(SDAX, Software/IT, NA9 GR)



Puv		Value Indicators:		Warburg ESG Risk Score:	3.0	Description:	
Buy EUR 220.00		DCF:	221.00	ESG Score (MSCI based): Balance Sheet Score: Market Liquidity Score:	3.0 4.0 2.0	Custom software and digital engineering	
		Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2023e
		Market cap:	1,376.3	Freefloat	70.30 %	Beta:	1.1
Price	EUR 100.00	No. of shares (m):	13.8	Carl G. Duerschmidt	20.00 %	Price / Book:	5.7 x
Upside	120.0 %	EV:	1,535.3	Detlef Dinsel	9.70 %	Equity Ratio:	34 %
openae		Freefloat MC:	967.5			Net Fin. Debt / EBITDA:	1.0 x
		Ø Trad. Vol. (30d):	3.59 m			Net Debt / EBITDA:	1.0 x

#### Support from long-term ambition, cash-flow improvement and share buyback

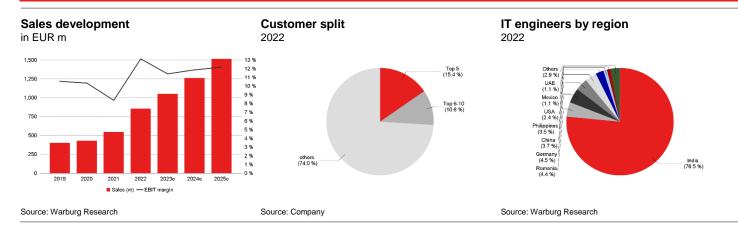
- Annual report published: On Friday, Nagarro published its annual report confirming preliminary figures with revenues of EUR 856m and an adj. EBITDA of EUR 148.5m. In 2022, currency-adjusted organic revenue growth was 39% (27.5% in Q4). The 2023 guidance was confirmed (revenue: EUR 1020m; adj. EBITDA margin: approx. 15%). These targets reflect 19% revenue growth and do not include any acquisitions already made in 2023.
- FCF improvement: FCF after rental payment was EUR 55m (vs. EUR 22m) last year. DSOs including contract assets declined from 84 at the end of 2022 to 74 according to our calculation. The improvement appears to reflect incoming payments associated with public sector clients. Moreover, net proceeds from factoring were EUR 24.8m vs. EUR 8.6m last year. Adding back the factored volume would lead to DSOs of 84. Peers in our coverage universe reported DSOs e.g. of 92 days and 98 citing later client payments as a consequence of the higher interest-rate environment. Similar to its peers, Nagarro typically invoices monthly for time plus expenses or against time-based or deliverable-based milestones in fixed-price contracts.
- Prioritising growth over margins: While Nagarro management is aware of the potential and need to maintain decent margins, it is currently prioritising growth with a focus on the long term. Margins are currently impacted by many forms of investment such as in researching the application of a new technology to an existing industry problem, or building a technology proof-of-concept with its own funds or subsidising it for a client. To win new clients, Nagarro predominantly relies on testimonials, case studies and references. Within existing accounts, growth is typically achieved by adding further services to the engagement, and/or by delivering services to additional divisions. For multinational clients, growth may be achieved from country to country.
- New long-term ambition: For Nagarro, the EUR 1bn revenue threshold was a target for over a decade. Since the company looks set to reach it in 2023, management has already communicated a new long-term ambition: EUR 10bn USD in annual revenue, 20% adjusted EBITDA margin, and a 30% yoy revenue growth rate. This ambition was provided without attaching a specific timeframe to it. The path towards the "10-20-30" KPIs will be supported by constant investment in order to develop a differentiated organizational design and sharpen the perception of the company as an agile and global organisation. As technology will continue to evolve, smaller IT development teams look set to become increasingly efficient allowing them to cope with ever more time-sensitive, interdisciplinary and global requirements. This setup should enable the scaling of the operations.
- Q1 should have grown dynamically: For the first quarter, we expect the number of employees to have grown by approx. 7% sequentially, i.e. over 35% yoy, providing an indication for revenue growth in the first quarter. Hence, a continuation of this pace of growth would quickly make the guidance obsolete. Hence, the news-flow looks set to remain positive. Against this backdrop and given low valuations, management announced its second share buyback programme with a volume of up to EUR 30m.

