

Buy EUR 6.30 (EUR 11.00	Value Indicators: DCF:		Warburg ESG Risk Score ESG Score (MSCI based): Balance Sheet Score: Market Liquidity Score:	n.a. 5.0 2.0	Description: Exasol develops and offers performance data warehoudata analytics solutions	
	Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2023e
	Market cap:	56.1	Freefloat	62.32 %	Beta:	1.4
Price EUR 2.0	No. of shares (m):	26.9	Syntos Beteiligungs GmbH	21.25 %	Price / Book:	7.6 x
Upside 202.2 %	EV:	44.2	Supervisory board	1.62 %	Equity Ratio:	37 %
	Freefloat MC:	34.9	Treasury stocks	1.11 %		
	Ø Trad. Vol. (30d):	70.75 th	Management	0.85 %		

Targets reduced after weak ARR growth in Q3

in EUR m	Q1/22	Q2/22	Q3/22	Q4/22	Q1/23	Q2/23	Q3/23p	2022	2023e
ARR	31.1	32.1	33.5	35.6	35.8	36.3	37.0	35.6	40.9
yoy	22.9%	21.1%	21.8%	16.7%	15.1%	13.1%	10.4%	16.7%	14.8%
qoq	2.0%	3.2%	4.4%	6.3%	0.6%	1.4%	1.9%		
adj. EBITDA	-3.8	-2.2	-2.7	-4.7	-2.2	-1.2	-0.7	-13.4	-4.9
margin	-49.4%	-26.2%	-31.4%	-55.5%	-24.5%	-13.7%	-	-48.7%	-14.8%
Liquid funds Cash burn	26.6 0.6	19.3 7.3	16.9 2.4	12.7 4.2	13.7 -1.0	11.7 2.0	14.7 3.8	12.7 56.8	11.8 0.9

Exasol published preliminary Q3 figures, which were below our expectations, and reduced the outlook for the full year. In Q3, ARR grew by 10.4% to EUR 37.0m, which was below our estimate of EUR 39m, marked a further slowdown in the quarterly growth rates, and represented an increase of only EUR 0.7m compared to Q2. The slow growth was in part the result of projects shifted into Q4. By mid-October, ARR had increased further to EUR 38.3m. However, Q3 should have also benefited from projects delayed in Q2. With the H1 report, Exasol already expected to only reach the lower end of the EUR 42.5-44.0m guidance range. Now, the company is targeting a slightly lower range between EUR 40.0-42.0m.

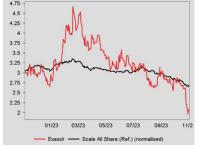
Despite the weak ARR development, EBITDA of EUR -0.7m was in line with our expectations (WRe EUR -0.7m). The last quarter, however, should be weaker than we estimated as some larger projects, expected to be signed in Q4, might only start to contribute to sales in Q1. Against this background, Exasol reduced the adj. EBITDA target from a range of EUR -3m to -1m to a range of EUR -5.5m to -4.5m. This also implies that the company no longer expects to break even in Q4. Cash stood at EUR 14.7m at the end of Q3, which was below the original target of EUR 15.8-17.8m by year-end. Thus, with the losses expected in Q4, Exasol also reduced its cash target from EUR 15.8-17.8m to EUR 11-13m.

We still consider the updated marketing approach with a clear focus on larger key accounts in target industries and a sound upselling vector a promising strategy with the potential to significantly increase customer and ARR growth. Nevertheless, there is still little visibility as to when this potential will be reflected in the company's figures. Thus, we have now applied a more conservative forecast. Despite the significant reduction in estimates and target price, we maintain our Buy recommendation. Exasol still has a highly scalable business model and an EV only slightly below the recurring revenue target for the current year, which we consider an attractive investment opportunity despite recent disappointments.

Changes in E	stimates:					
FY End: 31.12. in EUR m	2023e (old)	+ / -	2024e (old)	+ / -	2025e (old)	+/-
ARR	42.5	-3.9 %	52.5	-8.8 %	68.0	-15.5 %
Sales	38.9	-1.3 %	47.6	-6.0 %	59.7	-11.7 %
EBITDA	-2.9	n.m.	0.4	n.m.	8.5	-90.7 %
EPS	-0.23	n.m.	-0.02	n.m.	0.21	n.m.

