(CDAX, Renewables, ABO GR)



Buy EUR 4.00		Value Indicators: DCF:		Warburg ESG Risk Score: ESG Score (MSCI based): Balance Sheet Score: Market Liquidity Score:	3.0 3.0 5.0 1.0	Description: Independent power producer operating onshore wind and P projects in Europe	
		Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2024e
		Market cap:	134.69	Freefloat	72.80 %	Beta:	0.7
Price	EUR 1.80	No. of shares (m):	75.04	Tion Renewables	21.90 %	Price / Book:	0.9 x
Upside	122.8 %	EV:	296.03	Union Investment	5.30 %	Equity Ratio:	43 %
		Freefloat MC:	98.06			Net Fin. Debt / EBITDA:	6.8 x
		Ø Trad. Vol. (30d):	32.64 th			Net Debt / EBITDA:	7.1 x

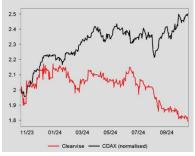
Pipeline expansion paves the way for steep portfolio growth

Clearvise has signed a purchase agreement for the majority stake (70%) in a **French PV project with an approved capacity of more than 70 MWp** as part of its co-development (clearPARTNERS) approach. The project is expected to be remunerated with a mix of regulated remuneration (FiT) and PPAs. Building permission has already been granted but a commercial operation date (COD) has not yet been communicated. Hence, we decided to exclude the project from our model until we have further information that will allow us to predict capex and pricing more accurately. However, the co-development approach and the management's solid acquisition track record hint at an attractive project yield (WRe: 8-10%).

The tangible PV project pipeline, mostly secured in cooperation with several clearPARTNERS, has reached **more than 250 MWp** and the management intends to add further projects in the short term, laying a solid basis for growth. One of the projects (36 MWp; France) is already under construction and we expect the commissioning phase to start in late Q4/24.

Soft announcement of a bond placement: For the time being, clearvise has sufficient funds to finance the portfolio expansion and has a comfortable equity ratio of >40%. However, the management is exploring further financing options to boost financial firepower for the portfolio expansion, including the issuance of a bond. We welcome management's decision to opt for debt financing as (I) equity financing is too expensive at current share-price levels (II) the sound balance sheet offers plenty of room for leverage and (III) higher leverage optimizes shareholder return, as long as the achievable project returns exceed the cost of debt. We estimate the return (equity IRR, leveraged) of new projects to range between 8%-12%, depending on the country and acquisition approach. Cost of debt for a potential senior unsecured bond should be around 6%, which would **allow clearvise to generate excess returns to the benefit of its shareholders**.

Good operative performance in 2024: Despite meteorological headwinds and surging negative pricing hours in Germany, clearvise has shown a solid operating performance in 2024 so far and we regard the company to be well on track to reach its guidance. The regional and technological portfolio diversification has paid off and limits the dependency on a single market. However, wind yields in the fourth quarter will be decisive for this year's final results and will determine whether clearvise will reach the upper or lower end of its guidance.

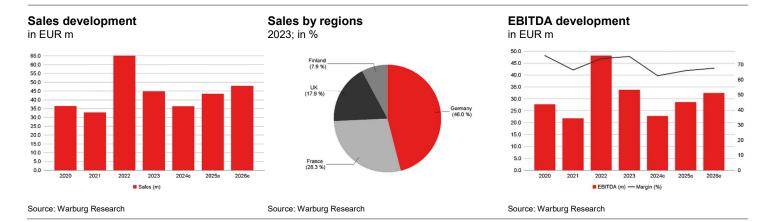


Rel. Performance vs CDAX:	
1 month:	-7.6 %
6 months:	-20.6 %
Year to date:	-28.2 %
Trailing 12 months:	-35.6 %

Company events:

FY End: 31.12. in EUR m	CAGR (23-26e)	2020	2021	2022	2023	2024e	2025e	2026e
Sales	2.3 %	36.45	32.88	65.16	44.84	36.39	43.49	47.99
Change Sales yoy		10.2 %	-9.8 %	98.2 %	-31.2 %	-18.9 %	19.5 %	10.3 %
Gross profit margin		98.9 %	98.9 %	99.6 %	98.9 %	100.0 %	100.0 %	100.0 %
EBITDA	-1.4 %	27.68	21.84	48.17	33.78	22.81	28.68	32.43
Margin		75.9 %	66.4 %	73.9 %	75.3 %	62.7 %	65.9 %	67.6 %
EBIT	-12.5 %	9.13	2.91	30.43	15.38	2.59	6.79	10.28
Margin		25.1 %	8.8 %	46.7 %	34.3 %	7.1 %	15.6 %	21.4 %
Net income	-10.9 %	2.37	-3.28	21.32	6.84	-2.13	1.73	4.84
EPS	-12.6 %	0.05	-0.06	0.34	0.09	-0.03	0.02	0.06
EPS adj.	-12.6 %	0.05	-0.06	0.34	0.09	-0.03	0.02	0.06
DPS	-	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Dividend Yield		1.0 %	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCFPS		0.54	0.05	0.35	0.21	-0.34	-0.20	0.27
FCF / Market cap		26.6 %	2.0 %	14.4 %	9.5 %	-19.2 %	-11.3 %	14.8 %
EV / Sales		6.1 x	8.2 x	5.3 x	6.8 x	8.2 x	7.2 x	6.1 x
EV / EBITDA		8.0 x	12.4 x	7.1 x	9.0 x	13.0 x	10.9 x	9.0 x
EV / EBIT		24.2 x	93.1 x	11.3 x	19.8 x	114.7 x	45.9 x	28.4 x
P/E		40.4 x	n.a.	7.1 x	25.0 x	n.a.	89.8 x	29.9 x
FCF Potential Yield		11.8 %	7.5 %	12.6 %	10.6 %	7.7 %	9.1 %	10.8 %
Net Debt		121.87	139.35	190.18	135.43	161.33	176.64	156.60
ROE		6.2 %	-6.9 %	20.1 %	4.3 %	-1.3 %	1.1 %	3.0 %
ROCE (NOPAT)		3.1 %	2.9 %	9.0 %	3.9 %	0.8 %	1.8 %	2.7 %
Guidance:	op. EBITDA o	f EUR 21.8-2	3.1m					



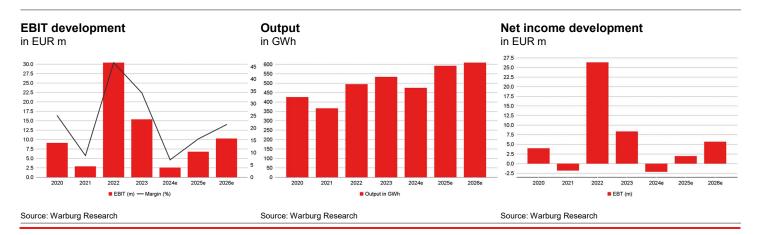


Company Background

- Clearvise is a German IPP, focusing on the operation of European onshore wind and PV parks.
- The acquisition strategy of clearvise is based on three pillars (I) clearValue (II) clearSwitch and (III) clearPartners. The management has expanded the portfolio by more than 140% in only 3 years.
- All three route-to-markets are already proven with at least one successful acquisition. Primary object was the addition of PV projects to diversify the portfolio and optimize output.
- Within the clearScale growth strategy, clearvise targets to reach a portfolio size of 1GW (750MW operating & 250MW pipeline).
- To leverage the company's development know-how and use the opportunities of new technology's, the management can allocate up to 20% of the capital into development projects, cooperation or new technologies.

Competitive Quality

- A highly-experienced team of industry experts, capable of operating and optimizing the current portfolio, has developed a lean platform for the integration of further acquisitions.
- Clearvise has introduced a three-pronged market access strategy; clearVALUE, clearPARTNERS and clearSWITCH; to gain a competitive edge and establish a niche market position.
- The market access strategies target the current market as well as the market transition and should allow for profitable growth.
- The technical expertise of the management team and experience with the operation of the former ABO Invest portfolio allows for optimization measures, which will result in higher output.
- By expanding the investment focus of PV projects, the top-line and margins should stabilize further, providing highly visible and predictable cash-flows.