#### The Buy rating is confirmed in view of the upside to our PT.

145	FY End: 31.12.	CAGR							
140 -	in EUR m	(22-25e)	2019	2020	2021	2022	2023e	2024e	2025e
135 - N	Sales	20.9 %	402.4	430.4	546.0	856.3	1,051.7	1,262.0	1,514.4
125 - M A A	Change Sales yoy		40.1 %	6.9 %	26.9 %	56.8 %	22.8 %	20.0 %	20.0 %
	gross margin		32.1 %	32.6 %	28.3 %	28.9 %	28.6 %	30.2 %	29.9 %
	(company reporting)								
110 - 105 -	EBITDA adj.		55.0	76.2	79.7	148.5	164.9	201.0	244.2
	Margin		13.7 %	17.7 %	14.6 %	17.3 %	15.7 %	15.9 %	16.1 %
95	EBITDA	17.2 %	61.6	66.2	70.3	145.6	156.9	192.0	234.2
90 - YV VI	Margin		15.3 %	15.4 %	12.9 %	17.0 %	14.9 %	15.2 %	15.5 %
85	EBIT	17.9 %	42.4	44.5	45.7	112.4	120.0	149.7	184.3
	Margin		10.5 %	10.3 %	8.4 %	13.1 %	11.4 %	11.9 %	12.2 %
Nagarro SE SDAX (normalised)	Net income before		30.4	24.4	30.0	77.3	81.5	102.9	128.4
Rel. Performance vs SDAX:	minorities	40.4.0	05 F	40.4		77.0	04.5	400.0	400.4
	Net income	18.4 %	25.5	18.4	30.0	77.3	81.5	102.9	128.4
1 month: 6.4 %	EPS	18.7 %	n.a.	1.62	2.51	5.58	5.92	7.48	9.33
6 months: -20.3 %	FCFPS		n.a.	4.48	1.81	3.95	3.04	5.61	6.14
Year to date: -22.6 %	FCF / Market cap		n.a.	5.3 %	1.5 %	3.2 %	3.0 %	5.6 %	6.1 %
Trailing 12 months: -19.2 %	EV / Sales		n.a.	2.5 x	3.0 x	2.1 x	1.5 x	1.2 x	0.9 x
ç	EV / EBIT adj.		n.a.	22.0 x	33.8 x	15.6 x	12.3 x	9.5 x	7.3 x
Company events:	EV / EBIT		n.a.	23.8 x	35.4 x	16.4 x	12.8 x	9.7 x	7.5 x
	P/E		n.a.	52.6 x	48.9 x	21.8 x	16.9 x	13.4 x	10.7 x
	Net Debt		86.0	87.8	149.7	155.8	159.0	82.9	-0.6
	ROCE (NOPAT)		23.0 %	20.5 %	18.8 %	30.2 %	23.9 %	25.8 %	29.2 %
	Guidance:	2023: revenue	: EUR 1020r	n; adj. EBITC	DA margin: ap	oprox. 15%			





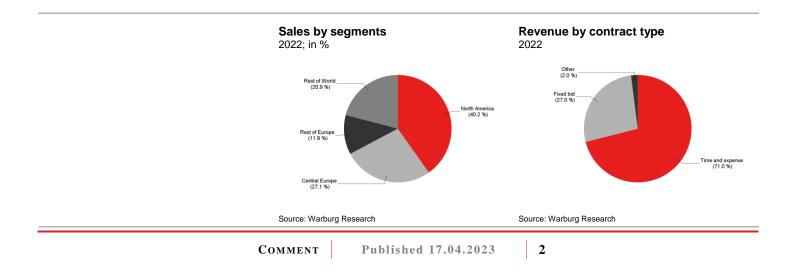


### **Company Background**

- Nagarro provides technology and custom software development services for digital transformation,...
- ...with a focus on disruptive technologies such as artificial intelligence, big data, and internet of things.
- Complementary business fields such as managed services, e-commerce solutions or ERP consulting complete the offering.
- While the majority of revenue is generated in higher price countries, Nagarro is able to serve this demand with access to experts in regions associated with lower costs.

## **Competitive Quality**

- Nagarro is a trusted and valued digitalisation partner developing tailor-made software to achieve competitive differentiation for its clients.
- Technological focus and expertise position the company as an IT engineering expert rather than a consulting or services company.
- Proprietary software Ginger supports collaboration, a decentralised organisational structure which provides access to IT talent and enables Nagarro to serve both, small and large companies around the globe.
- Organizational design and processes allow Nagarro to cross-fertilize knowledge across the global organisation and adapt quickly to new technologies and client needs with lean and agile teams and short time-to-market.
- Access to scarce IT specialists: Nagarro's > 17,000 IT experts e.g. in India, China or Romania have a strong footprint in future-oriented technologies such as cloud, AI, IoT, deep learning or big data.





