(MDAX, Financial Services, HYQ GR)



Dung		Value Indicators:	EUR	Warburg ESG Risk Score:	3.7	Description:	
Buy		DCF:	594.90	ESG Score (MSCI based):	4.0	Technology-based financial	earvices
				Balance Sheet Score:	4.0	provider	SCI VICES
EUR <b>595.00</b>	(EUR 615.00)			Market Liquidity Score:	3.0	·	
		Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2021e
		Market cap:	2,194.29	Freefloat	61.7 %	Beta:	1.1
Price	EUR 351.20	No. of shares (m):	6.25	Revenia (Ronald Slabke)	34.6 %	Price / Book:	9.4 x
Upside	69.4 %	EV:	2,268.14	Treasury shares	3.7 %	Equity Ratio:	50 %
		Freefloat MC:	1,353.88			Net Fin. Debt / EBITDA:	1.5 x
		Ø Trad. Vol. (30d):	3.29 m			Net Debt / EBITDA:	1.6 x

#### Growth prospects remain bright but require higher investments

in EUR m	Q4/21	Q4/20	yoy	Q4/21e	Δ WRe	FY/21	FY/20	yoy	FY/21e	Δ WRe
Private Client:	5									
Revenue	33.8	28.8	17%	33.3	1%	134.9	122.2	10%	134.4	0%
EBIT	5.2	3.9	32%	5.7	-9%	22.9	17.7	29%	23.4	-2%
margin	15.3%	13.5%		17.0%		17.0%	14.5%		17.4%	
Credit Platforn	n	-					100			
Revenue	60.2	48.6	24%	53.7	12%	207.3	169.5	22%	200.8	3%
EBIT	21.2	14.1	50%	12.6	68%	56.6	39.3	44%	48.0	18%
margin	35.2%	29.0%		23.5%		27.3%	22.1%		23.9%	
Real estate Pl	atform									
Revenue	15.0	13.9	8%	15.3	-2%	57.7	52.8	9%	58.1	-1%
EBIT	-4.2	-2.0	108%	-2.2	92%	-7.8	-3.9	100%	-5.8	34%
margin	-27.8%	-14.4%		-14.1%		-13.5%	-7.4%		-10.0%	
Insurance Plat	tform									
Revenue	12.5	12.1	3%	13.4	-7%	48.1	45.0	7%	49.0	-2%
EBIT	-0.9	0.1	-981%	-0.8	7%	-3.0	-0.9		-2.9	2%
margin	-7.1%	0.8%		-6.1%		-6.2%	-2.0%		-6.0%	
Consolidation	effects									
Revenue	-0.5	-1.1	-55%	-0.3		-1.7	-2.4		-1.5	
EBIT	-7.1	-3.9	81%	-4.1		-21.0	-15.8	33%	-18.0	
Group	7									
Revenue	115.5	103.0	12%	115.5	0%	446.3	387.1	15%	440.8	1%
EBIT	11.2	9.9	13%	11.2	0%	47.7	36.4	31%	44.6	7%
margin	9.7%	9.6%		9.7%		10.7%	9.4%		10.1%	

- The Credit Platform segment grew strongly, driven by continued market share gains. Furthermore, REM Capital made a significant contribution, driven by a favourable change in subsidy schemes. This had a positive impact of about EUR 4-5m on the segment's EBIT.
- The Real Estate Platform and Insurance Platform segments have not yet achieved satisfactory growth rates. However, both segments are still characterised by significant investments in future growth, which leads to current losses at EBIT level.
- The Private Clients segment performed solidly and continued on its growth path with stable EBIT margins.

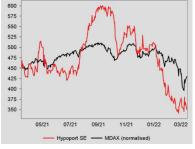
Hypoport reported detailed preliminary figures for 2021 and gave guidance for 2022. In Q4, the Credit Platform segment performed significantly better than expected, especially with regard to the EBIT margin. This was the result of an exceptionally strong development of the corporate finance business, which benefited from a new subsidy scheme in H2 2021. Furthermore, private loans developed well and added to the good performance as they usually come with higher margins. However, Hypoport invested significantly in the further growth of its Real Estate Platform and Insurance Platform segments, which prevented an even better margin development. For 2022, the company expects sales between EUR 500-540m and EBIT between EUR 51-58m, not including a repetition of the exceptional performance of REM Capital.

Assessment: The strong performance of the corporate finance business was even better than expected. However, repeating this performance would require an external push from the next subsidy scheme, which is not yet visible for 2022. Given the continued high investment in future growth, we adjust our financial model accordingly. Nonetheless, we believe the company remains perfectly on track to digitise its covered markets and continue its growth path with subsequent margin expansion. Buy rating reiterated with a PT of EUR 595.

