(CDAX, Media, RTV GR)



D		Value Indicators:	EUR	Warburg ESG Risk Score:	1.3	Description:	
Buy		DCF:	3.37	ESG Score (MSCI based):	3.0	Media company with its own	acontant
				Balance Sheet Score:	1.0	and distribution channels	Content
EUR <b>3.40</b>	(EUR 3.80)			Market Liquidity Score:	0.0		
		Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2023e
		Market cap:	23.86	Freefloat	11.87 %	Beta:	1.3
Price	EUR 2.32	No. of shares (m):	10.29	Genius Brands	44.78 %	Price / Book:	1.7 x
Upside	46.6 %	EV:	22.37	F&M	26.10 %	Equity Ratio:	85 %
		Freefloat MC:	2.83	Christoph Kahl	17.25 %		
		Ø Trad. Vol. (30d):	1.71 th				

### Weak H2 but profitable future begins

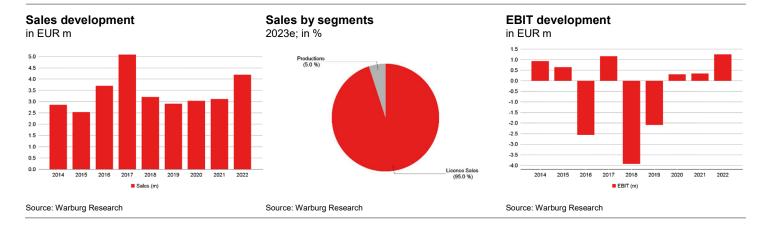
Stated Figures H2/2022:					Comment on Figures:
in EUR m	H2/22	H2/22e	H2/21	уоу	<ul> <li>On 27 April 2023, Your Family Entertainment AG presented th</li> </ul>
Sales	2.7	3.3	1.6	67,2%	<ul><li>2022.</li><li>These were below expectations due to a lack of license deals</li></ul>
EBIT	0.4	0.7	0.2	45,7%	<ul> <li>After an extremely strong first half of 2022 (EBIT 0.9m), the co</li> </ul>
margin	13%	20%	15%		not able to follow up on this success.

Despite a somewhat slower earnings growth in the second half of the year, the overall picture remains decisive for the company. **Financing structure:** Due to a capital increase and the refinancing of the bond in connection with the entry of the new major shareholder Genius, the company is now free of third-party debt and has a liquidity of EUR 3m. **Intellectual property:** The catalogue of rights to high-quality cartoon classics (including "Fix und Foxi" or "Urmel") today includes approx. 170 titles (films and series), whose historical production value at the time was EUR 1.2bn (historical acquisition costs EUR 118m). In the context of a joint content marketing, the company has access to the licenses of its parent company Genius Brands. **This content will now be successively marketed together.** The basis for this is a comprehensive cooperation agreement with Genius Brands. This includes both the mutual licensing of rights, the granting of exclusive sales mandates and joint sales. A cross-company sales team was formed for this purpose. Ultimately, synergies should be achieved through the joint use of resources, for example in the areas of IT and marketing. **Tax aspects:** Considerable tax-loss carry-forwards (approx. EUR 80m) complete the positive picture (implying the possibility of a tax-free dividend in the medium term). Their value can only be increased by the now proven systematic profitability. Successes in the license business are and remain difficult to predict and explain the high variability within the financial year and compared to the forecasts (WRe). Nevertheless, the developments described should justify a fundamentally positive trend, which forms the basis for the valuation of the share (DCF). **The share continues to be rated Buy with a price target of EUR 3.40 (3.80)**.