Comment on Changes:

- 2023 ARR forecast reduced after further ARR growth slowdown in Q3 and adjusted FY targets
- Growth outlook for 2024 and beyond lowered to reflect the limited visibility regarding the updated marketing strategy
- EBITDA estimates declined as a result of the lower sales volume in Exasol's highly scalable business model



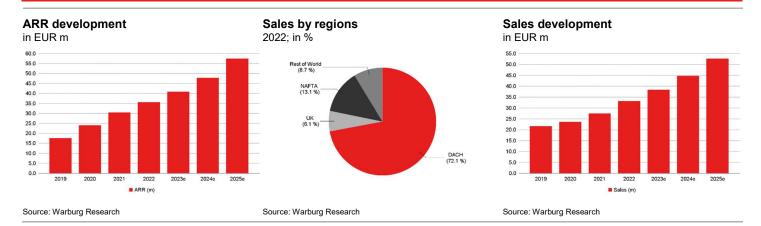
Rel. Performance vs Scale All	Share
1 month:	-20.6 %
6 months:	-24.6 %
Year to date:	-16.8 %
Trailing 12 months:	-17.7 %

Company events:	
14.11.23	Q3

FY End: 31.12. in EUR m	CAGR (22-25e)	2019	2020	2021	2022	2023e	2024e	2025e
ARR	17.3 %	17.6	24.1	30.5	35.6	40.9	47.9	57.5
Sales	16.7 %	21.6	23.6	27.5	33.2	38.4	44.8	52.7
Change Sales yoy		22.0 %	9.2 %	16.4 %	20.9 %	15.6 %	16.6 %	17.7 %
Gross profit margin		97.3 %	94.5 %	96.5 %	93.6 %	92.6 %	93.0 %	93.0 %
EBITDA	-	-11.0	-29.9	-25.7	-12.2	-5.2	-2.6	0.8
Margin		-50.7 %	-126.9 %	-93.5 %	-36.7 %	-13.6 %	-5.8 %	1.5 %
EBIT	-	-13.2	-34.1	-28.5	-14.9	-8.1	-5.4	-2.3
Margin		-60.8 %	-144.5 %	-103.8 %	-45.0 %	-21.0 %	-12.1 %	-4.3 %
EBIT adj.		-4.1	-11.6	-34.4	-16.1	-7.8	-5.4	-2.3
Margin		-18.7 %	-49.2 %	-125.3 %	-48.6 %	-20.2 %	-12.1 %	-4.3 %
Net income	-	-14.0	-34.3	-29.3	-15.0	-8.3	-5.6	-2.4
EPS	-	-0.89	-1.70	-1.45	-0.61	-0.32	-0.21	-0.09
DPS	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dividend Yield		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCFPS		-0.03	-0.70	-2.01	-0.60	-0.30	-0.13	0.00
FCF / Market cap		n.a.	-4.1 %	-11.7 %	-12.8 %	-13.7 %	-6.2 %	0.1 %
EV / Sales		n.a.	11.8 x	11.6 x	3.0 x	1.2 x	1.1 x	0.9 x
EV / EBITDA		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	60.5 x
EV / EBIT		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
P/E		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCF Potential Yield		n.a.	-10.8 %	-8.3 %	-12.1 %	-12.1 %	-5.7 %	1.6 %
Net Debt		1.6	-69.4	-27.2	-12.7	-11.8	-8.4	-8.4
Guidance:	ARR EUR 40-	42m, adj. El	BITDA EUR -	-5.5m to -4.5n	n, liquid fund	s EUR 11-13	m	

Analyst



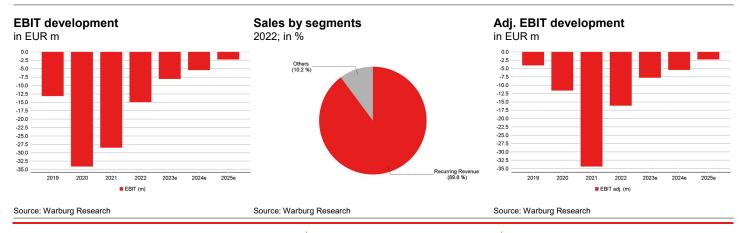


Company Background

- Exasol, headquartered in Nuremberg, Germany, is a technologically leading provider of database solutions for high-performance data warehousing and data analytics
- With its origins as a university spin-off, the company has a history of more than two decades in data science, especially in the field of high-performance computing
- The leading performance of its database solutions is based on a deeply integrated in-memory and massively parallel processing (MPP)
 architecture
- The customer base consists of approx. 200 enterprises worldwide from a variety of industries including top-tier companies such as adidas, Zalando, Revolut and Piedmont Healthcare
- While the company is currently expanding its geographical footprint, the largest part of its revenue (70.3%) is still generated in the DACH region, followed by Northern America with 13.1% and the UK with 6.8%

