Chemicals / Specialty Chemicals - Germany



by Hauck Aufhäuser Lampe

Buy (old: Buy) 08.03.2023 **EUR 36.00** (old: EUR 36.00)

Strong Q4 prelims // cautious 2023 guidance; chg

Topic: Nabaltec released Q4 prelims, exceeding expectations on EBIT and reaching the upper ends of its FY guidance. For 2023, management is cautious due to risen costs and partially weakening demand.

Q4 sales increased by 11.2% yoy to € 51.6m (eNuW € 51.4m, eCons € 52.4m) on the back of positive price effects, which overcompensate for lower sales volumes of ATH, as customers begun reducing inventories and for a weaker boehmite business. While Specialty Alumina grew by 27% yoy, Functional Fillers showed only 5% yoy growth. FY22 sales grew by 17% yoy to € 218.8m, reaching the upper end of the guidance range (13-17%). FY sales volumes of boehmite decreased by roughly 1.5kt to 5.5kt.

Q4 EBIT came in at € 5.5m (eNuW € 4.5m, eCons € 3.4m) a 26% yoy decline, implying a margin of 11.7%. FY EBIT grew by 19% yoy to € 29.2m (13.4% margin vs guidance: 12-13%) despite the weakness of the high-margin boehmite business.

For 2023, management is guiding for 3-5% yoy sales growth, factoring in price increases of 5-10% across all products as well as weaker demand stemming from filled customer inventories, a trend towards cash management and some end market weaknesses (i.e. construction); eNuW +1.7%, eCons -1.3% yoy. The EBIT margin guidance of 8-10% (eNuW 10.9%, eCons 10.4%) implies a 3-5pp yoy decrease as hedges and price commitments for electricity and alumina expired at the end of 2022. Yet, we continue to regard our estimates as reachable, thanks to an expected improving demand for boehmite from mid-Q1 onwards, the current round of price increases and improvements at its US sites.

Bright mid-term prospects from boehmite prevail. Nabaltec is in the midst of doubeling it boehmite production capacity at its German site, targeting 24kt by the end of 2024e. Despite declining boehmite sales in 2022 due to a challenging automotive industry, pronounced structural trends should support strong growth from this year onwards. Following two years of nearly no progress in terms of battery cell production capacity in Europe, recent newsflow points towards a change. For instance, CATL is moving forward with its 24GWh plant in Germany and a 100GWh plant in Hungary (kick-off expected for H2′23). Assuming a sales price of € 3k/t (-15% vs today) and a 30% margin, a fully utilized German production, which is sufficient for roughly 240GWh of battery cells, would yield € 72m sales and € 22m EBIT.

We reiterate BUY with an unchanged € 36 PT based on FCFY 2024e.

Y/E 31.12 (EUR m)	2019	2020	2021	2022e	2023e	2024e
Sales	179.0	159.6	187.0	218.8	222.6	243.0
Sales growth	1.3%	-10.9%	17.2%	17.0%	1.7%	9.2%
EBITDA	32.3	23.6	37.3	41.8	36.7	43.0
Net debt (if net cash=0)	41.9	33.1	7.1	-4.0	-6.4	-1.1
FCF	2.3	14.0	26.4	13.5	4.8	-2.5
Net Debt/EBITDA	1.3	1.4	0.2	0.0	0.0	0.0
EPS pro forma	1.22	0.64	1.85	2.24	1.88	2.26
EBITDA margin	18.1%	14.8%	19.9%	19.1%	16.5%	17.7%
ROCE	8.9%	-8.2%	11.6%	13.3%	10.2%	10.7%
EV/sales	1.8	1.9	1.5	1.2	1.2	1.1
EV/EBITDA	9.8	13.0	7.5	6.4	7.3	6.3
PER	21.5	40.7	14.1	11.6	13.9	11.5
Adjusted FCF yield	6.0%	4.5%	8.1%	12.1%	8.4%	10.1%

