

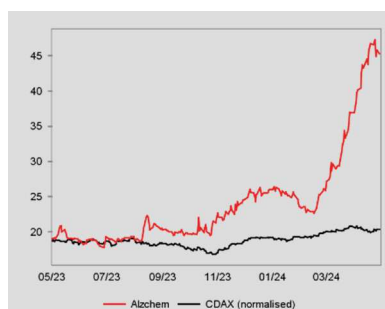
Buy EUR 40.00	Value Indicators: EUR	Warburg ESG Risk Score: 2.7	Description:
	DCF: 40.10 FCF-Value Potential 23-25: 43.26 SotP 23-24: 43.31	ESG Score (MSCI based): 3.0 Balance Sheet Score: 4.0 Market Liquidity Score: 1.0	Alzchem is an integrated specialty chemicals provider
Price: EUR 45.30 Downside -11.7 %	Market Snapshot: EUR m	Shareholders:	Key Figures (WRe): 2024e
	Market cap: 461.0 No. of shares (m): 10.2 EV: 598.5 Freefloat MC: 217.0 Ø Trad. Vol. (30d): 928.61 th	Freefloat: 47.08 % LIVIA Corporate Dev. SE: 25.13 % for two na GmbH: 15.05 % HDI Vier CE GmbH: 12.74 %	Beta: 1.6 Price / Book: 2.4 x Equity Ratio: 45 % Net Fin. Debt / EBITDA: 0.5 x Net Debt / EBITDA: 1.6 x

First Glance: Q1 results released; Outlook for FY 24 confirmed

Q1 2024 results were ahead of consensus but mostly in line with our estimates.

- While sales remained mostly at last year's level, EBITDA increased significantly to EUR 24.9m (+32% yoy).
- Earnings growth was primarily driven by Specialty Chemicals, while the improvements in the Basic & Intermediates and Other & Holding segments did not contribute much to the improvement in the group's result on an absolute basis.
- The favourable development in Specialty Chemicals was once again driven by volume growth in human and animal nutrition as well as products for the defence sector.
- With regard to the investment grant from the EU commission, which is part of the Act in Support of Ammunition Production (ASAP), Alzchem specified that the related capex volume will amount to EUR 75m, which will be spent over two and a half years earmarked for the production of nitroguanidine. The final allocation and funding agreement is expected to be finalised as early as Q2 2024.
- The company reiterated its FY 2024 EBITDA outlook of achieving up to EUR 90m.

	Q1 2024	yoy	Q1 2024e	Q1 2023	Consensus
Sales Group	150,06	-0,2%	150,26	150,43	151,1
thereof Specialty Chemicals	92,96	8,4%	94,36	85,78	
Basics & Intermediates	49,30	-14,0%	48,74	57,34	
Other & Holding	7,80	6,7%	7,17	7,31	
EBITDA Group	24,91	31,7%	24,46	18,92	23,5
EBITDA margin	16,6%		16,3%	12,6%	
thereof Specialty Chemicals	22,68	41,6%	21,70	16,02	
Basics & Intermediates	1,80	-35,2%	2,68	2,78	
Other & Holding	0,54	13,1%	0,43	0,48	
Consolidation	-0,11	n.m.	-0,36	-0,36	
EBIT Group	18,38	45,8%	17,63	12,60	15,80
Net profit	12,24	58,7%	11,61	7,71	10,40
EpS	1,20	57,9%	1,14	0,76	1,02

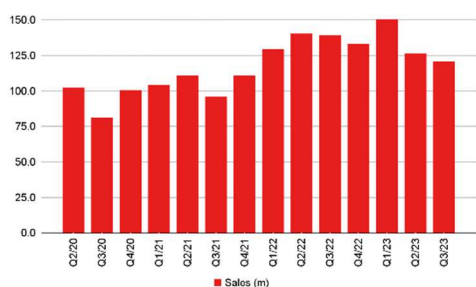


Rel. Performance vs CDAX:	
1 month:	25.0 %
6 months:	92.1 %
Year to date:	68.3 %
Trailing 12 months:	131.3 %