Competitive Quality

- Exasol offers the world's fastest database for data analytics and data warehousing according to the relevant independent benchmark research
- Leading technology based on more than two decades in high-performance computing, massive parallel processing and in-memory technology deeply rooted in its database architecture
- Surveys show best-in-class customer satisfaction with the solutions and the customer support as reflected in a low churn-rate
- High scalability through R&D focuses on core application with a vast array of applications and automated deployment and tuning algorithms
- Increasing sales share of subscription-based recurring revenue reached 80.5% in 2020 and, in combination with high customer loyalty, provides a high level of visibility





DCF model														
	Detaile	d forecas	t period				٦	Γransition	al period					Term. Value
Figures in EUR m	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	2035e	
Sales	38.4	44.8	52.7	62.3	72.9	84.5	97.6	112.3	128.6	146.6	162.7	175.7	180.1	
Sales change	15.6 %	16.6 %	17.7 %	18.2 %	17.0 %	16.0 %	15.5 %	15.0 %	14.5 %	14.0 %	11.0 %	8.0 %	2.5 %	2.5 %
EBIT	-8.1	-5.4	-2.3	3.2	5.5	9.4	12.3	15.8	20.6	24.9	29.3	33.4	36.0	
EBIT-margin	-21.0 %	-12.1 %	-4.3 %	5.2 %	7.6 %	11.1 %	12.6 %	14.1 %	16.0 %	17.0 %	18.0 %	19.0 %	20.0 %	
Tax rate (EBT)	-2.0 %	-2.0 %	0.0 %	10.0 %	14.0 %	19.0 %	21.0 %	23.0 %	25.0 %	27.0 %	29.0 %	30.0 %	30.0 %	
NOPAT	-8.2	-5.5	-2.3	2.9	4.8	7.6	9.7	12.2	15.4	18.2	20.8	23.4	25.2	
Depreciation	2.8	2.8	3.1	3.1	3.1	3.1	3.1	3.0	2.8	2.6	2.4	2.1	1.8	
in % of Sales	7.4 %	6.3 %	5.8 %	5.0 %	4.3 %	3.7 %	3.2 %	2.7 %	2.2 %	1.8 %	1.5 %	1.2 %	1.0 %	
Changes in provisions	-5.5	0.0	0.0	-0.3	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	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.0	
- Capex	0.4	0.5	0.5	0.6	0.7	8.0	1.0	1.1	1.3	1.5	1.6	1.8	1.8	
Capex in % of Sales	1.0 %	1.0 %	0.9 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	
- Other	-6.8	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)	-4.4	-3.4	0.2	5.1	7.1	9.8	11.7	14.0	16.8	19.2	21.4	23.6	25.2	26
PV of FCF	-4.4	-3.0	0.2	3.7	4.7	5.9	6.4	6.9	7.5	7.8	7.9	7.8	7.6	98
share of PVs		-4.62 %						42.28	В %					62.34 %

Model parameter				Valuation (m)			
Derivation of WACC:		Derivation of Beta:		Present values 2035e	59		
				Terminal Value	98		
Debt ratio	0.00 %	Financial Strength	1.60	Financial liabilities	0		
Cost of debt (after tax)	4.2 %	Liquidity (share)	1.60	Pension liabilities	0		
Market return	8.25 %	Cyclicality	0.80	Hybrid capital	0		
Risk free rate	2.75 %	Transparency	1.40	Minority interest	0		
		Others	1.60	Market val. of investments	0		
				Liquidity	13	No. of shares (m)	26.9
WACC	10.45 %	Beta	1.40	Equity Value	169	Value per share (EUR)	6.30