Source: Company data, NuWays, Close price as of 07.03.2023



Market data					
Share price (in €)	26.10				
Market cap (in € m)	229.7				
Number of shares (in m pcs)	8.8				
Enterprice value (in € m)	266.6				
Ø trading volume (6 months)	2,700				

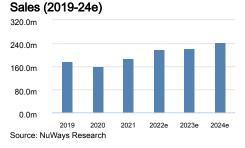
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Bloomberg	NTG GR
Reuters	NTGG
WKN	A0KPPR
ISIN	DE000A0KPPR7

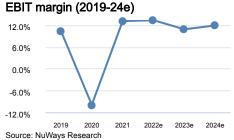
Key shareholders				
Family Heckmann	28.3%			
Family Witzany	27.2%			
Free Float 44.0%				

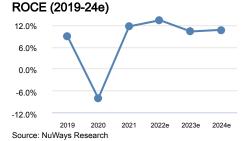
Estimates changes				
	<u>2022e</u>	<u>2023e</u>	<u>2024e</u>	
Sales	0%	0%	0%	
EBIT	4%	0%	0%	
EPS	4%	0%	0%	

Comment on changes

 2022 estimates now reflect preliminary figures







Company description

Nabaltec is a leading producer of environmental friendly, non-hazardous flame retardants used in plastics and industrial applications. With boehmite, a high margin coating solution for EV batteries, the company should strongly benefit from the electrification of the auto industry.

Guidance

- Sales: 15-17% yoy growth
- EBIT margin: 12-13%

Update - 08.03.2023



Financials

Profit and loss (EUR m)	2019	2020	2021	2022e	2023e	2024
let sales	179.0	159.6	187.0	218.8	222.6	243.
Sales growth	1.3%	-10.9%	17.2%	17.0%	1.7%	9.2
ncrease/decrease in finished goods and work-in-process	2.6	-3.9	0.2	0.0	0.0	0
Total sales	181.7	155.7	187.2	218.8	222.6	243
Other operating income	1.5	2.6	2.7	2.2	2.2	2
Material expenses	84.4	75.0	88.2	103.5	111.3	120
Personnel expenses	35.6	32.0	34.8	39.4	40.1	42
Other operating expenses	30.9	27.7	29.6	36.3	36.7	39
Total operating expenses	149.3	132.1	149.9	177.0	185.9	200
EBITDA	32.3	23.6	37.3	41.8	36.7	43
Depreciation	13.7	14.1	12.7	12.5	12.5	14
EBITA	18.6	9.4	24.6	29.3	24.2	29
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	C
Amortisation of intangible assets	0.0	0.0	0.0	0.0	0.0	C
mpairment charges	0.0	25.3	0.0	0.0	0.0	(
EBIT (inc revaluation net)	18.6	-15.9	24.6	29.3	24.2	29