DCF model														
	Detaile	d forecas	t period				-	Transitior	nal period					Term. Value
Figures in EUR m	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	2035e	
Sales	1,051.7	1,262.0	1,514.4	1,802.2	2,124.1	2,480.7	2,872.1	3,298.2	3,758.1	4,250.7	4,774.4	5,327.4	5,433.9	
Sales change	22.8 %	20.0 %	20.0 %	19.0 %	17.9 %	16.8 %	15.8 %	14.8 %	13.9 %	13.1 %	12.3 %	11.6 %	2.0 %	2.0 %
EBIT	120.0	149.7	184.3	198.2	223.0	260.5	301.6	346.3	394.6	446.3	501.3	559.4	570.6	
EBIT-margin	11.4 %	11.9 %	12.2 %	11.0 %	10.5 %	10.5 %	10.5 %	10.5 %	10.5 %	10.5 %	10.5 %	10.5 %	10.5 %	
Tax rate (EBT)	28.0 %	28.0 %	28.0 %	32.0 %	32.0 %	32.0 %	32.0 %	32.0 %	32.0 %	32.0 %	32.0 %	32.0 %	32.0 %	
NOPAT	86.4	107.8	132.7	134.8	151.7	177.1	205.1	235.5	268.3	303.5	340.9	380.4	388.0	
Depreciation	36.9	42.2	49.9	19.8	21.2	24.8	28.7	33.0	37.6	42.5	47.7	53.3	59.8	
in % of Sales	3.5 %	3.3 %	3.3 %	1.1 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.1 %	
Changes in provisions	-4.9	1.0	1.0	1.9	2.1	2.4	2.6	2.8	3.0	3.3	3.5	3.7	0.7	
Change in Liquidity from														
- Working Capital	33.3	25.3	41.6	42.1	48.3	53.5	58.7	63.9	69.0	73.9	78.6	82.9	16.0	
- Capex	7.8	9.2	10.8	19.8	23.4	27.3	31.6	36.3	41.3	46.8	52.5	58.6	59.8	
Capex in % of Sales	0.7 %	0.7 %	0.7 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	
- Other	28.8	34.6	41.5	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)	48.5	82.0	89.7	94.6	103.4	123.5	146.1	171.1	198.6	228.6	261.0	295.8	372.7	380
PV of FCF	45.9	71.6	72.2	70.2	70.7	77.8	84.8	91.6	98.0	104.0	109.5	114.3	132.8	2,087
share of PVs		5.87 %						29.5	2 %					64.61 %
Model parameter							Valuat	ion (m)						
Derivation of WACC:			Derivation	of Beta:			Preser	nt values 2	035e	1,14	43			
								al Value		2,08				
Debt ratio	8.00 %		Financial S	•		1.14		ial liabilitie			53			
Cost of debt (after tax)	2.4 %		Liquidity (s			1.14		n liabilities	3		13			
Market return	8.25 %		Cyclicality			1.14		capital			0			
Risk free rate	2.75 %		Transpare	ncy		1.14		y interest			0			
			Others			1.14		val. of inv	estments	-	0			
							Liquidi	<u>,</u>			70	No. of sha	. ,	13.8
WACC	8.49 %		Beta			1.14	Equity	Value		3,03	55	Value pe	r share (E	UR) 220.52

#### Sensitivity Value per Share (EUR)

	Ter	rminal G	rowth								Delta EBIT	-margin					
Beta WAC	°	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
<b>1.34</b> 9.5 %	%	169.65	172.98	176.52	180.30	184.34	188.67	193.32	1.34	9.5 %	148.30	158.96	169.63	180.30	190.97	201.64	212.31
<b>1.24</b> 9.0 %	% '	185.99	189.99	194.27	198.86	203.79	209.10	214.83	1.24	9.0 %	164.00	175.62	187.24	198.86	210.48	222.10	233.72
<b>1.19</b> 8.7 %	%	195.05	199.46	204.18	209.26	214.72	220.63	227.02	1.19	8.7 %	172.80	184.95	197.11	209.26	221.41	233.56	245.71
<b>1.14</b> 8.5 %	% 2	204.80	209.67	214.89	220.52	226.59	233.18	240.34	1.14	8.5 %	182.34	195.06	207.79	220.52	233.24	245.97	258.70
<b>1.09</b> 8.2 %	% 2	215.31	220.69	226.48	232.74	239.52	246.89	254.93	1.09	8.2 %	192.69	206.04	219.39	232.74	246.09	259.44	272.79
<b>1.04</b> 8.0 %	% 2	226.67	232.63	239.08	246.06	253.65	261.93	271.00	1.04	8.0 %	203.98	218.00	232.03	246.06	260.08	274.11	288.14
<b>0.94</b> 7.5 %	% 2	252.32	259.73	267.78	276.56	286.18	296.77	308.47	0.94	7.5 %	229.84	245.41	260.99	276.56	292.14	307.71	323.29

