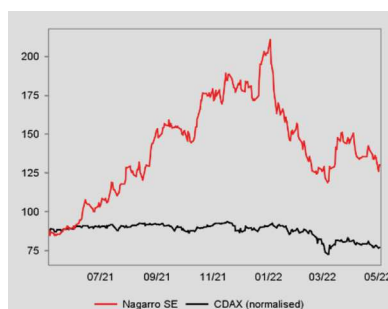


Buy EUR 230.00 (EUR 200.00) Price EUR 130.40 Upside 76.4 %	Value Indicators: EUR DCF: 233.00	Warburg ESG Risk Score: 3.0 ESG Score (MSCI based): 3.0 Balance Sheet Score: 4.0 Market Liquidity Score: 2.0	Description: Custom software and digital engineering
	Market Snapshot: EUR m Market cap: 1,809.1 No. of shares (m): 13.9 EV: 1,902.7 Freefloat MC: 1,271.8 Ø Trad. Vol. (30d): 2.84 m	Shareholders: Freefloat 70.30 % Carl G. Duerschmidt 20.00 % Detlef Dinsel 9.70 %	Key Figures (WRe): 2022e Beta: 1.1 Price / Book: 12.8 x Equity Ratio: 25 % Net Fin. Debt / EBITDA: 0.8 x Net Debt / EBITDA: 0.9 x

Dynamic growth looks set to continue

- Nagarro's recently published annual report confirmed preliminary results. On April 20, management increased its guidance to reflect the strong demand and is now expecting revenues of approx. EUR 770m at an unchanged gross margin of approx. 28% and adjusted EBITDA margin of approx. 14%. In our view, an extrapolation of the Q4 momentum might lead to even faster growth than reflected in the guidance.
- In Q4, Nagarro's business in Automotive, Industrial and Manufacturing soared by 92%, Management Consulting and Business Information grew also strongly by 90.3%. Financial Services and Insurance, recorded the third-fastest pace of growth, expanding by 75.6% in the fourth quarter. To maintain the high pace of growth, it remains crucial to attract IT talent. In 2021, Nagarro raised the number of employees by 58% to 13,684, of which 12,613 are IT engineers (+61% yoy). In 2021, the strongest expansion took place in India where the number of IT professionals increased from 5,368 to 9,603. Nevertheless, the expansion of the employee base is also continuing, e.g. Nagarro set up two new subsidiaries, in Ecuador and Colombia, to tap into the engineering talent available there.
- Nagarro maintains strong client relationships: The total number of clients with whom Nagarro generates more than EUR 10m of business p.a. rose in 2021 to 10 from six in 2020. The average length of the client relationships was 11.3 years, reflecting high customer satisfaction (94.5% in 2021) and the repeat character of Nagarro's business. At the same time, client diversification remains high with the top five clients accounting for 14% of sales in 2021. M&A remains on the agenda as part of the corporate strategy. Takeovers are likely to be of a bolt-on nature rather than transformative. The primary goal is to acquire client access, in order to better leverage existing capabilities and use cases.
- Estimates have been raised to reflect Nagarro's strong operative momentum. We have also made changes to our valuation to reflect the central banks' changing interest-rate policies, i.e. the risk-free interest rate has been raised to 2% (from 1.5%) with an unchanged equity risk premium of 5.5%.
- All in all, the PT derived from the DCF model has been raised to **EUR 230. The Buy rating is confirmed.**

Changes in Estimates:				Comment on Changes:			
FY End: 31.12. in EUR m	2022e (old)	+ / -	2023e (old)	+ / -	2024e (old)	+ / -	
Sales	700.0	10.0 %	861.0	10.0 %	n.a.	n.m.	<ul style="list-style-type: none"> Estimates raised to reflect buoyant demand which is also mirrored in the recent increase in the guidance for 2022. The extrapolation of Nagarro's Q4 momentum would lead to a beat of the raised guidance.
EBITDA adj.	101.2	9.1 %	135.2	10.7 %	n.a.	n.m.	
EBITDA	95.2	9.6 %	129.2	9.7 %	n.a.	n.m.	
EBIT	59.9	10.5 %	88.2	10.1 %	n.a.	n.m.	
EPS	2.77	11.2 %	4.25	10.4 %	n.a.	n.m.	

