

Demo		Value Indicators:	EUR	Warburg ESG Risk Score:	1.6	Description:	
Buy		DCF:	14.00	ESG Score (MSCI based):	3.0	Market leader in the privatis	eation of
4.4.00				Balance Sheet Score:	1.8	residential real estate in Ge	
EUR 14.00				Market Liquidity Score:	0.0		,
		Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2021e
		Market cap:	218.9	Freefloat	12.1 %	Beta:	1.3
Price	EUR 6.75	No. of shares (m):	32.4	Brookline Real Estate S.a.r.l.	83.1 %	Price / Book:	0.8 x
Upside	107.4 %	EV:	783.0	ADLER Real Estate	4.8 %	Equity Ratio:	29 %
		Freefloat MC:	26.5			Net Fin. Debt / EBITDA:	10.5 x
		Ø Trad. Vol. (30d):	19.95 th			Net Debt / EBITDA:	10.5 x

Parallel growth in all three business pillars should accelerate overall growth

Accentro released solid figures for the first nine months last week, which were slightly above our expectations. The company once again reiterated its 2021 full-year guidance for revenues of EUR 170-200m (WRe: EUR 205m) and EBIT of EUR 45-50m (WRe: EUR 52.8m). We have included all new information in our model and adjusted our estimates slightly.

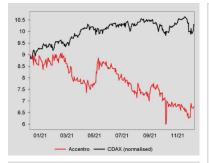
- Revenues from privatisation: Revenues from privatisation amounted to EUR 47.4m (WRe: EUR 46m). In addition, the company reported an excellent gross margin of 39.5% (WRe: 33%) in this business pillar. This increase is predominantly driven by a larger sales contribution from the high-margin project "Riemers Hofgarten". As we expect further revenues from this project in the fourth quarter, this should have a positive impact on the gross profit margin in Q4, even though we expect a lower margin. For the full year, we are raising our gross margin estimate for the segment from 20% to 25%.
- Rental income: Rental income came in at EUR 4.5m (WRe: EUR 5.0m). The decrease in rental income compared to the second quarter of 2021 (EUR 7.8m) is explained by further sales from Accentro's trading portfolios. Due to the still high vacancy rate in the holding portfolio, which causes high vacancy costs, we have lowered our rental margin for 2021 (from 48% to 20%) as well as for 2022 (from 50% to 30%) and 2023 (from 60% to 40%). That said, we expect improvements from renovation measures, which should significantly lower the vacancy.
- Recent transactions: On 18 November, Accentro successfully closed a transaction for a total of around 730 units with a volume of approx. EUR 100m. The transaction comprised the purchase and sale of several residential portfolios. Among other things, Accentro is acquiring approximately 470 units in Eastern Germany for its own rental portfolio. On Monday, 6 December, the company announced the acquisition of 73 already lawfully partitioned units in Berlin from an institutional investor. The properties in the portfolio are located in sought-after areas in the districts of Charlottenburg, Wedding and Friedrichshain. We expect the overall investment volume of both transactions to be c. EUR 50m.

Overall, the investment case is fully intact. The margin reduction in rents is compensated for by slightly higher margins in the privatisation segment. The acquisitions in the holding portfolio should also have a positive impact on valuation gains. With a very strong sales pipeline of more than EUR 400m, the company is well positioned for the next quarters. Driven by renovation measures in its holding portfolio, the rental margin should increase in the coming years. We expect the cooperation with ImmoScout24 to lead to a significant increase in service income from 2023 onwards and thus successful growth of all three business pillars. We confirm our Buy recommendation.

Changes in E	stimates:					
FY End: 31.12. in EUR m	2021e (old)	+/-	2022e (old)	+/-	2023e (old)	+/-
Sales	206.0	-0.5 %	232.2	-0.6 %	240.1	0.0 %
Property Sales	182.5	0.0 %	205.7	0.0 %	210.1	1.0 %
Rental Income	19.0	3.2 %	21.5	-3.5 %	24.5	-12.2 %
Service income	4.5	-34.8 %	5.0	-11.4 %	5.5	16.9 %
EBIT	50.1	5.3 %	52.4	4.1 %	58.6	1.7 %

Comment on Changes:

- Unchanged estimates for property sales, as the company has a strong sales pipeline
- Decrease in rental income mainly driven by lower investment volume than anticipated in 2021 and decrease in expected investment volume in 2022 (from EUR 200m to now EUR 150m)
- Decrease in service income as a large number of old projects come to an end and fewer new ones are added

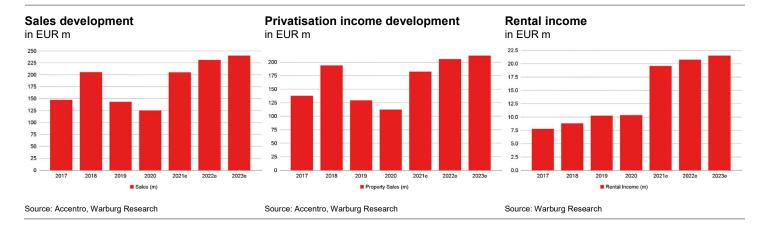


Rel. Performance vs CDAX: 1 month: 4.3 % 6 months: -20.7 % Year to date: -35.6 % Trailing 12 months: -40.1 %

FY 2021
Q1
AGM

FY End: 31.12. in EUR m	CAGR (20-23e)	2017	2018	2019	2020	2021e	2022e	2023e
Sales	24.2 %	147.3	205.6	143.3	125.2	205.0	230.9	240.1
Change Sales yoy		17.8 %	39.5 %	-30.3 %	-12.6 %	63.8 %	12.6 %	4.0 %
Property Sales		137.9	194.0	129.5	112.4	182.5	205.7	212.2
Rental Income		7.8	8.8	10.3	10.4	19.6	20.7	21.5
Service income		1.7	2.8	3.5	2.4	2.9	4.4	6.4
Gross profit		41.1	41.5	38.7	25.3	51.0	54.2	59.8
Gross profit margin		27.9 %	20.2 %	27.0 %	20.3 %	24.9 %	23.5 %	24.9 %
Valuation result		0.0	0.0	11.4	28.4	20.6	17.0	17.9
EBITDA	19.7 %	36.5	33.2	40.5	35.6	53.7	55.7	61.1
Margin		24.8 %	16.2 %	28.3 %	28.5 %	26.2 %	24.1 %	25.4 %
EBIT	19.7 %	36.4	32.9	39.8	34.8	52.8	54.5	59.6
Margin		24.7 %	16.0 %	27.8 %	27.8 %	25.7 %	23.6 %	24.8 %
Net income	14.0 %	20.1	18.2	26.5	18.1	23.3	23.3	26.7
EPS	13.6 %	0.81	0.59	0.82	0.56	0.72	0.72	0.82
DPS	-	0.00	0.00	0.16	0.00	0.14	0.14	0.16
Dividend Yield		n.a.	n.a.	2.0 %	n.a.	2.1 %	2.1 %	2.4 %
EV / Sales		2.5 x	2.6 x	4.0 x	6.5 x	3.8 x	3.3 x	3.1 x
EV / EBITDA		10.1 x	15.8 x	14.0 x	22.9 x	14.6 x	13.7 x	12.3 x
EV / EBIT		10.2 x	16.0 x	14.3 x	23.5 x	14.8 x	14.0 x	12.6 x
P/E		11.1 x	16.4 x	9.9 x	16.2 x	9.4 x	9.4 x	8.2 x
ROCE (NOPAT)		9.8 %	7.1 %	6.9 %	4.1 %	4.6 %	4.5 %	4.9 %
Guidance:	Revenues bety	ween EUR 1	70m to 200m	and EBIT b	etween EUR	45m to EUR	50m	