Company events:	
30.04.24	Q1
07.05.24	AGM
01.08.24	Q2
07.11.24	Q3

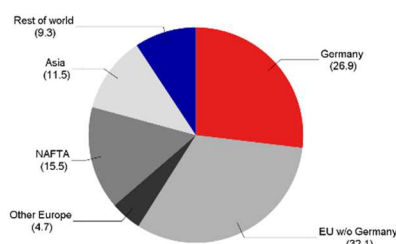
FY End: 31.12. in EUR m	CAGR (22-26e)	2020	2021	2022	2023e	2024e	2025e	2026e
Sales	-	379.3	422.3	542.2	538.3	562.8	580.6	n.a.
Change Sales yoy	-	0.8 %	11.3 %	28.4 %	-0.7 %	4.6 %	3.2 %	n.a.
Gross profit margin	-	64.4 %	62.0 %	50.8 %	54.3 %	53.6 %	53.9 %	n.a.
EBITDA	-	53.8	62.0	61.4	80.1	84.0	89.4	n.a.
Margin	-	14.2 %	14.7 %	11.3 %	14.9 %	14.9 %	15.4 %	n.a.
EBIT	-	30.7	37.6	35.9	54.8	57.0	61.4	n.a.
Margin	-	8.1 %	8.9 %	6.6 %	10.2 %	10.1 %	10.6 %	n.a.
Net income	-	19.7	27.6	30.1	34.8	37.8	41.7	n.a.
EPS	-	1.94	2.72	2.96	3.42	3.71	4.09	n.a.
EPS adj.	-	1.94	2.72	2.96	3.42	3.71	4.09	n.a.
DPS	-	0.77	1.00	1.05	1.10	1.15	1.25	n.a.
Dividend Yield	-	3.9 %	4.1 %	5.3 %	2.4 %	2.5 %	2.8 %	n.a.
FCFPS	-	1.95	1.43	-3.23	3.38	2.62	2.16	n.a.
FCF / Market cap	-	9.9 %	5.9 %	-16.3 %	7.5 %	5.8 %	4.8 %	n.a.
EV / Sales	-	1.0 x	1.0 x	0.7 x	1.1 x	1.1 x	1.0 x	n.a.
EV / EBITDA	-	7.2 x	6.9 x	6.1 x	7.6 x	7.1 x	6.6 x	n.a.
EV / EBIT	-	12.6 x	11.3 x	10.5 x	11.2 x	10.5 x	9.6 x	n.a.
P / E	-	10.2 x	8.9 x	6.7 x	13.2 x	12.2 x	11.1 x	n.a.
P / E adj.	-	10.2 x	8.9 x	6.7 x	13.2 x	12.2 x	11.1 x	n.a.
FCF Potential Yield	-	7.9 %	9.1 %	11.4 %	8.2 %	8.9 %	9.6 %	n.a.
Net Debt	-	185.4	179.8	174.8	150.8	137.5	128.8	n.a.
ROCE (NOPAT)	-	8.9 %	10.9 %	8.9 %	12.3 %	12.5 %	12.8 %	n.a.
Guidance:		FY 2024: EBITDA growing to up to EUR 90m						

Sales development
in EUR m



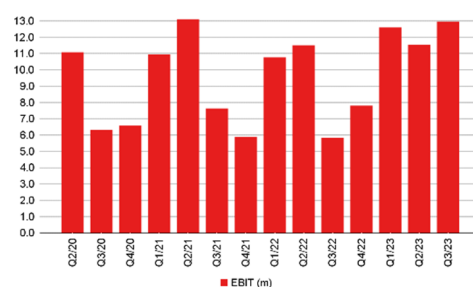
Source: Warburg Research

Sales by regions
2022; in %



Source: Warburg Research

EBIT development
in EUR m



Source: Warburg Research

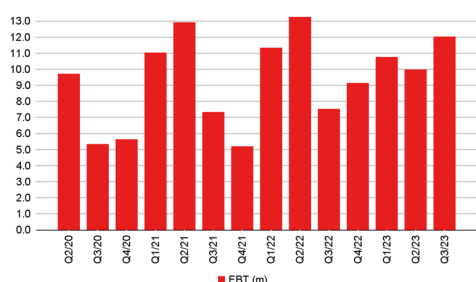
Company Background

- Alzchem goes back to the Bayerische Stickstoff-Werke GmbH (1908), which built a large calcium carbide and calcium cyanamide plant on the river Alz
- In 1939, Bayerische Kraftwerk AG and Donauwerke AG merged to form Süddeutsche Kalkstickstoffe AG, based in Trostberg. In 1978 company's name was changed to SKW Trostberg AG
- Merger of Degussa Hüls AG with Trostberg AG to form Degussa AG in 2000. Merger of the Alz locations Trostberg, Schalchen, Hart and Waldkraiburg into AlzChem Holding GmbH in 2006
- Takeover by bluO in 2009, conversion to Alzchem AG 2011. In 2019 the company heavily invested in the area of feed additives with the construction of a dedicated CreAMINO® production facility
- Alzchem is brought into the listed Alzchem Group AG (formerly Softmatic AG). Alzchem Group AG is the new parent company of the Alzchem Group. 2019 Commissioning of investment projects CreAMINO® and Nitrile

Competitive Quality

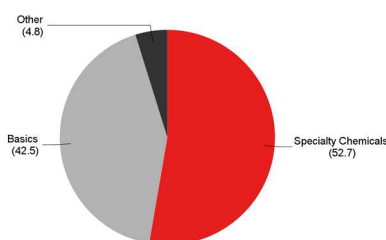
- Alzchem is a globally active, vertically integrated manufacturer of various chemical products of the calcium carbide/calcium cyanamide chain with a strategic focus on growth in the Specialty Chemicals business segment
- Alzchem's integrated manufacturing "Verbund" system enables efficiency gains in production. The company is the global leader or among the leading companies in its chosen fields of activity
- The company has four production facilities in Germany and one in Sweden that are complemented by two marketing companies in the US and in China allowing for global distribution of its products
- The company is benefiting from megatrends like sustainable energy production, population growth and increase in aging population. Its products offer attractive solutions that meet demand growth.
- Alzchem provides a highly diversified product portfolio ranging e.g. from dietary supplements, plant growth regulators to precursors for corona testing, thus addressing a wide range of customer industries