Changes in Es	stimates:						Comment on Changes:
FY End: 31.12. in EUR m	2023e (old)	+ / -	2024e (old)	+ / -	2025e (old)	+ / -	<ul> <li>After a fantastic first half of 2022, there were indications that the cooperation with majority shareholder Genius would be implemented</li> </ul>
Sales EBIT EPS	6.00 2.13 0.12	-16.7 % -28.6 % -33.3 %	6.90 2.63 0.14	-16.7 % -33.0 % -35.7 %	n.a. n.a. n.a.	n.m. n.m. n.m.	<ul> <li>quickly, but the pace slowed somewhat in the second half of the year.</li> <li>Against this background, it is now assumed that the sales side, driven by the cooperation, will also develop somewhat more slowly in the medium term than initially assumed.</li> </ul>

	FY End: 31.12.	CAGR							
" MM M	in EUR m	(22-25e)	2019	2020	2021	2022	2023e	2024e	2025e
	Sales	15.3 %	2.91	3.04	3.11	4.20	5.00	5.75	6.44
W S my	Change Sales yoy		-9.3 %	4.3 %	2.6 %	34.8 %	19.1 %	15.0 %	12.0 %
h N l l l l l l l l	Gross profit margin		60.7 %	67.8 %	65.2 %	73.6 %	73.0 %	73.0 %	73.0 %
MNY YUN LAND THURSDAY	EBITDA	12.2 %	-0.04	1.47	1.76	3.15	3.35	3.80	4.44
n ry w tr i	Margin		-1.2 %	48.3 %	56.7 %	74.9 %	67.0 %	66.0 %	69.0 %
ן <u>ע</u> עע ' ∟	EBIT	20.9 %	-2.09	0.31	0.34	1.25	1.52	1.76	2.21
	Margin		-71.8 %	10.2 %	11.0 %	29.8 %	30.4 %	30.7 %	34.3 %
-	Net income	29.2 %	-2.37	0.05	-0.08	0.84	1.19	1.41	1.80
07/22 09/22 11/22 01/23 03/23	05/2: EPS	33.9 %	-0.23	0.00	-0.01	0.05	0.08	0.09	0.12
	EPS adj.	33.9 %	-0.23	0.00	-0.01	0.05	0.08	0.09	0.12
Tour Pamily Entertainment — CDAX (normalised)	DPS	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
el. Performance vs CDAX:	Dividend Yield		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	FCFPS		-0.05	-0.01	-0.01	-0.06	0.07	0.09	0.11
	% FCF / Market cap		-3.9 %	-0.8 %	-1.0 %	-2.5 %	3.2 %	4.0 %	5.2 %
nonths: -25.0	EV / Sales		6.8 x	6.2 x	7.3 x	9.0 x	6.8 x	5.7 x	4.5 x
ear to date:	n/a EV / EBITDA		n.a.	12.9 x	12.9 x	12.1 x	10.2 x	8.6 x	6.5 x
ailing 12 months: -20.6	W EV / EBIT		n.a.	61.1 x	66.5 x	30.3 x	22.4 x	18.5 x	13.0 x
<u>.</u>	P/E		n.a.	n.a.	n.a.	50.0 x	29.0 x	25.8 x	18.2 x
ompany events:	P / E adj.		n.a.	n.a.	n.a.	50.0 x	29.0 x	25.8 x	18.2 x
	FCF Potential Yield		-0.2 %	7.7 %	7.7 %	8.3 %	9.8 %	11.5 %	15.1 %
	Net Debt		7.89	7.99	8.46	-0.36	-1.50	-2.93	-4.67
	ROCE (NOPAT)		n.a.	1.8 %	2.7 %	6.8 %	7.4 %	8.5 %	10.4 %
	Guidance:	n.a.							



