more cautious revenue and earnings outlook is anticipated for now. The stock remains a Buy with a target price of EUR 2.80 (3.60).

Changes in Es	stimates:						Comment on Changes:
FY End: 31.12. in EUR m	2024e (old)	+/-	2025e (old)	+/-	2026e (old)	+/-	 In the absence of licensing revenues, the company reported signific lower revenues than previously anticipated (WRe).
Sales	5.00	-20.0 %	5.60	-20.0 %	n.a.	n.m.	 In light of the company's largely fixed cost-structure, this had disproportionately negative impact on earnings and expectations.
EBIT	0.92	-90.3 %	1.13	-79.5 %	n.a.	n.m.	
EPS	0.04	-100.0 %	0.06	-83.3 %	n.a.	n.m.	 Substantially positive results are still expected in the medium term, du in part by developments in the field of AI (as mentioned above).

		FY End: 31.12.	CAGR							
3.3 -		in EUR m	(23-26e)	2020	2021	2022	2023	2024e	2025e	2026e
3.2 -		Sales	21.2 %	3.04	3.11	4.20	2.82	4.00	4.48	5.02
3.1 - 3 -		Change Sales yoy		4.3 %	2.6 %	34.8 %	-32.8 %	41.8 %	12.0 %	12.0 %
2.9		Gross profit margin		67.8 %	65.2 %	73.6 %	64.2 %	73.0 %	73.0 %	73.0 %
	min	EBITDA	-	1.47	1.76	3.15	-0.44	2.12	2.46	3.01
2.7 · · / · / · / · / · / ·]		Margin		48.3 %	56.7 %	74.9 %	-15.6 %	53.0 %	55.0 %	60.0 %
2.6 h h h h h	~	EBIT	-	0.31	0.34	1.25	-1.56	0.09	0.23	0.78
2.5 - W WWW		Margin		10.2 %	11.0 %	29.8 %	-55.5 %	2.2 %	5.2 %	15.5 %
2.4 - Why P	۳L	Net income	-	0.05	-0.08	0.84	-1.78	-0.02	0.10	0.58
2.3 - 07/23 09/23 11/23 01/24 0	03/24 05/24	EPS	-	0.00	-0.01	0.05	-0.12	0.00	0.01	0.04
	alicad	EPS adj.	-	0.00	-0.01	0.05	-0.12	0.00	0.01	0.04
	ansed)	DPS	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rel. Performance vs CDAX:		Dividend Yield		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	40.4.0/	FCFPS		-0.01	-0.01	-0.06	-0.06	0.01	0.01	0.04
1 month:	-10.4 %	FCF / Market cap		-0.8 %	-1.0 %	-2.5 %	-2.4 %	0.2 %	0.4 %	1.7 %
6 months:	-30.5 %	EV / Sales		6.2 x	7.3 x	9.0 x	14.2 x	9.0 x	8.0 x	7.1 x
Year to date:	-24.3 %	EV / EBITDA		12.9 x	12.9 x	12.1 x	n.a.	17.1 x	14.6 x	11.8 x
Trailing 12 months:	-12.8 %	EV / EBIT		61.1 x	66.5 x	30.3 x	n.a.	406.5 x	155.5 x	45.6 x
5		P/E		n.a.	n.a.	50.0 x	n.a.	n.a.	238.0 x	59.5 x
Company events:		P / E adj.		n.a.	n.a.	50.0 x	n.a.	n.a.	238.0 x	59.5 x
25.06.24	AGM	FCF Potential Yield		7.7 %	7.7 %	8.3 %	-1.1 %	6.2 %	7.2 %	8.7 %
27.09.24	Q2	Net Debt		7.99	8.46	-0.36	-0.20	-0.28	-0.42	-1.03
		ROCE (NOPAT)		1.8 %	2.7 %	6.8 %	n.a.	0.1 %	n.a.	4.7 %
		Guidance:	n.a.							

Analyst Felix Ellmann fellmann@warburg-research.com +49 40 309537-120



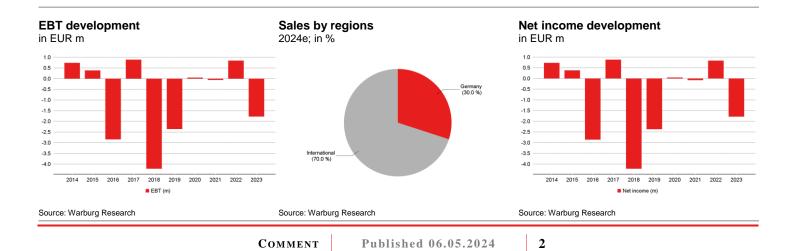


Company Background

- Your Family Entertainment originated from the former RTV AG
- At the core of the business activity is the company's own film assets as well as licences and rights that are utilised by the company to generate value
- Today, the company focuses on generating value from the content (which includes classics like "Fix and Foxi", Enid Blyton, and "Urmel") as well as the marketing of ancilliary rights
- The content, which is almost entirely classic, is aimed at the target group of young children for which the content has proven to be consistently up-to-date and attractive
- Value is generated over four distribution channels: linear TV licence sales, VoD licence sales, the company's own free-TV channel Ric, and the company's own pay-TV channel stream "Fix and Foxi"