Changes in E	Estimates:					
FY End: 31.12. in EUR m	2021e (old)	+/-	2022e (old)	+ / -	2023e (old)	+/-
Sales EBIT EPS	440.81 44.65 5.41	1.3 % 4.8 % -9.2 %	523.34 65.96 8.06	-1.8 % -13.8 % -14.0 %	620.04 87.53 10.75	-4.2 % -20.1 % -20.4 %

#### Comment on Changes:

- Short-term margin adjustments are the result of higher than expected growth investments.
- The positive contribution of REM Capital is not expected to be repeated in 2022. However, a potential new subsidy scheme could again result in a significant outperformance, which is not yet included in our estimates.

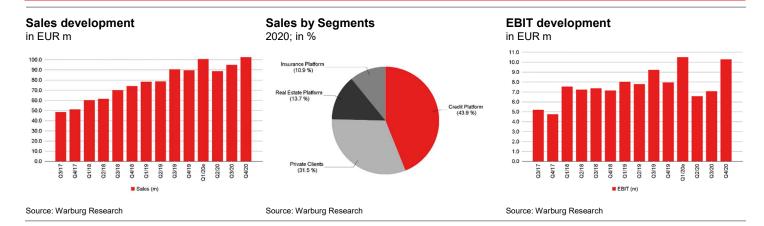


Rel. Performance vs MDAX:	
1 month:	2.0 %
6 months:	-27.2 %
Year to date:	-18.2 %
Trailing 12 months:	-13.7 %

Company events:	
28.03.22	FY 2021
09.05.22	Q1
08.08.22	Q2
14.11.22	Q3

FY End: 31.12. in EUR m	CAGR (20-23e)	2017	2018	2019	2020	2021e	2022e	2023e
Sales	15.4 %	194.86	265.96	337.24	387.00	446.49	514.14	594.24
Change Sales yoy		24.4 %	36.5 %	26.8 %	14.8 %	15.4 %	15.2 %	15.6 %
Gross profit margin		56.1 %	56.7 %	58.9 %	57.6 %	58.3 %	58.6 %	58.9 %
EBITDA	23.1 %	30.12	39.09	52.22	48.56	62.75	74.92	90.56
Margin		15.5 %	14.7 %	15.5 %	12.5 %	14.1 %	14.6 %	15.2 %
EBIT	26.6 %	23.32	29.29	33.01	34.46	46.80	56.87	69.97
Margin		12.0 %	11.0 %	9.8 %	8.9 %	10.5 %	11.1 %	11.8 %
Net income	27.4 %	18.42	22.47	24.40	25.88	30.67	43.31	53.50
EPS	27.4 %	3.10	3.60	3.90	4.14	4.91	6.93	8.56
EPS adj.	27.4 %	3.10	3.60	3.90	4.14	4.91	6.93	8.56
DPS	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dividend Yield		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCFPS		-0.48	2.75	3.07	0.17	2.64	5.68	7.55
FCF / Market cap		-0.4 %	1.7 %	1.4 %	0.0 %	0.8 %	1.6 %	2.2 %
EV / Sales		3.5 x	3.9 x	4.4 x	6.7 x	5.1 x	4.4 x	3.8 x
EV / EBITDA		22.6 x	26.7 x	28.5 x	53.7 x	36.5 x	30.3 x	24.7 x
EV / EBIT		29.1 x	35.6 x	45.0 x	75.7 x	49.0 x	39.9 x	31.9 x
P/E		36.8 x	44.2 x	57.2 x	96.9 x	71.5 x	50.7 x	41.0 x
P / E adj.		36.8 x	44.2 x	57.2 x	96.9 x	71.5 x	50.7 x	41.0 x
FCF Potential Yield		3.8 %	3.2 %	3.0 %	1.6 %	2.1 %	2.8 %	3.4 %
Net Debt		2.15	49.26	90.89	101.84	97.32	73.86	38.67
ROCE (NOPAT)		27.1 %	16.3 %	10.9 %	9.3 %	10.0 %	12.9 %	15.1 %
Guidance:	2021: Revenu	e between E	UR 500m an	d 540m and l	EBIT betwee	n EUR 51m a	and 58m	