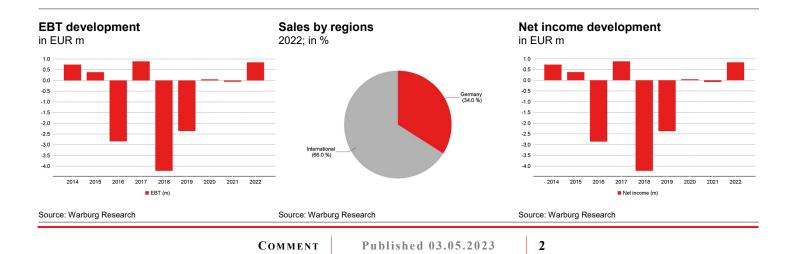


### **Company Background**

- 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 over 50 years old, 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	t period				٦	ransition	al period					Term. Value
Figures in EUR m	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	2035e	
Sales	5.00	5.75	6.44	7.21	8.08	9.05	10.13	11.35	12.71	14.24	15.95	17.86	19.64	
Sales change	19.1 %	15.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	10.0 %	2.0 %
EBIT	1.52	1.76	2.21	2.74	3.07	3.44	3.85	4.31	4.83	5.41	6.06	6.79	7.46	
EBIT-margin	30.4 %	30.7 %	34.3 %	38.0 %	38.0 %	38.0 %	38.0 %	38.0 %	38.0 %	38.0 %	38.0 %	38.0 %	38.0 %	
Tax rate (EBT)	2.2 %	3.8 %	5.7 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	12.0 %	
NOPAT	1.49	1.70	2.08	2.41	2.70	3.03	3.39	3.80	4.25	4.76	5.33	5.97	6.57	
Depreciation	1.83	2.03	2.23	1.80	2.02	2.26	2.53	2.84	3.18	3.56	3.99	4.46	4.91	
in % of Sales	36.6 %	35.3 %	34.7 %	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	0.02	0.00	0.00	-0.03	-0.02	-0.06	-0.07	-0.07	-0.06	-0.05	
Change in Liquidity from														
- Working Capital	0.09	0.00	0.10	-0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
- Capex	1.80	2.00	2.20	1.80	2.02	2.26	2.53	2.84	3.18	3.56	3.99	4.46	4.91	
Capex in % of Sales	36.0 %	34.8 %	34.2 %	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)	1.43	1.73	2.02	2.83	2.70	3.02	3.36	3.78	4.19	4.69	5.26	5.91	6.52	6
PV of FCF	1.35	1.50	1.59	2.05	1.78	1.82	1.85	1.90	1.92	1.96	2.01	2.06	2.07	27
share of PVs		8.68 %						37.9	0 %					53.42 %
Model parameter							Valuati	ion (m)						
Derivation of WACC:			Derivation	of Beta			Presen	t values 20	)35e	2	24			
			Donnation	or Dottai				al Value			27			
Debt ratio	5.00 %		Financial S	•		1.30	Financi	al liabilitie	s		2			
Cost of debt (after tax)	2.5 %		Liquidity (s	hare)		1.30	Pensio	n liabilities			0			
Market return	8.25 %		Cyclicality			1.30	Hybrid	•			0			
Risk free rate	2.75 %		Transpare	ncy		1.30		y interest			0			
			Others			1.30		val. of inv	estments		0			
							Liquidit	,				No. of sha	( )	15.3
WACC	9.53 %		Beta			1.30	Equity	Value		5	52	Value per	' share (E	UR) 3.37

#### Sensitivity Value per Share (EUR)

		Terminal C	Growth								Delta EBIT	-margin					
Beta	WACC	1.25 %	1.50 %	1.75 %	2.00 %	2.25 %	2.50 %	2.75 %	Beta	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.49	10.5 %	2.78	2.82	2.85	2.89	2.94	2.98	3.03	1.49	10.5 %	2.78	2.82	2.85	2.89	2.93	2.97	3.01
1.40	10.0 %	2.98	3.02	3.07	3.11	3.17	3.22	3.28	1.40	10.0 %	2.99	3.03	3.07	3.11	3.16	3.20	3.24
1.35	9.8 %	3.09	3.14	3.18	3.24	3.29	3.35	3.42	1.35	9.8 %	3.11	3.15	3.19	3.24	3.28	3.32	3.37
1.30	9.5 %	3.21	3.26	3.31	3.37	3.43	3.49	3.57	1.30	9.5 %	3.23	3.28	3.32	3.37	3.41	3.46	3.50
1.25	9.3 %	3.33	3.39	3.44	3.51	3.58	3.65	3.73	1.25	9.3 %	3.37	3.41	3.46	3.51	3.55	3.60	3.65
1.20	9.0 %	3.46	3.52	3.59	3.66	3.73	3.81	3.90	1.20	9.0 %	3.51	3.56	3.61	3.66	3.71	3.76	3.80
1.11	8.5 %	3.76	3.83	3.91	4.00	4.09	4.19	4.30	1.11	8.5 %	3.84	3.89	3.94	4.00	4.05	4.10	4.16