Sens	itivity va	lue per Sn	are (EUR)													
		Terminal (Growth								Delta EBIT	-margin					
Beta	WACC	1.75 %	2.00 %	2.25 %	2.50 %	2.75 %	3.00 %	3.25 %	Beta	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.58	11.4 %	5.17	5.24	5.31	5.39	5.47	5.56	5.65	1.58	11.4 %	4.89	5.05	5.22	5.39	5.56	5.72	5.89
1.49	11.0 %	5.55	5.63	5.72	5.82	5.91	6.02	6.13	1.49	11.0 %	5.28	5.46	5.64	5.82	5.99	6.17	6.35
1.45	10.7 %	5.76	5.85	5.95	6.05	6.16	6.27	6.39	1.45	10.7 %	5.50	5.68	5.86	6.05	6.23	6.42	6.60
1.40	10.5 %	5.99	6.08	6.19	6.30	6.42	6.54	6.68	1.40	10.5 %	5.73	5.92	6.11	6.30	6.49	6.68	6.87
1.35	10.2 %	6.23	6.33	6.45	6.57	6.70	6.84	6.98	1.35	10.2 %	5.97	6.17	6.37	6.57	6.77	6.96	7.16
1.31	9.9 %	6.48	6.60	6.72	6.85	7.00	7.15	7.31	1.31	9.9 %	6.24	6.44	6.65	6.85	7.06	7.27	7.47
1.22	9.5 %	7.04	7.18	7.33	7.49	7.67	7.85	8.05	1.22	9.5 %	6.83	7.05	7.27	7.49	7.72	7.94	8.16

- The cash inflow from the capital increase is included in the "Other"-line
- The increasing profitability reflects scaleability of the business model as the sales valome increases
- The WACC reflects the expected cash burn, the limited visibility of the expected growth and the target debt ratio of 0%.

Exasol



2019	2020	2021	2022	2023e	2024e	2025e
n.a.	7.2 x	18.1 x	20.7 x	7.6 x	32.4 x	n.a.
-1.23	1.72	0.45	-0.01	0.14	0.02	0.02
n.a.	11.8 x	11.6 x	3.0 x	1.2 x	1.1 x	0.9 x
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	60.5 x
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	-10.8 %	-8.3 %	-12.1 %	-12.1 %	- 5.7 %	1.6 %
	n.a. -1.23 n.a. n.a. n.a. n.a. n.a. n.a. n.a.	n.a. 7.2 x -1.23 1.72 n.a. 11.8 x n.a.	n.a. 7.2 x 18.1 x -1.23 1.72 0.45 n.a. 11.8 x 11.6 x n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	n.a. 7.2 x 18.1 x 20.7 x -1.23 1.72 0.45 -0.01 n.a. 11.8 x 11.6 x 3.0 x n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	n.a. 7.2 x 18.1 x 20.7 x 7.6 x -1.23 1.72 0.45 -0.01 0.14 n.a. 11.8 x 11.6 x 3.0 x 1.2 x n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	n.a. 7.2 x 18.1 x 20.7 x 7.6 x 32.4 x -1.23 1.72 0.45 -0.01 0.14 0.02 n.a. 11.8 x 11.6 x 3.0 x 1.2 x 1.1 x n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.

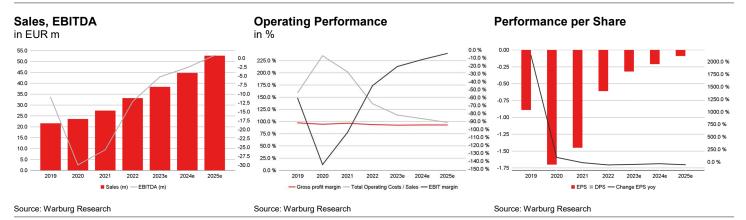
Company Specific Items							
	2019	2020	2021	2022	2023e	2024e	2025e
ARR	17.6	24.1	30.5	35.6	40.9	47.9	57.5