Competitive Quality

- The group's media catalogue, for which the original acquisition costs were ca. EUR 120m, is practically impossible to replicate today (original production value EUR 1.2bn)
- The productions, which were often financed by public broadcasters in the past, are of very high quality editorially and in terms of their craftsmanship
- With the distribution channels free-TV, VoD, and pay-TV, the company can benefit from the increase in media use, especially internationally (e.g. pay-TV in emerging economies)





DCF model														
	Detaile	d forecas	st period				٦	Fransition	al period					Term. Value
Figures in EUR m	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	2035e	2036e	
Sales	4.00	4.48	5.02	5.62	6.29	7.05	7.90	8.84	9.90	11.09	12.42	13.91	15.31	
Sales change	41.8 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	10.0 %	3.0 %
EBIT	0.09	0.23	0.78	1.40	1.89	2.47	3.00	3.36	3.76	4.22	4.72	5.29	5.82	
EBIT-margin	2.2 %	5.2 %	15.5 %	25.0 %	30.0 %	35.0 %	38.0 %	38.0 %	38.0 %	38.0 %	38.0 %	38.0 %	38.0 %	
Tax rate (EBT)	85.7 %	612.2 %	-10.8 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	
NOPAT	0.01	-1.19	0.86	1.24	1.66	2.17	2.64	2.96	3.31	3.71	4.15	4.65	5.12	
Depreciation	2.03	2.23	2.23	1.40	1.57	1.76	1.97	2.21	2.48	2.77	3.11	3.48	3.83	
in % of Sales	50.8 %	49.8 %	44.5 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	
Changes in provisions	0.00	0.00	0.00	-0.03	0.00	0.00	-0.02	-0.01	-0.05	-0.05	-0.06	-0.05	-0.04	
Change in Liquidity from - Working Capital	-0.08	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
- Capex	2.00	2.20	2.20	1.40	1.57	1.76	1.97	2.21	2.48	2.77	3.11	3.48	3.83	
Capex in % of Sales	50.0 %	49.1 %	43.9 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	
- Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Free Cash Flow (WACC Model)	0.12	-1.16	0.89	1.01	1.66	2.17	2.62	2.94	3.26	3.66	4.10	4.61	5.08	5
PV of FCF	0.11	-1.00	0.71	0.74	1.11	1.33	1.47	1.52	1.55	1.59	1.63	1.69	1.70	28
share of PVs		-0.42 %						33.63	3 %					66.78 %
Model parameter							Valuat	ion (m)						
Derivation of WACC:			Derivation	of Beta:			Presen	t values 20)36e	1	4			
								al Value			28			
Debt ratio	5.00 %		Financial S	Strength		1.20	Financ	ial liabilitie	s		1			
Cost of debt (after tax)	2.5 %		Liquidity (s	,		1.20	Pensio	n liabilities			0			
Market return	8.25 %		Cyclicality			1.20	Hybrid	capital			0			
Risk free rate	2.75 %		Transpare	ncy		1.20		y interest			0			
			Others			1.20		val. of inv	estments		0			
							Liquidit	,				No. of sha	. ,	15.3
WACC	9.01 %		Beta			1.20	Equity	Value		4	13	Value per	share (E	UR) 2.79

Sensitivity Value per Share (EUR)

		Terminal	Growth								Delta EBIT	-margin					
Beta	WACC	2.25 %	2.50 %	2.75 %	3.00 %	3.25 %	3.50 %	3.75 %	Beta	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.39	10.0 %	2.15	2.19	2.24	2.28	2.34	2.39	2.45	1.39	10.0 %	2.21	2.23	2.26	2.28	2.31	2.34	2.36
1.30	9.5 %	2.35	2.40	2.46	2.52	2.58	2.65	2.73	1.30	9.5 %	2.43	2.46	2.49	2.52	2.55	2.58	2.61
1.25	9.3 %	2.47	2.52	2.58	2.65	2.72	2.80	2.89	1.25	9.3 %	2.56	2.59	2.62	2.65	2.68	2.71	2.74
1.20	9.0 %	2.59	2.65	2.72	2.79	2.88	2.96	3.06	1.20	9.0 %	2.70	2.73	2.76	2.79	2.83	2.86	2.89
1.15	8.8 %	2.72	2.79	2.87	2.95	3.04	3.14	3.25	1.15	8.8 %	2.85	2.88	2.92	2.95	2.99	3.02	3.06
1.10	8.5 %	2.87	2.94	3.03	3.12	3.23	3.34	3.46	1.10	8.5 %	3.01	3.05	3.09	3.12	3.16	3.20	3.23
1.01	8.0 %	3.19	3.29	3.40	3.52	3.65	3.80	3.96	1.01	8.0 %	3.39	3.44	3.48	3.52	3.56	3.61	3.65