Slight EBIT margin expansion anticipated

• Other: IFRS 16 impact in the detailed forecast. Depreciation and capex at same levels thereafter.



#### Valuation 2019 2020 2021 2022 2023e 2024e 2025e Price / Book n.a. 22.2 x 15.2 x 10.2 x 5.7 x 4.0 x 3.0 x -5.54 Book value per share ex intangibles n.a. -5.90 -3.85 -0.90 6.59 14.92 EV / Sales 2.5 x 3.0 x 2.1 x 1.5 x 1.2 x 0.9 x n.a. EV / EBITDA 16.0 x 23.0 x 12.6 x 9.8 x 7.6 x 5.9 x n.a. EV / EBIT 23.8 x 35.4 x 16.4 x 12.8 x 9.7 x 7.5 x n.a. EV / EBIT adj.\* 12.3 x 22.0 x 33.8 x 15.6 x 9.5 x 7.3 x n.a. 32.9 x P / FCF 19.0 x 67.9 x 30.8 x 17.8 x 16.3 x n.a. P / E n.a. 52.6 x 48.9 x 21.8 x 16.9 x 13.4 x 10.7 x P / E adj.\* 52.6 x 48.9 x 21.8 x 16.9 x 13.4 x 10.7 x n.a. **Dividend Yield** n.a. n.a. n.a. n.a. n.a. n.a. n.a. FCF Potential Yield (on market EV) 3.0 % 2.5 % 5.1 % 5.8 % 7.4 % 10.4 % n.a. \*Adjustments made for: -

Company Specific Items							
	2019	2020	2021	2022	2023e	2024e	2025e
gross profit (company reporting) gross margin (company reporting)	129.1 32.1 %	140.2 32.6 %	154.4 28.3 %	247.1 28.9 %	300.6 28.6 %	380.8 30.2 %	452.3 29.9 %