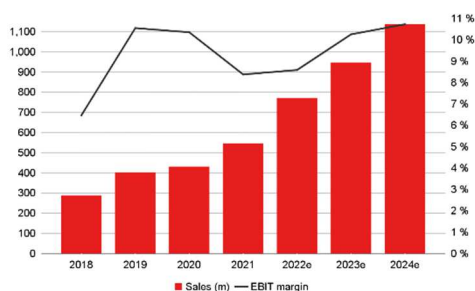


Rel. Performance vs CDAX:	
1 month:	-7.8 %
6 months:	-10.0 %
Year to date:	-20.6 %
Trailing 12 months:	57.5 %

Company events:	
13.05.22	Q1
12.08.22	Q2
14.11.22	Q3

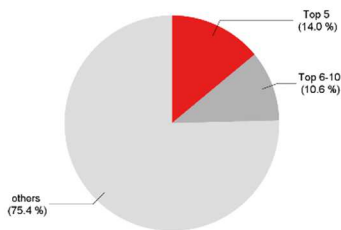
FY End: 31.12. in EUR m	CAGR (21-24e)	2018	2019	2020	2021	2022e	2023e	2024e
Sales	27.7 %	287.3	402.4	430.4	546.0	770.0	947.1	1,136.5
Change Sales yoy		36.5 %	40.1 %	6.9 %	26.9 %	41.0 %	23.0 %	20.0 %
gross margin (company reporting)		31.3 %	32.1 %	32.6 %	28.3 %	27.6 %	28.6 %	30.2 %
EBITDA adj.		34.3	55.0	76.2	79.7	110.4	149.7	182.4
Margin		12.0 %	13.7 %	17.7 %	14.6 %	14.3 %	15.8 %	16.0 %
EBITDA	35.1 %	32.3	61.6	66.2	70.3	104.4	141.7	173.4
Margin		11.2 %	15.3 %	15.4 %	12.9 %	13.6 %	15.0 %	15.3 %
EBIT	38.7 %	18.6	42.4	44.5	45.7	66.2	97.1	121.9
Margin		6.5 %	10.5 %	10.3 %	8.4 %	8.6 %	10.3 %	10.7 %
Net income before minorities		8.2	30.4	24.4	30.0	42.7	65.0	82.9
Net income	40.3 %	6.9	25.5	18.4	30.0	42.7	65.0	82.9
EPS	33.5 %	n.a.	n.a.	n.a.	2.51	3.08	4.69	5.97
FCFPS		n.a.	n.a.	n.a.	1.81	3.95	3.52	4.40
FCF / Market cap		n.a.	n.a.	n.a.	1.5 %	3.0 %	2.7 %	3.4 %
EV / Sales		n.a.	n.a.	n.a.	3.0 x	2.5 x	2.0 x	1.6 x
EV / EBIT adj.		n.a.	n.a.	n.a.	33.8 x	26.4 x	18.2 x	14.3 x
EV / EBIT		n.a.	n.a.	n.a.	35.4 x	28.8 x	19.1 x	14.7 x
P / E		n.a.	n.a.	n.a.	48.9 x	42.3 x	27.8 x	21.8 x
Net Debt		67.4	86.0	87.8	149.7	93.7	47.9	-12.1
ROCE (NOPAT)		8.9 %	23.0 %	20.5 %	18.8 %	19.7 %	28.3 %	32.8 %
Guidance:		2022: revenue: EUR 770m; adj. EBITDA margin: approx. 14%						

Sales development in EUR m



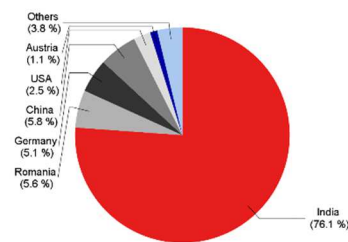
Source: Warburg Research

Customer split 2021



Source: Company

IT engineers by region 2021



Source: Warburg Research

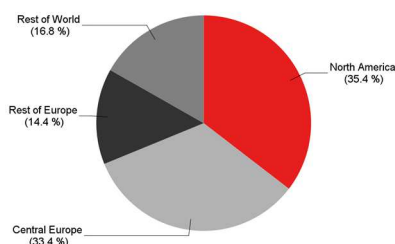
Company Background

- 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 approx. 8,000 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.