EBT development
in EUR m



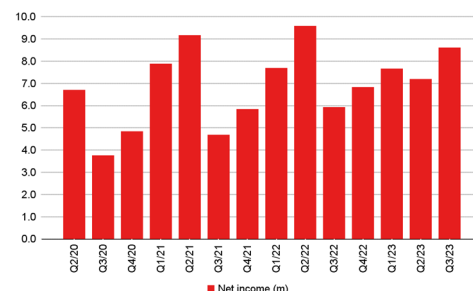
Source: Warburg Research

Sales by segments
2022; in %



Source: Warburg Research

Net income development
in EUR m



Source: Warburg Research

DCF model

Figures in EUR m	Detailed forecast period			Transitional period										Term. Value
	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	2035e	2036e	
Sales	562.8	580.6	600.9	621.4	641.9	662.4	682.9	703.4	723.1	741.9	759.7	776.4	n.a.	1.0 %
Sales change	4.6 %	3.2 %	3.5 %	3.4 %	3.3 %	3.2 %	3.1 %	3.0 %	2.8 %	2.6 %	2.4 %	2.2 %	n.a.	
EBIT	57.0	61.4	64.2	65.7	67.3	69.4	71.6	73.7	76.5	78.5	78.9	79.0	n.a.	n.a.
EBIT-margin	10.1 %	10.6 %	10.7 %	10.6 %	10.5 %	10.5 %	10.5 %	10.5 %	10.6 %	10.6 %	10.4 %	10.2 %	n.a.	
Tax rate (EBT)	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	28.0 %	n.a.	n.a.
NOPAT	41.0	44.2	46.2	47.3	48.4	50.0	51.5	53.1	55.1	56.5	56.8	56.9	n.a.	
Depreciation	27.1	28.0	29.6	31.2	32.9	33.9	35.0	36.0	36.3	37.3	38.1	39.0	n.a.	n.a.
in % of Sales	4.8 %	4.8 %	4.9 %	5.0 %	5.1 %	5.1 %	5.1 %	5.1 %	5.0 %	5.0 %	5.0 %	5.0 %	n.a.	
Changes in provisions	2.0	1.4	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.0	2.9	2.7	n.a.	n.a.
Change in Liquidity from														
- Working Capital	4.5	3.2	5.2	5.2	5.2	5.2	5.2	5.2	5.0	4.8	4.5	4.3	n.a.	n.a.
- Capex	34.7	34.7	35.5	36.0	36.6	36.4	36.2	35.9	36.2	37.1	38.0	38.8	n.a.	
Capex in % of Sales	6.2 %	6.0 %	5.9 %	5.8 %	5.7 %	5.5 %	5.3 %	5.1 %	5.0 %	5.0 %	5.0 %	5.0 %	n.a.	n.a.
- Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	n.a.	
Free Cash Flow (WACC Model)	30.9	35.7	38.4	40.6	42.8	45.5	48.4	51.3	53.4	54.9	55.3	55.5	n.a.	72
PV of FCF	28.3	29.9	29.5	28.5	27.5	26.8	26.1	25.3	24.1	22.7	20.9	19.2	n.a.	304
share of PVs	16.91 %			42.95 %										40.14 %

Model parameter

Derivation of WACC:		Derivation of Beta:	
Debt ratio	25.00 %	Financial Strength	1.60
Cost of debt (after tax)	3.6 %	Liquidity (share)	2.00
Market return	8.25 %	Cyclicalit	1.50
Risk free rate	2.75 %	Transparency	2.00
		Others	1.00
WACC	9.24 %	Beta	1.62

Valuation (m)

Present values 2036e	394		
Terminal Value	304		
Financial liabilities	57		
Pension liabilities	100		
Hybrid capital	0		
Minority interest	2		
Market val. of investments	0		
Liquidity	12	No. of shares (m)	10.1
Equity Value	550	Value per share (EUR)	40.10

Sensitivity Value per Share (EUR)

Beta	WACC	Terminal Growth							Beta	WACC	Delta EBIT-margin						
		0.25 %	0.50 %	0.75 %	1.00 %	1.25 %	1.50 %	1.75 %			-0.8 pp	-0.5 pp	-0.3 pp	+0.0 pp	+0.3 pp	+0.5 pp	+0.8 pp
1.88	10.2 %	43.98	44.56	45.17	45.81	46.49	47.21	47.97	1.88	10.2 %	41.29	42.80	44.30	45.81	47.32	48.82	50.33
1.75	9.7 %	47.62	48.30	49.02	49.78	50.59	51.44	52.36	1.75	9.7 %	44.98	46.58	48.18	49.78	51.38	52.97	54.57
1.68	9.5 %	49.59	50.33	51.11	51.95	52.83	53.77	54.77	1.68	9.5 %	47.00	48.65	50.30	51.95	53.60	55.24	56.89
1.62	9.2 %	51.68	52.49	53.35	54.26	55.22	56.26	57.36	1.62	9.2 %	49.15	50.85	52.55	54.25	55.96	57.66	59.36
1.56	9.0 %	53.90	54.78	55.72	56.72	57.78	58.92	60.13	1.56	9.0 %	51.44	53.20	54.96	56.72	58.47	60.23	61.99
1.49	8.7 %	56.26	57.22	58.25	59.34	60.51	61.77	63.12	1.49	8.7 %	53.89	55.71	57.52	59.34	61.16	62.98	64.80
1.36	8.2 %	61.45	62.61	63.85	65.18	66.61	68.14	69.80	1.36	8.2 %	59.31	61.27	63.22	65.18	67.13	69.09	71.04

- The beta value reflects the limited liquidity of the shares (free float 47.08%),
- In addition, transparency is reduced for structural reasons as Alzchem is positioned as a B2B company

Free Cash Flow Value Potential

Warburg Research's valuation tool "FCF Value Potential" reflects the ability of the company to generate sustainable free cash flows. It is based on the "FCF potential" - a FCF "ex growth" figure - which assumes unchanged working capital and pure maintenance capex. A value indication is derived via the perpetuity of a given year's "FCF potential" with consideration of the weighted costs of capital. The fluctuating value indications over time add a timing element to the DCF model (our preferred valuation tool).