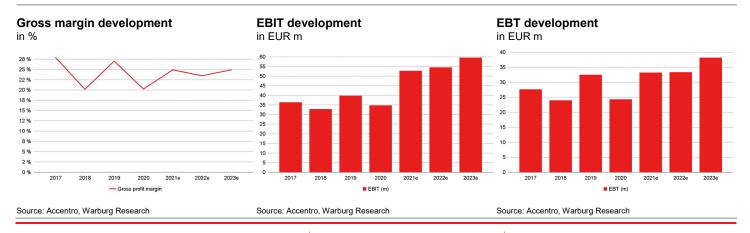


Company Background

- Developer of existing residential property portfolios in Germany, especially in Berlin and specialised in the privatisation of the renovated apartments
- Around 90% of total revenues are generated from property sales especially from the privatisation segment
- Focus on renovation and restructuring measures with high value increase potential over a period of two to three years
- Accentro also enters sales partnerships with other companies like residential holding companies, investors, or project developers also within the scope of joint ventures

Competitive Quality

- Specialized in residential property development and privatisation, a niche which is too big for private investors and too small for larger institutional investors, which leads to lower competition
- Business model can be applied on broader scale to additional locations in Germany
- In contrast to many smaller competitors Accentro is well capitalized and, as a listed company, has better access to capital
- Accentros business model offers a structural and resilient margin from the combination of wholesale / retail difference and capex upgrade of the apartments
- Accentro has market expertise of more than 15 years in its core region Berlin, where it has built up a strong network resulting in superior access to this underpenetrated residential market





DCF model														
	Detaile	d forecas	t period				7	Γransition	al period					Term. Value
Figures in EUR m	2021e	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	
Sales	205.0	230.9	240.1	249.5	258.4	267.0	273.9	280.6	286.7	292.4	298.1	302.8	307.3	
Sales change	63.8 %	12.6 %	4.0 %	3.9 %	3.6 %	3.3 %	2.6 %	2.4 %	2.2 %	2.0 %	1.9 %	1.6 %	1.5 %	1.0 %
EBIT	33.2	33.3	38.2	47.0	49.2	46.7	41.5	34.3	34.2	33.8	33.3	33.6	35.1	
EBIT-margin	16.2 %	14.4 %	15.9 %	18.8 %	19.0 %	17.5 %	15.2 %	12.2 %	11.9 %	11.6 %	11.2 %	11.1 %	11.4 %	
Tax rate (EBT)	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	30.0 %	
NOPAT	23.3	23.3	26.7	32.9	34.4	32.7	29.1	24.0	23.9	23.6	23.3	23.5	24.6	
Depreciation	20.5	22.4	22.9	20.0	18.1	16.0	13.7	11.2	8.6	5.8	3.0	3.0	3.1	
in % of Sales	10.0 %	9.7 %	9.5 %	8.0 %	7.0 %	6.0 %	5.0 %	4.0 %	3.0 %	2.0 %	1.0 %	1.0 %	1.0 %	
Changes in provisions	0.0	0.0	0.0	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.5	
Change in Liquidity from														
- Working Capital	-50.0	-10.3	34.4	97.5	111.6	119.6	72.8	55.1	80.9	82.7	85.2	86.2	99.8	
- Capex	0.0	0.0	0.0	1.2	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5	
Capex in % of Sales	0.0 %	0.0 %	0.0 %	0.5 %	0.5 %	0.5 %	0.5 %	0.5 %	0.5 %	0.5 %	0.5 %	0.5 %	0.5 %	
Other	-55.0	-6.3	-5.0	13.2	-100.4	-107.7	-65.6	-49.6	- 72.8	-74.4	-76.7	-77.6	-89.8	
Free Cash Flow (WACC Model)	148.6	62.3	20.2	-59.9	40.1	35.5	34.2	28.3	23.0	19.8	16.3	16.5	14.6	23
PV of FCF	148.6	57.2	17.1	-46.4	28.6	23.2	20.5	15.6	11.7	9.2	7.0	6.5	5.3	105
share of PVs		54.61 %						19.80	6 %					25.52 %

Model parameter				Valuation (m)			
Derivation of WACC:		Derivation of Beta:		Present values 2033e	306		
				Terminal Value	105		
Debt ratio	0.00 %	Financial Strength	1.10	Financial liabilities	0		
Cost of debt (after tax)	1.7 %	Liquidity (share)	2.00	Pension liabilities	0		
Market return	7.00 %	Cyclicality	1.15	Hybrid capital	0		
Risk free rate	1.50 %	Transparency	1.30	Minority interest	11		
		Others	1.15	Market val. of investments	0		
				Liquidity	57	No. of shares (m)	32.4
WACC	8.87 %	Beta	1.34	Equity Value	454	Value per share (EUR)	13.99

Sens	illivity va	liue per Sn	are (EUK)													
		Terminal (Growth								Delta EBIT	-margin					
Beta	WACC	0.25 %	0.50 %	0.75 %	1.00 %	1.25 %	1.50 %	1.75 %	Beta	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.52	9.9 %	12.92	12.98	13.05	13.12	13.19	13.27	13.35	1.52	9.9 %	12.09	12.43	12.78	13.12	13.46	13.80	14.14
1.43	9.4 %	13.29	13.37	13.44	13.53	13.62	13.71	13.81	1.43	9.4 %	12.44	12.81	13.17	13.53	13.89	14.25	14.61
1.39	9.1 %	13.50	13.58	13.66	13.75	13.85	13.95	14.06	1.39	9.1 %	12.64	13.01	13.38	13.75	14.12	14.50	14.87
1.34	8.9 %	13.71	13.80	13.89	13.99	14.10	14.21	14.33	1.34	8.9 %	12.84	13.22	13.61	13.99	14.37	14.76	15.14
1.29	8.6 %	13.94	14.04	14.14	14.25	14.36	14.49	14.62	1.29	8.6 %	13.06	13.46	13.85	14.25	14.64	15.04	15.43
1.25	8.4 %	14.18	14.29	14.40	14.52	14.65	14.78	14.93	1.25	8.4 %	13.29	13.70	14.11	14.52	14.93	15.34	15.75
1.16	7.9 %	14.72	14.85	14.98	15.12	15.28	15.45	15.63	1.16	7.9 %	13.81	14.25	14.69	15.12	15.56	16.00	16.44