Clearvise



			Detaile	d forecast pe	eriod					Transition	al period									
Figures in EU	Rm	i	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	2035e	2036e	2037e	2038e	2039e	2040e	2041
Sales			36.4	43.5	48.0	48.0	43.3	43.5	42.7	42.9	43.1	43.0	43.2	43.0	43.5	44.2	44.3	44.6	41.4	42
Sales change			-18.9 %	19.5 %	10.3 %	0.0 %	-9.8 %	0.3 %	-1.8 %	0.5 %	0.6 %	-0.2 %	0.5 %	-0.5 %	1.1 %	1.7 %	0.1 %	0.7 %	-7.1 %	2.1
EBIT EBIT-margin			2.6 7.1 %	6.8 15.6 %	10.3 21.4 %	15.8 32.9 %	12.1 27.9 %	12.2 28.1 %	11.7 27.3 %	12.0 28.0 %	12.2 28.3 %	12.1 28.2 %	12.3 28.5 %	12.1 28.2 %	12.5 28.7 %	13.1 29.6 %	13.2 29.8 %	13.5 30.2 %	10.9 26.4 %	29. 69.4 9
Tax rate (EB1	n		0.0 %	12.0 %	15.0 %	20.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 9
NOPAT	,		2.6	6.0	8.7	12.6	9.1	9.1	8.7	9.0	9.2	9.1	9.2	9.1	9.4	9.8	9.9	10.1	8.2	22
Depreciation			20.2	21.9	22.1	22.1	22.1	22.1	22.1	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.8	21.8	21.8	4
in % of Sales			55.6 %	50.3 %	46.1 %	46.1 %	51.1 %	51.0 %	51.7 %	51.0 %	50.7 %	50.8 %	50.6 %	50.8 %	50.3 %	49.4 %	49.2 %	48.9 %	52.6 %	9.79
Change in pro	ovisions		0.0	0.0	0.0	-6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
Change in liqu	uidity from																			
- Working Cap	pital		-0.3	0.4 38.5	0.4 6.5	0.0 0.0	-0.3 0.0	0.0	-0.1 0.0	0.0 0.0	0.0 0.0	0.0	0.0	0.0	0.0 0.0	0.0 0.0	0.0	0.0	-0.2 0.0	0
- Capex Capex in % o	f Sales		44.3 121.7 %	88.6 %	13.6 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0
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	0.0	0.0	0.0	0.0	0.0	0
			-21.2	-11.1	23.9	28.4	31.5	31.3	30.9	30.9	31.0	31.0	31.1	31.0	31.2	31.6	31.7	31.9	30.2	26
Free Cash Flo	ow (WACC-	nodel)	21.2		20.0	20.1	01.0	01.0	00.0	00.0	01.0	01.0	01.1	01.0	01.2	01.0	01	01.0	00.2	20
PV of FCF			-21.6	-10.8	22.5	25.6	27.1	25.8	24.4	23.4	22.5	21.6	20.7	19.8	19.1	18.6	17.8	17.2	15.6	12
share of PVs				-2.3 %						102.3	%									
																			T	Term. Valu
2042e	2043e	2044e	2045e	2046e	2047e	2048e	2049e	2050e	2051e	2052e	2053e	2054e	2055e	2056e	2057e	2058e	2059e	2060e	2061e	
44.5	48.6	41.0	42.0	33.3	33.6	33.8	34.1	34.8	35.6	36.4	34.1	34.8	35.6	34.6	24.5	25.1	11.7	6.0	6.2	
5.3 %	9.1 %	-15.7 %	2.5 %	-20.7 %	1.0 %	0.6 %	0.9 %	2.1 %	2.1 %	2.1 %	-6.3 %	2.2 %	2.2 %	-2.8 %	-29.1 %	2.1 %	-53.1 %	-48.6 %	2.0 %	0.0 %
33.9 76.0 %	37.1 76.3 %	31.1 75.8 %	32.8 78.2 %	26.2 78.7 %	26.5 78.7 %	26.6 78.7 %	26.9 78.7 %	27.4 78.7 %	28.0 78.8 %	28.6 78.8 %	26.8 78.7 %	27.4 78.7 %	28.0 78.8 %	27.2 78.7 %	19.3 78.9 %	19.8 79.0 %	9.3 79.0 %	4.8 79.0 %	4.9 79.0 %	
25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	25.0 %	
25.4	27.8	23.3	24.6	19.7	19.9	20.0	20.2	20.6	21.0	21.5	20.1	20.6	21.0	20.4	14.5	14.8	7.0	3.6	3.7	
1.3	1.3	1.3	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
3.0 %	2.7 %	3.2 %	0.9 %	0.3 %	0.3 %	0.3 %	0.3 %	0.3 %	0.3 %	0.3 %	0.3 %	0.3 %	0.3 %	0.3 %	0.1 %	0.0 %	0.0 %	0.0 %	0.0 %	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.1 0.0	0.3 0.0	-0.5 0.0	0.1 0.0	-0.6 0.0	0.0 0.0	0.0 0.0	0.0	0.0	0.0 0.0	0.0 0.0	-0.1 0.0	0.0	0.0	-0.1 0.0	-0.7 0.0	0.0 0.0	-0.9 0.0	-0.4 0.0	-0.4 0.0	
0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26.6	28.9	25.1	24.9	20.3	19.9	20.1	20.2	20.6	21.1	21.5	20.4	20.6	21.1	20.6	15.2	14.8	7.8	4.0	4.0	
12.6	13.1	10.9	10.4	8.1	7.6	7.4	7.1	7.0	6.8	6.7	6.0	5.9	5.7	5.4	3.8	3.6	1.8	0.9	0.9	0.
																				0.0 %
Model para	ameter										Valuation	(m)								
Derivation	of WACC					Derivatio	n of Beta:				Present v	alues unt	I 2061e		433.9					
											Terminal				0.0					
Debt ratio				45.0 %		Financial	Strength		0.70		Financial				177.1					
Cost of del				2.5 %		Liquidity			0.60		Pension I				6.3					
Market retu				8.3 %		Cyclicality			0.60		Hybrid ca				0.0					
Risk free ra Risk premi				2.8 % 5.5 %		Transpar Others	ency		0.70 0.70		Minority in Market va		tmente		0.0					
Cost of equ				6.4 %		Others			0.70		Liquidity	ii. Oi iiivos	illicitis		48.0		No of	shares (m	١	75.4
WACC	anty			4.35 %		Beta			0.66		Equity Va	alue			298.5			per share		3.9
MAGG				4.00 /0		Dota			0.00		Equity V	iiuo			200.0		(EUR)			
0 141-14			(FUD)																	
Sensitivity	value pe																			
Beta	(WAC		inal Grow	rth -0.50 %	-0.25 %	0.00	o/. n ·	25 %	0.50 %	0.75 %			BIT-mar 0 pp	gin 1.00 pp	-0.50 pp	0.	n 0.50) pp 1	.00 pp	1.50 p
	•																			
0.99	(5.4 %		3.27	3.27	3.27			3.27	3.27	3.27			3.16	3.20	3.23	3.2		3.31	3.34	3.3
0.83 0.74	(4.9 %		3.60 3.78	3.60 3.78	3.60 3.78			3.60 3.78	3.60 3.78	3.60 3.78			3.48 3.66	3.52 3.70	3.56 3.74	3.6 3.7		3.64 3.82	3.68 3.86	3.7 3.9
0.74	(4.6 % (4.4 %		3.76	3.76	3.76			3.96	3.76	3.76			3.84	3.88	3.74	3.7		4.00	4.04	4.0
0.58	(4.1 %		4.15	4.15	4.15			4.15	4.15	4.15			4.03	4.07	4.11	4.1		4.20	4.24	4.2
		/																		
0.49 0.33	(3.9 %	b)	4.36	4.36 4.79	4.36 4.79			4.36 4.79	4.36 4.79	4.36 4.79			4.23 4.66	4.27 4.70	4.31	4.3 4.7		4.40 4.84	4.44	4.4 4.9