• EBIT and depreciation are historically strongly distorted by the value effects of the film assets

• These will be evened out in future by notionally assuming identical appreciation and depreciation of the film assets

• The fundamental assumption framework implies an expansion (also in the very long term) of the customer base

As a central assumption, this leads to a long-term continuous increase in the EBIT margin

• The contentious issue of the lifespan of the portfolio is simulated with a very low terminal value



2020	2021	2022	2023	2024e	2025e	20266
1.3 x	1.7 x	1.9 x	2.2 x	2.0 x	2.0 x	1.9 >
-8.42	-8.82	0.07	-0.02	-0.02	-0.01	0.02
6.2 x	7.3 x	9.0 x	14.2 x	9.0 x	8.0 x	7.1 x
12.9 x	12.9 x	12.1 x	n.a.	17.1 x	14.6 x	11.8 x
61.1 x	66.5 x	30.3 x	n.a.	406.5 x	155.5 x	45.6 x
61.1 x	66.5 x	30.3 x	n.a.	406.5 x	155.5 x	45.6 x
n.a.	n.a.	n.a.	n.a.	435.1 x	272.6 x	59.3 x
n.a.	n.a.	50.0 x	n.a.	n.a.	238.0 x	59.5 x
n.a.	n.a.	50.0 x	n.a.	n.a.	238.0 x	59.5 x
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7.7 %	7.7 %	8.3 %	-1.1 %	6.2 %	7.2 %	8.7 %
	1.3 x -8.42 6.2 x 12.9 x 61.1 x 61.1 x n.a. n.a. n.a. n.a. n.a.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1.3 x 1.7 x 1.9 x 2.2 x -8.42 -8.82 0.07 -0.02 6.2 x 7.3 x 9.0 x 14.2 x 12.9 x 12.9 x 12.1 x n.a. 61.1 x 66.5 x 30.3 x n.a. 61.1 x 66.5 x 30.3 x n.a. n.a. n.a. n.a. n.a.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

