April 17, 2024

Basic Report Update

Analysts:

Valuation Result

Fair Value

€ 34.11

(previous: € 33.45)

Find BankM Research on Bloomberg, CapitalIQ, Factset, ResearchPool, Refinitiv, AlphaSense and www.BankM.de

Communication / Software

ATFREQUENT09

A2PHG5

Bank

Sector

WKN

ISIN

Daniel Großjohann
Dr. Roger Becker, CEFA
+49 69 71 91 838 -42, -46
daniel.grossjohann@bankm.de; roger.becke
aan en groee je name e sammae, regenseen e

(previous: Hold) r@bankm.de

BUY

Order intake (+24.7%) leads the way, sales (+10.8%) show double-digit growth for the third year in a row

Frequentis AG's 2023 business figures are **convincing** - especially in terms of **order intake and revenue growth**. EBIT also slightly exceeded our expectations. However, the EBIT margin fell to 6.2% (2022: 6.5%) due to major multi-year orders acquired in 2023, which often do not deliver positive margins in the start-up phase. The EBIT margin is also expected to be around 6% in 2024, but **above the pre-corona level**. We are raising our sales expectations for 2024ff slightly in each case but are becoming somewhat more cautious with regard to the margin. In view of our new price target and the fact that the Frequentis share price has fallen in recent months, contrary to the market trend, we are changing our investment recommendation from "Hold" to "Buy". The capital market appears to view the company as a "rather defensive stock" due to the high proportion of sales to the public sector and the associated low sensitivity to economic trends. Our price target - derived in equal parts from the peer valuation (\in 32.40) and DCF valuation (\in 35.82) - is \in 34.11.

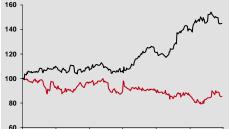
- Once again, both segments contributed to growth and the multi-year order pipeline is well filled. "Air Traffic Management" increased sales significantly to € 293.3 mln (+13.8%), while EBIT reached € 10.1 mln (2022: € 10.2 mln). However, the segment EBIT margin fell to 3.4% (4.0%) (see "Discussion of margins", p. 2). The "Public Safety & Transport" segment increased sales to € 133.8 mln (2022: € 127.7 mln), EBIT improved to € 16.7 mln (2022: € 14.9 mln) and the segment EBIT margin remained above 10% at 12.4% for the fourth year in a row.
- The order book is well filled at € 594.7 mln (+13.9% yoy). Around € 300 mln from the order book is expected to turn into sales in 2024 which means that around two-thirds of our expected annual sales have already been secured.
- The familiar uncertainties such as the war in Ukraine, inflation and geopolitical tensions (including in the Middle East and Taiwan) remain and are currently making planning more difficult for companies in terms of costs and sales. Frequentis is in a comparatively comfortable position in terms of sales planning due to the high proportion of sales generated by the public sector.

Outlook for 2024: Sales and incoming orders are expected to **increase** compared to the previous year's figures of \in 427.5 mln and \in 504.8 mln respectively. The **EBIT margin** is expected to be around **6%** (6.2% was achieved in 2023). **R&D expenses** will exceed the 2023 figure (of \in 25.2 mln) and CapEx is expected to be around \in 12 mln.

Key Data / Earnings (in € mln)

Year	Net Sales	EBITDA	EBIT	EBT	Net Profit	EPS (€)	DPS (€)	EBIT margin	Net margin
2022a	386.0	45.6	25.0	24.7	18.7	1.41	0.22	6.5%	4.9%
2023a	427.5	44.2	26.6	26.4	18.4	1.39	0.24	6.2%	4.3%
2024e	448.9	48.1	28.5	28.3	20.1	1.51	0.30	6.3%	4.5%
2025e	493.7	52.4	31.7	31.5	22.3	1.68	0.34	6.4%	4.5%
2026e	543.1	57.1	35.2	35.0	24.8	1.87	0.37	6.5%	4.6%
2027e	597.4	62.3	39.1	38.9	27.6	2.08	0.42	6.6%	4.6%
Source: Fre	equentis A	AG (a), Bar	nkM Resea	arch (e)					