nterest income	0.1	0.1	0.1	0.1	0.1	(
nterest expenses	2.8	2.0	1.8	1.2	1.2	1
nvestment income	0.0	0.0	0.0	0.0	0.0	(
Financial result	-2.7	-2.0	-1.8	-1.1	-1.1	-1 0-
Recurring pretax income from continuing operations	15.9	-17.8	22.8	28.2	23.1	27
Extraordinary income/loss	0.0	0.0	0.0	0.0	0.0	(
Earnings before taxes	15.9	-17.8	22.8	28.2	23.1	27
ncome tax expense	5.2	1.8	6.5	1.7	6.6	8
Net income from continuing operations	10.7	-19.7	16.3	26.5	16.5	19
ncome from discontinued operations (net of tax)	0.0	0.0	0.0	0.0	0.0	(
Net income	10.7	-19.7	16.3	26.5	16.5	19
Ainority interest	0.0	0.0	0.0	0.0	0.0	(
Net profit (reported)	10.7	-19.7	16.3	26.5	16.5	19
Average number of shares	8.8 1.22	8.8 -2.23	8.8 1.85	8.8 3.01	8.8 1.88	2. :
EPS reported	1.22	-2.23	1.00	3.01	1.00	۷.
Profit and loss (common size)	2019	2020	2021	2022e	2023e	202
let sales	100.0%	100.0%	100.0%	100.0%	100.0%	100.0
Sales growth	n.a.	n.a.	n.a.	n.a.	n.a.	r
ncrease/decrease in finished goods and work-in-process	1.5%	-2.5%	0.1%	0.0%	0.0%	0.0
otal sales	101.5%	97.5%	100.1%	100.0%	100.0%	100.0
Other operating income	0.9%	1.6%	1.4%	1.0%	1.0%	1.0
Material expenses	47.2%	47.0%	47.1%	47.3%	50.0%	49.6
Personnel expenses	19.9%	20.0%	18.6%	18.0%	18.0%	17.5
Other operating expenses	17.2%	17.4%	15.8%	16.6%	16.5%	16.2
otal operating expenses	83.4%	82.8%	80.2%	80.9%	83.5%	82.3
BITDA	18.1%	14.8%	19.9%	19.1%	16.5%	17.7
Depreciation	7.7%	8.8%	6.8%	5.7%	5.6%	5.8
BITA	10.4%	5.9%	13.1%	13.4%	10.9%	11.9
mortisation of goodwill	0.0%	0.0%	0.0%	0.0%	0.0%	0.0
mortisation of intangible assets	0.0%	0.0%	0.0%	0.0%	0.0%	0.0
mpairment charges	0.0%	15.9%	0.0%	0.0%	0.0%	0.0
BIT (inc revaluation net)	10.4%	-9.9%	13.1%	13.4%	10.9%	11.9
nterest income	0.1%	0.0%	0.0%	0.0%	0.0%	0.0
nterest expenses	1.6%	1.3%	1.0%	0.5%	0.5%	0.
nvestment income	0.0%	0.0%	0.0%	0.0%	0.0%	0.0
Financial result	neg.	neg.	neg.	neg.	neg.	ne
locurring protox income from continuing energtions	2 Ω0/.	11 20/	12 20/	12 0%	10 40/	44