Consolidated profit & loss							
In EUR m	2019	2020	2021	2022	2023e	2024e	2025
Sales	21.6	23.6	27.5	33.2	38.4	44.8	52.
Change Sales yoy	22.0 %	9.2 %	16.4 %	20.9 %	15.6 %	16.6 %	17.7 %
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Own work capitalised	1.8	1.9	2.2	0.0	0.0	0.0	0.0
Total Sales	23.4	25.5	29.7	33.2	38.4	44.8	52.
Material expenses	2.4	3.2	3.2	2.1	2.8	3.1	3.7
Gross profit	21.0	22.3	26.5	31.1	35.5	41.6	49.0
Gross profit margin	97.3 %	94.5 %	96.5 %	93.6 %	92.6 %	93.0 %	93.0 %
Personnel expenses	24.3	37.3	39.3	29.8	30.2	32.9	35.4
Other operating income	0.3	0.4	8.2	3.1	3.2	3.4	3.6
Other operating expenses	8.0	15.3	21.1	16.5	13.8	14.8	16.4
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	-11.0	-29.9	-25.7	-12.2	-5.2	-2.6	0.6
Margin	-50.7 %	-126.9 %	-93.5 %	-36.7 %	-13.6 %	-5.8 %	1.5 %
Depreciation of fixed assets	0.4	0.5	0.6	0.5	0.6	0.5	0.7
EBITA	-11.4	-30.4	-26.3	-12.7	-5.8	-3.1	0.1
Amortisation of intangible assets	1.3	3.2	2.1	2.3	2.2	2.3	2.4
Goodwill amortisation	0.5	0.5	0.1	0.0	0.0	0.0	0.0
EBIT	-13.2	-34.1	-28.5	-14.9	-8.1	-5.4	-2.3
Margin	-60.8 %	-144.5 %	-103.8 %	-45.0 %	-21.0 %	-12.1 %	-4.3 %
EBIT adj.	-4.1	-11.6	-34.4	-16.1	-7.8	-5.4	-2.3
Interest income	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Interest expenses	0.7	0.2	0.0	0.1	0.1	0.1	0.1
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	-13.8	-34.3	-28.5	-15.0	-8.1	-5.5	-2.4
Margin	-64.1 %	-145.4 %	-103.6 %	-45.2 %	-21.2 %	-12.3 %	-4.5 %
Total taxes	0.1	0.0	0.8	0.0	0.2	0.1	0.0
Net income from continuing operations	-14.0	-34.3	-29.3	-15.0	-8.3	-5.6	-2.4
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	-14.0	-34.3	-29.3	-15.0	-8.3	-5.6	-2.4
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income	-14.0	-34.3	-29.3	-15.0	-8.3	-5.6	-2.4
Margin	-64.7 %	-145.4 %	-106.7 %	-45.2 %	-21.7 %	-12.6 %	-4.6 %
Number of shares, average	15.7	20.2	20.2	24.4	25.7	26.9	26.9
EPS	-0.89	-1.70	-1.45	-0.61	-0.32	-0.21	-0.09
EPS adj.	-0.89	-1.70	-1.45	-0.61	-0.32	-0.21	-0.09

Guidance: ARR EUR 40-42m, adj. EBITDA EUR -5.5m to -4.5m, liquid funds EUR 11-13m

Financial Ratios							
	2019	2020	2021	2022	2023e	2024e	2025e
Total Operating Costs / Sales	159.1 %	235.1 %	201.6 %	136.7 %	113.6 %	105.8 %	98.5 %
Operating Leverage	601.6 x	17.3 x	-1.0 x	-2.3 x	-2.9 x	-2.0 x	-3.3 x
EBITDA / Interest expenses	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.	8.7 x
Tax rate (EBT)	-0.9 %	0.0 %	-3.0 %	0.0 %	-2.0 %	-2.0 %	-2.0 %
Dividend Payout Ratio	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Sales per Employee	145,048	105,826	96,686	116,869	191,888	203,446	211,630