- DCF equity method
- The position "working capital" includes properties held for sale as current assets
- "Others" contains the part of the WC that is financed by debt and must therefore be deducted from the WC build-up
- As we assume a full leverage of balance sheet from 2024e onwards, WC increases significantly in 2024e
- Partial sale of the "East portfolio" in 2024e which results in the increase in inventory properties and therefore WC

Accentro



Valuation							
	2017	2018	2019	2020	2021e	2022e	2023e
Price / Book	1.5 x	1.5 x	1.2 x	1.2 x	0.8 x	0.8 x	0.7 x
Book value per share ex intangibles	5.38	5.53	6.19	6.73	7.47	8.18	8.81
EV / Sales	2.5 x	2.6 x	4.0 x	6.5 x	3.8 x	3.3 x	3.1 x
EV / EBITDA	10.1 x	15.8 x	14.0 x	22.9 x	14.6 x	13.7 x	12.3 x
EV / EBIT	10.2 x	16.0 x	14.3 x	23.5 x	14.8 x	14.0 x	12.6 x
EV / EBIT adj.*	10.2 x	16.0 x	14.3 x	23.5 x	14.8 x	14.0 x	12.6 x
P/FCF	n.a.	n.a.	n.a.	n.a.	5.7 x	8.7 x	n.a.
P/E	11.1 x	16.4 x	9.9 x	16.2 x	9.4 x	9.4 x	8.2 x
P / E adj.*	11.1 x	16.4 x	9.9 x	16.2 x	9.4 x	9.4 x	8.2 x
Dividend Yield	n.a.	n.a.	2.0 %	n.a.	2.1 %	2.1 %	2.4 %
FCF Potential Yield (on market EV)	7.8 %	5.3 %	6.0 %	3.6 %	5.6 %	6.0 %	6.6 %
*Adjustments made for: -							

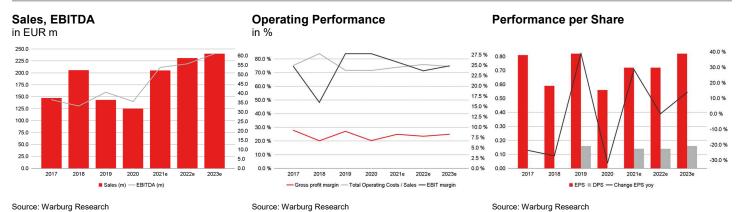
Company Specific Items							
	2017	2018	2019	2020	2021e	2022e	2023e
Property Sales	137.9	194.0	129.5	112.4	182.5	205.7	212.2
Rental Income	7.8	8.8	10.3	10.4	19.6	20.7	21.5
Gross profit margin	27.9 %	20.2 %	27.0 %	20.3 %	24.9 %	23.5 %	24.9 %
Service income	1.7	2.8	3.5	2.4	2.9	4.4	6.4
Valuation result	0.0	0.0	11.4	28.4	20.6	17.0	17.9



Consolidated profit & loss							
In EUR m	2017	2018	2019	2020	2021e	2022e	2023e
Sales	147.3	205.6	143.3	125.2	205.0	230.9	240.1
Change Sales yoy	17.8 %	39.5 %	-30.3 %	-12.6 %	63.8 %	12.6 %	4.0 %
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Own work capitalised	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Sales	147.3	205.6	143.3	125.2	205.0	230.9	240.1
Material expenses	106.3	164.1	104.6	99.8	154.0	176.7	180.3
Gross profit	41.1	41.5	38.7	25.3	51.0	54.2	59.8
Gross profit margin	27.9 %	20.2 %	27.0 %	20.3 %	24.9 %	23.5 %	24.9 %
Personnel expenses	3.3	4.6	5.8	9.0	10.3	11.5	12.5
Valuation result	0.0	0.0	11.4	28.4	20.6	17.0	17.9
Other operating income	3.3	1.7	1.2	1.7	1.8	1.6	1.6
Other operating expenses	4.5	5.1	6.1	10.7	10.8	6.9	7.2
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	36.5	33.2	40.5	35.6	53.7	55.7	61.1
Margin	24.8 %	16.2 %	28.3 %	28.5 %	26.2 %	24.1 %	25.4 %
Depreciation of fixed assets	0.1	0.3	0.7	0.9	0.9	1.2	1.4
EBITA	36.4	32.9	39.8	34.8	52.8	54.5	59.6
Amortisation of intangible assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	36.4	32.9	39.8	34.8	52.8	54.5	59.6
Margin	24.7 %	16.0 %	27.8 %	27.8 %	25.7 %	23.6 %	24.8 %
EBIT adj.	36.4	32.9	39.8	34.8	52.8	54.5	59.6
Interest income	0.3	0.9	4.9	11.3	3.0	2.5	2.5
Interest expenses	9.1	9.9	12.2	21.7	22.5	23.7	23.9
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	27.6	24.0	32.5	24.3	33.2	33.3	38.2
Margin	18.8 %	11.7 %	22.7 %	19.4 %	16.2 %	14.4 %	15.9 %
Total taxes	7.5	5.7	6.2	6.3	10.0	10.0	11.5
Net income from continuing operations	20.1	18.3	26.3	18.1	23.3	23.3	26.7
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	20.1	18.3	26.3	18.1	23.3	23.3	26.7
Minority interest	0.0	0.1	-0.2	0.0	0.0	0.0	0.0
Net income	20.1	18.2	26.5	18.1	23.3	23.3	26.7
Margin	13.7 %	8.9 %	18.5 %	14.4 %	11.3 %	10.1 %	11.1 %
Number of shares, average	24.9	30.7	32.4	32.4	32.4	32.4	32.4
EPS	0.81	0.59	0.82	0.56	0.72	0.72	0.82
EPS adj.	0.81	0.59	0.82	0.56	0.72	0.72	0.82
*Adjustments made for:							

