

2023e

3.6 x

39 %

1.5

Online-Sport-Bettingprovider with a strong focus on horse racing

Description:

Price / Book:

Equity Ratio:

Key Figures (WRe):

Buy EUR 15.00	
Price	EUR 11.80
Upside	27.1 %

Value Indicators:	EUR	Warburg ESG Risk Score:	2.3
DCF:	14.85	ESG Score (MSCI based):	2.0
		Balance Sheet Score:	5.0
		Market Liquidity Score:	0.0
Market Snapshot:	EUR m	Shareholders:	
Market cap:	51.0	Freefloat	62.51 %
No. of shares (m):	4.3	Management	8.36 %
EV:	42.0	Tullina AG	6.92 %
Freefloat MC:	31.9	Prime Capital Access S.A.	5.69 %
Ø Trad. Vol. (30d):	28.21 th	Weiss media	6.52 %

After a long delay, the shops are finally opening

s Q1/2023	3 :					
Q1/23	Q1/23e	Q1/22	yoy	2023e	2022	yoy
4.9	5.8	5.0	-1.6%	19.0	15.3	23.9%
-1.4	-1.0	0.7	-	-3.5	-3.5	-2.0%
-27.8%	-17.2%	14.7%		-18.3%	-23.2%	
	Q1/23 4.9 -1.4	4.9 5.8 -1.4 -1.0	Q1/23 Q1/23e Q1/22 4.9 5.8 5.0 -1.4 -1.0 0.7	Q1/23 Q1/23e Q1/22 yoy 4.9 5.8 5.0 -1.6% -1.4 -1.0 0.7 -	Q1/23 Q1/23e Q1/22 yoy 2023e 4.9 5.8 5.0 -1.6% 19.0 -1.4 -1.0 0.7 - -3.5	Q1/23 Q1/23e Q1/22 yoy 2023e 2022 4.9 5.8 5.0 -1.6% 19.0 15.3 -1.4 -1.0 0.7 - -3.5 -3.5

Comment on Figures:

- On May 16, 2023, pferdewetten.de AG presented the figures for the first quarter.
- Unfortunately, these fell short of expectations again (WRe) owing to the delay in the scheduled opening of shops.
- However, the decisive factor is the speed with which further shops are currently being opened. After a very weak Q1, Q2 is expected to be very strong.

The slow process of opening of new stationary betting shops in Q1 (which form the core of the business model) and the very slow official approval processes on the part of the authorities, again led to a shortfall to the earnings expectations in the first quarter.

New shop openings in the first quarter remained far behind planning. Although planning was based on an average of nine new shops per month, only two shops were opened in January. In February the number of openings again amounted to only two, and in March six. At the end of the first quarter, there were only 20 shops in operation.

This was followed by a very strong April with 16 openings and May, which has seen eight openings so far. Now, there are a total of 44 shops in operation. The company's plan to operate 114 shops by the end of the year remains in place.

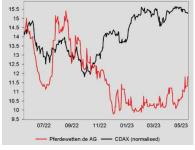
Contracts currently exist with 160 locations (open or in the process of opening). By the end of 2024, there should be 222 shops in operation. These dimensions show how insignificant the currently reported quarterly figures are for the valuation of the company as a whole. Although the horse-betting business (EBITDA 1.6m in Q1) in particular makes a substantial contribution to financing the expansion into the stationary betting business, it is of less significance in determining the value of this share in the long term. As soon as the shop openings continue at a high pace and if sales follow this to a sufficient extent, expectations (WRe) can possibly be raised again and, at the same time, the discounts in the valuation model (beta 1.5) reduced. This could have very positive consequences for the target price. So far, the share continues to be rated Buy with a target price of EUR 15.

Changes in E	stimates:					
FY End: 31.12. in EUR m	2023e (old)	+/-	2024e (old)	+/-	2025e (old)	+/-
Sales EBIT	25.0 -4.2	-24.0 % n.m.	35.0 -3.1	-8.6 % n.m.	45.0 -0.5	-2.2 % n.m.