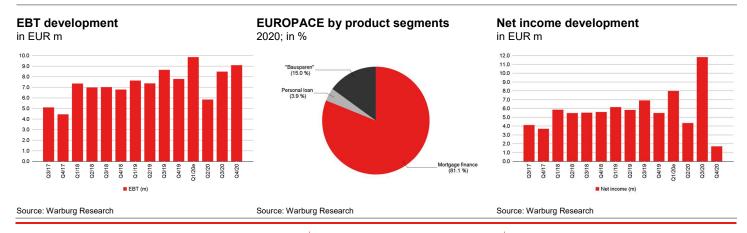


#### **Company Background**

- The company, founded in 1999, is specialised as a property financing intermediary and is expanding its value chain towards the insurance and real estate sectors
- With EUROPACE, Hypoport operates the largest German online B2B platform for property financing and similar products
- Under the Dr. Klein brand, Hypoport operates a franchise system of stationary advisors for private customers
- Hypoport is also in a leading position in the area of institutional property financing (also under the Dr. Klein brand)
- An advanced level of technology is shown in all segments (fintech)

#### **Competitive Quality**

- The online B2B marketplace for property financing (EUROPACE) is the largest of its kind in Germany
- As the number of affiliated suppliers is decisive for marketplaces of this type, this forms a central competitive advantage and a considerable market entry barrier for third parties.
- The Dr. Klein business segments (private clients) benefits from market access over EUROPACE but also from the many years of experience in the area of property financing
- Most importantly however Dr. Klein is strongly focused on property financing and neutral (with offers from every provider). Other financial sales teams or retail banks normally cannot afford both.
- The new platform businesses insurance platform and real estate platform should strongly benefit of the market-leading credit platform and the excellent track record of the company.





DCF model														
	Detaile	d forecas	t period					Transitio	nal period	l				Term. Value
Figures in EUR m	2021e	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	
Sales	446.49	514.14	594.24	686.74	784.10	872.08	983.51	1,081.86	1,179.23	1,261.77	1,312.24	1,359.48	1,400.27	
Sales change	15.4 %	15.2 %	15.6 %	15.6 %	14.2 %	11.2 %	12.8 %	10.0 %	9.0 %	7.0 %	4.0 %	3.6 %	3.0 %	2.5 %
EBIT	33.22	34.42	47.76	86.62	118.46	149.29	190.37	227.19	271.22	315.44	328.06	339.87	350.07	
EBIT-margin	10.7 %	11.1 %	11.8 %	12.6 %	15.1 %	17.1 %	19.4 %	21.0 %	23.0 %	25.0 %	25.0 %	25.0 %	25.0 %	
Tax rate (EBT)	32.0 %	22.2 %	22.2 %	22.0 %	22.0 %	22.0 %	22.0 %	22.0 %	22.0 %	22.0 %	22.0 %	22.0 %	22.0 %	
NOPAT	22.59	26.78	37.16	67.57	92.40	116.44	148.49	177.21	211.55	246.05	255.89	265.10	273.05	
Depreciation	29.53	40.50	42.80	27.47	31.36	34.88	39.34	43.27	47.17	50.47	52.49	54.38	56.01	
in % of Sales	6.6 %	7.9 %	7.2 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	
Changes in provisions	0.00	0.00	0.00	-0.23	0.10	0.09	0.11	0.10	0.10	0.08	0.05	0.05	0.04	
Change in Liquidity from														
- Working Capital	5.10	5.90	6.90	10.41	8.76	7.92	10.03	8.85	8.76	7.43	4.54	4.25	3.67	
- Capex	25.00	20.00	20.00	27.47	31.36	34.88	39.34	43.27	47.17	50.47	52.49	54.38	56.01	
Capex in % of Sales	5.6 %	3.9 %	3.4 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	
- Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Free Cash Flow (WACC Model)	22.02	41.38	53.05	56.93	83.74	108.61	138.57	168.46	202.89	238.70	251.40	260.90	269.42	277
PV of FCF	22.40	39.31	47.06	47.15	64.77	78.44	93.45	106.09	119.31	131.08	128.91	124.92	120.47	2,696
share of PVs		2.85 %						26.5	7 %					70.59 %

Model parameter				Valuation (m)			
Derivation of WACC:		Derivation of Beta:		Present values 2033e	1,123		
				Terminal Value	2,696		
Debt ratio	4.80 %	Financial Strength	1.00	Financial liabilities	118		
Cost of debt (after tax)	2.3 %	Liquidity (share)	1.20	Pension liabilities	1		
Market return	7.00 %	Cyclicality	1.00	Hybrid capital	0		
Risk free rate	1.50 %	Transparency	1.00	Minority interest	0		
		Others	1.10	Market val. of investments	0		
				Liquidity	18	No. of shares (m)	6.2
WACC	7.09 %	Beta	1.06	Equity Value	3,717	Value per share (EUR)	594.90