Guidance: Revenues between EUR 170m to 200m and EBIT between EUR 45m to EUR 50m

Financial Ratios							
	2017	2018	2019	2020	2021e	2022e	2023e
Total Operating Costs / Sales	75.2 %	83.8 %	71.7 %	71.5 %	73.8 %	75.9 %	74.6 %
Operating Leverage	0.4 x	-0.2 x	-0.7 x	1.0 x	0.8 x	0.3 x	2.3 x
EBITDA / Interest expenses	4.0 x	3.4 x	3.3 x	1.6 x	2.4 x	2.4 x	2.6 x
Tax rate (EBT)	27.2 %	23.7 %	19.1 %	25.7 %	30.0 %	30.0 %	30.0 %
Dividend Payout Ratio	0.0 %	0.0 %	19.7 %	0.0 %	19.5 %	19.5 %	19.4 %

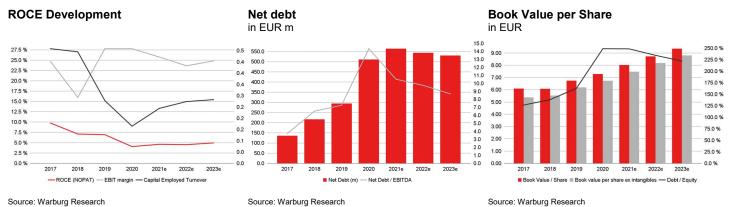


Source: Warburg Nescarch Source: Warburg Nes



Consolidated balance sheet							
In EUR m	2017	2018	2019	2020	2021e	2022e	20236
Assets							
Goodwill and other intangible assets	17.8	17.8	17.8	17.8	17.8	17.8	17.8
thereof other intangible assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
thereof Goodwill	17.8	17.8	17.8	17.8	17.8	17.8	17.8
Property, plant and equipment	0.2	0.4	0.9	280.5	393.0	413.6	434.9
Financial assets	1.7	8.4	10.5	13.1	13.3	13.5	13.7
Other long-term assets	2.5	54.5	73.3	0.0	0.0	0.0	0.0
Fixed assets	22.2	81.1	102.5	311.3	424.1	444.8	466.4
Inventories	304.0	345.2	416.6	409.5	359.5	349.3	383.6
Accounts receivable	1.2	18.6	10.6	51.8	51.8	51.8	51.8
Liquid assets	7.9	15.5	24.2	56.5	58.4	84.9	103.3
Other short-term assets	12.6	13.8	26.9	32.8	70.0	70.0	24.2
Current assets	325.6	393.1	478.3	550.6	539.7	556.0	562.9
Total Assets	347.8	474.2	580.8	862.0	963.8	1,000.8	1,029.3
Liabilities and shareholders' equity							
Subscribed capital	24.9	32.4	32.4	32.4	32.4	32.4	32.4
Capital reserve	53.5	78.4	78.7	79.7	79.7	79.7	79.7
Retained earnings	73.6	86.3	107.6	124.1	148.1	170.9	191.3
Other equity components	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shareholders' equity	152.0	197.1	218.7	236.2	260.2	283.0	303.3
Minority interest	1.7	2.0	2.1	10.9	16.4	16.4	16.4
Total equity	153.7	199.1	220.8	247.1	276.6	299.4	319.7
Provisions	2.4	0.9	0.9	2.0	2.0	2.0	2.0
thereof provisions for pensions and similar obligations	2.4	0.9	0.9	2.0	2.0	2.0	2.0
Financial liabilities (total)	141.4	231.3	317.6	565.5	620.5	626.8	631.8
Short-term financial liabilities	60.5	55.9	103.9	172.2	112.2	118.2	123.2
Accounts payable	2.2	4.8	6.2	7.1	4.0	4.0	4.0
Other liabilities	48.1	38.2	35.2	40.3	60.8	68.7	71.8
Liabilities	194.1	275.1	359.9	614.9	687.3	701.4	709.5
Total liabilities and shareholders' equity	347.8	474.2	580.8	862.0	963.8	1,000.8	1,029.3

Financial Ratios							
	2017	2018	2019	2020	2021e	2022e	2023e
Efficiency of Capital Employment							
Operating Assets Turnover	0.5 x	0.6 x	0.3 x	0.2 x	0.3 x	0.3 x	0.3 x
Capital Employed Turnover	0.5 x	0.5 x	0.3 x	0.2 x	0.2 x	0.3 x	0.3 x
ROA	90.8 %	22.4 %	25.8 %	5.8 %	5.5 %	5.2 %	5.7 %
Return on Capital							
ROCE (NOPAT)	9.8 %	7.1 %	6.9 %	4.1 %	4.6 %	4.5 %	4.9 %
ROE	14.0 %	10.4 %	12.7 %	7.9 %	9.4 %	8.6 %	9.1 %
Adj. ROE	14.0 %	10.4 %	12.7 %	7.9 %	9.4 %	8.6 %	9.1 %
Balance sheet quality							
Net Debt	136.0	216.7	294.4	511.0	564.1	543.9	530.5
Net Financial Debt	133.5	215.8	293.5	509.0	562.1	541.9	528.5
Net Gearing	88.5 %	108.8 %	133.3 %	206.8 %	204.0 %	181.6 %	165.9 %
Net Fin. Debt / EBITDA	365.6 %	649.7 %	724.0 %	1428.6 %	1047.3 %	973.0 %	865.6 %
Book Value / Share	6.1	6.1	6.7	7.3	8.0	8.7	9.4
Book value per share ex intangibles	5.4	5.5	6.2	6.7	7.5	8.2	8.8