Consolidated profit & loss

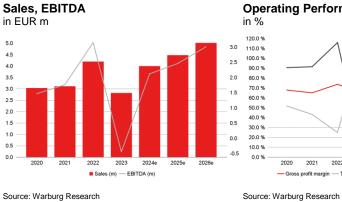


Sales3.04Change Sales yoy4.3 %Increase / decrease in inventory0.00Own work capitalised0.00Total Sales3.04Material expenses0.98Gross profit2.06Gross profit margin67.8 %Personnel expenses1.25Other operating income1.52Other operating expenses0.86Unfrequent items0.00EBITDA1.47Margin48.3 %Depreciation of fixed assets0.00EBITA1.46Amortisation of intangible assets1.15Goodwill amortisation0.00EBIT0.31Margin10.2 %EBIT adj.0.31Interest income0.00Interest expenses0.26Other financial income (loss)0.00EBT0.05Margin1.7 %Total taxes0.00Net income from continuing operations0.05	3.11 2.6 % 0.00 0.00 3.11 1.09 2.03 65.2 % 1.08 1.78 0.96 0.00 1.76 56.7 % 0.00 1.76 1.42 0.00 1.76 1.42 0.00 1.76 1.42 0.00 1.76 1.42 0.00	4.20 34.8 % 0.00 0.00 4.20 1.11 3.09 73.6 % 1.31 3.04 1.68 0.00 3.15 74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	2.82 -32.8 % 0.00 0.00 2.82 1.01 1.81 64.2 % 1.29 0.60 1.56 0.00 -0.44 -15.6 % 0.00 -0.44 1.13 0.00 -0.44 1.13 0.00	4.00 41.8 % 0.00 0.00 4.00 1.08 2.92 73.0 % 1.28 1.80 1.32 0.00 2.12 53.0 % 0.03 2.09 2.00 0.00 0.00	4.48 12.0 % 0.00 0.00 4.48 1.21 3.27 73.0 % 1.34 2.02 1.48 0.00 2.46 55.0 % 0.03 2.43 2.20 0.00 0.23	0.00 0.00 5.02 1.35 3.66 73.0 % 1.25 2.26 1.66 0.00 3.01 60.0 % 0.03 2.98 2.20 0.00 0.78
Increase / decrease in inventory 0.00 Own work capitalised 0.00 Total Sales 3.04 Material expenses 0.98 Gross profit 2.06 Gross profit margin 67.8 % Personnel expenses 1.25 Other operating expenses 0.86 Unfrequent items 0.00 EBITDA 1.47 Margin 48.3 % Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.005 Margin 1.7 % Total taxes 0.00	0.00 0.00 3.11 1.09 2.03 65.2 % 1.08 1.78 0.96 0.00 1.76 56.7 % 0.00 1.76 1.42 0.00 1.76 1.42 0.00 1.76 1.42 0.00 1.76 1.42 0.00 1.76 1.42 0.00	0.00 0.00 4.20 1.11 3.09 73.6 % 1.31 3.04 1.68 0.00 3.15 74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	0.00 0.00 2.82 1.01 1.81 64.2 % 1.29 0.60 1.56 0.00 -0.44 -15.6 % 0.00 -0.44 1.13 0.00 -1.56	0.00 0.00 4.00 1.08 2.92 73.0 % 1.28 1.80 1.32 0.00 2.12 53.0 % 0.03 2.09 2.00 0.00 0.00 0.09	0.00 0.00 4.48 1.21 3.27 73.0 % 1.34 2.02 1.48 0.00 2.46 55.0 % 0.03 2.43 2.20 0.00 0.23	0.00 5.02 1.35 3.66 73.0 % 1.25 2.26 1.66 0.00 3.01 60.0 % 0.03 2.98 2.20 0.00 0.78
Own work capitalised 0.00 Total Sales 3.04 Material expenses 0.98 Gross profit 2.06 Gross profit margin 67.8 % Personnel expenses 1.25 Other operating income 1.52 Other operating expenses 0.86 Unfrequent items 0.00 EBITDA 1.47 Margin 48.3 % Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	0.00 3.11 1.09 2.03 65.2 % 1.08 1.78 0.96 0.00 1.76 56.7 % 0.00 1.76 1.42 0.00 0.34 11.0 % 0.34	0.00 4.20 1.11 3.09 73.6 % 1.31 3.04 1.68 0.00 3.15 74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	0.00 2.82 1.01 1.81 <i>64.2 %</i> 1.29 0.60 1.56 0.00 -0.44 -15.6 % 0.00 -0.44 1.13 0.00 -1.56	0.00 4.00 1.08 2.92 73.0 % 1.28 1.80 1.32 0.00 2.12 53.0 % 0.03 2.09 2.00 0.00 0.00	0.00 4.48 1.21 3.27 73.0 % 1.34 2.02 1.48 0.00 2.46 55.0 % 0.03 2.43 2.20 0.00 0.23	2.26 1.66 0.00 3.01 60.0 % 0.03 2.98 2.20 0.00 0.78
Total Sales 3.04 Material expenses 0.98 Gross profit 2.06 Gross profit margin 67.8 % Personnel expenses 1.25 Other operating income 1.52 Other operating expenses 0.86 Unfrequent items 0.00 EBITDA 1.47 Margin 48.3 % Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	3.11 1.09 2.03 65.2 % 1.08 1.78 0.96 0.00 1.76 56.7 % 0.00 1.76 1.42 0.00 0.34 11.0 % 0.34	4.20 1.11 3.09 73.6 % 1.31 3.04 1.68 0.00 3.15 74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	2.82 1.01 1.81 64.2 % 1.29 0.60 1.56 0.00 -0.44 -15.6 % 0.00 -0.44 1.13 0.00 -1.56	4.00 1.08 2.92 73.0 % 1.28 1.80 1.32 0.00 2.12 53.0 % 0.03 2.09 2.00 0.00 0.00	4.48 1.21 3.27 73.0 % 1.34 2.02 1.48 0.00 2.46 55.0 % 0.03 2.43 2.20 0.00 0.23	5.02 1.35 3.66 73.0 % 1.25 2.26 1.66 0.00 3.01 60.0 % 0.03 2.98 2.20 0.00 0.78