Sales by segments 2021; in %



Source: Warburg Research

DCF model

Figures in EUR m	Detailed forecast period			Transitional period										Term. Value
	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	
Sales	770.0	947.1	1,136.5	1,363.8	1,620.2	1,906.5	2,223.3	2,570.4	2,947.7	3,354.4	3,789.5	4,251.5	4,336.5	
Sales change	41.0 %	23.0 %	20.0 %	20.0 %	18.8 %	17.7 %	16.6 %	15.6 %	14.7 %	13.8 %	13.0 %	12.2 %	2.0 %	2.0 %
EBIT	66.2	97.1	121.9	143.2	170.1	200.2	233.4	269.9	309.5	352.2	397.9	446.4	455.3	
EBIT-margin	8.6 %	10.3 %	10.7 %	10.5 %	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	47.6	69.9	87.8	97.4	115.7	136.1	158.7	183.5	210.5	239.5	270.6	303.6	309.6	
Depreciation	38.2	44.6	51.5	15.0	16.2	19.1	22.2	25.7	29.5	33.5	37.9	42.5	47.7	
in % of Sales	5.0 %	4.7 %	4.5 %	1.1 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.0 %	1.1 %	
Changes in provisions	-3.1	1.0	1.0	1.8	2.0	2.3	2.5	2.7	3.0	3.2	3.4	3.7	0.7	
Change in Liquidity from														
- Working Capital	4.4	23.7	27.1	12.4	26.9	30.1	33.3	36.5	39.6	42.7	45.7	48.5	8.9	
- Capex	5.9	7.2	8.4	15.0	17.8	21.0	24.5	28.3	32.4	36.9	41.7	46.8	47.7	
Capex in % of Sales	0.8 %	0.8 %	0.7 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	1.1 %	
- Other	27.7	34.1	40.9	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)	44.7	50.6	63.9	86.8	89.2	106.4	125.8	147.3	170.9	196.7	224.5	254.5	301.4	307
PV of FCF	44.7	47.0	55.2	69.7	66.6	74.0	81.3	88.5	95.5	102.1	108.4	114.2	125.8	2,312
share of PVs	4.34 %			27.36 %										68.30 %

Model parameter

Derivation of WACC:		Derivation of Beta:	
Debt ratio	7.00 %	Financial Strength	1.00
Cost of debt (after tax)	2.4 %	Liquidity (share)	1.10
Market return	7.50 %	Cyclicality	1.10
Risk free rate	2.00 %	Transparency	1.10
		Others	1.10
WACC	7.55 %	Beta	1.08

Valuation (m)

Present values 2034e	1,073		
Terminal Value	2,312		
Financial liabilities	246		
Pension liabilities	10		
Hybrid capital	0		
Minority interest	0		
Market val. of investments	0		
Liquidity	107	No. of shares (m)	13.9
Equity Value	3,235	Value per share (EUR)	233.22

Sensitivity Value per Share (EUR)

Beta	WACC	Terminal Growth							Beta	WACC	Delta EBIT-margin						
		1.25 %	1.50 %	1.75 %	2.00 %	2.25 %	2.50 %	2.75 %			-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.28	8.6 %	175.06	179.08	183.39	188.04	193.05	198.48	204.38	1.28	8.6 %	156.84	167.24	177.64	188.04	198.44	208.84	219.24
1.18	8.1 %	192.72	197.63	202.93	208.66	214.90	221.69	229.12	1.18	8.1 %	174.38	185.81	197.24	208.66	220.09	231.52	242.95
1.13	7.8 %	202.63	208.08	213.98	220.39	227.37	235.01	243.41	1.13	7.8 %	184.35	196.36	208.38	220.39	232.40	244.41	256.42
1.08	7.6 %	213.38	219.44	226.03	233.22	241.07	249.71	259.25	1.08	7.6 %	195.27	207.92	220.57	233.22	245.86	258.51	271.16
1.03	7.3 %	225.07	231.84	239.23	247.31	256.20	266.00	276.89	1.03	7.3 %	207.27	220.62	233.97	247.31	260.66	274.01	287.35
0.98	7.1 %	237.83	245.42	253.73	262.87	272.95	284.15	296.64	0.98	7.1 %	220.51	234.63	248.75	262.87	276.99	291.10	305.22
0.88	6.6 %	267.14	276.81	287.47	299.32	312.53	327.38	344.18	0.88	6.6 %	251.55	267.47	283.39	299.32	315.24	331.16	347.08