in EUR m	2020	2021	2022	2023e	2024e	2025e	2026e	
Net Income before minorities	19.9	27.8	30.2	35.0	38.0	41.8	n.a.	
+ Depreciation + Amortisation	23.1	24.5	25.5	25.3	27.1	28.0	n.a.	
- Net Interest Income	-2.1	-1.5	-2.5	-6.0	-4.0	-3.1	n.a.	
- Maintenance Capex	14.7	14.8	15.4	15.8	16.0	16.3	n.a.	
+ Other	0.0	0.0	0.0	0.0	0.0	0.0	n.a.	
= Free Cash Flow Potential	30.4	38.9	42.8	50.5	53.1	56.6	n.a.	
FCF Potential Yield (on market EV)	7.9 %	9.1 %	11.4 %	8.2 %	8.9 %	9.6 %	n/a	
WACC	8.99 %	8.99 %	8.99 %	8.99 %	8.99 %	8.99 %	8.99 %	
= Enterprise Value (EV)	387.2	425.3	375.2	611.8	598.5	589.7	n.a.	
= Fair Enterprise Value	328.9	420.8	463.4	546.1	574.4	612.1	n.a.	
- Net Debt (Cash)	84.7	84.7	84.7	61.0	45.6	35.4	n.a.	
- Pension Liabilities	90.1	90.1	90.1	89.8	91.9	93.3	n.a.	
- Other	0.0	0.0	0.0	0.0	0.0	0.0	n.a.	
- Market value of minorities	0.0	0.0	0.0	0.0	0.0	0.0	n.a.	
+ Market value of investments	0.0	0.0	0.0	0.0	0.0	0.0	n.a.	
= Fair Market Capitalisation	154.0	246.0	288.6	395.3	436.9	483.3	n.a.	
Number of shares, average	10.2	10.1	10.1	10.2	10.2	10.2	n.a.	
= Fair value per share (EUR)	15.14	24.27	28.47	38.85	42.93	47.49	n.a.	
premium (-) / discount (+) in %				-14.2 %	-5.2 %	4.8 %		
Sensitivity Fair value per Share (EUR)								
	11.99 %	7.25	14.09	17.27	25.80	29.22	32.89	n.a.
	10.99 %	9.43	16.88	20.34	29.42	33.02	36.94	n.a.
	9.99 %	12.03	20.21	24.01	33.74	37.57	41.79	n.a.
WACC	8.99 %	15.14	24.27	28.47	38.85	42.93	47.49	n.a.
	7.99 %	19.14	29.30	34.02	45.54	49.98	55.01	n.a.
	6.99 %	24.16	35.73	41.10	53.88	58.76	64.36	n.a.
	5.99 %	30.79	44.22	50.45	64.90	70.34	76.71	n.a.

▪ Historical volatility of the value indication is due to cyclical operative development

Valuation	2020	2021	2022	2023e	2024e	2025e	2026e
Price / Book	3.0 x	2.8 x	1.4 x	2.7 x	2.4 x	2.1 x	n.a.
Book value per share ex intangibles	6.40	8.42	13.92	16.27	18.91	21.87	n.a.
EV / Sales	1.0 x	1.0 x	0.7 x	1.1 x	1.1 x	1.0 x	n.a.
EV / EBITDA	7.2 x	6.9 x	6.1 x	7.6 x	7.1 x	6.6 x	n.a.
EV / EBIT	12.6 x	11.3 x	10.5 x	11.2 x	10.5 x	9.6 x	n.a.
EV / EBIT adj.*	12.6 x	11.3 x	10.5 x	11.2 x	10.5 x	9.6 x	n.a.
P / FCF	10.1 x	16.9 x	n.a.	13.4 x	17.3 x	21.0 x	n.a.
P / E	10.2 x	8.9 x	6.7 x	13.2 x	12.2 x	11.1 x	n.a.
P / E adj.*	10.2 x	8.9 x	6.7 x	13.2 x	12.2 x	11.1 x	n.a.
Dividend Yield	3.9 %	4.1 %	5.3 %	2.4 %	2.5 %	2.8 %	n.a.
FCF Potential Yield (on market EV)	7.9 %	9.1 %	11.4 %	8.2 %	8.9 %	9.6 %	n.a.

*Adjustments made for: Restructuring costs, value adjustments, one-off earnings/losses