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Net profit (reported)
Source: Company data, NuWays

Extraordinary income/loss

Net income from continuing operations

Earnings before taxes

Income tax expense

Net income

Minority interest

Recurring pretax income from continuing operations

Income from discontinued operations (net of tax)

NuWays AG 2

12.2%

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Update - 08.03.2023



Balance sheet (EUR m)	2019	2020	2021	2022e	2023e	2024e
Intangible assets	0.5	0.5	0.4	0.5	0.4	0.5
Property, plant and equipment	155.6	123.9	119.9	122.4	134.8	150.8
Financial assets	0.1	0.4	0.5	0.4	0.5	0.4
FIXED ASSETS	156.1	124.8	120.8	123.2	135.7	151.6
Inventories	40.5	32.9	33.9	39.7	40.4	44.1
Accounts receivable	5.6	5.3	5.5	15.0	15.2	16.6
Other assets and short-term financial assets	5.7	5.7	6.2	6.2	6.2	6.2
Liquid assets	29.0	26.4	52.2	94.0	96.4	91.1
Deferred taxes	2.7	3.7	2.1	2.1	2.1	2.1
Deferred charges and prepaid expenses	0.0	0.0	0.0	0.0	0.0	0.0
CURRENT ASSETS	83.4	73.9	99.9	157.0	160.3	160.1
TOTAL ASSETS	239.6	198.6	220.7	280.2	296.0	311.7
SHAREHOLDERS EQUITY	98.9	76.8	96.5	122.7	138.3	152.6
MINORITY INTEREST	0.0	0.0	0.0	0.0	0.0	0.0
Provisions for pensions and similar obligations	46.4	44.5	43.3	43.3	43.3	43.3
Other provisions and accrued liabilities	1.6	1.8	1.8	0.0	0.0	0.0
short-term liabilities to banks	31.9	0.5	59.3	0.0	0.0	0.0
Accounts payable	13.4	11.6	10.7	15.0	15.2	16.6
Accounts receivable	5.6	5.3	5.5	15.0	15.2	16.6
Other liabilities (incl. from lease and rental contracts)	5.3	4.4	5.5	5.5	5.5	5.5
Deferred taxes	0.0	0.0	3.7	3.7	3.7	3.7
Deferred income	0.0	0.0	0.0	0.0	0.0	0.0
Current liabilities	18.7	16.0	16.2	20.5	20.8	22.2
TOTAL LIABILITIES AND SHAREHOLDERS EQUITY	239.6	198.6	220.7	280.2	296.1	311.8
10 I/L LINDILITIES / 110 CI I/LLTIOLDE I/C EXCIT	200.0	100.0	220.1	200.2	200.1	011.0
Balance sheet (common size)	2019	2020	2021	2022e	2023e	2024e
Intangible assets	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%
Property, plant and equipment	64.9%	62.4%	54.3%	43.7%	45.5%	48.4%
Financial assets	0.0%	0.2%	0.2%	0.1%	0.2%	0.1%
FIXED ASSETS	65.2%	62.8%	54.7%	44.0%	45.9%	48.6%
Inventories	16.9%	16.6%	15.4%	14.2%	13.6%	14.1%
Accounts receivable	2.3%	2.7%	2.5%	5.3%	5.2%	5.3%
Other assets and short-term financial assets	2.4%	2.9%	2.8%	2.2%	2.1%	2.0%
Liquid assets	12.1%	13.3%	23.7%	33.6%	32.5%	29.2%
Deferred taxes	1.1%	1.8%	1.0%	0.8%	0.7%	0.7%
Deferred charges and prepaid expenses	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CURRENT ASSETS	34.8%	37.2%	45.3%	56.0%	54.1%	51.4%
TOTAL ASSETS	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
SHAREHOLDERS EQUITY	41.3%	38.7%	43.7%	43.8%	46.7%	49.0%
MINORITY INTEREST	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Provisions for pensions and similar obligations	19.4%	22.4%	19.6%	15.4%	14.6%	13.9%
Other provisions and accrued liabilities	0.7%	0.9%	0.8%	0.0%	0.0%	0.0%
short-term liabilities to banks	13.3%	0.3%	26.9%	0.0%	0.0%	0.0%
Accounts payable	5.6%	5.8%	4.8%	5.3%	5.2%	5.3%
Accounts receivable	2.3%	2.7%	2.5%	5.3%	5.2%	5.3%
Other liabilities (incl. from lease and rental contracts)	2.2%	2.2%	2.5%	2.0%	1.9%	1.8%
Deferred taxes	0.0%	0.0%	1.7%	1.3%	1.2%	1.2%
Deferred income	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Current liabilities	7.8%	8.1%	7.3%	7.3%	7.0%	7.1%
TOTAL LIABILITIES AND SHAREHOLDERS EQUITY	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Source: Company data NulWays						