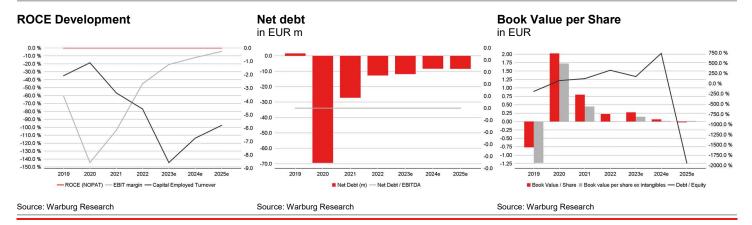
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Consolidated balance sheet							
In EUR m	2019	2020	2021	2022	2023e	2024e	2025e
Assets							
Goodwill and other intangible assets	7.2	7.1	8.4	5.8	3.5	1.2	-1.2
thereof other intangible assets	1.9	1.1	8.0	0.6	0.4	0.1	-0.2
thereof Goodwill	0.5	0.3	0.2	0.2	0.1	0.1	0.1
Property, plant and equipment	0.6	0.6	1.0	0.7	0.4	0.4	0.2
Financial assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	7.9	7.7	9.4	6.4	4.0	1.6	-1.0
Inventories	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Accounts receivable	1.8	3.3	2.9	1.9	2.1	2.5	2.9
Liquid assets	0.6	69.5	27.2	12.7	11.8	8.4	8.4
Other short-term assets	0.7	1.6	2.1	2.0	2.0	2.0	2.0
Current assets	3.2	74.4	32.1	16.8	16.0	12.9	13.3
Total Assets	11.1	82.1	41.5	23.2	19.9	14.5	12.4
Liabilities and shareholders' equity							
Subscribed capital	15.7	24.4	24.4	24.4	26.9	26.9	26.9
Capital reserve	13.5	107.7	107.7	108.9	113.5	113.5	113.5
Retained earnings	-49.3	-83.6	-112.9	-127.9	-136.2	-141.9	-144.3
Other equity components	8.2	-0.2	-0.2	0.1	3.2	3.2	3.2
Shareholders' equity	-12.0	48.3	19.0	5.5	7.4	1.7	-0.7
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total equity	-12.0	48.3	19.0	5.5	7.4	1.7	-0.7
Provisions	11.5	27.2	13.6	5.8	0.3	0.3	0.3
thereof provisions for pensions and similar obligations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial liabilities (total)	2.2	0.1	0.0	0.0	0.0	0.0	0.0
Short-term financial liabilities	2.1	0.0	0.0	0.0	0.0	0.0	0.0
Accounts payable	1.5	1.1	1.2	1.7	1.8	2.0	2.3
Other liabilities	7.9	5.5	7.6	10.2	10.4	10.4	10.4
Liabilities	23.1	33.8	22.5	17.7	12.6	12.8	13.1
Total liabilities and shareholders' equity	11.1	82.1	41.5	23.2	19.9	14.5	12.4

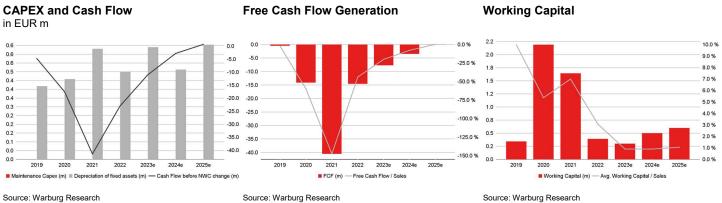
Financial Ratios							
	2019	2020	2021	2022	2023e	2024e	2025e
Efficiency of Capital Employment							
Operating Assets Turnover	21.8 x	8.5 x	10.4 x	31.6 x	53.3 x	52.2 x	65.6 x
Capital Employed Turnover	-2.1 x	-1.1 x	-3.4 x	-4.6 x	-8.6 x	-6.7 x	-5.8 x
ROA	-177.6 %	-444.2 %	-313.1 %	-234.1 %	-209.7 %	-351.7 %	252.0 %
Return on Capital							
ROCE (NOPAT)	n.a.						
ROE	151.1 %	-189.2 %	-87.1 %	-122.6 %	-129.5 %	-123.8 %	-453.9 %
Adj. ROE	151.1 %	-189.2 %	-87.1 %	-122.6 %	-129.5 %	-123.8 %	-453.9 %
Balance sheet quality							
Net Debt	1.6	-69.4	-27.2	-12.7	-11.8	-8.4	-8.4
Net Financial Debt	1.6	-69.4	-27.2	-12.7	-11.8	-8.4	-8.4
Net Gearing	-13.1 %	-143.8 %	-142.8 %	-232.7 %	-160.8 %	-483.0 %	1251.2 %
Net Fin. Debt / EBITDA	n.a.						
Book Value / Share	-0.8	2.0	8.0	0.2	0.3	0.1	0.0
Book value per share ex intangibles	-1.2	1.7	0.4	0.0	0.1	0.0	0.0