Consolidated profit & loss

In EUR m	2020	2021	2022	2023e	2024e	2025e	2026e
Sales	379.3	422.3	542.2	538.3	562.8	580.6	n.a.
Change Sales yoy	0.8 %	11.3 %	28.4 %	-0.7 %	4.6 %	3.2 %	n.a.
Increase / decrease in inventory	-2.5	10.0	22.2	0.0	0.0	0.0	n.a.
Own work capitalised	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
Total Sales	376.7	432.3	564.4	538.3	562.8	580.6	n.a.
Material expenses	132.5	170.7	288.9	246.0	260.9	267.5	n.a.
Gross profit	244.2	261.7	275.5	292.3	301.9	313.1	n.a.
<i>Gross profit margin</i>	<i>64.4 %</i>	<i>62.0 %</i>	<i>50.8 %</i>	<i>54.3 %</i>	<i>53.6 %</i>	<i>53.9 %</i>	<i>n.a.</i>
Personnel expenses	127.4	132.2	137.1	141.8	144.3	147.8	n.a.
Other operating income	10.7	11.4	24.2	23.1	24.1	24.9	n.a.
Other operating expenses	73.7	78.8	101.1	93.5	97.7	100.8	n.a.
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
EBITDA	53.8	62.0	61.4	80.1	84.0	89.4	n.a.
<i>Margin</i>	<i>14.2 %</i>	<i>14.7 %</i>	<i>11.3 %</i>	<i>14.9 %</i>	<i>14.9 %</i>	<i>15.4 %</i>	<i>n.a.</i>
Depreciation of fixed assets	23.1	24.5	25.5	25.3	27.1	28.0	n.a.
EBITA	30.7	37.6	35.9	54.8	57.0	61.4	n.a.
Amortisation of intangible assets	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
EBIT	30.7	37.6	35.9	54.8	57.0	61.4	n.a.
<i>Margin</i>	<i>8.1 %</i>	<i>8.9 %</i>	<i>6.6 %</i>	<i>10.2 %</i>	<i>10.1 %</i>	<i>10.6 %</i>	<i>n.a.</i>
EBIT adj.	30.7	37.6	35.9	54.8	57.0	61.4	n.a.
Interest income	0.0	0.0	0.0	0.9	1.9	1.2	n.a.
Interest expenses	2.1	1.5	2.5	6.9	5.9	4.3	n.a.
Other financial income (loss)	-1.4	0.4	7.9	-0.2	-0.2	-0.2	n.a.
EBT	27.2	36.5	41.3	48.6	52.7	58.1	n.a.
<i>Margin</i>	<i>7.2 %</i>	<i>8.6 %</i>	<i>7.6 %</i>	<i>9.0 %</i>	<i>9.4 %</i>	<i>10.0 %</i>	<i>n.a.</i>
Total taxes	7.3	8.7	11.1	13.6	14.8	16.3	n.a.
Net income from continuing operations	19.9	27.8	30.2	35.0	38.0	41.8	n.a.
Income from discontinued operations (net of tax)	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
Net income before minorities	19.9	27.8	30.2	35.0	38.0	41.8	n.a.
Minority interest	0.2	0.2	0.2	0.2	0.2	0.2	n.a.
Net income	19.7	27.6	30.1	34.8	37.8	41.7	n.a.
<i>Margin</i>	<i>5.2 %</i>	<i>6.5 %</i>	<i>5.5 %</i>	<i>6.5 %</i>	<i>6.7 %</i>	<i>7.2 %</i>	<i>n.a.</i>
Number of shares, average	10.2	10.1	10.1	10.2	10.2	10.2	n.a.
EPS	1.94	2.72	2.96	3.42	3.71	4.09	n.a.
EPS adj.	1.94	2.72	2.96	3.42	3.71	4.09	n.a.

*Adjustments made for: Restructuring costs, value adjustments, one-off earnings/losses

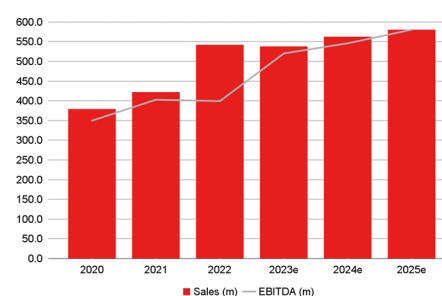
Guidance: FY 2024: EBITDA growing to up to EUR 90m

Financial Ratios

	2020	2021	2022	2023e	2024e	2025e	2026e
Total Operating Costs / Sales	54.4 %	59.1 %	71.9 %	63.1 %	63.7 %	63.4 %	n.a.
Operating Leverage	0.5 x	2.0 x	-0.2 x	-72.5 x	0.8 x	2.5 x	n.a.
EBITDA / Interest expenses	25.1 x	41.6 x	24.4 x	11.6 x	14.2 x	21.0 x	n.a.
Tax rate (EBT)	27.0 %	24.0 %	26.8 %	28.0 %	28.0 %	28.0 %	n.a.
Dividend Payout Ratio	39.4 %	36.5 %	35.2 %	32.0 %	30.8 %	30.4 %	n.a.
Sales per Employee	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