#### **Consolidated profit & loss**

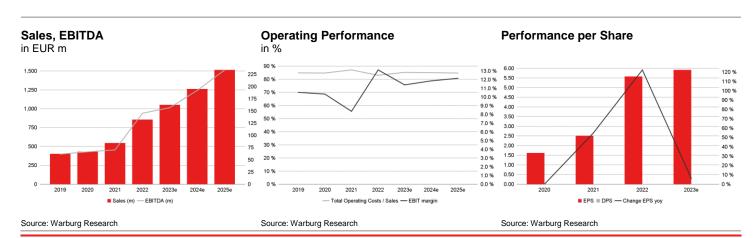


In EUR m	2019	2020	2021	2022	2023e	2024e	2025e
Sales	402.4	430.4	546.0	856.3	1,051.7	1,262.0	1,514.4
Change Sales yoy	40.1 %	6.9 %	26.9 %	56.8 %	22.8 %	20.0 %	20.0 %
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Own work capitalised	0.9	0.3	0.2	0.3	1.9	2.2	2.5
Material expenses	49.1	49.2	59.1	77.0	118.8	147.7	181.7
Personnel expenses	254.7	271.7	373.0	571.1	669.9	788.8	939.0
Other operating income	12.7	11.6	14.8	28.2	8.0	9.0	10.0
Other operating expenses	49.8	53.3	55.5	89.0	110.4	138.8	166.6
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	61.6	66.2	70.3	145.6	156.9	192.0	234.2
Margin	15.3 %	15.4 %	12.9 %	17.0 %	14.9 %	15.2 %	15.5 %
Depreciation of fixed assets	15.7	16.9	19.9	25.5	31.3	37.5	45.1
EBITA	45.9	49.3	50.3	120.1	125.6	154.4	189.1
Amortisation of intangible assets	3.5	4.7	4.7	7.6	5.6	4.7	4.8
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	42.4	44.5	45.7	112.4	120.0	149.7	184.3
Margin	10.5 %	10.3 %	8.4 %	13.1 %	11.4 %	11.9 %	12.2 %
EBIT adj.	45.4	48.0	47.8	117.8	125.0	153.7	188.3
Interest income	0.2	0.5	0.4	0.5	0.2	0.2	0.0
Interest expenses	5.5	7.3	7.8	11.2	7.0	7.0	6.0
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	37.2	37.7	38.2	101.7	113.2	142.9	178.3
Margin	9.2 %	8.8 %	7.0 %	11.9 %	10.8 %	11.3 %	11.8 %
Total taxes	6.8	13.4	8.2	24.4	31.7	40.0	49.9
Net income from continuing operations	30.4	24.4	30.0	77.3	81.5	102.9	128.4
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	30.4	24.4	30.0	77.3	81.5	102.9	128.4
Minority interest	4.9	5.9	0.0	0.0	0.0	0.0	0.0
Net income	25.5	18.4	30.0	77.3	81.5	102.9	128.4
Margin	6.3 %	4.3 %	5.5 %	9.0 %	7.8 %	8.2 %	8.5 %
Number of shares, average	n.a.	11.4	12.0	13.8	13.8	13.8	13.8
EPS	n.a.	1.62	2.51	5.58	5.92	7.48	9.33
EPS adj.	n.a.	1.62	2.51	5.58	5.92	7.48	9.33
*Adjustments made for:							

Guidance: 2023: revenue: EUR 1020m; adj. EBITDA margin: approx. 15%

#### **Financial Ratios**

	2019	2020	2021	2022	2023e	2024e	2025e
Total Operating Costs / Sales	84.9 %	84.7 %	87.2 %	83.0 %	85.3 %	85.0 %	84.7 %
Operating Leverage	3.2 x	0.7 x	0.1 x	2.6 x	0.3 x	1.2 x	1.2 x
EBITDA / Interest expenses	11.2 x	9.1 x	9.0 x	13.0 x	22.4 x	27.4 x	39.0 x
Tax rate (EBT)	18.2 %	35.5 %	21.5 %	24.0 %	28.0 %	28.0 %	28.0 %
Dividend Payout Ratio	n.a.	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Sales per Employee	n.a.						