- Our Warburg IPP-DCF approach is a modified valuation approach for the valuation of renewable energy assets.
- Since we can calculate top-line and margin generation of each park over the useful live, we extend our DCF-approach.
- We do not apply a terminal value to our valuation, reflecting the limited life of renewable energy assets.
- For our calculation, we assume a useful life of 30 years for onshore wind and 35 years for PV.
- We only include the current portfolio size of clearvise in our Warburg IPP-DCF.

Clearvise



Valuation							
	2020	2021	2022	2023	2024e	2025e	2026e
Price / Book	2.6 x	2.3 x	1.0 x	1.1 x	0.9 x	0.9 x	0.8 x
Book value per share ex intangibles	0.66	0.88	2.08	2.11	2.08	2.11	2.17
EV / Sales	6.1 x	8.2 x	5.3 x	6.8 x	8.2 x	7.2 x	6.1 x
EV / EBITDA	8.0 x	12.4 x	7.1 x	9.0 x	13.0 x	10.9 x	9.0 x
EV / EBIT	24.2 x	93.1 x	11.3 x	19.8 x	114.7 x	45.9 x	28.4 x
EV / EBIT adj.*	24.2 x	93.1 x	11.3 x	19.8 x	114.7 x	45.9 x	28.4 x
P/FCF	3.8 x	49.4 x	7.0 x	10.5 x	n.a.	n.a.	6.7 x
P/E	40.4 x	n.a.	7.1 x	25.0 x	n.a.	89.8 x	29.9 x
P / E adj.*	40.4 x	n.a.	7.1 x	25.0 x	n.a.	89.8 x	29.9 x
Dividend Yield	1.0 %	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCF Potential Yield (on market EV)	11.8 %	7.5 %	12.6 %	10.6 %	7.7 %	9.1 %	10.8 %
*Adjustments made for: -							

Company Specific Items							
	2020	2021	2022	2023	2024e	2025e	2026e
Output in GWh	426	367	495	534	475	592	609