Selis	itivity va	nue per Sna	are (EUK	)													
		Terminal C	Growth								Delta EBIT	Γ-margin					
Beta	WACC	1.75 %	2.00 %	2.25 %	2.50 %	2.75 %	3.00 %	3.25 %	Beta 1	WACC	-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.25	8.1 %	431.79	443.29	455.77	469.37	484.23	500.56	518.58	1.25	8.1 %	442.79	453.87	464.95	476.03	487.11	498.19	509.27
1.16	7.6 %	478.51	492.87	508.57	525.81	544.84	565.94	589.46	1.16	7.6 %	495.79	508.03	520.27	532.50	544.74	556.98	569.22
1.11	7.3 %	505.12	521.26	538.98	558.53	580.21	604.39	631.53	1.11	7.3 %	526.51	539.42	552.33	565.24	578.15	591.06	603.97
1.06	7.1 %	534.31	552.52	572.62	594.90	619.75	647.64	679.16	1.06	7.1 %	560.66	574.31	587.96	601.62	615.27	628.93	642.58
1.01	6.8 %	566.45	587.11	610.01	635.55	664.22	696.61	733.52	1.01	6.8 %	598.83	613.31	627.80	642.28	656.77	671.26	685.74
0.96	6.6 %	602.01	625.55	651.81	681.27	714.58	752.51	796.13	0.96	6.6 %	641.76	657.18	672.60	688.02	703.44	718.86	734.28
0.87	6.1 %	685.75	716.89	752.08	792.18	838.27	891.82	954.80	0.87	6.1 %	745.90	763.58	781.27	798.95	816.63	834.31	851.99

- The growth anticipated for Hypoport is based on robust business development in all segments
- Credit platform segment (EUROPACE) in particular offers systematic potential for economies of scale and margin growth
- On this basis we assume a positive long-term margin trend
- Based on a sophisticated regional dispersion of tax obligations a low tax rate is assumed long term.



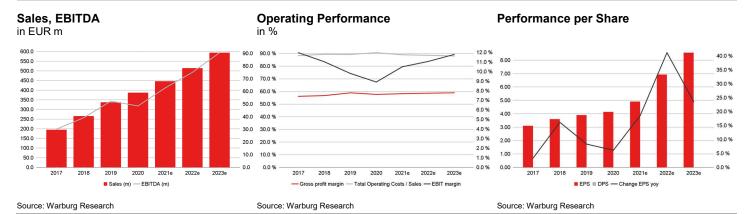
Valuation							
	2017	2018	2019	2020	2021e	2022e	2023e
Price / Book	8.2 x	6.5 x	7.8 x	12.3 x	9.4 x	7.9 x	6.6 x
Book value per share ex intangibles	4.41	-6.00	-11.24	-12.12	-11.22	-7.25	-1.33
EV / Sales	3.5 x	3.9 x	4.4 x	6.7 x	5.1 x	4.4 x	3.8 x
EV / EBITDA	22.6 x	26.7 x	28.5 x	53.7 x	36.5 x	30.3 x	24.7 x
EV / EBIT	29.1 x	35.6 x	45.0 x	75.7 x	49.0 x	39.9 x	31.9 x
EV / EBIT adj.*	29.1 x	35.6 x	45.0 x	75.7 x	49.0 x	39.9 x	31.9 x
P/FCF	n.a.	57.8 x	72.7 x	n.a.	132.8 x	61.9 x	46.5 x
P/E	36.8 x	44.2 x	57.2 x	96.9 x	71.5 x	50.7 x	41.0 x
P / E adj.*	36.8 x	44.2 x	57.2 x	96.9 x	71.5 x	50.7 x	41.0 x
Dividend Yield	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCF Potential Yield (on market EV)	3.8 %	3.2 %	3.0 %	1.6 %	2.1 %	2.8 %	3.4 %
*Adjustments made for: -							