- Slight EBIT margin expansion anticipated
- Other: IFRS 16 impact in the detailed forecast. Depreciation and capex at same levels thereafter.

Valuation	2018	2019	2020	2021	2022e	2023e	2024e
Price / Book	n.a.	n.a.	n.a.	15.2 x	12.8 x	8.9 x	6.3 x
Book value per share ex intangibles	n.a.	n.a.	n.a.	-5.90	-2.64	1.96	7.94
EV / Sales	n.a.	n.a.	n.a.	3.0 x	2.5 x	2.0 x	1.6 x
EV / EBITDA	n.a.	n.a.	n.a.	23.0 x	18.2 x	13.1 x	10.4 x
EV / EBIT	n.a.	n.a.	n.a.	35.4 x	28.8 x	19.1 x	14.7 x
EV / EBIT adj.*	n.a.	n.a.	n.a.	33.8 x	26.4 x	18.2 x	14.3 x
P / FCF	n.a.	n.a.	n.a.	67.9 x	33.0 x	37.1 x	29.6 x
P / E	n.a.	n.a.	n.a.	48.9 x	42.3 x	27.8 x	21.8 x
P / E adj.*	n.a.	n.a.	n.a.	48.9 x	42.3 x	27.8 x	21.8 x
Dividend Yield	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCF Potential Yield (on market EV)	n.a.	n.a.	n.a.	2.5 %	2.8 %	4.0 %	5.1 %

*Adjustments made for: -

Company Specific Items	2018	2019	2020	2021	2022e	2023e	2024e
gross profit (company reporting)	89.9	129.1	140.2	154.4	212.9	270.9	343.2
gross margin (company reporting)	31.3 %	32.1 %	32.6 %	28.3 %	27.6 %	28.6 %	30.2 %

Consolidated profit & loss

In EUR m	2018	2019	2020	2021	2022e	2023e	2024e
Sales	287.3	402.4	430.4	546.0	770.0	947.1	1,136.5
Change Sales yoy	36.5 %	40.1 %	6.9 %	26.9 %	41.0 %	23.0 %	20.0 %
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Own work capitalised	0.5	0.9	0.3	0.2	1.5	1.9	2.2
Material expenses	39.9	49.1	49.2	59.1	87.8	107.0	133.0
Personnel expenses	179.8	254.7	271.7	373.0	500.5	603.3	710.3
Other operating income	2.4	12.7	11.6	14.8	7.0	8.0	9.0
Other operating expenses	37.4	49.8	53.3	55.5	80.9	99.4	125.0
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	32.3	61.6	66.2	70.3	104.4	141.7	173.4
<i>Margin</i>	<i>11.2 %</i>	<i>15.3 %</i>	<i>15.4 %</i>	<i>12.9 %</i>	<i>13.6 %</i>	<i>15.0 %</i>	<i>15.3 %</i>
Depreciation of fixed assets	10.4	15.7	16.9	19.9	31.7	39.0	46.8
EBITA	21.9	45.9	49.3	50.3	72.7	102.7	126.6
Amortisation of intangible assets	3.3	3.5	4.7	4.7	6.5	5.6	4.7
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	18.6	42.4	44.5	45.7	66.2	97.1	121.9
<i>Margin</i>	<i>6.5 %</i>	<i>10.5 %</i>	<i>10.3 %</i>	<i>8.4 %</i>	<i>8.6 %</i>	<i>10.3 %</i>	<i>10.7 %</i>
EBIT adj.	20.8	45.4	48.0	47.8	72.2	102.1	125.9
Interest income	0.5	0.2	0.5	0.4	0.2	0.2	0.2
Interest expenses	4.6	5.5	7.3	7.8	7.0	7.0	7.0
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	14.4	37.2	37.7	38.2	59.4	90.3	115.1
<i>Margin</i>	<i>5.0 %</i>	<i>9.2 %</i>	<i>8.8 %</i>	<i>7.0 %</i>	<i>7.7 %</i>	<i>9.5 %</i>	<i>10.1 %</i>
Total taxes	6.2	6.8	13.4	8.2	16.6	25.3	32.2
Net income from continuing operations	8.2	30.4	24.4	30.0	42.7	65.0	82.9
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	8.2	30.4	24.4	30.0	42.7	65.0	82.9
Minority interest	1.3	4.9	5.9	0.0	0.0	0.0	0.0
Net income	6.9	25.5	18.4	30.0	42.7	65.0	82.9
<i>Margin</i>	<i>2.4 %</i>	<i>6.3 %</i>	<i>4.3 %</i>	<i>5.5 %</i>	<i>5.6 %</i>	<i>6.9 %</i>	<i>7.3 %</i>
Number of shares, average	n.a.	n.a.	n.a.	12.0	13.9	13.9	13.9
EPS	n.a.	n.a.	n.a.	2.51	3.08	4.69	5.97
EPS adj.	n.a.	n.a.	n.a.	2.51	3.08	4.69	5.97