· 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



	2019	2020	2021	2022	2023e	2024e	2025e
Price / Book	1.5 x	1.3 x	1.7 x	1.9 x	1.7 x	1.5 x	1.4 x
Book value per share ex intangibles	-8.36	-8.42	-8.82	0.07	0.15	0.24	0.36
EV / Sales	6.8 x	6.2 x	7.3 x	9.0 x	6.8 x	5.7 x	4.5 x
EV / EBITDA	n.a.	12.9 x	12.9 x	12.1 x	10.2 x	8.6 x	6.5 x
EV / EBIT	n.a.	61.1 x	66.5 x	30.3 x	22.4 x	18.5 x	13.0 x
EV / EBIT adj.*	n.a.	61.1 x	66.5 x	30.3 x	22.4 x	18.5 x	13.0 x
P / FCF	n.a.	n.a.	n.a.	n.a.	31.3 x	24.7 x	19.3 x
P/E	n.a.	n.a.	n.a.	50.0 x	29.0 x	25.8 x	18.2 x
P / E adj.*	n.a.	n.a.	n.a.	50.0 x	29.0 x	25.8 x	18.2 x
Dividend Yield	n.a.						
FCF Potential Yield (on market EV)	-0.2 %	7.7 %	7.7 %	8.3 %	9.8 %	11.5 %	15.1 %

### Consolidated profit & loss



In EUR m	2019	2020	2021	2022	2023e	2024e	2025e
Sales	2.91	3.04	3.11	4.20	5.00	5.75	6.44
Change Sales yoy	-9.3 %	4.3 %	2.6 %	34.8 %	19.1 %	15.0 %	12.0 %
Increase / decrease in inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Own work capitalised	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Sales	2.91	3.04	3.11	4.20	5.00	5.75	6.44
Material expenses	1.14	0.98	1.09	1.11	1.35	1.55	1.74
Gross profit	1.77	2.06	2.03	3.09	3.65	4.20	4.70
Gross profit margin	60.7 %	67.8 %	65.2 %	73.6 %	73.0 %	73.0 %	73.0 %
Personnel expenses	1.22	1.25	1.08	1.31	1.35	1.50	1.61
Other operating income	0.41	1.52	1.78	3.04	2.80	3.11	3.61
Other operating expenses	1.00	0.86	0.96	1.68	1.75	2.01	2.25
Unfrequent items	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EBITDA	-0.04	1.47	1.76	3.15	3.35	3.80	4.44
Margin	-1.2 %	48.3 %	56.7 %	74.9 %	67.0 %	66.0 %	69.0 %
Depreciation of fixed assets	0.03	0.00	0.00	0.01	0.03	0.03	0.03
EBITA	-0.06	1.46	1.76	3.14	3.32	3.76	4.41
Amortisation of intangible assets	2.03	1.15	1.42	1.88	1.80	2.00	2.20
Goodwill amortisation	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EBIT	-2.09	0.31	0.34	1.25	1.52	1.76	2.21
Margin	-71.8 %	10.2 %	11.0 %	29.8 %	30.4 %	30.7 %	34.3 %
EBIT adj.	-2.09	0.31	0.34	1.25	1.52	1.76	2.21
Interest income	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interest expenses	0.27	0.26	0.40	0.41	0.30	0.30	0.30
Other financial income (loss)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EBT	-2.36	0.05	-0.06	0.84	1.22	1.46	1.91
Margin	-81.1 %	1.7 %	-2.0 %	20.1 %	24.4 %	25.5 %	29.7 %
Total taxes	0.01	0.00	0.02	0.01	0.03	0.06	0.11
Net income from continuing operations	-2.37	0.05	-0.08	0.84	1.19	1.41	1.80
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	-2.37	0.05	-0.08	0.84	1.19	1.41	1.80
Minority interest	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net income	-2.37	0.05	-0.08	0.84	1.19	1.41	1.80
Margin	-81.5 %	1.6 %	-2.5 %	19.9 %	23.9 %	24.5 %	28.0 %
Number of shares, average	10.29	10.46	10.46	15.31	15.31	15.31	15.31
EPS	-0.23	0.00	-0.01	0.05	0.08	0.09	0.12
EPS adj.	-0.23	0.00	-0.01	0.05	0.08	0.09	0.12
*Adjustments made for: Theoretical changes in the value	of the film assets						