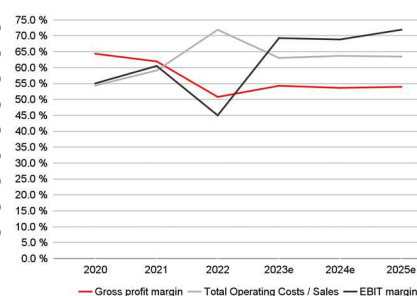
Sales, EBITDA

in EUR m

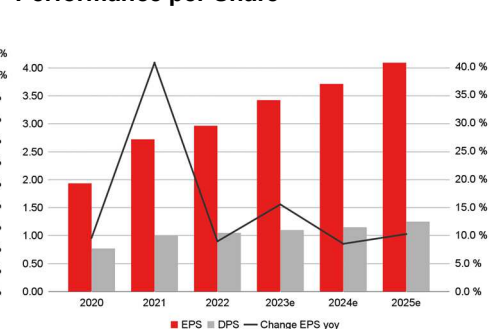


Operating Performance

in %



Performance per Share



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

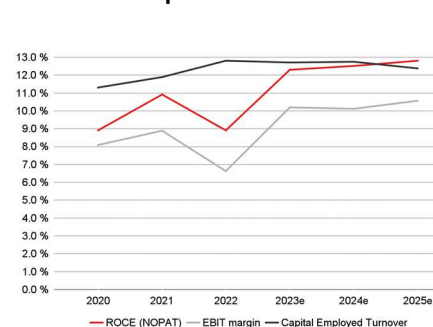
Consolidated balance sheet

In EUR m	2020	2021	2022	2023e	2024e	2025e	2026e
Assets							
Goodwill and other intangible assets	1.8	2.3	3.0	2.7	2.4	2.2	n.a.
thereof other intangible assets	1.8	2.3	3.0	2.7	2.4	2.2	n.a.
thereof Goodwill	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
Property, plant and equipment	183.6	186.5	187.8	187.5	195.4	202.4	n.a.
Financial assets	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
Fixed assets	185.4	188.8	190.7	190.2	197.8	204.5	n.a.
Inventories	67.4	86.7	122.4	121.8	125.5	128.2	n.a.
Accounts receivable	33.1	40.8	55.7	55.3	57.8	59.7	n.a.
Liquid assets	17.1	8.3	9.2	19.5	12.3	5.7	n.a.
Other short-term assets	51.2	53.0	44.8	44.5	45.9	46.9	n.a.
Current assets	168.9	188.8	232.1	241.1	241.5	240.3	n.a.
Total Assets	354.3	377.7	422.9	431.3	439.3	444.9	n.a.
Liabilities and shareholders' equity							
Subscribed capital	101.8	101.8	101.8	101.8	101.8	101.8	n.a.
Capital reserve	-4.2	-1.7	5.1	8.0	11.2	14.8	n.a.
Retained earnings	-25.5	-10.3	30.8	48.5	67.9	89.8	n.a.
Other equity components	-5.2	-2.1	6.3	10.0	14.0	18.4	n.a.
Shareholders' equity	66.9	87.6	144.0	168.2	194.8	224.8	n.a.
Minority interest	1.8	1.9	1.9	2.0	2.1	2.2	n.a.
Total equity	68.7	89.6	145.9	170.2	196.9	226.9	n.a.
Provisions	168.9	167.3	109.1	108.7	111.3	113.2	n.a.
thereof provisions for pensions and similar obligations	141.8	140.0	90.1	89.8	91.9	93.3	n.a.
Financial liabilities (total)	60.7	48.0	93.9	80.5	57.9	41.1	n.a.
Short-term financial liabilities	12.7	10.5	66.4	23.1	10.8	11.0	n.a.
Accounts payable	20.9	32.8	37.4	37.1	38.8	40.0	n.a.
Other liabilities	35.1	39.9	36.5	34.8	34.4	23.6	n.a.
Liabilities	285.6	288.1	276.9	261.1	242.4	217.9	n.a.
Total liabilities and shareholders' equity	354.3	377.7	422.9	431.3	439.3	444.9	n.a.

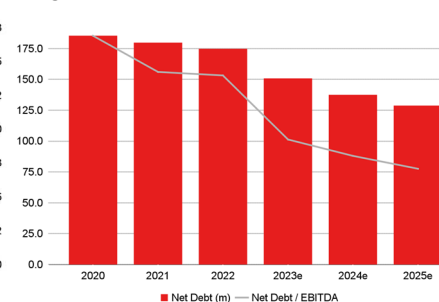
Financial Ratios

	2020	2021	2022	2023e	2024e	2025e	2026e
Efficiency of Capital Employment							
Operating Assets Turnover	1.4 x	1.5 x	1.7 x	1.6 x	1.7 x	1.7 x	n.a.
Capital Employed Turnover	1.5 x	1.6 x	1.7 x	1.7 x	1.7 x	1.6 x	n.a.
ROA	10.6 %	14.6 %	15.8 %	18.3 %	19.1 %	20.4 %	n.a.
Return on Capital							
ROCE (NOPAT)	8.9 %	10.9 %	8.9 %	12.3 %	12.5 %	12.8 %	n.a.
ROE	31.1 %	35.7 %	25.9 %	22.3 %	20.8 %	19.9 %	n.a.
Adj. ROE	31.1 %	35.7 %	25.9 %	22.3 %	20.8 %	19.9 %	n.a.
Balance sheet quality							
Net Debt	185.4	179.8	174.8	150.8	137.5	128.8	n.a.
Net Financial Debt	43.6	39.8	84.7	61.0	45.6	35.4	n.a.
Net Gearing	270.0 %	200.7 %	119.8 %	88.6 %	69.8 %	56.7 %	n.a.
Net Fin. Debt / EBITDA	81.1 %	64.1 %	137.8 %	76.1 %	54.3 %	39.7 %	n.a.
Book Value / Share	6.6	8.6	14.2	16.5	19.1	22.1	n.a.
Book value per share ex intangibles	6.4	8.4	13.9	16.3	18.9	21.9	n.a.