Consolidated profit & loss							
In EUR m	2020	2021	2022	2023	2024e	2025e	2026
Sales	36.45	32.88	65.16	44.84	36.39	43.49	47.99
Change Sales yoy	10.2 %	-9.8 %	98.2 %	-31.2 %	-18.9 %	19.5 %	10.3 %
Increase / decrease in inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Own work capitalised	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Sales	36.45	32.88	65.16	44.84	36.39	43.49	47.99
Material expenses	0.40	0.35	0.28	0.47	0.00	0.00	0.00
Gross profit	36.05	32.53	64.88	44.37	36.39	43.49	47.99
Gross profit margin	98.9 %	98.9 %	99.6 %	98.9 %	100.0 %	100.0 %	100.0 %
Personnel expenses	0.30	0.66	1.52	1.59	2.00	2.20	2.40
Other operating income	0.94	0.22	0.51	6.67	1.70	1.00	1.00
Other operating expenses	9.00	10.25	15.69	15.67	13.28	13.61	14.16
Unfrequent items	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EBITDA	27.68	21.84	48.17	33.78	22.81	28.68	32.43
Margin	75.9 %	66.4 %	73.9 %	75.3 %	62.7 %	65.9 %	67.6 %
Depreciation of fixed assets	18.55	18.93	17.74	18.41	20.22	21.89	22.15
EBITA	9.13	2.91	30.43	15.38	2.59	6.79	10.28
Amortisation of intangible assets	0.00	0.00	1.25	1.27	0.00	0.00	0.00
Goodwill amortisation	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EBIT	9.13	2.91	30.43	15.38	2.59	6.79	10.28
Margin	25.1 %	8.8 %	46.7 %	34.3 %	7.1 %	15.6 %	21.4 %
EBIT adj.	9.13	2.91	30.43	15.38	2.59	6.79	10.28
Interest income	0.00	0.02	3.39	0.40	0.40	0.40	0.40
Interest expenses	5.11	4.72	7.48	7.40	5.11	5.23	4.99
Other financial income (loss)	0.02	0.02	0.00	0.00	0.00	0.00	0.00
EBT	4.00	-1.81	26.34	8.37	-2.13	1.96	5.70
Margin	11.0 %	-5.5 %	40.4 %	18.7 %	-5.8 %	4.5 %	11.9 %
Total taxes	1.63	1.47	5.02	1.53	0.00	0.24	0.85
Net income from continuing operations	2.37	-3.28	21.32	6.84	-2.13	1.73	4.84
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	2.37	-3.28	21.32	6.84	-2.13	1.73	4.84
Minority interest	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net income	2.37	-3.28	21.32	6.84	-2.13	1.73	4.84
Margin	6.5 %	-10.0 %	32.7 %	15.2 %	-5.8 %	4.0 %	10.1 %
Number of shares, average	49.00	53.78	63.45	75.36	75.36	75.36	75.36
EPS	0.05	-0.06	0.34	0.09	-0.03	0.02	0.06
EPS adj.	0.05	-0.06	0.34	0.09	-0.03	0.02	0.06
*Adjustments made for:							

Guidance: op. EBITDA of EUR 21.8-23.1m

Financial Ratios							
	2020	2021	2022	2023	2024e	2025e	2026e
Total Operating Costs / Sales	24.1 %	33.6 %	26.1 %	24.7 %	37.3 %	34.1 %	32.4 %
Operating Leverage	3.4 x	7.0 x	9.7 x	1.6 x	4.4 x	8.3 x	5.0 x
EBITDA / Interest expenses	5.4 x	4.6 x	6.4 x	4.6 x	4.5 x	5.5 x	6.5 x
Tax rate (EBT)	40.8 %	-80.9 %	19.1 %	18.3 %	0.0 %	12.0 %	15.0 %
Dividend Payout Ratio	41.4 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Sales per Employee	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