Source: Company data, NuWays

Update - 08.03.2023



Cash flow statement (EUR m)						
	2019	2020	2021	2022e	2023e	2024e
Net profit/loss	10.7	-19.7	16.3	26.5	16.5	19.9
Depreciation of fixed assets (incl. leases)	13.7	37.1	12.7	12.5	12.5	14.0
Amortisation of goodwill & intangible assets	0.0	0.0	0.0	0.0	0.0	0.0
Others	-2.0	0.0	-1.4	0.0	0.0	0.0
Cash flow from operating activities	14.4	16.3	25.1	20.5	21.8	19.5
Increase/decrease in inventory	-5.9	7.6	-1.0	-5.8	-0.7	-3.7
Increase/decrease in accounts receivable	0.7	0.3	-0.2	-9.5	-0.3	-1.4
	0.3					
Increase/decrease in accounts payable		1.8	0.9	-4.3	-0.3	-1.4
Increase/decrease in other working capital positions	2.6	-1.0	5.7	9.0	2.0	0.0
Increase/decrease in working capital	-2.2	8.7	5.4	-10.6	0.8	-6.5
Cash flow from operating activities	22.4	24.3	33.1	28.5	29.8	27.5
CAPEX	20.0	10.3	6.7	15.0	25.0	30.0
Payments for acquisitions	0.0	0.0	0.0	0.0	0.0	0.0
Financial investments	0.0	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.0	0.0	0.0	0.0	0.0	0.0
Cash flow from investing activities	-20.0	-10.3	-6.7	-15.0	-25.0	-30.0
Cash flow before financing	0.6	12.7	26.4	11.3	2.4	-5.3
Increase/decrease in debt position	-0.1	-13.3	0.0	30.7	0.0	0.0
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	0.0	0.0	0.0	0.0	0.0	0.0
Dividends paid	1.8	1.3	0.0	2.2	2.5	2.7
Others	-2.0	0.0	-1.4	0.0	0.0	0.0
	0.0	-2.0	0.8	0.0	0.0	0.0
Effects of exchange rate changes on cash						
Cash flow from financing activities	-3.8	-14.6	-1.4	28.5	-2.5	-2.7
Increase/decrease in liquid assets	-1.4	-2.7	25.8	42.0	2.4	-5.3
Liquid assets at end of period	28.8	26.2	52.0	94.0	96.4	91.1
Key ratios (EUR m)	2019	2020	2021	2022e	2023e	2024e
	2019	2020	2021	20226	20236	20246
P&L growth analysis						
Sales growth	1.3%	-10.9%	17.2%	17.0%	1.7%	9.2%
EBITDA growth	7.7%	-23.0%	15.3%	77.4%	-1.5%	2.9%
EBIT growth	1.7%	-185.8%	31.8%	-284.4%	-1.4%	-0.9%
EPS growth	-12.4%	-290.8%	52.0%	-235.0%	1.5%	-24.9%
	-12.470	-290.0%	32.0%	-233.0%	1.3%	-24.9%
Efficiency						
Sales per employee	354.5	309.9	356.2	409.0	408.5	437.9
EBITDA per employee	64.0	45.7	71.0	78.1	67.4	77.5
			525	535		
No employees (average)	505	วเว			545	ກກກ
No. employees (average)	505	515	323	555	545	555
Balance sheet analysis						
Balance sheet analysis Avg. working capital / sales	15.1%	16.6%	16.4%	15.1%	15.5%	17.2%
Balance sheet analysis						
Balance sheet analysis Avg. working capital / sales	15.1%	16.6%	16.4%	15.1%	15.5%	17.2%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover	15.1% 4.4 11.4	16.6% 4.9 12.1	16.4% 5.5 10.7	15.1% 5.5 25.0	15.5% 5.5 25.0	17.2% 5.5 25.0
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover	15.1% 4.4	16.6% 4.9	16.4% 5.5	15.1% 5.5	15.5% 5.5	17.2% 5.5
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis	15.1% 4.4 11.4 27.3	16.6% 4.9 12.1 26.6	16.4% 5.5 10.7 20.8	15.1% 5.5 25.0 25.0	15.5% 5.5 25.0 25.0	17.2% 5.5 25.0 25.0
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow	15.1% 4.4 11.4 27.3	16.6% 4.9 12.1 26.6	16.4% 5.5 10.7 20.8	15.1% 5.5 25.0 25.0	15.5% 5.5 25.0 25.0	17.2% 5.5 25.0 25.0
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales	15.1% 4.4 11.4 27.3 2.3 1.3%	16.6% 4.9 12.1 26.6	16.4% 5.5 10.7 20.8 26.4 14.1%	15.1% 5.5 25.0 25.0 13.5 6.2%	15.5% 5.5 25.0 25.0 4.8 2.2%	17.2% 5.5 25.0 25.0