Consolidated cash flow statement							
In EUR m	2019	2020	2021	2022	2023e	2024e	2025
Net income	-14.0	-34.3	-29.3	-15.0	-8.3	-5.6	-2.4
Depreciation of fixed assets	0.4	0.5	0.6	0.5	0.6	0.5	0.7
Amortisation of goodwill	0.5	0.5	0.1	0.0	0.0	0.0	0.0
Amortisation of intangible assets	1.3	3.2	2.1	2.3	2.2	2.3	2.4
Increase/decrease in long-term provisions	9.8	15.9	-12.6	-5.9	- 5.5	0.0	0.0
Other non-cash income and expenses	- 2.7	-3.3	-2.3	-4.9	0.0	0.0	0.0
Cash Flow before NWC change	-4.7	-17.5	-41.4	-23.0	-11.0	-2.8	0.6
Increase / decrease in inventory	0.0	0.0	0.0	-0.2	0.2	0.0	0.0
Increase / decrease in accounts receivable	2.5	-2.8	-1.5	-0.6	-0.2	-0.4	-0.4
Increase / decrease in accounts payable	4.5	9.0	6.8	9.5	0.1	0.2	0.3
Increase / decrease in other working capital positions	0.0	0.0	0.0	0.0	3.6	0.0	0.0
Increase / decrease in working capital (total)	7.0	6.2	5.3	8.7	3.7	-0.2	-0.1
Net cash provided by operating activities [1]	2.2	-11.3	-36.1	-14.3	-7.3	-3.0	0.5
Investments in intangible assets	-2.3	-2.4	-3.4	0.0	0.0	0.0	0.0
Investments in property, plant and equipment	-0.4	-0.4	-1.0	-0.3	-0.4	-0.5	-0.5
Payments for acquisitions	0.0	-0.9	0.0	0.0	0.0	0.0	0.0
Financial investments	0.0	35.6	-35.5	0.0	0.0	0.0	0.0
Income from asset disposals	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net cash provided by investing activities [2]	-2.7	-39.3	31.1	-0.3	-0.4	-0.5	-0.5
Change in financial liabilities	-0.9	-3.8	-0.2	-0.1	0.0	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	2.6	0.0	0.0	0.0	0.0	0.0
Capital measures	0.0	87.2	-1.6	0.0	6.8	0.0	0.0
Other	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Net cash provided by financing activities [3]	-0.9	85.9	-1.8	0.0	6.8	0.0	0.0
Change in liquid funds [1]+[2]+[3]	-1.4	35.3	-6.8	-14.5	-0.9	-3.5	0.0
Effects of exchange-rate changes on cash	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Cash and cash equivalent at end of period	-1.5	33.9	27.2	12.7	11.8	8.4	8.4

Financial Ratios							
	2019	2020	2021	2022	2023e	2024e	2025e
Cash Flow							
FCF	-0.5	-14.1	-40.5	-14.6	-7.7	-3.5	0.0
Free Cash Flow / Sales	-2.1 %	-59.8 %	-147.6 %	-43.9 %	-20.0 %	<i>-</i> 7.7 %	0.1 %
Free Cash Flow Potential	-11.1	-29.9	-26.5	-12.2	-5.4	-2.7	0.7
Free Cash Flow / Net Profit	3.2 %	41.1 %	138.3 %	97.0 %	92.6 %	61.6 %	-2.0 %
Interest Received / Avg. Cash	0.1 %	0.0 %	0.1 %	0.0 %	0.0 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	39.1 %	18.9 %	15.8 %	619.3 %	n.a.	n.a.	n.a.
Management of Funds							
Investment ratio	12.4 %	11.9 %	16.2 %	0.8 %	1.0 %	1.0 %	0.9 %
Maint. Capex / Sales	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Capex / Dep	121.9 %	67.2 %	157.4 %	10.2 %	14.0 %	16.0 %	16.4 %
Avg. Working Capital / Sales	10.0 %	5.4 %	7.0 %	3.1 %	0.9 %	0.9 %	1.0 %
Trade Debtors / Trade Creditors	122.8 %	298.8 %	234.0 %	114.1 %	116.7 %	125.0 %	126.1 %
Inventory Turnover	n.a.	160.8 x	n.a.	13.4 x	n.a.	n.a.	n.a.
Receivables collection period (days)	31	50	38	21	20	20	20
Payables payment period (days)	227	123	140	283	231	233	228
Cash conversion cycle (Days)	n.a.	-70	n.a.	-235	n.a.	n.a.	n.a.



Source: Warburg Research



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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.
-S-	Sell:	The price of the analysed financial instrument is expected to fall over the next 12 months.
-H-	Hold:	The price of the analysed financial instrument is expected to remain mostly flat over the next 12 months.
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Rating	Number of stocks	% of Universe
Buy	156	73
Hold	46	22
Sell	6	3
Rating suspended	5	2
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	43	83
Hold	7	13
Sell	0	0
Rating suspended	2	4
Total	52	100

PRICE AND RATING HISTORY EXASOL AS OF 02.11.2023



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.



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