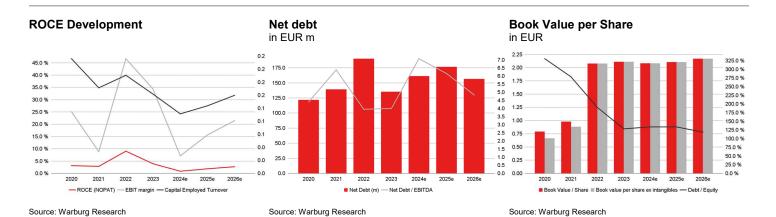


Source: Walburg Nesearch Source: Walburg Nesea



Consolidated balance sheet							
In EUR m	2020	2021	2022	2023	2024e	2025e	2026
Assets							
Goodwill and other intangible assets	6.20	5.57	0.00	0.00	0.00	0.00	0.00
thereof other intangible assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
thereof Goodwill	6.20	5.57	0.00	0.00	0.00	0.00	0.00
Property, plant and equipment	157.78	191.33	352.58	291.46	315.51	332.14	316.54
Financial assets	0.21	0.19	0.88	0.90	0.90	0.90	0.90
Other long-term assets	0.00	0.00	0.05	2.64	2.64	2.64	2.64
Fixed assets	164.19	197.09	353.51	295.01	319.05	335.69	320.09
nventories	0.20	0.29	0.23	0.00	0.10	0.10	0.20
Accounts receivable	5.31	5.85	6.20	5.18	4.20	5.00	5.50
Liquid assets	17.32	23.20	77.67	47.99	28.99	15.00	17.28
Other short-term assets	0.89	4.49	13.74	14.91	14.91	14.91	14.9
Current assets	23.73	33.83	97.84	68.08	48.20	35.01	37.89
Total Assets	187.90	230.90	451.30	363.10	367.30	370.70	358.00
Liabilities and shareholders' equity							
Subscribed capital	49.00	57.40	75.36	75.36	75.36	75.36	75.36
Capital reserve	13.27	25.59	44.75	44.75	44.75	44.75	44.75
Retained earnings	0.99	0.99	0.00	0.00	-2.13	-0.40	4.44
Other equity components	-24.50	-27.78	35.84	39.00	39.00	39.00	39.00
Shareholders' equity	38.76	56.20	155.95	159.11	156.98	158.71	163.55
Minority interest	4.89	4.88	0.00	0.01	0.01	0.01	0.01
Total equity	43.64	61.08	155.95	159.11	156.99	158.71	163.56
Provisions	2.69	3.02	12.54	11.92	11.92	11.92	11.92
thereof provisions for pensions and similar obligations	0.00	0.00	7.08	6.31	6.31	6.31	6.31
Financial liabilities (total)	139.19	162.55	260.76	177.11	184.01	185.33	167.57
Short-term financial liabilities	18.35	0.00	51.52	28.20	18.20	8.20	0.00
Accounts payable	0.91	1.42	5.81	2.61	2.00	2.40	2.60
Other liabilities	1.48	2.88	16.29	12.33	12.33	12.33	12.33
Liabilities	144.27	169.86	295.40	203.97	210.27	211.98	194.42
Total liabilities and shareholders' equity	187.90	230.90	451.30	363.10	367.30	370.70	358.00

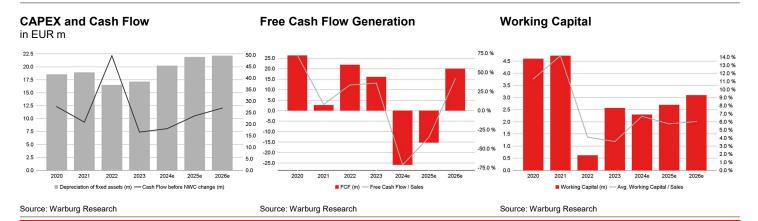
Financial Ratios							
	2020	2021	2022	2023	2024e	2025e	2026e
Efficiency of Capital Employment							
Operating Assets Turnover	0.2 x	0.2 x	0.2 x	0.2 x	0.1 x	0.1 x	0.2 x
Capital Employed Turnover	0.2 x	0.2 x	0.2 x	0.2 x	0.1 x	0.1 x	0.1 x
ROA	1.4 %	-1.7 %	6.0 %	2.3 %	-0.7 %	0.5 %	1.5 %
Return on Capital							
ROCE (NOPAT)	3.1 %	2.9 %	9.0 %	3.9 %	0.8 %	1.8 %	2.7 %
ROE	6.2 %	-6.9 %	20.1 %	4.3 %	-1.3 %	1.1 %	3.0 %
Adj. ROE	6.2 %	-6.9 %	20.1 %	4.3 %	-1.3 %	1.1 %	3.0 %
Balance sheet quality							
Net Debt	121.87	139.35	190.18	135.43	161.33	176.64	156.60
Net Financial Debt	121.87	139.35	183.10	129.12	155.02	170.33	150.29
Net Gearing	279.2 %	228.2 %	121.9 %	85.1 %	102.8 %	111.3 %	95.7 %
Net Fin. Debt / EBITDA	440.3 %	638.2 %	380.1 %	382.2 %	679.7 %	593.9 %	463.4 %
Book Value / Share	0.8	1.0	2.1	2.1	2.1	2.1	2.2
Book value per share ex intangibles	0.7	0.9	2.1	2.1	2.1	2.1	2.2