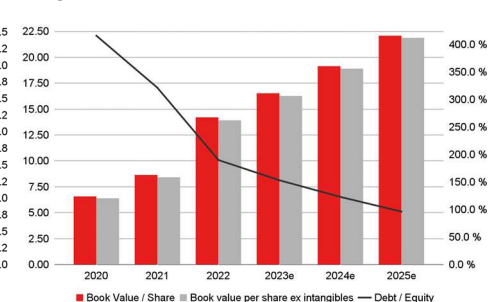
ROCE Development



Net debt in EUR m



Book Value per Share in EUR



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

Consolidated cash flow statement

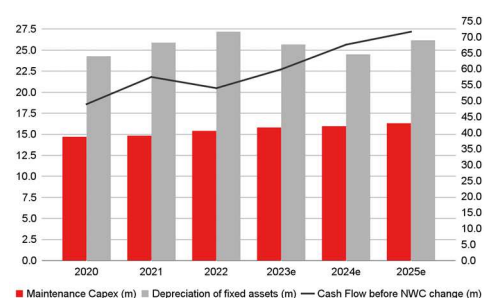
In EUR m	2020	2021	2022	2023e	2024e	2025e	2026e
Net income	19.9	27.8	30.2	35.0	38.0	41.8	n.a.
Depreciation of fixed assets	24.3	25.9	27.2	25.7	24.5	26.2	n.a.
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
Amortisation of intangible assets	-1.2	-1.4	-1.7	-0.4	2.6	1.8	n.a.
Increase/decrease in long-term provisions	-1.2	-1.4	-1.7	-0.4	2.6	1.8	n.a.
Other non-cash income and expenses	7.2	6.6	-0.1	0.0	0.0	0.0	n.a.
Cash Flow before NWC change	49.0	57.4	54.0	59.9	67.6	71.6	n.a.
Increase / decrease in inventory	5.3	-16.5	-37.9	0.6	-3.7	-2.6	n.a.
Increase / decrease in accounts receivable	-5.8	1.8	-19.9	0.6	-3.9	-2.8	n.a.
Increase / decrease in accounts payable	0.0	0.0	0.0	0.0	0.1	0.0	n.a.
Increase / decrease in other working capital positions	0.2	0.3	-0.3	-1.9	1.3	-9.6	n.a.
Increase / decrease in working capital (total)	-0.3	-14.4	-58.2	-0.7	-6.3	-14.9	n.a.
Net cash provided by operating activities [1]	48.7	43.0	-4.2	59.1	61.3	56.7	n.a.
Investments in intangible assets	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
Investments in property, plant and equipment	-28.8	-28.5	-29.1	-24.7	-34.7	-34.7	n.a.
Payments for acquisitions	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
Financial investments	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
Income from asset disposals	0.0	0.1	0.6	0.0	0.0	0.0	n.a.
Net cash provided by investing activities [2]	-28.8	-28.5	-28.5	-24.7	-34.7	-34.7	n.a.
Change in financial liabilities	-1.9	-12.7	45.9	-13.5	-22.6	-16.8	n.a.
Dividends paid	-7.8	-8.0	-10.3	-10.7	-11.3	-11.8	n.a.
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0	n.a.
Capital measures	0.0	-1.0	0.0	0.0	0.0	0.0	n.a.
Other	-2.0	-1.9	-1.9	0.0	0.0	0.0	n.a.
Net cash provided by financing activities [3]	-11.7	-23.6	33.6	-24.2	-33.8	-28.6	n.a.
Change in liquid funds [1]+[2]+[3]	8.2	-9.3	0.8	10.2	-7.2	-6.6	n.a.
Effects of exchange-rate changes on cash	-0.1	0.3	0.1	0.0	0.0	0.0	n.a.
Cash and cash equivalent at end of period	17.1	8.3	9.2	19.5	12.3	5.7	n.a.

Financial Ratios

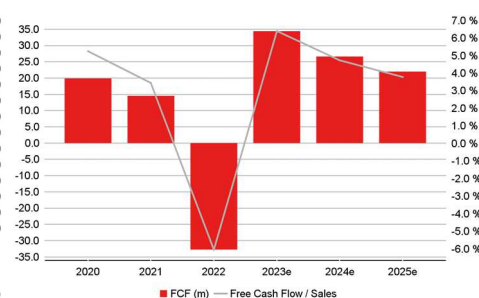
	2020	2021	2022	2023e	2024e	2025e	2026e
Cash Flow							
FCF	19.9	14.5	-32.8	34.4	26.6	22.0	n.a.
Free Cash Flow / Sales	5.2 %	3.4 %	-6.0 %	6.4 %	4.7 %	3.8 %	n.a.
Free Cash Flow Potential	30.4	38.9	42.8	50.5	53.1	56.6	n.a.
Free Cash Flow / Net Profit	100.9 %	52.7 %	-109.0 %	98.8 %	70.4 %	52.8 %	n.a.
Interest Received / Avg. Cash	0.1 %	0.0 %	0.5 %	6.3 %	12.0 %	13.4 %	n.a.
Interest Paid / Avg. Debt	3.5 %	2.7 %	3.5 %	7.9 %	8.6 %	8.6 %	n.a.
Management of Funds							
Investment ratio	7.6 %	6.8 %	5.4 %	4.6 %	6.2 %	6.0 %	n.a.
Maint. Capex / Sales	3.9 %	3.5 %	2.8 %	2.9 %	2.8 %	2.8 %	n.a.
Capex / Dep	124.8 %	116.6 %	113.8 %	97.8 %	128.2 %	124.0 %	n.a.
Avg. Working Capital / Sales	21.4 %	20.6 %	21.7 %	26.1 %	25.3 %	25.2 %	n.a.
Trade Debtors / Trade Creditors	158.6 %	124.6 %	149.0 %	149.0 %	149.0 %	149.0 %	n.a.
Inventory Turnover	2.0 x	2.0 x	2.4 x	2.0 x	2.1 x	2.1 x	n.a.
Receivables collection period (days)	32	35	38	38	38	38	n.a.
Payables payment period (days)	58	70	47	55	54	55	n.a.
Cash conversion cycle (Days)	160	151	145	163	159	158	n.a.

CAPEX and Cash Flow

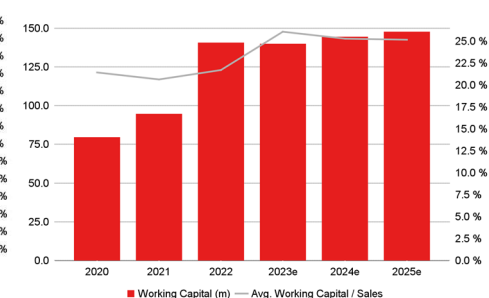
in EUR m



Free Cash Flow Generation



Working Capital



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

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- 7-

Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
Alzchem	5	https://www.mmwarburg.com/disclaimer/disclaimer_en/DE000A2YNT30.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.