Material expenses 0.98 Gross profit 2.06 Gross profit margin 67.8 % Personnel expenses 1.25 Other operating income 1.52 Other operating expenses 0.86 Unfrequent items 0.00 EBITDA 1.47 Margin 48.3 % Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	1.09 2.03 65.2 % 1.08 1.78 0.96 0.00 1.76 56.7 % 0.00 1.76 1.42 0.00 0.34 11.0 % 0.34	1.11 3.09 73.6 % 1.31 3.04 1.68 0.00 3.15 74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	1.01 1.81 <i>64.2 %</i> 1.29 0.60 1.56 0.00 -0.44 -15.6 % 0.00 -0.44 1.13 0.00 -1.56	1.08 2.92 73.0 % 1.28 1.80 1.32 0.00 2.12 53.0 % 0.03 2.09 2.00 0.00 0.00	1.21 3.27 73.0 % 1.34 2.02 1.48 0.00 2.46 55.0 % 0.03 2.43 2.20 0.00 0.23	1.35 3.66 73.0 % 1.25 2.26 1.66 0.00 3.01 60.0 % 0.03 2.98 2.20 0.00 0.78
Gross profit 2.06 Gross profit margin 67.8 % Personnel expenses 1.25 Other operating income 1.52 Other operating expenses 0.86 Unfrequent items 0.00 EBITDA 1.47 Margin 48.3 % Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	2.03 65.2 % 1.08 1.78 0.96 0.00 1.76 56.7 % 0.00 1.76 1.42 0.00 0.34 11.0 % 0.34	3.09 73.6 % 1.31 3.04 1.68 0.00 3.15 74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	1.81 64.2 % 1.29 0.60 1.56 0.00 -0.44 -15.6 % 0.00 -0.44 1.13 0.00 -1.56	2.92 73.0 % 1.28 1.80 1.32 0.00 2.12 53.0 % 0.03 2.09 2.00 0.00 0.00 0.09	3.27 73.0 % 1.34 2.02 1.48 0.00 2.46 55.0 % 0.03 2.43 2.20 0.00 0.23	3.66 73.0 % 1.25 2.26 1.66 0.00 3.01 60.0 % 0.03 2.98 2.20 0.00 0.78
Gross profit margin 67.8 % Personnel expenses 1.25 Other operating income 1.52 Other operating expenses 0.86 Unfrequent items 0.00 EBITDA 1.47 Margin 48.3 % Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT 0.31 Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	65.2 % 1.08 1.78 0.96 0.00 1.76 56.7 % 0.00 1.76 1.42 0.00 1.42 0.00 1.42 0.00 1.34	73.6 % 1.31 3.04 1.68 0.00 3.15 74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	64.2 % 1.29 0.60 1.56 0.00 -0.44 -15.6 % 0.00 -0.44 1.13 0.00 -1.56	73.0 % 1.28 1.80 1.32 0.00 2.12 53.0 % 0.03 2.09 2.00 0.00 0.09	73.0 % 1.34 2.02 1.48 0.00 2.46 55.0 % 0.03 2.43 2.20 0.00 0.23	73.0 % 1.25 2.26 1.66 0.00 3.01 60.0 % 0.03 2.98 2.20 0.00 0.78
Personnel expenses 1.25 Other operating income 1.52 Other operating expenses 0.86 Unfrequent items 0.00 EBITDA 1.47 Margin 48.3 % Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT 0.31 Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	1.08 1.78 0.96 0.00 1.76 56.7 % 0.00 1.76 1.42 0.00 0.34 11.0 % 0.34	1.31 3.04 1.68 0.00 3.15 74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	1.29 0.60 1.56 0.00 -0.44 -15.6 % 0.00 -0.44 1.13 0.00 -1.56	1.28 1.80 1.32 0.00 2.12 53.0 % 0.03 2.09 2.00 0.00 0.09	1.34 2.02 1.48 0.00 2.46 55.0 % 0.03 2.43 2.20 0.00 0.23	1.25 2.26 1.66 0.00 3.01 60.0 % 0.03 2.98 2.20 0.00 0.78
Other operating income 1.52 Other operating expenses 0.86 Unfrequent items 0.00 EBITDA 1.47 Margin 48.3 % Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT 0.31 Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	1.78 0.96 0.00 1.76 56.7 % 0.00 1.76 1.42 0.00 0.34 11.0 % 0.34	3.04 1.68 0.00 3.15 74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	0.60 1.56 0.00 -0.44 -15.6 % 0.00 -0.44 1.13 0.00 -1.56	1.80 1.32 0.00 2.12 53.0 % 0.03 2.09 2.00 0.00 0.09	2.02 1.48 0.00 2.46 55.0 % 0.03 2.43 2.20 0.00 0.23	3.01 60.0 % 0.03 2.98 2.20 0.00 0.78