Consolidated cash flow statement							
In EUR m	2020	2021	2022	2023	2024e	2025e	2026
Net income	2.37	-3.28	21.32	6.84	-2.13	1.73	4.84
Depreciation of fixed assets	18.55	18.93	16.49	17.13	20.22	21.89	22.15
Amortisation of goodwill	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Amortisation of intangible assets	0.00	0.00	1.25	1.27	0.00	0.00	0.00
Increase/decrease in long-term provisions	0.38	0.00	0.00	0.00	0.00	0.00	0.00
Other non-cash income and expenses	6.27	5.25	10.62	-8.68	0.00	0.00	0.00
Cash Flow before NWC change	27.56	20.90	49.68	16.56	18.09	23.62	26.99
Increase / decrease in inventory	-0.04	-1.19	0.00	0.00	-0.10	0.00	-0.10
Increase / decrease in accounts receivable	-0.83	-1.23	0.00	0.00	0.98	-0.80	-0.50
Increase / decrease in accounts payable	-0.08	0.00	0.00	0.00	-0.61	0.40	0.20
Increase / decrease in other working capital positions	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase / decrease in working capital (total)	-0.96	-2.42	0.00	0.00	0.27	-0.40	-0.40
Net cash provided by operating activities [1]	26.61	18.48	49.68	16.56	18.36	23.22	26.59
Investments in intangible assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Investments in property, plant and equipment	-0.26	-15.82	-27.79	-0.45	-44.27	-38.52	-6.55
Payments for acquisitions	0.00	-14.54	-27.21	-9.81	0.00	0.00	0.00
Financial investments	0.00	0.00	0.00	0.06	0.00	0.00	0.00
Income from asset disposals	0.36	0.00	0.00	0.01	0.00	0.00	0.00
Net cash provided by investing activities [2]	0.10	-30.35	-55.00	9.21	-44.27	-38.52	-6.55
Change in financial liabilities	-17.34	1.69	26.50	-48.59	6.90	1.31	-17.76
Dividends paid	-0.98	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	20.72	37.12	0.00	0.00	0.00	0.00
Other	-5.05	-4.68	-3.89	-6.87	0.00	0.00	0.00
Net cash provided by financing activities [3]	-23.37	17.73	59.73	-55.45	6.90	1.31	-17.76
Change in liquid funds [1]+[2]+[3]	3.34	5.86	54.42	-29.68	-19.00	-13.99	2.28
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	18.02	23.18	77.62	47.99	28.99	15.00	17.28

Financial Ratios							
	2020	2021	2022	2023	2024e	2025e	2026e
Cash Flow							
FCF	26.34	2.66	21.89	16.12	-25.90	-15.30	20.04
Free Cash Flow / Sales	72.3 %	8.1 %	33.6 %	35.9 %	-71.2 %	-35.2 %	41.8 %
Free Cash Flow Potential	26.05	20.37	43.15	32.25	22.81	28.44	31.58
Free Cash Flow / Net Profit	1113.5 %	-81.0 %	102.7 %	235.7 %	1217.6 %	-885.8 %	413.9 %
Interest Received / Avg. Cash	0.0 %	0.1 %	6.7 %	0.6 %	1.0 %	1.8 %	2.5 %
Interest Paid / Avg. Debt	3.5 %	3.1 %	3.5 %	3.4 %	2.8 %	2.8 %	2.8 %
Management of Funds							
Investment ratio	0.7 %	48.1 %	42.7 %	1.0 %	121.7 %	88.6 %	13.6 %
Maint. Capex / Sales	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %	0.0 %
Capex / Dep	1.4 %	83.6 %	156.6 %	2.4 %	218.9 %	176.0 %	29.6 %
Avg. Working Capital / Sales	11.3 %	14.2 %	4.1 %	3.6 %	6.7 %	5.7 %	6.0 %
Trade Debtors / Trade Creditors	582.1 %	413.1 %	106.7 %	198.6 %	210.0 %	208.3 %	211.5 %
Inventory Turnover	1.9 x	1.2 x	1.2 x	n.a.	0.0 x	0.0 x	0.0 x
Receivables collection period (days)	53	65	35	42	42	42	42
Payables payment period (days)	837	1,460	7,496	2,020	n.a.	n.a.	n.a.
Cash conversion cycle (Days)	-597	-1,094	-7,162	n.a.	n.a.	n.a.	n.a.





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. The views expressed in this research report accurately reflect the research analyst's personal views about the subject securities and issuers. Unless otherwise specified in the research report, no part of the research analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views contained in the research report. 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.
- -2- 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.
- 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)		
Clearvise	3, 5	https://www.mmwarburg.com/disclaimer/disclaimer_en/DE000A1EWXA4.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.