Q3

Comment on Changes:

- The figures for the current financial year are reduced again, considering the circumstances described above.
- Due to the high speed of the current shop openings, the model remains merely unchanged for the medium and long term.



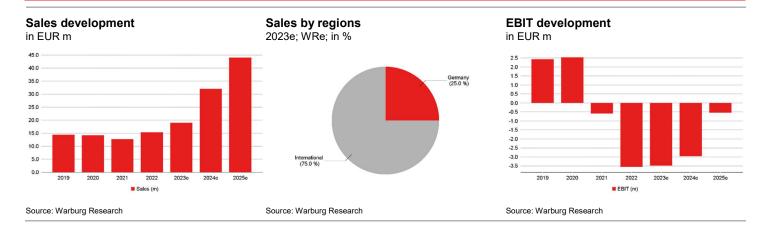
Rel. Performance vs CDAX:	
1 month:	15.2 %
6 months:	-5.8 %
Year to date:	2.6 %
Trailing 12 months:	-23.9 %
Company events:	
15.08.23	Q2
23.08.23	AGM

FY End: 31.12.	CAGR							
in EUR m	(22-25e)	2019	2020	2021	2022	2023e	2024e	2025e
Sales	42.1 %	14.4	14.2	12.7	15.3	19.0	32.0	44.0
Change Sales yoy		30.2 %	-1.8 %	-10.2 %	20.5 %	23.9 %	68.4 %	37.5 %
Gross profit margin		57.0 %	61.9 %	53.1 %	43.1 %	40.0 %	42.0 %	44.0 %
EBITDA	-	3.0	3.0	0.0	-2.5	-2.3	-1.8	0.7
Margin		21.0 %	21.4 %	-0.1 %	-16.5 %	-12.0 %	-5.5 %	1.5 %
EBIT	-	2.4	2.5	-0.6	-3.5	-3.5	-3.0	-0.5
Margin		16.9 %	17.9 %	-4.6 %	-23.2 %	-18.3 %	-9.2 %	-1.2 %
Net income	-	3.3	1.5	-0.2	-1.5	-1.9	-1.5	-0.2
EPS	-	0.77	0.34	-0.04	-0.32	-0.38	-0.31	-0.05
EPS adj.	-	0.77	0.34	-0.04	-0.32	-0.38	-0.31	-0.05
DPS	0.0 %	0.20	0.26	0.10	0.10	0.00	0.10	0.10
Dividend Yield		1.9 %	2.5 %	0.6 %	0.7 %	n.a.	0.8 %	0.8 %
FCFPS		0.94	0.36	0.46	-0.83	-0.41	-0.29	0.01
FCF / Market cap		9.0 %	3.4 %	2.7 %	-6.1 %	-3.5 %	-2.5 %	0.1 %
EV / Sales		2.4 x	2.4 x	5.0 x	3.5 x	2.5 x	1.5 x	1.1 x
EV / EBITDA		11.5 x	11.2 x	n.a.	n.a.	n.a.	n.a.	75.6 x
EV / EBIT		14.3 x	13.4 x	n.a.	n.a.	n.a.	n.a.	n.a.
P/E		13.6 x	31.0 x	n.a.	n.a.	n.a.	n.a.	n.a.
P / E adj.		13.6 x	31.0 x	n.a.	n.a.	n.a.	n.a.	n.a.
FCF Potential Yield		10.9 %	5.4 %	0.3 %	-2.7 %	-1.8 %	-1.0 %	2.1 %
Net Debt		-10.4	-11.6	-12.6	-11.5	-9.0	-7.6	-7.2
ROCE (NOPAT)		63.6 %	24.7 %	n.a.	n.a.	n.a.	n.a.	n.a.
Guidance:	2023: EBITDA	EUR -2.3m	to -3.3m					

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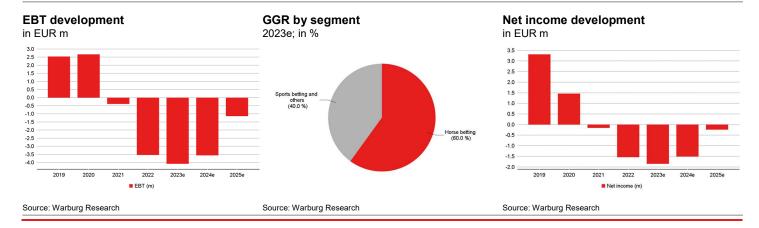


Company Background

- Pferdewetten.de is a online betting provider with a strong focus on horse racing and is one of the top 2 providers in Germany.
- In May 2017 the Board announced the reentering of the sportsbetting market with Pferdewetten's two platforms sportwetten.de and sportwetten.com.