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Unfrequent items 0.00 EBITDA 1.47 Margin 48.3 % Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT 0.31 Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	0.00 1.76 56.7 % 0.00 1.76 1.42 0.00 0.34 11.0 % 0.34	0.00 3.15 74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	0.00 -0.44 -15.6 % 0.00 -0.44 1.13 0.00 -1.56	0.00 2.12 53.0 % 0.03 2.09 2.00 0.00 0.00	0.00 2.46 55.0 % 0.03 2.43 2.20 0.00 0.23	0.00 3.01 60.0 % 0.03 2.98 2.20 0.00 0.78
EBITDA 1.47 Margin 48.3 % Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT 0.31 Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	1.76 56.7 % 0.00 1.76 1.42 0.00 0.34 11.0 % 0.34	3.15 74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	-0.44 -15.6 % 0.00 -0.44 1.13 0.00 -1.56	2.12 53.0 % 0.03 2.09 2.00 0.00 0.00	2.46 55.0 % 0.03 2.43 2.20 0.00 0.23	0.00 3.01 60.0 % 0.03 2.98 2.20 0.00 0.78
Margin 48.3 % Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT 0.31 Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	56.7 % 0.00 1.76 1.42 0.00 0.34 11.0 % 0.34	74.9 % 0.01 3.14 1.88 0.00 1.25 29.8 %	-15.6 % 0.00 -0.44 1.13 0.00 -1.56	53.0 % 0.03 2.09 2.00 0.00 0.09	55.0 % 0.03 2.43 2.20 0.00 0.23	60.0 % 0.03 2.98 2.20 0.00 0.78
Depreciation of fixed assets 0.00 EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT 0.31 Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	0.00 1.76 1.42 0.00 0.34 <i>11.0 %</i> 0.34	0.01 3.14 1.88 0.00 1.25 29.8 %	0.00 -0.44 1.13 0.00 -1.56	0.03 2.09 2.00 0.00 0.09	0.03 2.43 2.20 0.00 0.23	0.03 2.98 2.20 0.00 0.78
EBITA 1.46 Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT 0.31 Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	1.76 1.42 0.00 0.34 11.0 % 0.34	3.14 1.88 0.00 1.25 29.8 %	-0.44 1.13 0.00 -1.56	2.09 2.00 0.00 0.09	2.43 2.20 0.00 0.23	2.98 2.20 0.00 0.78
Amortisation of intangible assets 1.15 Goodwill amortisation 0.00 EBIT 0.31 Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	1.42 0.00 0.34 11.0 % 0.34	1.88 0.00 1.25 29.8 %	1.13 0.00 -1.56	2.00 0.00 0.09	2.20 0.00 0.23	2.20 0.00 0.78
Goodwill amortisation 0.00 EBIT 0.31 Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	0.00 0.34 11.0 % 0.34	0.00 1.25 29.8 %	0.00 -1.56	0.00 0.09	0.00 0.23	0.00 0.78
EBIT 0.31 Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	0.34 11.0 % 0.34	1.25 29.8 %	-1.56	0.09	0.23	0.78
Margin 10.2 % EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	11.0 % 0.34	29.8 %				
EBIT adj. 0.31 Interest income 0.00 Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	0.34		-55 5 %	0 0 0/		
Interest income0.00Interest expenses0.26Other financial income (loss)0.00EBT0.05Margin1.7 %Total taxes0.00		4 25	00.0 /0	2.2 %	5.2 %	15.5 %
Interest expenses 0.26 Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00		1.25	-1.56	0.09	0.23	0.78
Other financial income (loss) 0.00 EBT 0.05 Margin 1.7 % Total taxes 0.00	0.00	0.00	0.04	0.00	0.00	0.00
EBT 0.05 Margin 1.7 % Total taxes 0.00	0.40	0.41	0.25	0.25	0.25	0.25
Margin 1.7 % Total taxes 0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total taxes 0.00	-0.06	0.84	-1.77	-0.16	-0.02	0.53
	-2.0 %	20.1 %	-62.9 %	-4.1 %	-0.4 %	10.5 %
Net income from continuing operations 0.05	0.02	0.01	0.01	-0.14	-0.12	-0.06
······································	-0.08	0.84	-1.78	-0.02	0.10	0.58
Income from discontinued operations (net of tax) 0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net income before minorities 0.05	-0.08	0.84	-1.78	-0.02	0.10	0.58
Minority interest 0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net income 0.05	-0.08	0.84	-1.78	-0.02	0.10	0.58
Margin 1.6 %	-2.5 %	19.9 %	-63.3 %	-0.6 %	2.3 %	11.6 %
Number of shares, average 10.46	10.46	15.31	15.31	15.31	15.31	15.31
EPS 0.00	-0.01	0.05	-0.12	0.00	0.01	0.04
EPS adj. 0.00	-0.01	0.05	-0.12	0.00	0.01	0.04