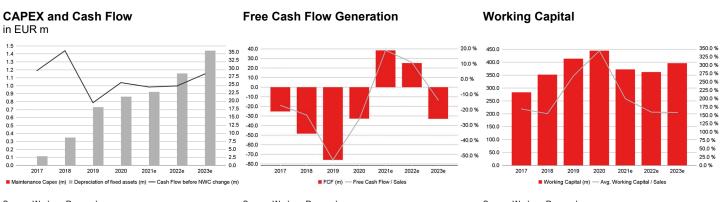


Source: Warburg Research Source: Warburg Research



Consolidated cash flow statement							
In EUR m	2017	2018	2019	2020	2021e	2022e	2023e
Net income	20.1	18.3	26.3	18.1	23.3	23.3	26.7
Depreciation of fixed assets	0.1	0.3	0.7	0.9	0.9	1.2	1.4
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase/decrease in long-term provisions	-0.8	-1.4	0.1	1.0	0.0	0.0	0.0
Other non-cash income and expenses	9.8	18.1	-7.8	5.6	0.0	0.0	0.0
Cash Flow before NWC change	29.2	35.4	19.3	25.5	24.2	24.5	28.2
Increase / decrease in inventory	-71.8	-47.7	-80.1	-31.9	20.0	26.1	-34.4
Increase / decrease in accounts receivable	-5.9	-18.1	10.4	- 2.5	0.0	0.0	0.0
Increase / decrease in accounts payable	24.3	-9.6	-8.6	11.9	22.7	0.0	0.0
Increase / decrease in other working capital positions	-0.4	0.0	0.0	0.1	0.0	0.0	0.0
Increase / decrease in working capital (total)	-53.7	-75.5	-78.3	-22.4	42.7	26.1	-34.4
Net cash provided by operating activities [1]	-25.2	-48.3	-75.7	-32.7	38.4	25.2	-32.9
Investments in intangible assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Investments in property, plant and equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Payments for acquisitions	-0.4	-33.4	-1.9	-81.4	-90.0	-70.0	-70.0
Financial investments	-4.2	0.0	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	5.1	0.0	0.0	0.0	0.0	0.0	0.0
Net cash provided by investing activities [2]	22.7	-51.3	2.4	-99.6	-110.0	-70.0	-70.0
Change in financial liabilities	6.1	101.6	93.3	185.3	50.5	70.0	120.0
Dividends paid	-3.7	-5.2	-5.2	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	0.0	0.0	0.0	0.0	0.0
Other	-6.6	15.0	-7.1	-21.6	21.6	0.0	0.0
Net cash provided by financing activities [3]	-4.2	111.4	81.0	163.7	72.2	70.0	120.0
Change in liquid funds [1]+[2]+[3]	-6.7	11.8	7.8	31.3	0.5	25.2	17.1
Effects of exchange-rate changes on cash	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cash and cash equivalent at end of period	6.5	15.5	24.2	56.5	58.4	84.9	103.3

Financial Ratios							
	2017	2018	2019	2020	2021e	2022e	2023e
Cash Flow							
FCF	-25.2	-48.3	-75.7	-32.7	38.4	25.2	-32.9
Free Cash Flow / Sales	-17.1 %	-23.5 %	-52.8 %	-26.1 %	18.7 %	10.9 %	-13.7 %
Free Cash Flow Potential	29.0	27.5	34.3	29.4	43.7	45.7	49.6
Free Cash Flow / Net Profit	-125.1 %	-265.7 %	-285.9 %	-181.1 %	165.1 %	108.1 %	-123.1 %
Interest Received / Avg. Cash	2.6 %	8.1 %	24.5 %	27.9 %	5.2 %	3.5 %	2.7 %
Interest Paid / Avg. Debt	6.7 %	5.3 %	4.4 %	4.9 %	3.8 %	3.8 %	3.8 %
Management of Funds							
Investment ratio	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Maint. Capex / Sales	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Capex / Dep	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Avg. Working Capital / Sales	168.7 %	154.5 %	267.3 %	343.1 %	199.3 %	159.0 %	157.9 %
Trade Debtors / Trade Creditors	51.5 %	386.4 %	170.5 %	726.3 %	1293.9 %	1293.9 %	1293.9 %
Inventory Turnover	0.3 x	0.5 x	0.3 x	0.2 x	0.4 x	0.5 x	0.5 x
Receivables collection period (days)	3	33	27	151	92	82	79
Payables payment period (days)	8	11	22	26	9	8	8
Cash conversion cycle (Days)	972	775	1,435	1,589	852	723	776



Source: Warburg Research Source: Warburg Research Source: Warburg Research



LEGAL DISCLAIMER

This research report ("investment recommendation") was prepared by the Warburg Research GmbH, a fully owned subsidiary of the M.M.Warburg & CO (AG & Co.) KGaA and is passed on by the M.M.Warburg & CO (AG & Co.) KGaA. It is intended solely for the recipient and may not be passed on to another company without their prior consent, regardless of whether the company is part of the same corporation or not. It contains selected information and does not purport to be complete. The investment recommendation is based on publicly available information and data ("information") believed to be accurate and complete. Warburg Research GmbH neither examines the information for accuracy and completeness, nor guarantees its accuracy and completeness. Possible errors or incompleteness of the information do not constitute grounds for liability of M.M.Warburg & CO (AG & Co.) KGaA or Warburg Research GmbH for damages of any kind whatsoever, and M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are not liable for indirect and/or direct and/or consequential damages. In particular, neither M.M.Warburg & CO (AG & Co.) KGaA nor Warburg Research GmbH are liable for the statements, plans or other details contained in these investment recommendations concerning the examined companies, their affiliated companies, strategies, economic situations, market and competitive situations, regulatory environment, etc. Although due care has been taken in compiling this investment recommendation, it cannot be excluded that it is incomplete or contains errors. M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH, their shareholders and employees are not liable for the accuracy and completeness of the statements, estimations and the conclusions derived from the information contained in this investment recommendation. Provided a investment recommendation is being transmitted in connection with an existing contractual relationship, i.e. financial advisory or similar services, the liability of M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH shall be restricted to gross negligence and wilful misconduct. In case of failure in essential tasks, M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are liable for normal negligence. In any case, the liability of M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH is limited to typical, expectable damages. This investment recommendation does not constitute an offer or a solicitation of an offer for the purchase or sale of any security. Partners, directors or employees of M.M.Warburg & CO (AG & Co.) KGaA, Warburg Research GmbH or affiliated companies may serve in a position of responsibility, i.e. on the board of directors of companies mentioned in the report. Opinions expressed in this investment recommendation are subject to change without notice. All rights reserved.

COPYRIGHT NOTICE

This work including all its parts is protected by copyright. Any use beyond the limits provided by copyright law without permission is prohibited and punishable. This applies, in particular, to reproductions, translations, microfilming, and storage and processing on electronic media of the entire content or parts thereof.

DISCLOSURE ACCORDING TO §85 OF THE GERMAN SECURITIES TRADING ACT (WPHG), MAR AND MIFID II INCL. COMMISSION DELEGATED REGULATION (EU) 2016/958 AND (EU) 2017/565

The valuation underlying the investment recommendation for the company analysed here is based on generally accepted and widely used methods of fundamental analysis, such as e.g. DCF Model, Free Cash Flow Value Potential, NAV, Peer Group Comparison or Sum of the Parts Model (see also http://www.mmwarburg.de/disclaimer/disclaimer.htm#Valuation). The result of this fundamental valuation is modified to take into consideration the analyst's assessment as regards the expected development of investor sentiment and its impact on the share price.

Independent of the applied valuation methods, there is the risk that the price target will not be met, for instance because of unforeseen changes in demand for the company's products, changes in management, technology, economic development, interest rate development, operating and/or material costs, competitive pressure, supervisory law, exchange rate, tax rate etc. For investments in foreign markets and instruments there are further risks, generally based on exchange rate changes or changes in political and social conditions.