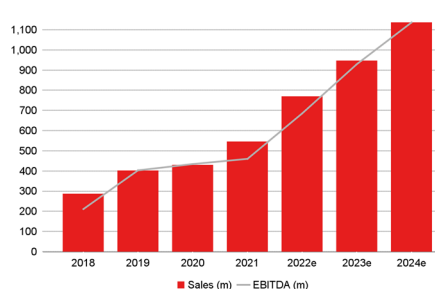
*Adjustments made for:

Guidance: 2022: revenue: EUR 770m; adj. EBITDA margin: approx. 14%

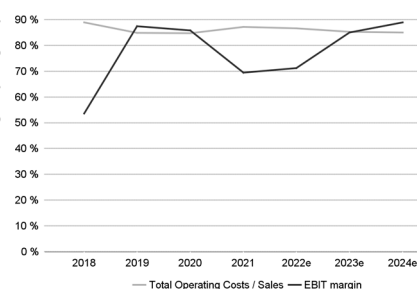
Financial Ratios

	2018	2019	2020	2021	2022e	2023e	2024e
Total Operating Costs / Sales	88.9 %	84.9 %	84.7 %	87.2 %	86.6 %	85.2 %	84.9 %
Operating Leverage	1.8 x	3.2 x	0.7 x	0.1 x	1.1 x	2.0 x	1.3 x
EBITDA / Interest expenses	7.0 x	11.2 x	9.1 x	9.0 x	14.9 x	20.2 x	24.8 x
Tax rate (EBT)	43.3 %	18.2 %	35.5 %	21.5 %	28.0 %	28.0 %	28.0 %
Dividend Payout Ratio	n.a.	n.a.	n.a.	0.0 %	0.0 %	0.0 %	0.0 %
Sales per Employee	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