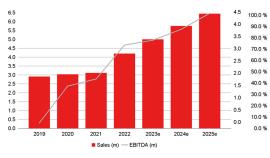
#### Guidance: n.a.

### **Financial Ratios**

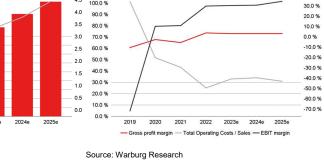
	2019	2020	2021	2022	2023e	2024e	2025e
Total Operating Costs / Sales	101.2 %	51.7 %	43.3 %	25.1 %	33.0 %	34.0 %	31.0 %
Operating Leverage	5.0 x	n.a.	3.8 x	7.7 x	1.1 x	1.1 x	2.1 x
EBITDA / Interest expenses	n.m.	5.6 x	4.4 x	7.7 x	11.2 x	12.7 x	14.8 x
Tax rate (EBT)	-0.5 %	6.8 %	-28.8 %	1.0 %	2.2 %	3.8 %	5.7 %
Dividend Payout Ratio	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Sales per Employee	171,196	252,946	259,488	349,864	333,333	383,333	429,333

# Sales, EBITDA in EUR m

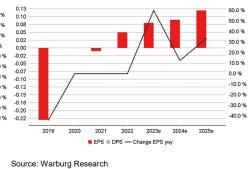
Source: Warburg Research



### Operating Performance in %



### Performance per Share



COMMENT Published 03.05.2023

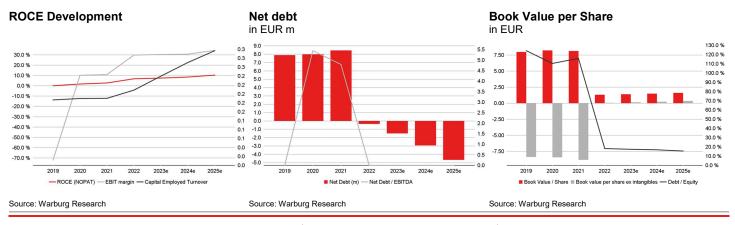


## Consolidated balance sheet

Consolidated balance sheet							
In EUR m	2019	2020	2021	2022	2023e	2024e	2025e
Assets							
Goodwill and other intangible assets	16.36	16.65	16.96	19.22	19.22	19.22	19.22
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	0.03	0.02	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	16.39	16.67	16.97	19.22	19.20	19.17	19.13
Inventories	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Accounts receivable	0.41	0.35	0.35	0.56	0.70	0.80	0.90
Liquid assets	1.07	0.23	0.00	3.17	4.31	5.74	7.48
Other short-term assets	0.07	0.05	0.25	1.05	1.05	1.05	1.05
Current assets	1.55	0.62	0.60	4.79	6.06	7.60	9.43
Total Assets	17.90	17.30	17.60	24.00	25.30	26.80	28.60
Liabilities and shareholders' equity							
Subscribed capital	10.27	10.39	10.39	15.31	15.31	15.31	15.31
Capital reserve	2.78	2.84	2.84	9.27	9.27	9.27	9.27