## **Consolidated balance sheet**

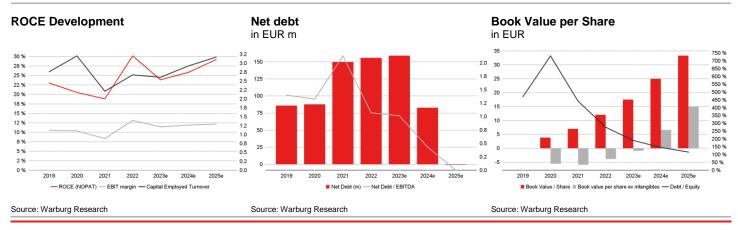
Book value per share ex intangibles



14.9

6.6

Consolidated balance sheet							
In EUR m	2019	2020	2021	2022	2023e	2024e	2025e
Assets							
Goodwill and other intangible assets	111.4	106.9	178.7	217.4	253.3	253.2	253.1
thereof other intangible assets	9.0	11.0	14.0	13.6	13.3	13.2	13.1
thereof Goodwill	102.4	95.9	163.4	202.6	240.0	240.0	240.0
Property, plant and equipment	7.2	6.4	11.1	11.4	15.3	19.9	25.4
Financial assets	2.7	3.0	3.7	4.0	4.0	4.0	4.0
Other long-term assets	54.9	51.7	59.3	52.3	64.5	78.2	94.7
Fixed assets	176.2	168.0	253.0	285.1	337.2	355.3	377.2
Inventories	0.0	0.1	0.3	0.3	0.3	0.4	0.5
Accounts receivable	80.3	73.9	103.3	156.8	242.0	283.5	344.4
Liquid assets	43.8	107.7	106.6	110.2	65.5	142.7	227.2
Other short-term assets	41.7	37.1	61.7	65.8	66.0	77.0	84.0
Current assets	165.8	218.8	271.9	333.0	373.8	503.6	656.1
Total Assets	342.0	386.8	524.9	618.1	711.0	858.9	1,033.3
Liabilities and shareholders' equity							
Shareholders' equity	50.2	43.8	96.8	164.7	241.0	343.9	458.4
Minority interest	9.7	2.7	0.0	0.0	4.0	5.0	20.0
Total equity	59.9	46.5	96.8	164.7	245.0	348.9	478.4
Provisions	25.5	33.2	45.3	55.8	40.0	43.0	46.0
thereof provisions for pensions and similar obligations	4.4	6.0	10.1	12.9	8.0	9.0	10.0
Financial liabilities (total)	125.3	189.5	246.1	253.1	216.5	216.5	216.5
Short-term financial liabilities	5.3	14.4	23.8	11.5	11.5	11.5	11.5
Accounts payable	16.1	22.2	18.5	15.3	54.7	65.7	78.8
Other liabilities	115.1	95.4	118.2	129.3	154.8	184.8	213.5
Liabilities	282.0	340.3	428.0	453.5	466.0	510.0	554.9
Total liabilities and shareholders' equity	342.0	386.8	524.9	618.1	711.0	858.9	1,033.3
Financial Ratios							
	2019	2020	2021	2022	2023e	2024e	2025e
Efficiency of Capital Employment							
Operating Assets Turnover	6.3 x	8.8 x	6.3 x	6.1 x	6.0 x	6.1 x	6.0 x
Capital Employed Turnover	2.8 x	3.2 x	2.2 x	2.7 x	2.6 x	2.9 x	3.2 x
ROA	14.5 %	11.0 %	11.9 %	27.1 %	24.2 %	29.0 %	34.0 %
Return on Capital							
ROCE (NOPAT)	23.0 %	20.5 %	18.8 %	30.2 %	23.9 %	25.8 %	29.2 %
ROE	40.8 %	39.2 %	42.7 %	59.1 %	40.2 %	35.2 %	32.0 %
Adj. ROE	40.8 %	39.2 %	42.7 %	59.1 %	40.2 %	35.2 %	32.0 %
Balance sheet quality							
Net Debt	86.0	87.8	149.7	155.8	159.0	82.9	-0.6
Net Financial Debt	81.6	81.8	139.5	142.9	151.0	73.9	-10.6
Net Gearing	143.4 %	188.7 %	154.6 %	94.6 %	64.9 %	23.7 %	-0.1 %
Net Fin. Debt / EBITDA	132.4 %	123.6 %	198.6 %	98.2 %	96.3 %	38.5 %	n.a.
Book Value / Share	n.a.	3.8	7.0	12.0	17.5	25.0	33.3
Desile services and the second state of the se			5.0	0.0	0.0	0.0	440



-5.5

n.a.

-5.9

-3.9

-0.9

COMMENT

Published 17.04.2023

### **Consolidated cash flow statement**

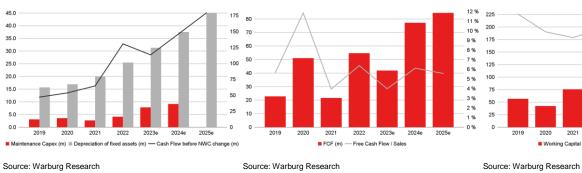


In EUR m	2019	2020	2021	2022	2023e	2024e	2025e
Net income	30.4	24.4	30.0	77.3	81.5	102.9	128.4
Depreciation of fixed assets	15.7	16.9	19.9	25.5	31.3	37.5	45.1
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	3.5	4.7	4.7	7.6	5.6	4.7	4.8
Increase/decrease in long-term provisions	0.4	1.2	1.3	1.9	-4.9	1.0	1.0
Other non-cash income and expenses	-2.9	6.6	8.7	18.4	0.0	0.0	0.0
Cash Flow before NWC change	47.1	53.8	64.5	130.7	113.5	146.2	179.2
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase / decrease in accounts receivable	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase / decrease in accounts payable	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase / decrease in other working capital positions	-6.3	18.4	-20.6	-48.4	-35.0	-25.2	-42.5
Increase / decrease in working capital (total)	-6.3	18.4	-20.6	-48.4	-35.0	-25.2	-42.5
Net cash provided by operating activities [1]	40.9	72.2	44.0	82.3	78.5	120.9	136.7
Investments in intangible assets	-1.3	-1.0	-0.8	-0.6	-1.5	-1.6	-1.7
Investments in property, plant and equipment	-1.8	-2.6	-1.9	-3.5	-6.3	-7.6	-9.1
Payments for acquisitions	-2.9	-7.8	-50.1	-40.4	-20.0	0.0	0.0
Financial investments	-2.5	1.2	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.4	0.1	0.0	0.1	0.0	0.0	0.0
Net cash provided by investing activities [2]	-8.0	-10.1	-52.8	-44.5	-27.8	-9.2	-10.8
Change in financial liabilities	-3.3	23.9	18.2	11.4	-36.5	0.0	0.0
Dividends paid	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Purchase of own shares	0.0	0.0	0.0	-10.0	-30.0	0.0	0.0
Capital measures	0.0	0.1	6.1	0.0	0.0	0.0	0.0
Other	-13.8	-17.5	-24.2	-29.7	-28.8	-34.6	-41.5
Net cash provided by financing activities [3]	-17.1	6.5	0.0	-28.3	-95.3	-34.6	-41.5
Change in liquid funds [1]+[2]+[3]	15.7	68.6	-8.8	9.5	-44.6	77.2	84.5
Effects of exchange-rate changes on cash	0.4	-1.4	0.6	-1.3	0.0	0.0	0.0
Cash and cash equivalent at end of period	44.0	110.9	99.6	114.8	65.5	142.7	227.2