Competitive Quality

- Pferdewetten.de AG has a very good positioning in the niche market for horse betting and has valuable market know-how thanks to its own bookmaker software.
- The company has an active and loyal customer base in the horse betting sector.
- Based on this leading position, the company is entering the sports betting sector (online and stationary).





DCF model														
	Detaile	d forecas	t period				7	ransition	al period					Term. Value
Figures in EUR m	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	2035e	
Sales	19.0	32.0	44.0	55.4	67.1	73.1	79.0	85.3	91.3	96.7	101.6	105.6	108.8	
Sales change	23.9 %	68.4 %	37.5 %	26.0 %	21.0 %	9.0 %	8.0 %	8.0 %	7.0 %	6.0 %	5.0 %	4.0 %	3.0 %	2.0 %
EBIT	-3.5	-3.0	-0.5	2.8	10.1	11.0	11.8	12.8	13.7	14.5	15.2	15.8	16.3	
EBIT-margin	-18.3 %	-9.2 %	-1.2 %	5.0 %	15.0 %	15.0 %	15.0 %	15.0 %	15.0 %	15.0 %	15.0 %	15.0 %	15.0 %	
Tax rate (EBT)	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	
NOPAT	-2.8	-2.4	-0.4	2.2	8.0	8.8	9.5	10.2	11.0	11.6	12.2	12.7	13.1	
Depreciation	1.2	1.2	1.2	1.4	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	
in % of Sales	6.3 %	3.8 %	2.7 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	
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	-0.1	-0.3	-0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	
- Capex	0.6	0.6	0.6	1.4	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	
Capex in % of Sales	3.2 %	1.9 %	1.4 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	2.5 %	
- Other	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	
Free Cash Flow (WACC Model)	-2.1	-1.5	0.4	2.0	7.8	8.5	9.3	10.1	10.8	11.5	12.1	12.6	13.0	13
PV of FCF	-2.0	-1.2	0.3	1.4	4.9	4.8	4.7	4.6	4.4	4.2	4.0	3.8	3.5	40
share of PVs		-3.83 %						52.36	6 %					51.48 %

Model parameter				Valuation (m)			
Derivation of WACC:		Derivation of Beta:		Present values 2035e	37		
				Terminal Value	40		
Debt ratio	0.00 %	Financial Strength	1.50	Financial liabilities	0		
Cost of debt (after tax)	3.5 %	Liquidity (share)	1.50	Pension liabilities	0		
Market return	8.25 %	Cyclicality	1.50	Hybrid capital	0		
Risk free rate	2.75 %	Transparency	1.50	Minority interest	15		
		Others	1.50	Market val. of investments	0		
				Liquidity	19	No. of shares (m)	5.5
WACC	11.00 %	Beta	1.50	Equity Value	81	Value per share (EUR)	14.85

Selis	ilivily va	iue per Sii	are (EUK)													
		Terminal (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
1.68	12.0 %	12.52	12.64	12.78	12.92	13.07	13.23	13.39	1.68	12.0 %	11.42	11.92	12.42	12.92	13.42	13.92	14.42
1.59	11.5 %	13.36	13.51	13.66	13.83	14.01	14.19	14.38	1.59	11.5 %	12.23	12.77	13.30	13.83	14.36	14.90	15.43
1.55	11.3 %	13.81	13.97	14.15	14.33	14.51	14.72	14.93	1.55	11.3 %	12.68	13.23	13.78	14.33	14.87	15.42	15.97
1.50	11.0 %	14.29	14.47	14.65	14.85	15.06	15.27	15.51	1.50	11.0 %	13.15	13.71	14.28	14.85	15.42	15.98	16.55
1.45	10.8 %	14.80	14.99	15.19	15.40	15.63	15.87	16.12	1.45	10.8 %	13.64	14.23	14.82	15.40	15.99	16.58	17.17
1.41	10.5 %	15.34	15.55	15.76	16.00	16.24	16.50	16.78	1.41	10.5 %	14.17	14.78	15.39	16.00	16.60	17.21	17.82
1.32	10.0 %	16.51	16.76	17.02	17.29	17.59	17.90	18.24	1.32	10.0 %	15.34	15.99	16.64	17.29	17.95	18.60	19.25