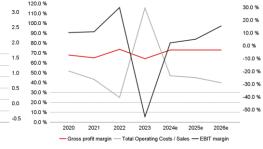
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Financial Ratios

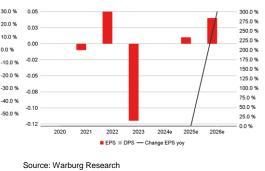
	2020	2021	2022	2023	2024e	2025e	2026e
Total Operating Costs / Sales	51.7 %	43.3 %	25.1 %	115.6 %	47.0 %	45.0 %	40.0 %
Operating Leverage	n.a.	3.8 x	7.7 x	n.a.	n.a.	13.4 x	19.6 x
EBITDA / Interest expenses	5.6 x	4.4 x	7.7 x	n.m.	8.4 x	9.8 x	12.0 x
Tax rate (EBT)	6.8 %	-28.8 %	1.0 %	-0.5 %	85.7 %	612.2 %	-10.8 %
Dividend Payout Ratio	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Sales per Employee	252,946	259,488	349,864	235,002	266,667	298,667	334,507







Performance per Share



COMMENT Published 06.05.2024

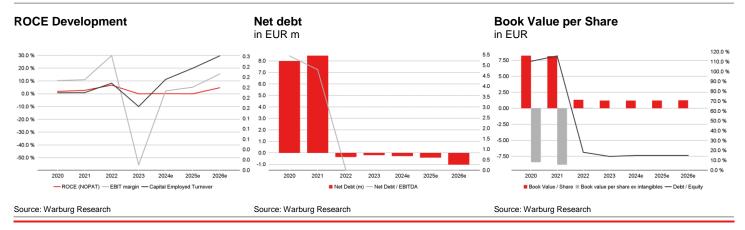


Consolidated balance sheet

Consolidated balance sheet							
In EUR m	2020	2021	2022	2023	2024e	2025e	2026e
Assets							
Goodwill and other intangible assets	16.65	16.96	19.22	18.82	18.82	18.82	18.82
thereof other intangible assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
thereof Goodwill	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Property, plant and equipment	0.02	0.01	0.01	0.01	-0.02	-0.05	-0.08
Financial assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other long-term assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fixed assets	16.67	16.97	19.22	18.83	18.80	18.76	18.73
Inventories	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Accounts receivable	0.35	0.35	0.56	0.27	0.40	0.40	0.50
Liquid assets	0.23	0.00	3.17	1.91	1.99	2.12	2.74
Other short-term assets	0.05	0.25	1.05	0.09	0.09	0.09	0.09
Current assets	0.62	0.60	4.79	2.26	2.48	2.62	3.33
Total Assets	17.30	17.60	24.00	21.10	21.30	21.40	22.10
Liabilities and shareholders' equity							
Subscribed capital	10.39	10.39	15.31	15.31	15.31	15.31	15.31
Capital reserve	2.84	2.84	9.27	9.27	9.27	9.27	9.27
Retained earnings	-5.01	-5.09	-4.27	-6.07	-6.09	-5.99	-5.41
Other equity components	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Shareholders' equity	8.22	8.14	20.32	18.52	18.49	18.60	19.18
Minority interest	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total equity	8.22	8.14	20.32	18.52	18.49	18.60	19.18
Provisions	0.80	0.90	0.87	0.78	0.78	0.78	0.78
thereof provisions for pensions and similar obligations	0.35	0.35	0.34	0.31	0.31	0.31	0.31
Financial liabilities (total)	7.87	8.11	2.47	1.40	1.40	1.40	1.40
Short-term financial liabilities	3.49	3.74	0.00	0.00	0.00	0.00	0.00
Accounts payable	0.34	0.41	0.35	0.39	0.60	0.60	0.70
Other liabilities	0.08	0.01	0.01	0.01	0.01	0.01	0.01
Liabilities	9.08	9.43	3.69	2.57	2.79	2.79	2.89
Total liabilities and shareholders' equity	17.30	17.60	24.00	21.10	21.30	21.40	22.10

Financial Ratios

	2020	2021	2022	2023	2024e	2025e	2026e
Efficiency of Capital Employment							
Operating Assets Turnover	110.0 x	-63.5 x	19.2 x	-25.2 x	-18.3 x	-17.9 x	-17.7 x
Capital Employed Turnover	0.2 x	0.2 x	0.2 x	0.2 x	0.2 x	0.2 x	0.3 x
ROA	0.3 %	-0.5 %	4.3 %	-9.5 %	-0.1 %	0.5 %	3.1 %
Return on Capital							
ROCE (NOPAT)	1.8 %	2.7 %	6.8 %	n.a.	0.1 %	n.a.	4.7 %
ROE	0.6 %	-1.0 %	5.9 %	-9.2 %	-0.1 %	0.6 %	3.1 %
Adj. ROE	0.6 %	-1.0 %	5.9 %	-9.2 %	-0.1 %	0.6 %	3.1 %
Balance sheet quality							
Net Debt	7.99	8.46	-0.36	-0.20	-0.28	-0.42	-1.03
Net Financial Debt	7.64	8.11	-0.70	-0.51	-0.59	-0.72	-1.34
Net Gearing	97.1 %	103.9 %	-1.8 %	-1.1 %	-1.5 %	-2.2 %	-5.4 %
Net Fin. Debt / EBITDA	520.8 %	459.4 %	n.a.	n.a.	n.a.	n.a.	n.a.
Book Value / Share	8.2	8.1	1.3	1.2	1.2	1.2	1.3
Book value per share ex intangibles	-8.4	-8.8	0.1	0.0	0.0	0.0	0.0