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow	15.1% 4.4 11.4 27.3	16.6% 4.9 12.1 26.6	16.4% 5.5 10.7 20.8	15.1% 5.5 25.0 25.0	15.5% 5.5 25.0 25.0	17.2% 5.5 25.0 25.0
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales	15.1% 4.4 11.4 27.3 2.3 1.3%	16.6% 4.9 12.1 26.6 14.0 8.8%	16.4% 5.5 10.7 20.8 26.4 14.1%	15.1% 5.5 25.0 25.0 13.5 6.2%	15.5% 5.5 25.0 25.0 4.8 2.2%	17.2% 5.5 25.0 25.0 -2.5 -1.0%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9%	16.6% 4.9 12.1 26.6 14.0 8.8% neg.	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4%	15.1% 5.5 25.0 25.0 13.5 6.2% 50.7%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2%	17.2% 5.5 25.0 25.0 -2.5 -1.0% neg.
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales Solvency	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2%	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5%	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6%	15.1% 5.5 25.0 25.0 13.5 6.2% 50.7% 6.9%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2%	17.2% 5.5 25.0 25.0 -2.5 -1.0% neg. 12.3%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2%	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5%	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6%	15.1% 5.5 25.0 25.0 13.5 6.2% 50.7% 6.9%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2%	17.2% 5.5 25.0 25.0 -2.5 -1.0% neg. 12.3%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2%	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5%	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6%	15.1% 5.5 25.0 25.0 13.5 6.2% 50.7% 6.9%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2%	17.2% 5.5 25.0 25.0 -2.5 -1.0% neg. 12.3%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2%	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5%	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6%	15.1% 5.5 25.0 25.0 13.5 6.2% 50.7% 6.9%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2%	17.2% 5.5 25.0 25.0 -2.5 -1.0% neg. 12.3%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2% 41.9 1.3 12.3%	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5%	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6%	15.1% 5.5 25.0 25.0 13.5 6.2% 50.7% 6.9%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2% -6.4 0.0 16.5%	17.2% 5.5 25.0 25.0 -2.5 -1.0% neg. 12.3%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2%	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5%	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6% 7.1 0.2 13.5%	15.1% 5.5 25.0 25.0 13.5 6.2% 50.7% 6.9%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2%	17.2% 5.5 25.0 25.0 -2.5 -1.0% neg. 12.3% -1.1 0.0 15.0%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt Returns	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2% 41.9 1.3 12.3% 3.9%	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5% 33.1 1.4 0.0% 3.1%	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6% 7.1 0.2 13.5% 2.8%	15.1% 5.5 25.0 25.0 13.5 6.2% 50.7% 6.9% -4.0 0.0 9.3% 1.6%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2% -6.4 0.0 16.5% 1.6%	17.2% 5.5 25.0 25.0 -2.5 -1.0% neg. 12.3% -1.1 0.0 15.0% 1.3%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt Returns ROCE	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2% 41.9 1.3 12.3% 3.9%	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5% 33.1 1.4 0.0% 3.1%	