WARBURG RESEARCH GMBH – ANALYSED RESEARCH UNIVERSE BY RATING

Rating	Number of stocks	% of Universe
Buy	147	71
Hold	46	22
Sell	8	4
Rating suspended	7	3
Total	208	100

WARBURG RESEARCH GMBH – ANALYSED RESEARCH UNIVERSE BY RATING ...

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

Rating	Number of stocks	% of Universe
Buy	46	81
Hold	8	14
Sell	0	0
Rating suspended	3	5
Total	57	100

PRICE AND RATING HISTORY ALZCHEM AS OF 30.04.2024



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.

EQUITIES

Matthias Rode +49 40 3282-2678
Head of Equities mrode@mmwarburg.com

RESEARCH

Michael Heider +49 40 309537-280
Head of Research mheider@warburg-research.com

Henner Rüschemier +49 40 309537-270
Head of Research hrueschmeier@warburg-research.com

Stefan Augustin +49 40 309537-168
Cap. Goods, Engineering saugustin@warburg-research.com

Jan Bauer +49 40 309537-155
Renewables jbauer@warburg-research.com

Sander Brockow +49 40 309537-248
Industrials sbrockow@warburg-research.com

Christian Cohrs +49 40 309537-175
Industrials & Transportation ccohrs@warburg-research.com

Dr. Christian Ehmann +49 40 309537-167
BioTech, Life Science cehmann@warburg-research.com

Felix Ellmann +49 40 309537-120
Software, IT fellmann@warburg-research.com

Jörg Philipp Frey +49 40 309537-258
Retail, Consumer Goods jfrey@warburg-research.com

Marius Fuhrberg +49 40 309537-185
Financial Services mfuhrberg@warburg-research.com

Fabio Hölscher +49 40 309537-240
Automobiles, Car Suppliers fhoelscher@warburg-research.com

Philipp Kaiser +49 40 309537-260
Real Estate, Construction pkaiser@warburg-research.com

Thilo Kleibauer +49 40 309537-257
Retail, Consumer Goods tkleibauer@warburg-research.com

Hannes Müller +49 40 309537-255
Software, IT hmueller@warburg-research.com

Andreas Pläsier +49 40 309537-246
Banks, Financial Services aplaesier@warburg-research.com

Malte Schaumann +49 40 309537-170
Technology mschaumann@warburg-research.com

Oliver Schwarz +49 40 309537-250
Chemicals, Agriculture oschwarz@warburg-research.com

Simon Stippig +49 40 309537-265
Real Estate, Telco sstippig@warburg-research.com

Marc-René Tonn +49 40 309537-259
Automobiles, Car Suppliers mtonn@warburg-research.com

Robert-Jan van der Horst +49 40 309537-290
Technology rvanderhorst@warburg-research.com

Andreas Wolf +49 40 309537-140
Software, IT awolf@warburg-research.com

INSTITUTIONAL EQUITY SALES

Klaus Schilling +49 69 5050-7400
Head of Equity Sales, Germany kschilling@mmwarburg.com

Tim Beckmann +49 40 3282-2665
United Kingdom tbeckmann@mmwarburg.com

Lea Bogdanova +49 69 5050-7411
United Kingdom, Ireland lbogdanova@mmwarburg.com

Jens Buchmüller +49 69 5050-7415
Scandinavia, Austria jbuchmueller@mmwarburg.com

Matthias Fritsch +49 40 3282-2696
United Kingdom mfritsch@mmwarburg.com

Maximilian Martin +49 69 5050-7413
Austria, Poland mmartin@mmwarburg.com

Rudolf Alexander Michaelis +49 40 3282-2649
Germany rmichaelis@mmwarburg.com

Roman Alexander Niklas +49 69 5050-7412
Switzerland rniklas@mmwarburg.com

Antonia Möller +49 69 5050-7417
Roadshow/Marketing amoeller@mmwarburg.com

Charlotte Wernicke +49 40 3282-2669
Roadshow/Marketing cwernicke@mmwarburg.com

Juliane Niemann +49 40 3282-2694
Roadshow/Marketing jniemann@mmwarburg.com

SALES TRADING

Oliver Merkel +49 40 3282-2634
Head of Sales Trading omerkel@mmwarburg.com

Rico Müller +49 40 3282-2685
Sales Trading rmueller@mmwarburg.com

Bastian Quast +49 40 3282-2701
Sales Trading bquast@mmwarburg.com

DESIGNATED SPONSORING

Marcel Magiera +49 40 3282-2662
Designated Sponsoring mmagiera@mmwarburg.com

Sebastian Schulz +49 40 3282-2631
Designated Sponsoring sschulz@mmwarburg.com

Jörg Treptow +49 40 3282-2658
Designated Sponsoring jtreptow@mmwarburg.com

MACRO RESEARCH

Carsten Klude +49 40 3282-2572
Macro Research cklude@mmwarburg.com

Dr. Christian Jasperneite +49 40 3282-2439
Investment Strategy cjasperneite@mmwarburg.com

Our research can be found under:

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LSEG www.lseg.com
Capital IQ www.capitaliq.com

For access please contact:

Andrea Schaper +49 40 3282-2632
Sales Assistance aschaper@mmwarburg.com

Kerstin Muthig +49 40 3282-2703
Sales Assistance kmuthig@mmwarburg.com