Retained earnings	-5.06	-5.01	-5.09	-4.27	-3.07	-1.66	0.14
Other equity components	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Shareholders' equity	7.99	8.22	8.14	20.32	21.51	22.92	24.72
Minority interest	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total equity	7.99	8.22	8.14	20.32	21.51	22.92	24.72
Provisions	0.82	0.80	0.90	0.87	0.87	0.87	0.87
thereof provisions for pensions and similar obligations	0.35	0.35	0.35	0.34	0.34	0.34	0.34
Financial liabilities (total)	8.61	7.87	8.11	2.47	2.47	2.47	2.47
Short-term financial liabilities	4.24	3.49	3.74	0.00	0.00	0.00	0.00
Accounts payable	0.43	0.34	0.41	0.35	0.40	0.50	0.50
Other liabilities	0.07	0.08	0.01	0.01	0.01	0.01	0.01
Liabilities	9.92	9.08	9.43	3.69	3.74	3.84	3.84
Total liabilities and shareholders' equity	17.90	17.30	17.60	24.00	25.30	26.80	28.60

### **Financial Ratios**

	2019	2020	2021	2022	2023e	2024e	2025e
Efficiency of Capital Employment							
Operating Assets Turnover	-339.6 x	110.0 x	-63.5 x	19.2 x	18.0 x	23.2 x	20.3 x
Capital Employed Turnover	0.2 x	0.2 x	0.2 x	0.2 x	0.2 x	0.3 x	0.3 x
ROA	-14.5 %	0.3 %	-0.5 %	4.3 %	6.2 %	7.3 %	9.4 %
Return on Capital							
ROCE (NOPAT)	n.a.	1.8 %	2.7 %	6.8 %	7.4 %	8.5 %	10.4 %
ROE	-25.8 %	0.6 %	-1.0 %	5.9 %	5.7 %	6.3 %	7.6 %
Adj. ROE	-25.8 %	0.6 %	-1.0 %	5.9 %	5.7 %	6.3 %	7.6 %
Balance sheet quality							
Net Debt	7.89	7.99	8.46	-0.36	-1.50	-2.93	-4.67
Net Financial Debt	7.54	7.64	8.11	-0.70	-1.83	-3.27	-5.01
Net Gearing	98.8 %	97.1 %	103.9 %	-1.8 %	-7.0 %	-12.8 %	-18.9 %
Net Fin. Debt / EBITDA	n.a.	520.8 %	459.4 %	n.a.	n.a.	n.a.	n.a.
Book Value / Share	8.0	8.2	8.1	1.3	1.4	1.5	1.6
Book value per share ex intangibles	-8.4	-8.4	-8.8	0.1	0.1	0.2	0.4