This commentary reflects the opinion of the relevant author at the point in time of its compilation. A change in the fundamental factors underlying the valuation can mean that the valuation is subsequently no longer accurate. Whether, or in what time frame, an update of this commentary follows is not determined in advance.

Additional internal and organisational arrangements to prevent or to deal with conflicts of interest have been implemented. Among these are the spatial separation of Warburg Research GmbH from M.M.Warburg & CO (AG & Co.) KGaA and the creation of areas of confidentiality. This prevents the exchange of information, which could form the basis of conflicts of interest for Warburg Research GmbH in terms of the analysed issuers or their financial instruments.

The analysts of Warburg Research GmbH do not receive a gratuity – directly or indirectly – from the investment banking activities of M.M.Warburg & CO (AG & Co.) KGaA or of any company within the Warburg-Group.

All prices of financial instruments given in this investment recommendation are the closing prices on the last stock-market trading day before the publication date stated, unless another point in time is explicitly stated.

M.M.Warburg & CO (AG & Co.) KGaA and Warburg Research GmbH are subject to the supervision of the Federal Financial Supervisory Authority, BaFin. M.M.Warburg & CO (AG & Co.) KGaA is additionally subject to the supervision of the European Central Bank (ECB).



SOURCES

All data and consensus estimates have been obtained from FactSet except where stated otherwise.

The Warburg ESG Risk Score is based on information © 2020 MSCI ESG Research LLC. Reproduced by permission. Although Warburg Research's information providers, including without limitation, MSCI ESG Research LLC and its affiliates (the "ESG Parties"), obtain information (the "Information") from sources they consider reliable, none of the ESG Parties warrants or guarantees the originality, accuracy and/or completeness, of any data herein and expressly disclaim all express or implied warranties, including those of merchantability and fitness for a particular purpose. The Information may only be used for your internal use, may not be reproduced or redisseminated in any form and may not be used as a basis for, or a component, of any financial instruments or products indices. Further, none of the Information can in and of itself be used to determine which securities to buy or sell or when to buy or sell them. None of the ESG Parties shall have any liability for any errors or omissions in connection with any data herein, or any liability for any direct, indirect, special, punitive, consequential or any other damage (including lost profits) even if notified of the possibility.



Additional information for clients in the United States

- 1. This research report (the "Report") is a product of Warburg Research GmbH, Germany, a fully owned subsidiary of M.M.Warburg & CO (AG & Co.) KGaA, Germany (in the following collectively "Warburg"). Warburg is the employer of the research analyst(s), who have prepared the Report. The research analyst(s) reside outside the United States and are not associated persons of any U.S. regulated broker-dealer and therefore are not subject to the supervision of any U.S. regulated broker-dealer.
- 2. The Report is provided in the United States for distribution solely to "major U.S. institutional investors" under Rule 15a-6 of the U.S. Securities Exchange Act of 1934 by CIC.
- 3. CIC (Crédit Industriel et Commercial) and M.M. Warburg & CO have concluded a Research Distribution Agreement that gives CIC Market Solutions exclusive distribution in France, the US and Canada of the Warburg Research GmbH research product.
- 4. The research reports are distributed in the United States of America by CIC ("CIC") pursuant to a SEC Rule 15a-6 agreement with CIC Market Solutions Inc ("CICI"), a U.S. registered broker-dealer and a related company of CIC, and are distributed solely to persons who qualify as "Major U.S. Institutional Investors" as defined in SEC Rule 15a-6 under the Securities Exchange Act of 1934.
- 5. Any person who is not a Major U.S. Institutional Investor must not rely on this communication. The delivery of this research report to any person in the United States of America is not a recommendation to effect any transactions in the securities discussed herein, or an endorsement of any opinion expressed herein.

Reference in accordance with section 85 of the German Securities Trading Act (WpHG) and Art. 20 MAR regarding possible conflicts of interest with companies analysed:

- -1- Warburg Research, or an affiliated company, or an employee of one of these companies responsible for the compilation of the research, hold a **share of more than 5%** of the equity capital of the analysed company.
- Warburg Research, or an affiliated company, within the last twelve months participated in the **management of a consortium** for an issue in the course of a public offering of such financial instruments, which are, or the issuer of which is, the subject of the investment recommendation.
- -3- Companies affiliated with Warburg Research **manage financial instruments**, which are, or the issuers of which are, subject of the investment recommendation, in a market based on the provision of buy or sell contracts.
- MMWB, Warburg Research, or an affiliated company, reached an agreement with the issuer to provide **investment banking and/or investment services** and the relevant agreement was in force in the last 12 months or there arose for this period, based on the relevant agreement, the obligation to provide or to receive a service or compensation provided that this disclosure does not result in the disclosure of confidential business information.
- The company compiling the analysis or an affiliated company had reached an **agreement on the compilation of the investment recommendation** with the analysed company.
- -6a- Warburg Research, or an affiliated company, holds a **net long position of more than 0.5%** of the total issued share capital of the analysed company.
- -6b- Warburg Research, or an affiliated company, holds a **net short position of more than 0.5%** of the total issued share capital of the analysed company.
- -6c- The issuer holds shares of more than 5% of the total issued capital of Warburg Research or an affiliated company.
- -7- The company preparing the analysis as well as its affiliated companies and employees have **other important interests** in relation to the analysed company, such as, for example, the exercising of mandates at analysed companies.

This report has been made accessible to the company analysed.

Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
Accentro	3, 5	http://www.mmwarburg.com/disclaimer/disclaimer_en/DE000A0KFKB3.htm



INVESTMENT RECOMMENDATION

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

-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

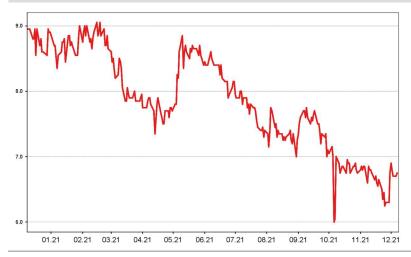
Rating	Number of stocks	% of Universe
Buy	157	72
Hold	53	24
Sell	5	2
Rating suspended	3	1
Total	218	100

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	49	82
Hold	9	15
Sell	0	0
Rating suspended	2	3
Total	60	100

PRICE AND RATING HISTORY ACCENTRO AS OF 08.12.2021



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.