Consolidated cash flow statement

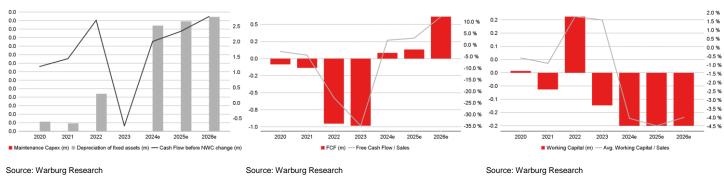


In EUR m	2020	2021	2022	2023	2024e	2025e	20266
Net income	0.05	-0.08	0.84	-1.78	-0.02	0.10	0.58
Depreciation of fixed assets	0.00	0.00	0.01	0.00	0.03	0.03	0.03
Amortisation of goodwill	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Amortisation of intangible assets	1.15	1.42	1.88	1.13	2.00	2.20	2.20
Increase/decrease in long-term provisions	-0.02	0.10	-0.03	-0.08	0.00	0.00	0.00
Other non-cash income and expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cash Flow before NWC change	1.19	1.44	2.70	-0.74	2.01	2.33	2.82
Increase / decrease in inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase / decrease in accounts receivable	-0.06	0.00	0.21	-0.29	-0.13	0.00	-0.10
Increase / decrease in accounts payable	0.09	-0.07	0.06	-0.04	0.21	0.00	0.10
Increase / decrease in other working capital positions	-1.25	-1.46	-3.75	0.30	0.00	0.00	0.00
Increase / decrease in working capital (total)	-1.22	-1.53	-3.48	-0.04	0.08	0.00	0.00
Net cash provided by operating activities [1]	-0.04	-0.09	-0.78	-0.78	2.08	2.33	2.82
Investments in intangible assets	-1.45	-1.70	-3.15	-0.71	-2.00	-2.20	-2.20
Investments in property, plant and equipment	0.00	-0.03	0.00	0.00	0.00	0.00	0.00
Payments for acquisitions	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Financial investments	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Income from asset disposals	0.05	0.03	0.00	-0.02	0.00	0.00	0.00
Net cash provided by investing activities [2]	0.00	-0.02	-0.17	-0.22	-2.00	-2.20	-2.20
Change in financial liabilities	-4.38	-4.38	-3.44	0.00	0.00	0.00	0.00
Dividends paid	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Purchase of own shares	0.00	0.00	-0.12	-0.02	0.00	0.00	0.00
Capital measures	4.38	4.38	8.39	0.00	0.00	0.00	0.00
Other	-0.05	-0.39	-0.40	-0.25	0.00	0.00	0.00
Net cash provided by financing activities [3]	-0.05	-0.39	4.43	-0.27	0.00	0.00	0.00
Change in liquid funds [1]+[2]+[3]	-0.09	-0.50	3.48	-1.27	0.08	0.13	0.61
Effects of exchange-rate changes on cash	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cash and cash equivalent at end of period	0.19	-0.31	3.17	1.91	1.99	2.12	2.74

Financial Ratios

	2020	2021	2022	2023	2024e	2025e	2026e
	2020	2021	2022	2023	20240	20236	20206
Cash Flow							
FCF	-0.08	-0.14	-0.95	-0.98	0.08	0.13	0.61
Free Cash Flow / Sales	-2.8 %	-4.4 %	-22.7 %	-34.9 %	2.1 %	3.0 %	12.3 %
Free Cash Flow Potential	1.46	1.75	3.14	-0.45	2.26	2.59	3.07
Free Cash Flow / Net Profit	-179.2 %	172.5 %	-114.0 %	55.1 %	-360.8 %	130.6 %	105.6 %
Interest Received / Avg. Cash	0.0 %	0.0 %	0.0 %	1.6 %	0.0 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	3.2 %	5.0 %	7.7 %	13.0 %	18.0 %	18.0 %	18.0 %
Management of Funds							
Investment ratio	47.5 %	55.5 %	75.0 %	25.1 %	50.0 %	49.1 %	43.9 %
Maint. Capex / Sales	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Capex / Dep	124.7 %	121.5 %	166.2 %	62.8 %	98.5 %	98.6 %	98.5 %
Avg. Working Capital / Sales	-0.6 %	-0.9 %	1.8 %	1.6 %	-4.0 %	-4.5 %	-4.0 %
Trade Debtors / Trade Creditors	102.7 %	85.0 %	160.9 %	68.3 %	66.7 %	66.7 %	71.4 %
Inventory Turnover	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Receivables collection period (days)	42	41	49	34	37	33	36
Payables payment period (days)	126	137	115	140	203	181	189
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



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Working Capital

Free Cash Flow Generation



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"_"	Rating suspended:	The available information currently does not permit an evaluation of the company.	

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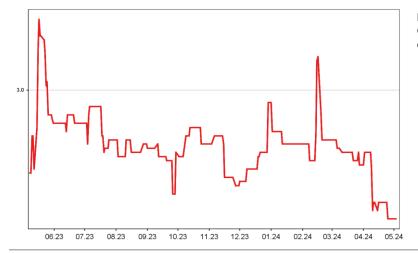
Rating	Number of stocks	% of Universe
Buy	147	71
Hold	46	22
Sell	8	4
Rating suspended	7	3
Total	208	100

WARBURG RESEARCH GMBH – ANALYSED RESEARCH UNIVERSE BY RATING ...

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Rating	Number of stocks	% of Universe
Buy	46	81
Hold	8	14
Sell	0	0
Rating suspended	3	5
Total	57	100

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