Consolidated profit & loss							
In EUR m	2017	2018	2019	2020	2021e	2022e	2023
Sales	194.86	265.96	337.24	387.00	446.49	514.14	594.24
Change Sales yoy	24.4 %	36.5 %	26.8 %	14.8 %	15.4 %	15.2 %	15.6 %
Increase / decrease in inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Own work capitalised	6.99	10.71	16.58	12.38	13.39	16.45	19.02
Total Sales	201.84	276.67	353.82	399.38	459.88	530.60	613.25
Material expenses	92.57	125.78	155.32	176.29	199.76	229.32	263.18
Gross profit	109.27	150.89	198.50	223.09	260.12	301.27	350.07
Gross profit margin	56.1 %	56.7 %	58.9 %	57.6 %	58.3 %	58.6 %	58.9 %
Personnel expenses	58.56	81.75	106.64	130.46	147.53	169.19	193.98
Other operating income	4.52	3.95	3.03	5.29	5.98	6.86	7.86
Other operating expenses	25.35	34.27	42.06	49.36	55.82	64.02	73.40
Unfrequent items	0.26	0.26	-0.62	0.00	0.00	0.00	0.00
EBITDA	30.12	39.09	52.22	48.56	62.75	74.92	90.56
Margin	15.5 %	14.7 %	15.5 %	12.5 %	14.1 %	14.6 %	15.2 %
Depreciation of fixed assets	1.69	2.89	9.69	3.53	3.99	4.51	5.15
EBITA	28.44	36.20	42.52	45.04	58.76	70.41	85.41
Amortisation of intangible assets	5.12	6.91	9.52	10.58	11.96	13.54	15.44
Goodwill amortisation	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EBIT	23.32	29.29	33.01	34.46	46.80	56.87	69.97
Margin	12.0 %	11.0 %	9.8 %	8.9 %	10.5 %	11.1 %	11.8 %
EBIT adj.	23.32	29.29	33.01	34.46	46.80	56.87	69.97
Interest income	0.55	0.58	0.51	0.80	0.80	0.80	0.80
Interest expenses	0.88	1.74	2.07	2.20	2.70	2.20	2.20
Other financial income (loss)	0.00	0.00	0.00	0.20	0.20	0.20	0.20
EBT	22.99	28.13	31.44	33.26	45.10	55.67	68.77
Margin	11.8 %	10.6 %	9.3 %	8.6 %	10.1 %	10.8 %	11.6 %
Total taxes	4.56	5.67	7.04	7.38	14.43	12.36	15.27
Net income from continuing operations	18.43	22.47	24.40	25.88	30.67	43.31	53.50
Income from discontinued operations (net of tax)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net income before minorities	18.43	22.47	24.40	25.88	30.67	43.31	53.50
Minority interest	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net income	18.42	22.47	24.40	25.88	30.67	43.31	53.50
Margin	9.5 %	8.4 %	7.2 %	6.7 %	6.9 %	8.4 %	9.0 %
Number of shares, average	5.94	6.25	6.25	6.25	6.25	6.25	6.25
EPS	3.10	3.60	3.90	4.14	4.91	6.93	8.56
EPS adj.	3.10	3.60	3.90	4.14	4.91	6.93	8.56
*Adjustments made for:							

Guidance: 2021: Revenue between EUR 500m and 540m and EBIT between EUR 51m and 58m

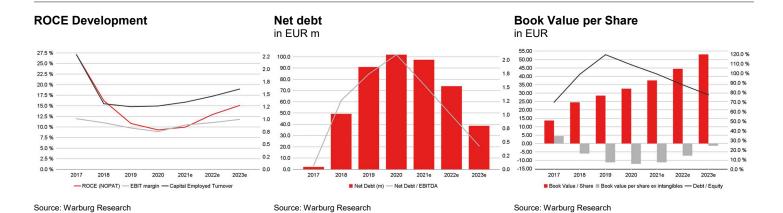
Financial Ratios							
	2017	2018	2019	2020	2021e	2022e	2023e
Total Operating Costs / Sales	88.3 %	89.4 %	89.2 %	90.7 %	88.9 %	88.6 %	88.0 %
Operating Leverage	0.0 x	0.7 x	0.5 x	0.3 x	2.3 x	1.4 x	1.5 x
EBITDA / Interest expenses	34.3 x	22.5 x	25.2 x	22.1 x	23.2 x	34.1 x	41.2 x
Tax rate (EBT)	19.9 %	20.1 %	22.4 %	22.2 %	32.0 %	22.2 %	22.2 %
Dividend Payout Ratio	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Sales per Employee	n.a.						