Michael Helder Helder Sequilies RESEARCH Michael Helder Head of Research Head of Research Henner Rüschmelor 149 40 309537-250 Head of Research Henner Rüschmelor 149 40 309537-260 Henner Rüschmelor 149 40 309537-260 Henner Rüschmelor 149 40 309537-163 Stoffan Augustin 149 40 309537-163 Sungaling-Helder 149 40 309537-163 Sungaling	EQUITIES			
ResEARCH		. 40, 40, 2002, 2070		
Michael Heider 4-94 03 09837-280 mieleding/wenturg-research com Heider 4-94 03 09837-270 mieleding/wenturg-research com Honner Rischmeier 4-94 03 09837-180 mieleding/wenturg-research com hruse/mieleg/wenturg-research com hru	Head of Equities			
	RESEARCH			
	Michael Heider			
Stefan Augustin			,	= · · ·
Stofan Augustin 49 40 309537-168 Andreas Pilsier 4.4 4.9 309537-260 Cap. Goods. Ergimening saugustin/gwarburg-research com Jan Bauer 4.9 4.0 309537-155 Malte Schaumann paleaeling/gwarburg-research com Inchology machanann@warburg-research com Inchology ochwara@warburg-research com Inchology Oliver Schwaz Cshwaz Cswaz				
Samp				
Bauer@warburg-research.com Jonas Blum 4-9.4 0.3085.77-26 John 4-9.4 0.3085.77-26 Christian Cohrs 4-9.4 0.3085.77-26 Christian Cohrs 4-9.4 0.3085.77-16 Christian Christian Cohrs 4-9.4 0.3085.77-16 Christian	Cap. Goods, Engineering			
Jonas Blum Tatos, Media, Construction jbum@warbug-research.com cocheage.com				
Telco, Media, Construction jblum@warburg-research.com Chmicatian Cohrs Asp 4.0 300537-175 Simon Stippig Asp 4.0 300537-175 Simon Stippig Asp 4.0 300537-187 Asp 4.0 300537-187 Asp 5.0 km/s 1.0 km/s		,	==	
Industrials & Transportation Dr. Christian Ehmann Broten, Life Science Polity Ellmann Stage Science Polity Ellmann Schemann Schreib, Life Science Polity Ellmann Marius Fuhrberg Had 30 309537-280 Rubail, Consumer Goods Marius Fuhrberg Marius Fuhrberg Hadail, Consumer Goods Marius Fuhrberg Marius Fuhrberg Hadail, Consumer Goods Hadail, Consumer Goods Marius Fuhrberg Hadail, Consumer Goods Hadail, Consumer	Telco, Media, Construction			
BioTech, Life Science cehmann@warburg-research.com Filit Ellmann				
Felix Ellmann Software, IT fellmann@warburg-research.com Jörg Philipp Frey Retail, Consumer Goods Jirey@warburg-research.com Marius Furbrorg Adja 0 309537-258 Retail, Consumer Goods Jirey@warburg-research.com Marius Furbrorg Adja 0 309537-258 Retail, Consumer Goods Jirey@warburg-research.com Marius Furbrorg Adja 0 309537-258 Retail, Consumer Goods Jirey@warburg-research.com Marius Furbrorg Adja 0 309537-258 Retail, Consumer Goods Jirey@warburg-research.com Andras Wolf Adja 0 309537-258 Retail, Consumer Goods Andras Wolf Adja 0 309537-258 Retail Gewites Andras Wolf Adja 0 309537-258 Andras Molta 0 49 49 6 9505-7415 Andras Polar Marketing Adja 0 49 49 6 9505-7415 Andras Polar Marketing Andras Marketing Andras Polar Marketing Andras Polar Marketing Andras Marketing Andras Polar Marketing And	Dr. Christian Ehmann	+49 40 309537-167	Cansu Tatar	**
Software, IT fellmann@warburg-research.com Jorg Philipp Froy	BioTech, Life Science	cehmann@warburg-research.com	Cap. Goods, Engineering	
Jörg Philipp Frey Retall, Consumer Goods Marius Fuhrberg	Felix Ellmann Software, IT			=
Marius Fuhrberg 1.49 40 309537-185 Androass Wolf 3.49 40 309537-140 Financial Services mfuhrberg@warburg-research.com Assemble Schware, IT 3.49 40 309537-240 Multomobiles, Car Suppliers 4.49 40 309537-250 Androass Wolf 3.49 40 309537-260 Phillipp Kaises 4.99 40 309537-260 Androass Wolf 3.49 40 309537-260 INSTITUTIONAL EQUITY SALES Marc Niemann 4.49 40 3282-2660 Maximilian Martin 4.49 69 5050-7413 Head of Equily Sales, Germany miniemani@mmwarburg.com Maximilian Martin 4.49 69 5050-7410 Head of Equily Sales, Germany Maximilian martin 4.49 69 5050-7410 Austria, Poland Austria, Poland <td>Jörg Philipp Frey</td> <td></td> <td></td> <td></td>	Jörg Philipp Frey			
Mustafa Hidir			• •	
Mustafa Hidir Automobiles, Car Suppliers Inhidir@warburg-research.com Philipp Kaiser Real Estate Real				
Automobiles, Car Suppliers mhidir@warburg-research.com Philipp Kaiser search.com pkaiser@warburg-research.com pkaiser@warburg-resear			Gottware, 11	awon@warburg-research.com
INSTITUTIONAL EQUITY SALES Marc Niemann	Automobiles, Car Suppliers			
Marc Niemann Head of Equity Sales, Germany Marc Niemann	Philipp Kaiser Real Estate			
Marc Niemann Head of Equity Sales, Germany Marc Niemann	INSTITUTIONAL EQUI	TY SALES		
Head of Equity Sales, Germany Minemann@mmwarburg.com Klaus Schilling Hay 69 5050-7400 Christopher Seedorf H49 40 3282-2695 Head of Equity Sales, Germany Kschilling@mmwarburg.com Kschilling@mmwarburg.com H49 40 3282-2665 United Kingdom Ibeckmann@mmwarburg.com H49 49 03282-2665 United Kingdom, Ireland Ibogdanova@mmwarburg.com Jean Buchmüller H49 69 5050-7411 Scandinavia, Austria Ibuchmueller@mmwarburg.com Alexander Eschweiler H49 40 3282-2669 Sophie Hauer H49 40 3282-2669 Sophie Hauer H49 40 3282-2669 Austria Stritisch H49 40 3282-2669 Auftred Kingdom Marketing seaschweiler@mmwarburg.com Matthias Fritsch H49 40 3282-2669 Auftred Kingdom Marketing seaschweiler@mmwarburg.com Roadshow/Marketing jniemann@mmwarburg.com Roadshow/Marketing jniemann@mmwarburg.com Roadshow/Marketing jniemann@mmwarburg.com SALES TRADING Oliver Merckel H49 40 3282-2694 Roadshow/Marketing jniemann@mmwarburg.com Sales Trading mmagiera@mmwarburg.com Sales Trading Marketing mmagiera@mmwarburg.com Sales Trading Marketing mmagiera@mmwarburg.com Sales Trading mmagiera@mmwarburg.com Sales Trading by Bastian Quast H49 40 3282-2702 Sales Trading minemarburg.com Sales Trading by Bastian Quast H49 40 3282-2702 Sales Trading minemarburg.com Sales Trading by Bastian Quast H49 40 3282-2703 Sales Trading minemarburg.com Sales Trading by Bastian Quast H49 40 3282-2703 Sales Trading by Bastian Quast H49 40 3282-2658 Sales Trading by Bastian Quast H49 40 3282-2703 Sales Trading by Bastian Quast H49 40 3282-2703 Sales Trading by Bastian Quast H49 40 3282-2703 Sales Trading by Bastian Quast H49 40 3282-2658 Sales Trading by Bastian Quast H49 40 3282-2659 Sales Trading by Bastian Quas			Maximilian Martin	+49 69 5050-7413