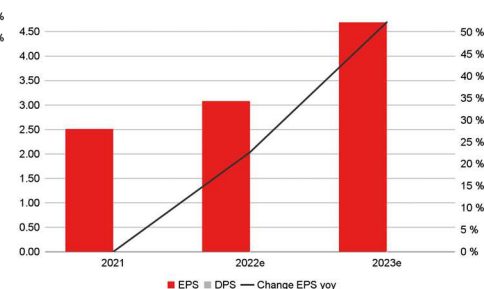
Sales, EBITDA
in EUR m



Operating Performance
in %



Performance per Share



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

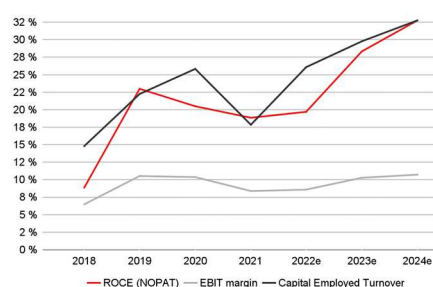
Consolidated balance sheet

In EUR m	2018	2019	2020	2021	2022e	2023e	2024e
Assets							
Goodwill and other intangible assets	107.7	111.4	106.9	178.7	177.9	177.2	176.6
thereof other intangible assets	10.2	9.0	11.0	15.3	14.5	13.8	13.2
thereof Goodwill	97.5	102.4	95.9	163.4	163.4	163.4	163.4
Property, plant and equipment	6.7	7.2	6.4	11.1	11.8	12.6	13.6
Financial assets	3.4	2.7	3.0	3.7	3.7	3.7	3.7
Other long-term assets	47.3	54.9	51.7	59.3	84.5	104.8	126.6
Fixed assets	165.0	176.2	168.0	253.0	277.9	298.3	320.4
Inventories	0.1	0.0	0.1	0.3	0.2	0.3	0.4
Accounts receivable	75.0	80.3	73.9	103.3	139.2	176.4	218.0
Liquid assets	27.9	43.8	107.7	106.6	123.2	169.9	231.0
Other short-term assets	29.1	41.7	37.1	61.7	47.5	52.0	59.0
Current assets	132.1	165.8	218.8	271.9	310.1	398.6	508.4
Total Assets	297.1	342.0	386.8	524.9	587.9	697.0	828.8
Liabilities and shareholders' equity							
Shareholders' equity	74.5	50.2	43.8	96.8	141.2	204.3	286.7
Minority interest	14.4	9.7	2.7	0.0	3.0	4.0	5.0
Total equity	88.9	59.9	46.5	96.8	144.2	208.3	291.7
Provisions	20.9	25.5	33.2	45.3	37.0	40.0	43.0
thereof provisions for pensions and similar obligations	3.2	4.4	6.0	10.1	7.0	8.0	9.0
Financial liabilities (total)	92.1	125.3	189.5	246.1	209.9	209.9	209.9
Short-term financial liabilities	5.7	5.3	14.4	23.8	23.8	23.8	23.8
Accounts payable	17.4	16.1	22.2	18.5	40.1	49.3	59.2
Other liabilities	77.8	115.1	95.4	118.2	156.7	189.5	225.0
Liabilities	208.2	282.0	340.3	428.0	443.7	488.7	537.1
Total liabilities and shareholders' equity	297.1	342.0	386.8	524.9	587.9	697.0	828.8

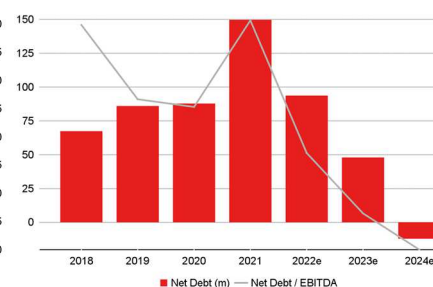
Financial Ratios

	2018	2019	2020	2021	2022e	2023e	2024e
Efficiency of Capital Employment							
Operating Assets Turnover	4.8 x	6.3 x	8.8 x	6.3 x	8.4 x	8.1 x	7.9 x
Capital Employed Turnover	1.8 x	2.8 x	3.2 x	2.2 x	3.2 x	3.7 x	4.1 x
ROA	4.2 %	14.5 %	11.0 %	11.9 %	15.4 %	21.8 %	25.9 %
Return on Capital							
ROCE (NOPAT)	8.9 %	23.0 %	20.5 %	18.8 %	19.7 %	28.3 %	32.8 %
ROE	13.4 %	40.8 %	39.2 %	42.7 %	35.9 %	37.7 %	33.8 %
Adj. ROE	13.4 %	40.8 %	39.2 %	42.7 %	35.9 %	37.7 %	33.8 %
Balance sheet quality							
Net Debt	67.4	86.0	87.8	149.7	93.7	47.9	-12.1
Net Financial Debt	64.2	81.6	81.8	139.5	86.7	39.9	-21.1
Net Gearing	75.8 %	143.4 %	188.7 %	154.6 %	65.0 %	23.0 %	-4.2 %
Net Fin. Debt / EBITDA	198.8 %	132.4 %	123.6 %	198.6 %	83.1 %	28.2 %	n.a.
Book Value / Share	n.a.	n.a.	n.a.	7.0	10.2	14.7	20.7
Book value per share ex intangibles	n.a.	n.a.	n.a.	-5.9	-2.6	2.0	7.9