### **Financial Ratios**

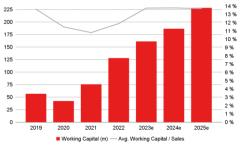
	2019	2020	2021	2022	2023e	2024e	2025e
	2019	2020	2021	2022	20236	20246	20256
Cash Flow							
FCF	22.8	51.0	21.6	54.7	41.9	77.2	84.5
Free Cash Flow / Sales	5.7 %	11.9 %	4.0 %	6.4 %	4.0 %	6.1 %	5.6 %
Free Cash Flow Potential	51.7	31.6	39.7	93.6	88.6	108.2	142.7
Free Cash Flow / Net Profit	89.4 %	276.6 %	72.1 %	70.7 %	51.4 %	75.0 %	65.8 %
Interest Received / Avg. Cash	0.6 %	0.7 %	0.4 %	0.5 %	0.2 %	0.2 %	0.0 %
Interest Paid / Avg. Debt	5.0 %	4.6 %	3.6 %	4.5 %	3.0 %	3.2 %	2.8 %
Management of Funds							
Investment ratio	0.8 %	0.8 %	0.5 %	0.5 %	0.7 %	0.7 %	0.7 %
Maint. Capex / Sales	0.8 %	0.8 %	0.5 %	0.5 %	0.7 %	0.7 %	0.0 %
Capex / Dep	16.1 %	16.5 %	10.9 %	12.5 %	21.2 %	21.7 %	21.6 %
Avg. Working Capital / Sales	13.6 %	11.5 %	10.8 %	11.9 %	13.8 %	13.8 %	13.7 %
Trade Debtors / Trade Creditors	500.3 %	332.8 %	559.6 %	1028.2 %	442.4 %	431.5 %	437.1 %
Inventory Turnover	5452.4 x	387.1 x	219.6 x	291.6 x	396.1 x	369.1 x	363.5 x
Receivables collection period (days)	73	63	69	67	84	82	83
Payables payment period (days)	119	165	114	72	168	162	158
Cash conversion cycle (Days)	-103	-172	-102	-70	-164	-157	-150

# CAPEX and Cash Flow in EUR m



**Free Cash Flow Generation** 

#### Working Capital



COMMENT

Published 17.04.2023



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-S-	Sell:	The price of the analysed financial instrument is expected to fall over the next 12 months.
<u>"</u> "	Rating suspended:	The available information currently does not permit an evaluation of the company.

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

Rating	Number of stocks	% of Universe
Buy	160	75
Hold	44	21
Sell	7	3
Rating suspended	3	1
Total	214	100

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

... taking into account only those companies which were provided with major investment services in the last twelve months.

Rating	Number of stocks	% of Universe
Buy	44	85
Hold	7	13
Sell	0	0
Rating suspended	1	2
Total	52	100