### Consolidated cash flow statement

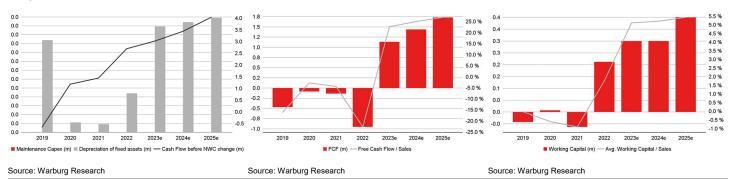


In EUR m	2019	2020	2021	2022	2023e	2024e	20256
Net income	-2.37	0.05	-0.08	0.84	1.19	1.41	1.80
Depreciation of fixed assets	0.03	0.00	0.00	0.01	0.03	0.03	0.03
Amortisation of goodwill	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Amortisation of intangible assets	2.03	1.15	1.42	1.88	1.80	2.00	2.20
Increase/decrease in long-term provisions	0.00	-0.02	0.10	-0.03	0.00	0.00	0.00
Other non-cash income and expenses	-0.32	0.00	0.00	0.00	0.00	0.00	0.00
Cash Flow before NWC change	-0.64	1.19	1.44	2.70	3.02	3.44	4.03
Increase / decrease in inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase / decrease in accounts receivable	0.14	-0.06	0.00	0.21	-0.14	-0.10	-0.10
Increase / decrease in accounts payable	-0.17	0.09	-0.07	0.06	0.05	0.10	0.00
Increase / decrease in other working capital positions	0.25	-1.25	-1.46	-3.75	0.00	0.00	0.00
Increase / decrease in working capital (total)	0.22	-1.22	-1.53	-3.48	-0.09	0.00	-0.10
Net cash provided by operating activities [1]	-0.42	-0.04	-0.09	-0.78	2.94	3.44	3.93
Investments in intangible assets	-0.03	-1.45	-1.70	-3.15	-1.80	-2.00	-2.20
Investments in property, plant and equipment	-0.02	0.00	-0.03	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	0.00	0.05	0.03	0.00	0.00	0.00	0.00
Net cash provided by investing activities [2]	-0.05	0.00	-0.02	-0.17	-1.80	-2.00	-2.20
Change in financial liabilities	0.20	-4.38	-4.38	-3.44	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	-0.13	0.00	0.00	-0.12	0.00	0.00	0.00
Capital measures	0.00	4.38	4.38	8.39	0.00	0.00	0.00
Other	0.00	-0.05	-0.39	-0.40	0.00	0.00	0.00
Net cash provided by financing activities [3]	0.08	-0.05	-0.39	4.43	0.00	0.00	0.00
Change in liquid funds [1]+[2]+[3]	-0.39	-0.09	-0.50	3.48	1.13	1.44	1.73
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	0.28	0.19	-0.31	3.17	4.31	5.74	7.48

### **Financial Ratios**

	2019	2020	2021	2022	2023e	2024e	2025e
- · -·							
Cash Flow							
FCF	-0.47	-0.08	-0.14	-0.95	1.13	1.44	1.73
Free Cash Flow / Sales	-16.1 %	-2.8 %	-4.4 %	-22.7 %	22.7 %	25.0 %	26.9 %
Free Cash Flow Potential	-0.05	1.46	1.75	3.14	3.32	3.74	4.33
Free Cash Flow / Net Profit	19.7 %	-179.2 %	172.5 %	-114.0 %	95.0 %	102.1 %	96.2 %
Interest Received / Avg. Cash	0.1 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	3.2 %	3.2 %	5.0 %	7.7 %	12.1 %	12.1 %	12.1 %
Management of Funds							
Investment ratio	1.7 %	47.5 %	55.5 %	75.0 %	36.0 %	34.8 %	34.2 %
Maint. Capex / Sales	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Capex / Dep	2.4 %	124.7 %	121.5 %	166.2 %	98.4 %	98.5 %	98.6 %
Avg. Working Capital / Sales	0.0 %	-0.6 %	-0.9 %	1.8 %	5.1 %	5.2 %	5.4 %
Trade Debtors / Trade Creditors	94.8 %	102.7 %	85.0 %	160.9 %	175.0 %	160.0 %	180.0 %
Inventory Turnover	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a
Receivables collection period (days)	51	42	41	49	51	51	51
Payables payment period (days)	137	126	137	115	108	118	105
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** 

COMMENT

Published 03.05.2023

7

Working Capital



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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	161	76
Hold	41	19
Sell	8	4
Rating suspended	3	1
Total	213	100

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

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Buy	45	87
Hold	6	12
Sell	0	0
Rating suspended	1	2
Total	52	100

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### EQUITIES

Matthias Rode Head of Equities

#### RESEARCH

Michael Heider Head of Research Henner Rüschmeier Head of Research Stefan Augustin Cap. Goods, Engineering Jan Bauer Renewables **Christian Cohrs** Industrials & Transportation Dr. Christian Ehmann BioTech, Life Science Felix Ellmann Software, IT Jörg Philipp Frey Retail, Consumer Goods Marius Fuhrberg Financial Services Fabio Hölscher Automobiles, Car Suppliers Philipp Kaiser Real Estate, Construction