Bloomberg/Reuters		FQT GY / FQT.DE					
Accounting standard		IFRS					
Financial year		Dec 31					
Report FY 2023		August 14, 2024					
Market segment		1	Regulate	d Market			
Transparency standard		G	eneral S	tandard			
Financial ratios	2024e	2025e	2026e	2027e			
EV/Sales	0.71	0.65	0.59	0.54			
EV/EBITDA	6.66	6.12	5.62	5.15			
EV/EBIT	11.26	10.13	9.11	8.19			
P/E	17.54	15.76	14.17	12.74			
Price/Bookvalue	2.02	1.81	1.62	1.45			
Price/FCF	13.82	14.29	13.29	12.33			
ROE (in %)	12.17	12.11	12.08	12.04			
ROIC (in%)	13.31	13.24	13.19	13.14			
Dividend yield (in %)	1.14	1.27	1.41	1.57			
Number of shares (in mln)				13.28			
MarketCap / EV (in €m)			351.90	320.80			
Free float (in %)				22			
Ø daily trading vol. (3M, in	€ths.)			47.80			
12M high / low (in €; close)	1		31.20	/ 24.60			
Price April 15, 2024 (in €; c	lose)			26.50			
Performance absolute (in %) relative (in %)		1M 3.1% 3.2%	6M -4.0% -30.2%	12M -14.8% -41.5%			
Benchmark index	Daxsubsector Software						



Apr 23 Jun 23 Aug 23 Oct 23 Dec 23 Feb 24 Apr 24 Frequentis AG (XETRA; red, light), Performance 1y vs. DAXsubsector Software (black) Source: Bloomberg

PLEASE CONSIDER IMPORTANT INFORMATION, DISCLOSURES AND THE DISCLAIMER AT THE END OF THIS DOCUMENT!

Note regarding MiFID II: This research report has been prepared by order of the issuer based on a contractual agreement and is being compensated for by the issuer. The research report has simultaneously been made publicly available to all interested persons. Hence, the receipt of this research report is to be regarded as a permitted insignificant nonmonetary benefit according to § 64 para 7 sentence 2 No. 1 and 2 of the German Securities Trading Act (WpHG). BankM AG is the designated sponsor of the company's stock and in this function as a designated sponsor regularly holds a trading stock or long or short positions in the company's stock. Equity investments generally involve high risks. Potential investors should take into account that share prices may fall and rise and that income from an investment may fluctuate considerably. Investors may lose some or all of the money invested. Investors make their decisions at their own risk. BankM AG, Frankfurt, is responsible for the preparation of this document.

THIS DOCUMENT MAY NOT BE TAKEN OR TRANSMITTED INTO OR DISTRIBUTED IN THE UNITED STATES, AUSTRALIA, CANADA OR JAPAN OR ANY U.S. PERSON.

Margin discussion	At Group level, the EBIT margin has been declining since 2020 (then 9%, but special effect due to coronavirus travel restrictions, among other things) and recently fell from 6.5% to 6.2%; a figure of around 6% is expected for 2024 - which is still above the average of the pre-coronavirus years (5-6%). The reason for this can be found in the segment analysis and is due to the weak margin development in the ATM segment, while PST has been able to report double-digit EBIT margins for several years. There are two main reasons for this: PST has a modern scalable platform solution, ATM is yet to take this development step; the second reason can be found in the large multi-year orders and strong growth: multi-year projects are calculated in such a way that their profitability increases over time (and not infrequently generate negative returns at the beginning) - a large number of successfully acquired new projects are therefore putting pressure on margins for the time being.
The dividend for 2023	Subject to approval by the Annual General Meeting, the dividend on Frequentis