#### PRICE AND RATING HISTORY NAGARRO AS OF 17.04.2023



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WARBURG RESEARCH

EQUITIES Matthias Rode Head of Equities RESEARCH Michael Heider Head of Research Henner Rüschmeier	+49 40 3282-2678 mrode@mmwarburg.com +49 40 309537-280		
Head of Equities RESEARCH Michael Heider Head of Research Henner Rüschmeier	mrode@mmwarburg.com		
Michael Heider Head of Research Henner Rüschmeier	. 40 40 200527 200		
Head of Research Henner Rüschmeier	40 40 200527 200		
	mheider@warburg-research.com	Thilo Kleibauer Retail, Consumer Goods	+49 40 309537-25 tkleibauer@warburg-research.cor
Head of Research	+49 40 309537-270 hrueschmeier@warburg-research.com	Hannes Müller Software, IT	+49 40 309537-25 hmueller@warburg-research.cor
<b>Stefan Augustin</b> Cap. Goods, Engineering	+49 40 309537-168 saugustin@warburg-research.com	Andreas Pläsier Banks, Financial Services	+49 40 309537-24 aplaesier@warburg-research.cor
<b>Jan Bauer</b> Renewables	+49 40 309537-155 jbauer@warburg-research.com	Malte Schaumann Technology	+49 40 309537-17 mschaumann@warburg-research.cor
Christian Cohrs Industrials & Transportation	+49 40 309537-175 ccohrs@warburg-research.com	Oliver Schwarz Chemicals, Agriculture	+49 40 309537-25 oschwarz@warburg-research.cor
<b>Dr. Christian Ehmann</b> BioTech, Life Science	+49 40 309537-167 cehmann@warburg-research.com	Simon Stippig Real Estate, Telco	+49 40 309537-26 sstippig@warburg-research.cor
Felix Ellmann Software, IT	+49 40 309537-120 fellmann@warburg-research.com	Cansu Tatar Cap. Goods, Engineering	+49 40 309537-24 ctatar@warburg-research.cor
<b>Jörg Philipp Frey</b> Retail, Consumer Goods	+49 40 309537-258 jfrey@warburg-research.com	Marc-René Tonn Automobiles, Car Suppliers	+49 40 309537-25 mtonn@warburg-research.cor
Marius Fuhrberg Financial Services Mustafa Hidir	+49 40 309537-185 mfuhrberg@warburg-research.com +49 40 309537-230	Robert-Jan van der Horst Technology Andreas Wolf	+49 40 309537-29 rvanderhorst@warburg-research.cor +49 40 309537-14
Automobiles, Car Suppliers Fabio Hölscher	mhidir@warburg-research.com +49 40 309537-240	Software, IT	awolf@warburg-research.cor
Automobiles, Car Suppliers Philipp Kaiser	fhoelscher@warburg-research.com +49 40 309537-260		
	pkaiser@warburg-research.com		
INSTITUTIONAL EQUITY SA Marc Niemann	+49 40 3282-2660	Christenher Seederf	+49 40 3282-269
Head of Equity Sales, Germany	mniemann@mmwarburg.com	Christopher Seedorf Switzerland	cseedorf@mmwarburg.coi
Klaus Schilling	+49 69 5050-7400		
Head of Equity Sales, Germany <b>Tim Beckmann</b>	kschilling@mmwarburg.com +49 40 3282-2665		
United Kingdom	tbeckmann@mmwarburg.com		
Lea Bogdanova	+49 69 5050-7411		
United Kingdom, Ireland	lbogdanova@mmwarburg.com		
Jens Buchmüller Scandinavia. Austria	+49 69 5050-7415 jbuchmueller@mmwarburg.com		
Matthias Fritsch	+49 40 3282-2696		
United Kingdom	mfritsch@mmwarburg.com		
<b>Maximilian Martin</b> Austria, Poland	+49 69 5050-7413 mmartin@mmwarburg.com	Juliane Niemann Roadshow/Marketing	+49 40 3282-269 jniemann@mmwarburg.cor
SALES TRADING			
Oliver Merckel	+49 40 3282-2634	Jan-Philip Schmidt	+49 40 3282-268
Head of Sales Trading	omerckel@mmwarburg.com	Sales Trading	jschmidt@mmwarburg.cor
Elyaz Dust	+49 40 3282-2702	Sebastian Schulz	+49 40 3282-263
Sales Trading <b>Marcel Magiera</b>	edust@mmwarburg.com +49 40 3282-2662	Sales Trading Jörg Treptow	sschulz@mmwarburg.cor +49 40 3282-265
Sales Trading	mmagiera@mmwarburg.com	Sales Trading	jtreptow@mmwarburg.cor
Bastian Quast Sales Trading	+49 40 3282-2701 bquast@mmwarburg.com		
MACRO RESEARCH			
Carsten Klude	+49 40 3282-2572 cklude@mmwarburg.com	Dr. Christian Jasperneite Investment Strategy	+49 40 3282-243 cjasperneite@mmwarburg.cor
Macro Research	under:		
Macro Research Our research can be found u	under: rch.mmwarburg.com/en/index.html	Refinitiv	www.refinitiv.cor
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