[•] We anticipate strong sales growth as a result of entering the sports betting market.

pferdewetten.de



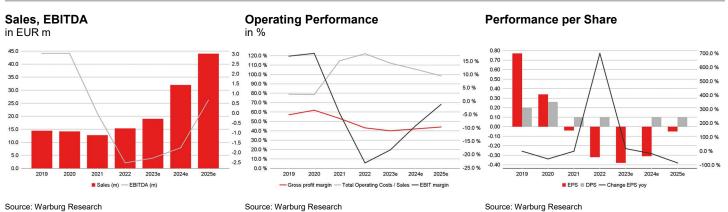
Valuation							
	2019	2020	2021	2022	2023e	2024e	2025e
Price / Book	2.9 x	2.6 x	4.7 x	3.5 x	3.6 x	4.2 x	4.6 x
Book value per share ex intangibles	3.04	3.49	2.77	2.68	2.17	1.84	1.73
EV / Sales	2.4 x	2.4 x	5.0 x	3.5 x	2.5 x	1.5 x	1.1 x
EV / EBITDA	11.5 x	11.2 x	n.a.	n.a.	n.a.	n.a.	75.6 x
EV / EBIT	14.3 x	13.4 x	n.a.	n.a.	n.a.	n.a.	n.a.
EV / EBIT adj.*	14.3 x	13.4 x	n.a.	n.a.	n.a.	n.a.	n.a.
P / FCF	11.1 x	29.6 x	37.6 x	n.a.	n.a.	n.a.	967.2 x
P/E	13.6 x	31.0 x	n.a.	n.a.	n.a.	n.a.	n.a.
P / E adj.*	13.6 x	31.0 x	n.a.	n.a.	n.a.	n.a.	n.a.
Dividend Yield	1.9 %	2.5 %	0.6 %	0.7 %	n.a.	0.8 %	0.8 %
FCF Potential Yield (on market EV)	10.9 %	5.4 %	0.3 %	-2.7 %	-1.8 %	-1.0 %	2.1 %
*Adjustments made for: -							