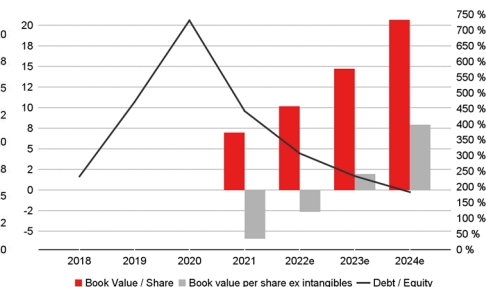
ROCE Development



Net debt in EUR m



Book Value per Share in EUR



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

Consolidated cash flow statement

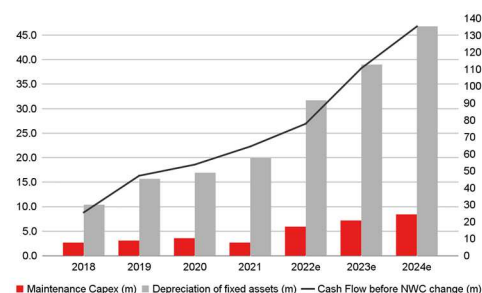
In EUR m	2018	2019	2020	2021	2022e	2023e	2024e
Net income	8.2	30.4	24.4	30.0	42.7	65.0	82.9
Depreciation of fixed assets	10.4	15.7	16.9	19.9	31.7	39.0	46.8
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	3.3	3.5	4.7	4.7	6.5	5.6	4.7
Increase/decrease in long-term provisions	0.6	0.4	1.2	1.3	-3.1	1.0	1.0
Other non-cash income and expenses	3.1	-2.9	6.6	8.7	0.0	0.0	0.0
Cash Flow before NWC change	25.6	47.1	53.8	64.5	77.8	110.6	135.4
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	-17.0	-6.3	18.4	-20.6	10.7	-20.6	-25.0
Increase / decrease in working capital (total)	-17.0	-6.3	18.4	-20.6	10.7	-20.6	-25.0
Net cash provided by operating activities [1]	8.6	40.9	72.2	44.0	88.5	90.1	110.4
Investments in intangible assets	0.0	-1.3	-1.0	-0.8	-1.3	-1.5	-1.6
Investments in property, plant and equipment	-2.7	-1.8	-2.6	-1.9	-4.6	-5.7	-6.8
Payments for acquisitions	5.0	-2.9	-7.8	-50.1	-2.0	-2.0	0.0
Financial investments	0.4	-2.5	1.2	0.0	0.0	0.0	0.0
Income from asset disposals	0.0	0.4	0.1	0.0	0.0	0.0	0.0
Net cash provided by investing activities [2]	2.7	-8.0	-10.1	-52.8	-7.9	-9.2	-8.4
Change in financial liabilities	4.3	-3.3	23.9	18.2	-36.3	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	0.0	0.0	0.0	0.0
Capital measures	0.0	0.0	0.1	6.1	0.0	0.0	0.0
Other	-8.1	-13.8	-17.5	-24.2	-27.7	-34.1	-40.9
Net cash provided by financing activities [3]	-3.9	-17.1	6.5	0.0	-64.0	-34.1	-40.9
Change in liquid funds [1]+[2]+[3]	7.5	15.7	68.6	-8.8	16.6	46.8	61.1
Effects of exchange-rate changes on cash	0.4	0.4	-1.4	0.6	0.0	0.0	0.0
Cash and cash equivalent at end of period	24.4	44.0	110.9	99.6	123.2	169.9	231.0