- **The dividend for 2023** will be raised ... Subject to approval by the Annual General Meeting, the dividend on Frequentis shares is likely to rise to € 0.24 per share (previously: € 0.22). The payout ratio would then be around 17%. This allows shareholders to participate in the company's success and also enables the successful acquisition strategy of recent years to be continued.
- ... and the successful acquisition strategy continues Since the IPO, Frequentis has acquired nine companies two of them [FRAFOS (D) and GuardREC (NOR)] in 2023. Acquisition motives were and are the expansion of the company's own range of services and/or the reduction of its own development costs. Another necessary criterion is a corporate culture that is compatible with Frequentis (ideally a family business). Despite the acquisition activities, the company is showing (consistently) strong organic growth. Even in 2023 (+10.8% in sales), over 99% of sales growth was organic despite two (smaller) acquisitions.
- Frequentis highlights three newly acquired lighthouse projects from 2023: In Multi-year major France, the PST segment received an order from SNCF to digitalise rail projects ... communication. The IP-based solution will be rolled out to more than 3,600 stationary terminals and up to 40,000 mobile users. The transformation should be completed by 2030, and a maintenance contract has even been concluded until 2036. In Norway, the PST segment received an order for the nationwide rollout of the 3020 LifeX communication solution for the medical emergency service and for non-emergency control centres. The LifeX multimedia solution supports video communication as well as communication via social media. Nurses (in Norwegian hospitals) will have mobile access to the solution. Outside Europe, Frequentis acquired a project from the US Federal Aviation Administration (FAA) via the general contractor Verizon. The U.S. National Airspace System is being converted into a modern IP network. Around 45,000 flights with around 2.9 million passengers are handled via this network every day.
- ... and global footprint The European market currently accounts for 66% of Group revenue, America is the second most important region with 16%, but is likely to gain in importance, particularly in the PST segment, thanks to the strategic partnership with Tait Communications (see below) concluded in 2024. Frequentis is also "visible" in Asia (11%) and Australia/Pacific/Africa (7%) - Frequentis is the global market leader in voice communication systems for air traffic control with a share of 30%. It is therefore no surprise that one of the world's largest air traffic control service providers announced the order at the end of October 2023. The Canadian air navigation service provider NAV CANADA will equip 100 locations



April 17, 2024

with over 1,000 air traffic controller workstations as part of a nationwide voice communication and gateway project.

Frequentis already had a number of sales successes to report in 2024, such as the renewal of the German Armed Forces' military radar data network at 22 locations at the end of January. MilRADNET was conceived back in 2004 and has now been implemented by Frequentis as a pioneering solution for the exchange and distribution of military air surveillance and flight plan data. Frequentis Comsoft GmbH plays a central role in the MilRADNET project. In March, the strategic partnership with Tait Communications (USA) for North America was announced for the Frequentis LifeX (PST) solution. Tait is thus expanding its solution portfolio and strengthening its sales force in North America. The agreement represents the first (software-based) reseller agreement for Frequentis. In March, orders for the ATM segment were also announced from Italy (Milan Airport) and Lithuania (drone management).

Momentum continues in 2024



Valuation

DCF model

			Phase	el		Phase II				Terminal
in € ths.	2023a	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	Value
	Basis	1	2	3	4	5	6	7	8	
Growth		5.0%	9.8%	9.8%	9.8%	4.9%	3.9%	3.0%	2.0%	1%
Total Revenue	439,173	461,077	506,128	555,670	610,153	640,200	665,470	685,223	698,848	705,836
EBIT	26,647	28,501	31,682	35,218	39,148	41,892	44,394	46,586	48,404	49,788
- adapted Tax on EBIT (2024 cont.)	11,785	6,555	7,287	8,100	9,004	9,635	10,211	10,715	11,133	11,451
+ Depreciation and amortization	17,527	19,642	20,711	21,888	23,182	23,894	24,492	24,958	25,278	25,442
+ Change in long-term provisions	1,878	0	0	0	0	0	0	0	0	0
- Change in net working capital	8,918	4,176	8,769	9,646	10,611	5,836	4,902	3,824	2,626	1,925
+ Other non-cash items	499	0	0	0	0	0	0	0	0	0
- Capex (net of RoU)	18,838	12,000	11,765	12,942	14,236	14,948	15,546	16,012	16,332	16,496
- Capex in Right of Use	8,417	8,946	8,946	8,946	8,946	8,946	8,946	8,946	8,946	8,946
= Free Cash Flow	-1,407	16,466	15,626	17,471	19,533	26,421	29,281	32,048	34,645	36,412
Terminal Value										504,775
Discount factor	n.a.	0.93	0.86	0.79	0.74	0.68	0.63	0.58	0.54	0.54
NPV of Free Cash Flows	n.a.	15,249	13,402	13,878	14,369	18,000	18,475	18,726	18,748	
NPV of Terminal Value										273,157
Valuation		Proportion of Er	nterprise Value							
Result of phase I and II	130,846	32%								
+ Result of Terminal Value	273,157	68%								
= Entity Value	404,003									
+ Net liquidity (as of Dec 31, 2023)	73,817	(Cash - longterm	and shortterm fi	inancial liabilitie	s - pension pro	ovisions)				
- Minorities (as of Dec 31, 2023)	2,157									