Consolidated profit & loss							
In EUR m	2019	2020	2021	2022	2023e	2024e	2025e
Sales	14.4	14.2	12.7	15.3	19.0	32.0	44.0
Change Sales yoy	30.2 %	-1.8 %	-10.2 %	20.5 %	23.9 %	68.4 %	37.5 %
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Own work capitalised	0.0	0.0	1.8	0.9	0.0	0.0	0.0
Total Sales	14.4	14.2	14.6	16.2	19.0	32.0	44.0
Material expenses	6.2	5.4	7.8	9.6	11.4	18.6	24.6
Gross profit	8.2	8.8	6.8	6.6	7.6	13.4	19.4
Gross profit margin	57.0 %	61.9 %	53.1 %	43.1 %	40.0 %	42.0 %	44.0 %
Personnel expenses	3.3	3.7	4.6	6.4	6.7	9.6	11.0
Other operating income	0.4	0.5	0.9	1.0	1.1	1.9	2.6
Other operating expenses	2.4	2.6	3.0	3.8	4.4	7.5	10.3
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	3.0	3.0	0.0	-2.5	-2.3	-1.8	0.7
Margin	21.0 %	21.4 %	-0.1 %	-16.5 %	-12.0 %	-5.5 %	1.5 %
Depreciation of fixed assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITA	3.0	3.0	0.0	-2.5	-2.3	-1.8	0.7
Amortisation of intangible assets	0.6	0.5	0.6	1.0	1.2	1.2	1.2
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	2.4	2.5	-0.6	-3.5	-3.5	-3.0	-0.5
Margin	16.9 %	17.9 %	-4.6 %	-23.2 %	-18.3 %	-9.2 %	-1.2 %
EBIT adj.	2.4	2.5	-0.6	-3.5	-3.5	-3.0	-0.5
Interest income	0.2	0.1	0.2	0.0	0.0	0.0	0.0
Interest expenses	0.0	0.0	0.0	0.0	0.6	0.6	0.6
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	2.5	2.7	-0.4	-3.5	-4.1	-3.6	-1.1
Margin	17.6 %	18.8 %	-3.1 %	-23.1 %	-21.5 %	-11.1 %	-2.6 %
Total taxes	-0.8	1.2	-0.2	-1.0	-1.4	-1.2	-0.4
Net income from continuing operations	3.3	1.5	-0.2	-2.5	-2.7	-2.3	-0.7
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	3.3	1.5	-0.2	-2.5	-2.7	-2.3	-0.7
Minority interest	0.0	0.0	0.0	-1.0	-0.8	-0.8	-0.5
Net income	3.3	1.5	-0.2	-1.5	-1.9	-1.5	-0.2
Margin	23.0 %	10.3 %	-1.2 %	-10.0 %	-9.7 %	-4.7 %	-0.5 %
Number of shares, average	4.3	4.3	4.4	4.8	4.8	4.8	4.8
EPS	0.77	0.34	-0.04	-0.32	-0.38	-0.31	-0.05
EPS adj.	0.77	0.34	-0.04	-0.32	-0.38	-0.31	-0.05
*Adjustments made for:							

Guidance: 2023: EBITDA EUR -2.3m to -3.3m

Financial Ratios							
	2019	2020	2021	2022	2023e	2024e	2025e
Total Operating Costs / Sales	79.0 %	78.6 %	114.5 %	122.1 %	112.0 %	105.5 %	98.5 %
Operating Leverage	6.7 x	-2.3 x	n.a.	24.7 x	-0.1 x	-0.2 x	-2.2 x
EBITDA / Interest expenses	178.3 x	189.4 x	n.m.	n.m.	n.m.	n.m.	1.1 x
Tax rate (EBT)	-30.5 %	45.3 %	59.6 %	29.5 %	35.0 %	35.0 %	35.0 %
Dividend Payout Ratio	26.1 %	77.0 %	n.m.	n.m.	0.0 %	n.m.	n.m.
Sales per Employee	335,744	329,605	296,000	356,535	441,860	744,186	1,023,256