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6% 7.1 0.2 13.5% 2.8%	15.1% 5.5 25.0 25.0 25.0 13.5 6.2% 50.7% 6.9% -4.0 0.0 9.3% 1.6%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2% -6.4 0.0 16.5% 1.6%	17.2% 5.5 25.0 25.0 -2.5 -1.0% neg. 12.3% -1.1 0.0 15.0% 1.3%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow/sales Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt Returns ROCE ROE	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2% 41.9 1.3 12.3% 3.9%	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5% 33.1 1.4 0.0% 3.1%	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6% 7.1 0.2 13.5% 2.8%	15.1% 5.5 25.0 25.0 13.5 6.2% 50.7% 6.9% -4.0 0.0 9.3% 1.6%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2% -6.4 0.0 16.5% 1.6%	17.2% 5.5 25.0 25.0 25.0 -2.5 -1.0% neg. 12.3% -1.1 0.0 15.0% 1.3%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt Returns ROCE	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2% 41.9 1.3 12.3% 3.9%	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5% 33.1 1.4 0.0% 3.1%	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6% 7.1 0.2 13.5% 2.8%	15.1% 5.5 25.0 25.0 25.0 13.5 6.2% 50.7% 6.9% -4.0 0.0 9.3% 1.6%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2% -6.4 0.0 16.5% 1.6%	17.2% 5.5 25.0 25.0 -2.5 -1.0% neg. 12.3% -1.1 0.0 15.0% 1.3%
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow/sales Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt Returns ROCE ROE	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2% 41.9 1.3 12.3% 3.9%	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5% 33.1 1.4 0.0% 3.1%	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6% 7.1 0.2 13.5% 2.8% 11.6% 16.9% 8.1%	15.1% 5.5 25.0 25.0 13.5 6.2% 50.7% 6.9% -4.0 0.0 9.3% 1.6%	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2% -6.4 0.0 16.5% 1.6% 10.2% 11.9% 8.4%	17.2% 5.5 25.0 25.0 25.0 -2.5 -1.0% neg. 12.3% -1.1 0.0 15.0% 1.3%
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Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt Returns ROCE ROE Adjusted FCF yield Dividend yield DPS	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2% 41.9 1.3 12.3% 3.9% 8.9% 10.8% 6.0% 0.6% 0.2	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5% 33.1 1.4 0.0% 3.1% -8.2% -25.6% 4.5% 0.0% 0.0	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6% 7.1 0.2 13.5% 2.8% 11.6% 16.9% 8.1% 1.0% 0.2	15.1% 5.5 25.0 25.0 25.0 13.5 6.2% 50.7% 6.9% -4.0 0.0 9.3% 1.6% 21.6% 12.1% 1.1% 0.3	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2% -6.4 0.0 16.5% 1.6% 10.2% 11.9% 8.4% 1.2% 0.3	17.2% 5.5 25.0 25.0 25.0 -2.5 -1.0% neg. 12.3% -1.1 0.0 15.0% 1.3% 10.7% 13.0% 10.1% 1.3% 0.3
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Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt Returns ROCE ROE Adjusted FCF yield Dividend yield DPS EPS reported Average number of shares Valuation ratios	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2% 41.9 1.3 12.3% 3.9% 8.9% 10.8% 6.0% 0.6% 0.2 1.22 8.8	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5% 33.1 1.4 0.0% 3.1% -8.2% -25.6% 4.5% 0.0% 0.0 -2.23 8.8	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6% 7.1 0.2 13.5% 2.8% 11.6% 16.9% 8.1% 1.0% 0.2 1.85 8.8	15.1% 5.5 25.0 25.0 25.0 13.5 6.2% 50.7% 6.9% -4.0 0.0 9.3% 1.6% 13.3% 21.6% 12.1% 1.1% 0.3 3.01 8.8	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2% -6.4 0.0 16.5% 1.6% 10.2% 11.9% 8.4% 1.2% 0.3 1.88 8.8	17.2% 5.5 25.0 25.0 25.0 -2.5 -1.0% neg. 12.3% -1.1 0.0 15.0% 1.3% 10.7% 13.0% 10.1% 1.3% 0.3 2.26 8.8