Model assumptions

Current No. of Shares (in ths.)

= Equity Value

Price per Share

	Source
Risk free return*	2.63% Bloomberg
Expected Market Return	9.19% Bloomberg / KPMG
Market risk premium	6.56%
Peer Group Beta, relevered	0.96
Beta in Terminal Value = 1	0.90
Cost of Equity	8.92%
Target weight (mean of Peer Group)	86%
Cost of Debt	3.00%
Target weight (mean of Peer Group)	14%
Tax shield	23%
WACC phase I and II	7.98%
WACC TV	8.21%
Growth in Terminal Value	1.00%
*Spot rate German Government Bond, 2	0 years

475,663

13,280

35.82

Sensitivity analysis

		WACC in Terminal Value											
rate Value		6.50%	7.00%	7.50%	8.21%	8.50%	9.00%	9.50%					
	0.0%	37.84	36.22	34.83	33.13	32.52	31.56	30.70					
vth nal	0.5%	39.85	37.96	36.33	34.38	33.70	32.61	31.65					
Growth erminal	1.0%	42.23	39.98	38.08	35.82	35.03	33.80	32.70					
5 E	1.5%	45.08	42.37	40.11	37.47	36.56	35.14	33.89					
	2.0%	48.56	45.23	42.51	39.38	38.31	36.67	35.24					

		EBIT margin in Terminal Value											
rate Value		7.70%	7.80%	7.90%	7.05%	8.10%	8.20%	8.30%					
	0.0%	34.85	35.12	35.38	33.13	35.92	36.19	36.45					
nal v t h	0.5%	36.23	36.52	36.80	34.38	37.37	37.66	37.94					
Growth erminal	1.0%	37.80	38.11	38.42	35.82	39.03	39.34	39.64					
Ter O	1.5%	39.61	39.94	40.27	37.47	40.93	41.26	41.60					
	2.0%	41.70	42.06	42.42	39.38	43.14	43.50	43.86					

Source: BankM Research



PLEASE CONSIDER IMPORTANT INFORMATION, DISCLOSURES AND THE DISCLAIMER AT THE END OF THIS DOCUMENT!