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

Rating	Number of stocks	% of Universe
Buy	143	71
Hold	42	21
Sell	10	5
Rating suspended	6	3
Total	201	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	43	77
Hold	9	16
Sell	2	4
Rating suspended	2	4
Total	56	100

PRICE AND RATING HISTORY CLEARVISE AS OF 18.10.2024



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 Head of Research	+49 40 309537-280 mheider@warburg-research.com	Hannes Müller Software, IT	+49 40 309537-255 hmueller@warburg-research.com
Henner Rüschmeier Head of Research	+49 40 309537-270 hrueschmeier@warburg-research.com	Andreas Pläsier Banks, Financial Services	+49 40 309537-246 aplaesier@warburg-research.com
Stefan Augustin	+49 40 309537-168	Malte Schaumann	+49 40 309537-170
Cap. Goods, Engineering	saugustin@warburg-research.com	Technology	mschaumann@warburg-research.com
Jan Bauer Renewables	+49 40 309537-155 jbauer@warburg-research.com	Oliver Schwarz Chemicals, Agriculture	+49 40 309537-250 oschwarz@warburg-research.com
Christian Cohrs	+49 40 309537-175	Simon Stippig	+49 40 309537-265
Industrials & Transportation	ccohrs@warburg-research.com	Real Estate, Telco	sstippig@warburg-research.com
Dr. Christian Ehmann BioTech, Life Science	+49 40 309537-167 cehmann@warburg-research.com	Marc-René Tonn Automobiles, Car Suppliers	+49 40 309537-259 mtonn@warburg-research.com
Felix Ellmann Software, IT	+49 40 309537-120 fellmann@warburg-research.com	Robert-Jan van der Horst Technology	+49 40 309537-290 rvanderhorst@warburg-research.com
Jörg Philipp Frey	+49 40 309537-258	Andreas Wolf	+49 40 309537-140
Retail, Consumer Goods	jfrey@warburg-research.com	Software, IT	awolf@warburg-research.com
Marius Fuhrberg Financial Services	+49 40 309537-185 mfuhrberg@warburg-research.com		
Fabio Hölscher	+49 40 309537-240		
Automobiles, Car Suppliers	fhoelscher@warburg-research.com		
Philipp Kaiser Real Estate, Construction	+49 40 309537-260 pkaiser@warburg-research.com		
Thilo Kleibauer	+49 40 309537-257		
Retail, Consumer Goods	tkleibauer@warburg-research.com		
INSTITUTIONAL EQUI			
Klaus Schilling Head of Equity Sales, Germany	+49 69 5050-7400 kschilling@mmwarburg.com	Sascha Propp France	+49 40 3282-2656 spropp@mmwarburg.com
Tim Beckmann	+49 40 3282-2665	Tance	spropp@mmwarburg.com
United Kingdom	tbeckmann@mmwarburg.com		
Jens Buchmüller Scandinavia. Austria	+49 69 5050-7415 jbuchmueller@mmwarburg.com		
Matthias Fritsch	+49 40 3282-2696	Leyan Ilkbahar	+49 40 3282-2695
United Kingdom, Ireland	mfritsch@mmwarburg.com	Roadshow/Marketing	lilkbahar@mmwarburg.com
Rudolf Alexander Michaelis	+49 40 3282-2649	Antonia Möller	+49 69 5050-7417
Germany Roman Alexander Niklas	rmichaelis@mmwarburg.com +49 69 5050-7412	Roadshow/Marketing Juliane Niemann	amoeller@mmwarburg.com +49 40 3282-2694
Switzerland, Poland, Italy	rniklas@mmwarburg.com	Roadshow/Marketing	jniemann@mmwarburg.com
SALES TRADING		DESIGNATED SPONSOF	RING
Oliver Merckel	+49 40 3282-2634	Marcel Magiera	+49 40 3282-2662
Head of Sales Trading	omerckel@mmwarburg.com	Designated Sponsoring	mmagiera@mmwarburg.com
Rico Müller Sales Trading	+49 40 3282-2685 rmueller@mmwarburg.com	Sebastian Schulz Designated Sponsoring	+49 40 3282-2631 sschulz@mmwarburg.com
Bastian Quast	+49 40 3282-2701	Jörg Treptow	+49 40 3282-2658
Sales Trading	bquast@mmwarburg.com	Designated Sponsoring	jtreptow@mmwarburg.com
MACRO RESEARCH	40.40.0000.077	Du Obalett I I I	. 10 10 0000 5 :
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 fo	ound under:		
Warburg Research	research.mmwarburg.com/en/index.html	LSEG	www.lseg.com
Bloomberg	RESP MMWA GO	Capital IQ	www.capitaliq.com
FactSet	www.factset.com		
For access please contact			
Andrea Schaper Sales Assistance	+49 40 3282-2632 aschaper@mmwarburg.com	Kerstin Muthig Sales Assistance	+49 40 3282-2703 kmuthig@mmwarburg.com
Calco / toolotarioc	азолары штичагын у.сот	Calco / Noticianos	Kindang@ninwarburg.com