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### INSTITUTIONAL EQUITY SALES

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### SALES TRADING

**Oliver Merckel** Head of Sales Trading omerckel@mmwarburg.com Marcel Magiera Sales Trading mmagiera@mmwarburg.com **Bastian Quast** Sales Trading bquast@mmwarburg.com

+49 40 309537-280 mheider@warburg-research.com +49 40 309537-270 hrueschmeier@warburg-research.com +49 40 309537-168 saugustin@warburg-research.com +49 40 309537-155 jbauer@warburg-research.com +49 40 309537-175 ccohrs@warburg-research.com +49 40 309537-167 cehmann@warburg-research.com +49 40 309537-120 fellmann@warburg-research.com +49 40 309537-258 jfrey@warburg-research.com +49 40 309537-185 mfuhrberg@warburg-research.com +49 40 309537-240 fhoelscher@warburg-research.com +49 40 309537-260 pkaiser@warburg-research.com +49 40 309537-257

tkleibauer@warburg-research.com

mniemann@mmwarburg.com

kschilling@mmwarburg.com

lbogdanova@mmwarburg.com

jbuchmueller@mmwarburg.com

+49 40 3282-2660

+49 69 5050-7400

+49 40 3282-2665 tbeckmann@mmwarburg.com

+49 69 5050-7411

+49 69 5050-7415

+49 40 3282-2696

+49 69 5050-7413

+49 40 3282-2634

+49 40 3282-2662

+49 40 3282-2701

mfritsch@mmwarburg.com

mmartin@mmwarburg.com

+49 40 3282-2678

mrode@mmwarburg.com

Hannes Müller Software, I Andreas Pläsier Banks, Financial Services Malte Schaumann Technology **Oliver Schwarz** Chemicals, Agriculture Simon Stippig Real Estate, Telco Cansu Tatar Cap. Goods, Engineering Marc-René Tonn Automobiles, Car Suppliers Robert-Jan van der Horst Technology Andreas Wolf Software, IT

+49 40 309537-255 hmueller@warburg-research.com +49 40 309537-246 aplaesier@warburg-research.com +49 40 309537-170 mschaumann@warburg-research.com +49 40 309537-250 oschwarz@warburg-research.com +49 40 309537-265 sstippig@warburg-research.com +49 40 309537-248 ctatar@warburg-research.com +49 40 309537-259 mtonn@warburg-research.com +49 40 309537-290 rvanderhorst@warburg-research.com +49 40 309537-140 awolf@warburg-research.com

Christopher Seedorf Switzerland

+49 40 3282-2695 cseedorf@mmwarburg.com

**Charlotte Wernicke** Roadshow/Marketing Juliane Niemann Roadshow/Marketing

Jan-Philip Schmidt Sales Trading Sebastian Schulz Sales Trading Jörg Treptow Sales Trading

+49 40 3282-2669 cwernicke@mmwarburg.com +49 40 3282-2694 jniemann@mmwarburg.com

+49 40 3282-2682 jschmidt@mmwarburg.com +49 40 3282-2631 sschulz@mmwarburg.com +49 40 3282-2658 jtreptow@mmwarburg.com

MACRO RESEARCH	4		
Carsten Klude Macro Research	+49 40 3282-2572 cklude@mmwarburg.com	Dr. Christian Jasperneite Investment Strategy	+49 40 3282-2439 cjasperneite@mmwarburg.com
Our research can be	e found under:		
Warburg Research	research.mmwarburg.com/en/index.html	Refinitiv	www.refinitiv.com
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For access please co	ntact:		
Andrea Schaper Sales Assistance	+49 40 3282-2632 aschaper@mmwarburg.com	Kerstin Muthig Sales Assistance	+49 40 3282-2703 kmuthig@mmwarburg.com