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt Returns ROCE ROE Adjusted FCF yield Dividend yield DPS EPS reported Average number of shares Valuation ratios P/BV	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2% 41.9 1.3 12.3% 3.9% 8.9% 10.8% 6.0% 0.6% 0.2 1.22 8.8	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5% 33.1 1.4 0.0% 3.1% -8.2% -25.6% 4.5% 0.0% 0.0 -2.23 8.8	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6% 7.1 0.2 13.5% 2.8% 11.6% 16.9% 8.1% 1.0% 0.2 1.85 8.8	15.1% 5.5 25.0 25.0 25.0 13.5 6.2% 50.7% 6.9% -4.0 0.0 9.3% 1.6% 13.3% 21.6% 12.1% 1.1% 0.3 3.01 8.8	15.5% 5.5 25.0 25.0 25.0 4.8 2.2% 29.2% 11.2% -6.4 0.0 16.5% 1.6% 11.9% 8.4% 1.2% 0.3 1.88 8.8	17.2% 5.5 25.0 25.0 25.0 -2.5 -1.0% neg. 12.3% -1.1 0.0 15.0% 1.3% 10.7% 13.0% 10.1% 1.3% 0.3 2.26 8.8
Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt Returns ROCE ROE Adjusted FCF yield Dividend yield DPS EPS reported Average number of shares Valuation ratios P/BV EV/sales	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2% 41.9 1.3 12.3% 3.9% 8.9% 10.8% 6.0% 0.6% 0.2 1.22 8.8 2.3 1.8	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5% 33.1 1.4 0.0% 3.1% -8.2% -25.6% 4.5% 0.0% 0.0 -2.23 8.8 3.0 1.9	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6% 7.1 0.2 13.5% 2.8% 11.6% 16.9% 8.1% 1.0% 0.2 1.85 8.8	15.1% 5.5 25.0 25.0 25.0 13.5 6.2% 50.7% 6.9% -4.0 0.0 9.3% 1.6% 13.3% 21.6% 12.1% 1.1% 0.3 3.01 8.8	15.5% 5.5 25.0 25.0 25.0 4.8 2.2% 29.2% 11.2% -6.4 0.0 16.5% 1.6% 11.9% 8.4% 1.2% 0.3 1.88 8.8	17.2% 5.5 25.0 25.0 25.0 -2.5 -1.0% neg. 12.3% -1.1 0.0 15.0% 1.3% 10.7% 13.0% 10.1% 1.3% 0.3 2.26 8.8
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Balance sheet analysis Avg. working capital / sales Inventory turnover (sales/inventory) Accounts receivable turnover Accounts payable turnover Cash flow analysis Free cash flow Free cash flow/sales FCF / net profit Capex / sales Solvency Net debt Net Debt/EBITDA Dividend payout ratio Interest paid / avg. debt Returns ROCE ROE Adjusted FCF yield Dividend yield DPS EPS reported Average number of shares Valuation ratios P/BV EV/sales EV/EBITDA	15.1% 4.4 11.4 27.3 2.3 1.3% 21.9% 11.2% 41.9 1.3 12.3% 3.9% 8.9% 10.8% 6.0% 0.6% 0.2 1.22 8.8 2.3 1.8 9.8	16.6% 4.9 12.1 26.6 14.0 8.8% neg. 6.5% 33.1 1.4 0.0% 3.1% -8.2% -25.6% 4.5% 0.0% 0.0 -2.23 8.8 3.0 1.9 13.0	16.4% 5.5 10.7 20.8 26.4 14.1% 162.4% 3.6% 7.1 0.2 13.5% 2.8% 11.6% 16.9% 8.1% 1.0% 0.2 1.85 8.8	15.1% 5.5 25.0 25.0 25.0 13.5 6.2% 50.7% 6.9% -4.0 0.0 9.3% 1.6% 13.3% 21.6% 12.1% 1.1% 0.3 3.01 8.8	15.5% 5.5 25.0 25.0 4.8 2.2% 29.2% 11.2% -6.4 0.0 16.5% 1.6% 10.2% 11.9% 8.4% 1.2% 0.3 1.88 8.8	17.2% 5.5 25.0 25.0 25.0 -2.5 -1.0% neg. 12.3% -1.1 0.0 15.0% 13.0% 10.1% 13.0% 10.1% 13.3% 10.1% 13.3%

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Company	Disclosures
Nabaltec AG	2

Historical target pri	ice and rating changes for Na	abaltec AG			
Company	Date	Analyst	Rating	Target Price	Close
Nabaltec AG	01.12.2022	Sandherr, Christian	Buy	EUR 39.00	EUR 22.00

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