Consolidated balance sheet							
In EUR m	2017	2018	2019	2020	2021e	2022e	2023
Assets							
Goodwill and other intangible assets	55.97	190.64	248.24	279.66	304.70	323.16	339.7
thereof other intangible assets	6.77	25.74	14.64	46.06	71.10	89.56	106.1
thereof Goodwill	24.77	140.46	186.40	186.40	186.40	186.40	186.4
Property, plant and equipment	4.45	10.33	34.99	31.46	27.47	22.96	17.8
Financial assets	1.43	0.29	0.19	0.19	0.19	0.19	0.1
Other long-term assets	4.09	12.15	14.14	14.14	14.14	14.14	14.1
Fixed assets	65.93	213.41	297.56	325.46	346.51	360.46	371.8
Inventories	0.00	0.78	1.09	0.00	0.00	0.00	0.0
Accounts receivable	49.14	54.22	63.07	78.90	91.00	104.80	121.1
Liquid assets	14.33	31.76	24.89	17.55	25.67	52.73	91.5
Other short-term assets	11.57	5.45	4.97	4.97	4.97	4.97	4.9
Current assets	75.05	92.21	94.02	101.42	121.64	162.50	217.5
Total Assets	141.00	305.60	391.60	426.90	468.10	523.00	589.5
Liabilities and shareholders' equity							
Subscribed capital	6.20	6.49	6.49	6.49	6.49	6.49	6.4
Capital reserve	2.91	50.59	51.11	51.11	51.11	51.11	51.1
Retained earnings	73.75	96.34	120.67	146.55	177.22	220.53	274.0
Other equity components	-0.25	-0.25	-0.24	-0.24	-0.24	-0.24	-0.2
Shareholders' equity	82.60	153.17	178.03	203.91	234.58	277.89	331.3
Minority interest	0.31	0.31	0.34	0.34	0.34	0.34	0.3
Total equity	82.91	153.48	178.38	204.25	234.92	278.23	331.7
Provisions	0.18	0.28	0.92	0.92	0.92	0.92	0.9
thereof provisions for pensions and similar obligations	0.18	0.28	0.92	0.92	0.92	0.92	0.9
Financial liabilities (total)	16.30	80.74	114.87	118.47	122.07	125.67	129.2
Short-term financial liabilities	2.94	9.78	16.41	16.41	16.41	16.41	16.4
Accounts payable	23.06	31.99	39.58	45.40	52.40	60.30	69.7
Other liabilities	18.53	39.12	57.84	57.84	57.84	57.84	57.8
Liabilities	58.07	152.13	213.20	222.62	233.22	244.72	257.7
Total liabilities and shareholders' equity	141.00	305.60	391.60	426.90	468.10	523.00	589.5

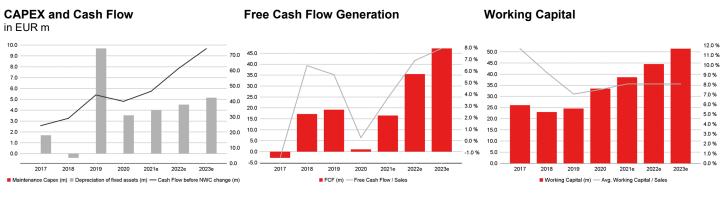
Financial Ratios							
	2017	2018	2019	2020	2021e	2022e	2023e
Efficiency of Capital Employment							
Operating Assets Turnover	6.4 x	8.0 x	5.7 x	6.0 x	6.8 x	7.6 x	8.6 x
Capital Employed Turnover	2.3 x	1.3 x	1.3 x	1.3 x	1.3 x	1.5 x	1.6 x
ROA	27.9 %	10.5 %	8.2 %	8.0 %	8.9 %	12.0 %	14.4 %
Return on Capital							
ROCE (NOPAT)	27.1 %	16.3 %	10.9 %	9.3 %	10.0 %	12.9 %	15.1 %
ROE	25.1 %	19.1 %	14.7 %	13.6 %	14.0 %	16.9 %	17.6 %
Adj. ROE	25.1 %	19.1 %	14.7 %	13.6 %	14.0 %	16.9 %	17.6 %
Balance sheet quality							
Net Debt	2.15	49.26	90.89	101.84	97.32	73.86	38.67
Net Financial Debt	1.97	48.98	89.98	100.92	96.40	72.94	37.75
Net Gearing	2.6 %	32.1 %	51.0 %	49.9 %	41.4 %	26.5 %	11.7 %
Net Fin. Debt / EBITDA	6.5 %	125.3 %	172.3 %	207.8 %	153.6 %	97.4 %	41.7 %
Book Value / Share	13.7	24.5	28.5	32.6	37.5	44.5	53.0
Book value per share ex intangibles	4.4	-6.0	-11.2	-12.1	-11.2	-7.2	-1.3