Head of Equity Sales, Germany kschilling@mmwarburg.com Tim Beckmann 1 +49 40 3282-2665 United Kingdom 1 beckmann@mmwarburg.com Lea Bogdanova 1 +49 69 5050-7411 United Kingdom, Ireland United Kingdom Sophie Hauer S	Head of Equity Sales, Germany			
Tim Beckmann United Kingdom United Kingdom, Ireland United Kingdom United K	Klaus Schilling			
United Kingdom theekmann@mmwarburg.com Lea Bogdanova			Switzerland	cseedorf@mmwarburg.com
Lea Bogdanova				
United Kingdom, Ireland Jens Buchmüller +49 69 5050-7415 Scandinavia, Austria Alexander Eschweiler Alexander Eschweiler Alexander Eschweiler 449 40 3282-2669 Alexander Eschweiler Alexander Eschweiler Alexander Eschweiler 449 40 3282-2669 Acadshow/Marketing	•			
Scandinavia, Austria jbuchmueller@mmwarburg.com Alexander Eschweiler		lbogdanova@mmwarburg.com		
Alexander Eschweiler Germany, Luxembourg Germany, Luxembourg Germany, Luxembourg Alexander Fritsch A				
Germany, Luxembourg aeschweiler@mmwarburg.com Matthias Fritsch United Kingdom mritisch@mmwarburg.com Matthias Fritsch United Kingdom mritisch@mmwarburg.com Moadshow/Marketing shauer@mmwarburg.com Moadshow/Marketing shauer@mmwarburg.com Moadshow/Marketing pinemann@mmwarburg.com Marketing pinemann@mmwarburg.com Marketing pinemann@mmwarburg.com SALES TRADING Oliver Merckel	,	, ,	Octobra Harran	. 40 00 5050 7447
Matthias Fritsch United Kingdom Mritisch@mmwarburg.com Macdshow/Marketing Marcel Magiera Head of Sales Trading Head of Sales Trading Macrel Magiera Macrel Magiera Head of Sales Trading Macrel Magi				
United Kingdom Mfritsch@mmwarburg.com Roadshow/Marketing jniemann@mmwarburg.com SALES TRADING Oliver Merckel +49 40 3282-2634 Marcel Magiera +49 40 3282-2662 Head of Sales Trading omerckel@mmwarburg.com Sales Trading mmagiera@mmwarburg.com Elyaz Dust +49 40 3282-2702 Bastian Quast +49 40 3282-2701 Sales Trading edust@mmwarburg.com Sales Trading bquast@mmwarburg.com Michael Ilgenstein +49 40 3282-2700 Jörg Treptow +49 40 3282-2658 Sales Trading interprotection interpretation inter	•	9	· ·	g g
SALES TRADING Oliver Merckel				
Oliver Merckel +49 40 3282-2634 Marcel Magiera +49 40 3282-2662 Head of Sales Trading omerckel@mmwarburg.com Sales Trading mmagiera@mmwarburg.com Elyaz Dust +49 40 3282-2702 Bastian Quast +49 40 3282-2701 Sales Trading edust@mmwarburg.com Sales Trading bquast@mmwarburg.com Michael Ilgenstein +49 40 3282-2700 Jörg Treptow +49 40 3282-2658 Sales Trading milgenstein@mmwarburg.com Sales Trading jtreptow@mmwarburg.com MACRO RESEARCH Carsten Klude +49 40 3282-2572 Dr. Christian Jasperneite +49 40 3282-2439 Macro Research can be found under: Warburg Research research.mmwarburg.com/en/index.html Refinitiv Bloomberg RESP MMWA GO Capital IQ www.capitaliq.com	SALES TRADING			
Head of Sales Trading omerckel@mmwarburg.com Elyaz Dust		+40 40 3282-2634	Marcol Magiora	+49.40.3282-2662
Elyaz Dust			<u>-</u>	
Michael Ilgenstein +49 40 3282-2700 Sales Trading milgenstein@mmwarburg.com Sales Trading jtreptow@mmwarburg.com MACRO RESEARCH Carsten Klude +49 40 3282-2572 Dr. Christian Jasperneite +49 40 3282-2439 Investment Strategy cjasperneite@mmwarburg.com Our research can be found under: Warburg Research research.mmwarburg.com/en/index.html Refinitiv Bloomberg RESP MMWA GO Capital IQ www.capitaliq.com	Elyaz Dust		Bastian Quast	
Sales Trading milgenstein@mmwarburg.com Sales Trading jtreptow@mmwarburg.com MACRO RESEARCH Carsten Klude	· ·	9	•	. –
Carsten Klude Macro Research Macro R	Michael Ilgenstein Sales Trading		o .	
Macro Research can be found under: Warburg Research research.mmwarburg.com/en/index.html Refinitiv www.refinitiv.com Bloomberg RESP MMWA GO Capital IQ www.capitaliq.com	MACRO RESEARCH			,, ,
Our research can be found under: Warburg Research research.mmwarburg.com/en/index.html Refinitiv www.refinitiv.com Bloomberg RESP MMWA GO Capital IQ www.capitaliq.com			•	
Warburg Research research.mmwarburg.com/en/index.html Refinitiv www.refinitiv.com Bloomberg RESP MMWA GO Capital IQ www.capitaliq.com			invocation or drogy	Systemotic Williams Durg.com
Bloomberg RESP MMWA GO Capital IQ www.capitaliq.com			Definition.	E. 141
·	· ·	· · · · · · · · · · · · · · · · · · ·		
E3CISEL WWW.tacted.com	•		Capital IQ	www.capitaiiq.com
		www.factset.com		
For access please contact:				
·	Andrea Schaper Sales Assistance		_	
Calco / Sociolatico Milutily@fillilwalbulg.com Calco Assistance Milutily@fillilwalbulg.com	Caros / Issistante	asonapen@mmwanung.com	Caico Assistante	Kindung@ilinwaiburg.com