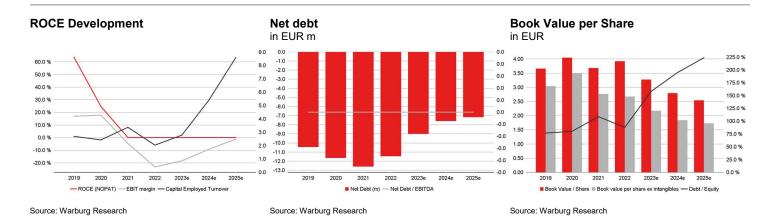


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Consolidated balance sheet							
In EUR m	2019	2020	2021	2022	2023e	2024e	2025e
Assets							
Goodwill and other intangible assets	2.7	2.4	4.1	6.0	5.3	4.6	3.9
thereof other intangible assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
thereof Goodwill	1.3	1.3	0.0	0.0	0.0	0.0	0.0
Property, plant and equipment	1.3	1.2	1.5	1.5	1.6	1.7	1.8
Financial assets	5.9	8.2	5.6	7.3	7.3	7.3	7.3
Other long-term assets	0.5	0.5	1.0	0.3	0.3	0.3	0.3
Fixed assets	10.4	12.3	12.1	15.2	14.6	14.0	13.4
Inventories	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Accounts receivable	2.1	2.3	2.3	1.2	1.5	2.5	3.5
Liquid assets	11.4	12.5	13.8	11.5	17.0	15.6	15.2
Other short-term assets	4.2	4.4	6.0	7.8	7.8	7.8	7.8
Current assets	17.7	19.2	22.1	20.5	26.3	25.9	26.5
Total Assets	28.0	31.5	34.2	35.7	40.9	39.9	39.8
Liabilities and shareholders' equity							
Subscribed capital	4.3	4.3	4.5	4.8	4.8	4.8	4.8
Capital reserve	2.2	2.2	3.2	9.2	9.2	9.2	9.2
Retained earnings	8.7	9.3	8.0	5.0	2.6	1.1	0.4
Other equity components	0.6	1.7	8.0	0.0	-0.8	-1.6	-2.1
Shareholders' equity	15.8	17.5	16.4	19.0	15.8	13.5	12.3
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total equity	15.8	17.5	16.4	19.0	15.8	13.5	12.3
Provisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
thereof provisions for pensions and similar obligations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial liabilities (total)	1.0	8.0	1.2	0.0	8.0	8.0	8.0
Short-term financial liabilities	0.2	0.2	0.3	0.0	0.0	0.0	0.0
Accounts payable	2.1	2.8	2.1	1.6	1.9	3.2	4.4
Other liabilities	9.1	10.4	14.5	15.1	15.1	15.1	15.1
Liabilities	12.1	14.0	17.8	16.7	25.0	26.3	27.5
Total liabilities and shareholders' equity	28.0	31.5	34.2	35.7	40.9	39.9	39.8

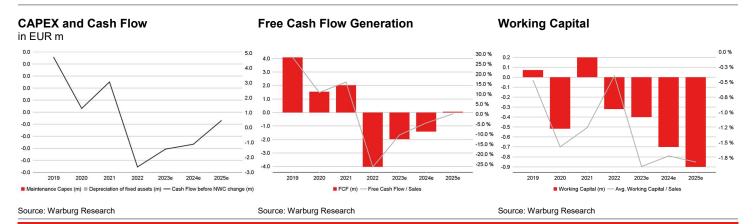
Financial Ratios							
	2019	2020	2021	2022	2023e	2024e	2025e
Efficiency of Capital Employment							
Operating Assets Turnover	10.5 x	22.4 x	7.6 x	12.7 x	15.4 x	31.1 x	47.3 x
Capital Employed Turnover	2.7 x	2.4 x	3.4 x	2.0 x	2.8 x	5.4 x	8.6 x
ROA	31.9 %	11.9 %	-1.3 %	-10.2 %	-12.7 %	-10.8 %	-1.8 %
Return on Capital							
ROCE (NOPAT)	63.6 %	24.7 %	n.a.	n.a.	n.a.	n.a.	n.a.
ROE	23.0 %	8.8 %	-0.9 %	-8.7 %	-10.6 %	-10.3 %	-1.9 %
Adj. ROE	23.0 %	8.8 %	-0.9 %	-8.7 %	-10.6 %	-10.3 %	-1.9 %
Balance sheet quality							
Net Debt	-10.4	-11.6	-12.6	-11.5	-9.0	-7.6	-7.2
Net Financial Debt	-10.4	-11.6	-12.6	-11.5	-9.0	-7.6	-7.2
Net Gearing	-66.0 %	-66.6 %	<i>-</i> 77.0 %	-60.4 %	-56.9 %	-56.1 %	-58.3 %
Net Fin. Debt / EBITDA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Book Value / Share	3.7	4.0	3.7	3.9	3.3	2.8	2.5
Book value per share ex intangibles	3.0	3.5	2.8	2.7	2.2	1.8	1.7