Consolidated cash flow statement							
In EUR m	2017	2018	2019	2020	2021e	2022e	2023
Net income	18.43	22.47	24.40	25.88	30.67	43.31	53.50
Depreciation of fixed assets	1.69	-0.39	9.69	3.53	3.99	4.51	5.15
Amortisation of goodwill	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Amortisation of intangible assets	5.12	6.91	9.52	10.58	11.96	13.54	15.44
Increase/decrease in long-term provisions	0.00	0.10	0.63	0.00	0.00	0.00	0.00
Other non-cash income and expenses	-0.92	0.00	0.00	0.00	0.00	0.00	0.00
Cash Flow before NWC change	24.31	29.09	44.24	39.98	46.62	61.36	74.09
Increase / decrease in inventory	0.00	-0.78	-0.31	1.09	0.00	0.00	0.00
Increase / decrease in accounts receivable	-11.05	-5.08	-8.85	-15.83	-12.10	-13.80	-16.30
Increase / decrease in accounts payable	4.35	8.93	7.59	5.82	7.00	7.90	9.40
Increase / decrease in other working capital positions	-9.36	7.67	3.53	0.00	0.00	0.00	0.00
Increase / decrease in working capital (total)	-16.06	10.75	1.97	-8.92	-5.10	-5.90	-6.90
Net cash provided by operating activities [1]	8.26	39.83	46.21	31.06	41.52	55.46	67.19
Investments in intangible assets	-8.00	-13.70	-27.02	-30.00	-25.00	-20.00	-20.00
Investments in property, plant and equipment	-2.00	-1.52	0.00	0.00	0.00	0.00	0.00
Payments for acquisitions	-9.56	-63.26	-33.04	-12.00	-12.00	-12.00	-12.00
Financial investments	0.55	0.00	0.02	0.00	0.00	0.00	0.00
Income from asset disposals	0.02	0.24	0.20	0.00	0.00	0.00	0.00
Net cash provided by investing activities [2]	-21.19	-85.64	-59.88	-42.00	-37.00	-32.00	-32.00
Change in financial liabilities	4.85	70.51	23.50	3.60	3.60	3.60	3.60
Dividends paid	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Purchase of own shares	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Capital measures	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	-7.27	-16.72	0.00	0.00	0.00	0.00
Net cash provided by financing activities [3]	4.85	63.23	6.78	3.60	3.60	3.60	3.60
Change in liquid funds [1]+[2]+[3]	-8.08	17.43	-6.90	-7.34	8.12	27.06	38.79
Effects of exchange-rate changes on cash	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cash and cash equivalent at end of period	14.33	31.76	24.86	17.55	25.67	52.73	91.52

Financial Ratios							
	2017	2018	2019	2020	2021e	2022e	2023e
Cash Flow							
FCF	-2.84	17.21	19.19	1.06	16.52	35.46	47.19
Free Cash Flow / Sales	-1.5 %	6.5 %	5.7 %	0.3 %	3.7 %	6.9 %	7.9 %
Free Cash Flow Potential	25.56	33.42	45.18	41.18	48.32	62.56	75.29
Free Cash Flow / Net Profit	-15.4 %	76.6 %	78.6 %	4.1 %	53.9 %	81.9 %	88.2 %
Interest Received / Avg. Cash	3.0 %	2.5 %	1.8 %	3.8 %	3.7 %	2.0 %	1.1 %
Interest Paid / Avg. Debt	6.5 %	3.6 %	2.1 %	1.9 %	2.2 %	1.8 %	1.7 %
Management of Funds							
Investment ratio	5.1 %	5.7 %	8.0 %	7.8 %	5.6 %	3.9 %	3.4 %
Maint. Capex / Sales	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Capex / Dep	146.9 %	155.4 %	140.7 %	212.7 %	156.7 %	110.8 %	97.1 %
Avg. Working Capital / Sales	11.7 %	9.2 %	7.1 %	7.5 %	8.1 %	8.1 %	8.1 %
Trade Debtors / Trade Creditors	213.1 %	169.5 %	159.3 %	173.8 %	173.7 %	173.8 %	173.7 %
Inventory Turnover	n.a.	161.3 x	142.9 x	n.a.	n.a.	n.a.	n.a.
Receivables collection period (days)	92	74	68	74	74	74	74
Payables payment period (days)	91	93	93	94	96	96	97
Cash conversion cycle (Days)	n.a.	-16	-22	n.a.	n.a.	n.a.	n.a.



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 <a href="http://www.mmwarburg.de/disclaimer/disclaimer.htm#Valuation">http://www.mmwarburg.de/disclaimer/disclaimer.htm#Valuation</a>). 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.

Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
HYPOPORT	5	http://www.mmwarburg.com/disclaimer/disclaimer en/DE0005493365.htm

COMMENT Published 15.03.2022

10

Rating suspended



1

#### **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 m				
-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.			
<b>"_</b> "	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	169	79
Hold	36	17
Sell	5	2

# Total 213 100

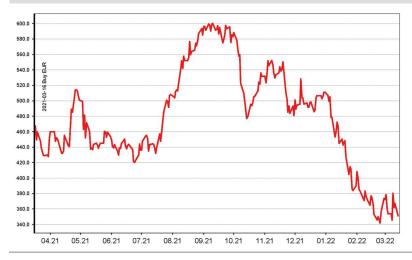
3

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

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

Rating	Number of stocks	% of Universe
Buy	51	86
Hold	5	8
Sell	1	2
Rating suspended	2	3
Total	59	100

#### PRICE AND RATING HISTORY HYPOPORT AS OF 15.03.2022



Markings in the chart show rating changes by Warburg Research GmbH in the last 12 months. Every marking details the date and closing price on the day of the rating change.