Financial Ratios

	2018	2019	2020	2021	2022e	2023e	2024e
Cash Flow							
FCF	-3.9	22.8	51.0	21.6	54.9	48.8	61.1
Free Cash Flow / Sales	-1.3 %	5.7 %	11.9 %	4.0 %	7.1 %	5.1 %	5.4 %
Free Cash Flow Potential	23.4	36.8	31.6	39.7	54.1	75.1	91.8
Free Cash Flow / Net Profit	-56.5 %	89.4 %	276.6 %	72.1 %	128.3 %	75.0 %	73.7 %
Interest Received / Avg. Cash	2.1 %	0.6 %	0.7 %	0.4 %	0.2 %	0.1 %	0.1 %
Interest Paid / Avg. Debt	6.0 %	5.0 %	4.6 %	3.6 %	3.1 %	3.3 %	3.3 %
Management of Funds							
Investment ratio	0.9 %	0.8 %	0.8 %	0.5 %	0.8 %	0.8 %	0.7 %
Maint. Capex / Sales	0.9 %	0.8 %	0.8 %	0.5 %	0.8 %	0.8 %	0.7 %
Capex / Dep	19.4 %	16.1 %	16.5 %	10.9 %	15.5 %	16.1 %	16.4 %
Avg. Working Capital / Sales	15.5 %	13.6 %	11.5 %	10.8 %	10.1 %	9.7 %	10.3 %
Trade Debtors / Trade Creditors	431.9 %	500.3 %	332.8 %	559.6 %	347.1 %	357.8 %	368.2 %
Inventory Turnover	398.7 x	5452.4 x	387.1 x	219.6 x	438.9 x	356.7 x	332.4 x
Receivables collection period (days)	95	73	63	69	66	68	70
Payables payment period (days)	159	119	165	114	167	168	162
Cash conversion cycle (Days)	-106	-103	-172	-102	-180	-180	-169

CAPEX and Cash Flow

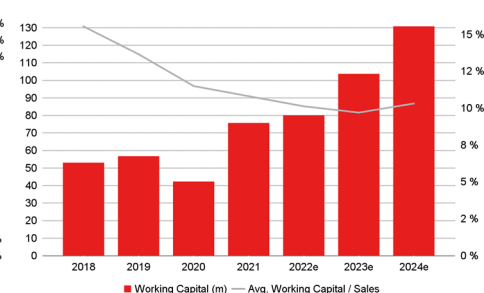
in EUR m



Free Cash Flow Generation



Working Capital



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

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Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
Nagarro	4, 5	http://www.mmwarburg.com/disclaimer/disclaimer_en/DE000A3H2200.htm

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Investment recommendation: expected direction of the share price development of the financial instrument up to the given price target in the opinion of the analyst who covers this financial instrument.

-B-	Buy:	The price of the analysed financial instrument is expected to rise 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.
-S-	Sell:	The price of the analysed financial instrument is expected to fall over the next 12 months.
“-“	Rating suspended:	The available information currently does not permit an evaluation of the company.

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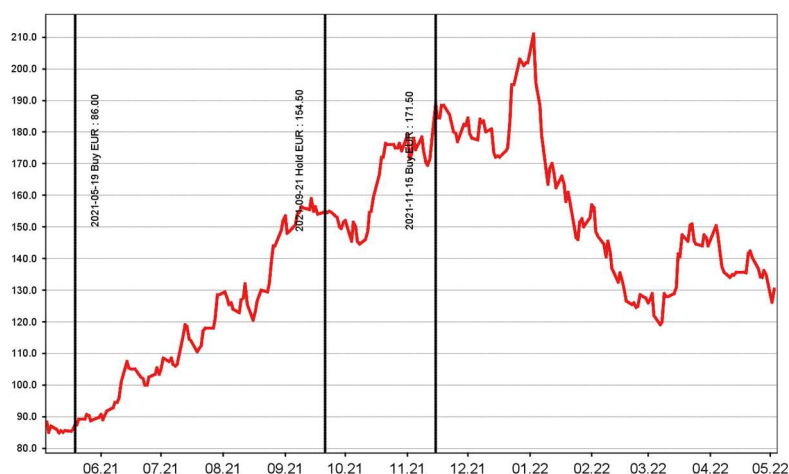
Rating	Number of stocks	% of Universe
Buy	171	81
Hold	35	17
Sell	3	1
Rating suspended	2	1
Total	211	100

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	51	86
Hold	6	10
Sell	0	0
Rating suspended	2	3
Total	59	100

PRICE AND RATING HISTORY NAGARRO AS OF 04.05.2022



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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