Consolidated cash flow statement							
In EUR m	2019	2020	2021	2022	2023e	2024e	2025e
Net income	3.3	1.5	-0.2	-2.5	-2.7	-2.3	-0.7
Depreciation of fixed assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	0.6	0.5	0.6	1.0	1.2	1.2	1.2
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	0.8	-0.7	2.6	-1.2	0.0	0.0	0.0
Cash Flow before NWC change	4.7	1.3	3.1	-2.6	-1.5	-1.1	0.5
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase / decrease in accounts receivable	-1.1	-0.1	0.0	1.0	-0.3	-1.0	-1.0
Increase / decrease in accounts payable	0.9	0.7	-0.7	-0.5	0.4	1.3	1.2
Increase / decrease in other working capital positions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase / decrease in working capital (total)	-0.3	0.6	-0.7	0.5	0.1	0.3	0.2
Net cash provided by operating activities [1]	4.4	1.9	2.3	-2.1	-1.4	-0.8	0.7
Investments in intangible assets	0.0	0.0	0.0	-1.7	-0.5	-0.5	-0.5
Investments in property, plant and equipment	-0.1	-0.1	-0.1	-0.3	-0.1	-0.1	-0.1
Payments for acquisitions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial investments	0.3	0.3	0.3	5.9	0.0	0.0	0.0
Income from asset disposals	0.0	0.4	0.9	2.8	0.0	0.0	0.0
Net cash provided by investing activities [2]	-0.6	-0.3	0.3	-5.0	-0.6	-0.6	-0.6
Change in financial liabilities	0.0	0.0	0.0	0.0	8.0	0.0	0.0
Dividends paid	-0.7	-0.9	-1.2	-0.5	-0.5	0.0	-0.5
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	0.0	0.0	0.0	5.6	0.0	0.0	0.0
Other	0.0	0.3	-0.1	-0.3	0.0	0.0	0.0
Net cash provided by financing activities [3]	-0.7	-0.5	-1.3	4.7	7.5	0.0	-0.5
Change in liquid funds [1]+[2]+[3]	3.1	1.1	1.3	-2.3	5.5	-1.4	-0.4
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	11.4	12.5	13.8	11.5	17.0	15.6	15.2

Financial Ratios							
	2019	2020	2021	2022	2023e	2024e	2025e
Cash Flow							
FCF	4.1	1.5	2.0	-4.0	-2.0	-1.4	0.1
Free Cash Flow / Sales	28.3 %	10.9 %	15.9 %	-26.3 %	-10.4 %	-4.4 %	0.1 %
Free Cash Flow Potential	3.8	1.8	0.2	-1.5	-0.9	-0.5	1.1
Free Cash Flow / Net Profit	123.2 %	105.5 %	-1292.3 %	261.5 %	106.5 %	93.4 %	-24.5 %
Interest Received / Avg. Cash	1.7 %	1.0 %	1.7 %	0.3 %	0.0 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	3.6 %	1.8 %	2.0 %	4.5 %	15.0 %	7.5 %	7.5 %
Management of Funds							
Investment ratio	0.7 %	0.6 %	0.6 %	12.5 %	3.2 %	1.9 %	1.4 %
Maint. Capex / Sales	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Capex / Dep	16.8 %	16.0 %	12.5 %	186.7 %	50.0 %	50.0 %	50.0 %
Avg. Working Capital / Sales	-0.5 %	-1.6 %	-1.2 %	-0.4 %	-1.9 %	<i>-</i> 1.7 %	-1.8 %
Trade Debtors / Trade Creditors	103.5 %	81.4 %	109.6 %	79.4 %	78.9 %	78.1 %	79.5 %
Inventory Turnover	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Receivables collection period (days)	54	58	65	29	29	29	29
Payables payment period (days)	121	188	97	59	61	63	65
Cash conversion cycle (Days)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.



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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.
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-H-	Hold:	The price of the analysed financial instrument is expected to remain mostly flat over the next 12 months.
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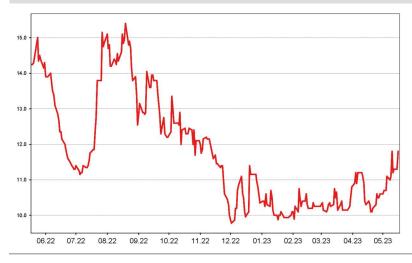
Rating	Number of stocks	% of Universe
Buy	160	75
Hold	43	20
Sell	7	3
Rating suspended	3	1
Total	213	100

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	46	88
Hold	5	10
Sell	0	0
Rating suspended	1	2
Total	52	100

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