FOULTIES			
EQUITIES			
Matthias Rode Head of Equities	+49 40 3282-2678 mrode@mmwarburg.com		
RESEARCH			
Michael Heider	+49 40 309537-280	Thilo Kleibauer	+49 40 309537-257
Head of Research	mheider@warburg-research.com	Retail, Consumer Goods	tkleibauer@warburg-research.com
Henner Rüschmeier Head of Research	+49 40 309537-270 hrueschmeier@warburg-research.com	Eggert Kuls Engineering	+49 40 309537-256 ekuls@warburg-research.com
Stefan Augustin	+49 40 309537-168	Andreas Pläsier	+49 40 309537-246
Cap. Goods, Engineering	saugustin@warburg-research.com	Banks, Financial Services	aplaesier@warburg-research.com
Jan Bauer Renewables	+49 40 309537-155	Malte Schaumann Technology	+49 40 309537-170
Jonas Blum	jbauer@warburg-research.com +49 40 309537-240	Oliver Schwarz	mschaumann@warburg-research.com +49 40 309537-250
Telco, Media, Construction	jblum@warburg-research.com	Chemicals, Agriculture	oschwarz@warburg-research.com
Christian Cohrs Industrials & Transportation	+49 40 309537-175 ccohrs@warburg-research.com	Simon Stippig Real Estate	+49 40 309537-265 sstippig@warburg-research.com
Dr. Christian Ehmann	+49 40 309537-167	Cansu Tatar	+49 40 309537-248
BioTech, Life Science	cehmann@warburg-research.com	Cap. Goods, Engineering	ctatar@warburg-research.com
Felix Ellmann Software, IT	+49 40 309537-120	Marc-René Tonn Automobiles, Car Suppliers	+49 40 309537-259
Jörg Philipp Frey	fellmann@warburg-research.com +49 40 309537-258	Robert-Jan van der Horst	mtonn@warburg-research.com +49 40 309537-290
Retail, Consumer Goods	jfrey@warburg-research.com	Technology	rvanderhorst@warburg-research.com
Marius Fuhrberg	+49 40 309537-185	Andreas Wolf	+49 40 309537-140
Financial Services	mfuhrberg@warburg-research.com	Software, IT	awolf@warburg-research.com
Mustafa Hidir Automobiles, Car Suppliers	+49 40 309537-230 mhidir@warburg-research.com		
Philipp Kaiser	+49 40 309537-260		
Real Estate	pkaiser@warburg-research.com		
INSTITUTIONAL EQUI	ITY SALES		
Marc Niemann	+49 40 3282-2660	Maximilian Martin	+49 69 5050-7413
Head of Equity Sales, Germany	mniemann@mmwarburg.com	Austria, Poland	mmartin@mmwarburg.com
Klaus Schilling Head of Equity Sales, Germany	+49 69 5050-7400 kschilling@mmwarburg.com	Christopher Seedorf Switzerland	+49 40 3282-2695 cseedorf@mmwarburg.com
Tim Beckmann	+49 40 3282-2665	Switzerland	cseedon@mmwarburg.com
United Kingdom	tbeckmann@mmwarburg.com		
Lea Bogdanova	+49 69 5050-7411		
United Kingdom, Ireland	lbogdanova@mmwarburg.com		
Jens Buchmüller Scandinavia, Austria	+49 69 5050-7415 jbuchmueller@mmwarburg.com		
Alexander Eschweiler	+49 40 3282-2669	Sophie Hauer	+49 69 5050-7417
Germany, Luxembourg	aeschweiler@mmwarburg.com	Roadshow/Marketing	shauer@mmwarburg.com
Matthias Fritsch	+49 40 3282-2696	Juliane Niemann	+49 40 3282-2694
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 Sales Trading	+49 40 3282-2702 edust@mmwarburg.com	Bastian Quast Sales Trading	+49 40 3282-2701 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 Macro Research	+49 40 3282-2572 cklude@mmwarburg.com	Dr. Christian Jasperneite Investment Strategy	+49 40 3282-2439 cjasperneite@mmwarburg.com
Our research can be f	found under:		
Warburg Research	research.mmwarburg.com/en/index.html	Refinitiv	www.refinitiv.com
Bloomberg	RESP MMWA GO	Capital IQ	www.capitalig.com
FactSet	www.factset.com		7.55.11
For access please conta	act:		
Andrea Schaper	+49 40 3282-2632	Kerstin Muthig	+49 40 3282-2703
Sales Assistance	aschaper@mmwarburg.com	Sales Assistance	kmuthig@mmwarburg.com
			-