April 17, 2024

Peer Group Analysis

Peer Group	Mkt Cap*	EV*		EV/Sales			EV/EBITDA			EV/EBIT			P/E	
	prev. Day	prev. Day	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026
in € mln														
Saab AB	11,056	10,788	2.1	1.8	1.6	15.6	13.0	11.4	22.8	18.2	15.4	30.7	24.4	20.6
CeoTronics AG	41	55	1.7	1.4	1.4	9.1	7.7	6.7	13.5	11.1	9.2	15.5	12.5	10.2
Kudelski SA	92	329	0.5	0.5	0.5	9.1	7.9	7.0	63.1	16.1	9.4	-	10.4	60.3
PSI AG für Produkte und System	319	293	1.0	0.9	0.8	8.1	6.3	5.1	12.2	9.1	7.8	19.8	14.2	11.0
Kapsch TrafficCom AG	119	255	-	0.4	0.4	2.6	6.2	5.2	3.2	13.7	9.6	5.3	12.5	7.2
Secunet Security Networks AG	979	954	2.4	2.2	2.0	15.0	13.3	12.0	21.8	18.2	15.9	32.5	27.7	24.2
GFT Technologies SE	738	777	0.8	0.8	0.7	7.9	6.8	5.9	10.2	8.5	7.3	15.4	11.8	10.2
Init Innovation in Traffic Sys	362	405	1.6	1.4	1.2	10.4	8.6	7.3	15.3	12.0	10.0	22.6	15.9	13.1
IVU Traffic Technologies AG	259	250	1.9	1.7	1.6	10.9	10.0	8.9	13.9	12.5	10.9	19.3	17.2	15.2
Adacel Technologies Ltd	32	35	1.6	1.1	1.0	61.6	9.2	7.9	neg.	13.8	11.0	neg.	18.5	13.7
Amper SA	138	165	0.4	0.3	0.3	6.4	4.6	5.0	9.7	7.1	7.3	26.7	15.1	14.0
Kontron AG	1,238	1,163	0.7	0.6	0.6	6.8	5.6	5.1	10.2	8.1	7.5	13.1	10.4	9.4
SRT Marine Systems PLC	77	85	1.0	0.7	-	6.4	4.1	-	10.3	5.7	-	12.7	6.1	-
Rosenbauer International AG	211	641	0.6	0.5	0.5	7.6	6.9	6.5	11.6	10.2	9.5	8.6	6.4	6.0
Median**	234.7	311.0	1.0	0.8	0.8	8.6	7.3	6.7	12.2	11.6	9.5	17.4	13.3	13.1
Mean (for information, only)	1,118.6	1,156.9	1.2	1.0	1.0	12.7	7.9	7.2	16.8	11.7	10.1	18.5	14.5	16.5
				Sales			EBITDA			EBIT			Net result	
Frequentis AG op. key figures			448.86	493.75	543.12	48.14	52.39	57.11	28.50	31.68	35.22	20.07	22.32	24.83
*Closing prices prev. day, if not av	ailable: currer	nt prices												
** All values, including negative or	es, are consid	dered for media	an calculation	with negative	e values recei	iving the high	est rank							
Enterprise Value			458.55	411.66	446.70	414.99	383.69	382.61	347.46	366.21	334.52			
+ Net liquidity as of Dec 31, 2021			73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82	73.82			
- Minorities as of Dec 31, 2021			2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16			
Value of the Equity			530.21	483.32	518.36	486.65	455.35	454.27	419.12	437.87	406.18	348.91	297.91	324.35
				_										
Year	2024	2025	2026		Calculation of	of the Equity	Value	2024	2025	2026				
Implicit price per share	33.60	31.52	32.06	((in €mln)									
				-	based on E			530.21	483.32	518.36				
				-	based on E			486.65	455.35	454.27				
				-	based on E			419.12	437.87	406.18				
				Ŀ	based on P	/E		348.91	297.91	324.35				
				-	Mean			446.22	418.61	425.79				
				1	No. of shares			13,280	13,280	13,280				
									04 50					

33.60

31.52

32.06

Price/share (€)

Source: Bloomberg, BankM Research

Valuation Summary

Our DCF analysis suggests a value per share of \in 35.82 and the **peer group** analysis based on 2024, 2025 and 2026 yields an average value per share of \in 32.40. Equal weighting of both approaches returns a fair value **per Frequentis** share of \in 34.11. Our fair value thus exceeds the current share price by 28.7% entailing a "Buy" rating based on our valuation scheme.

Fair Value per share: € 34.11



April 17, 2024

Tables

Profit & Loss Account

Fiscal Year 31.12 (IFRS) in € ths.	2022a	2023a	2024e	2025e	2026e	2027e	5y - CAGR (%) 2021 -2026
Net sales	385,970	427,487	448,861	493,747	543,122	597,434	9.1
Growth rate (in %)	15.7	10.8	5.0	10.0	10.0	10.0	
Changes in inventory	22	-454	0	0	0	0	
Other own work capitalized	2,574	4,082	4,000	4,000	4,000	4,000	
Other operating income	10,514	8,055	8,216	8,380	8,548	8,719	
Profit from a business combination	0	3	0	0			
Total operating income	399,080	439,173	461,077	506,128	555,670	610,153	8.9
Cost of materials	99,250	104,714	109,950	120,945	133,039	146,343	
in % of net sales	25.7	24.5	24.5	24.5	24.5	24.5	
Gross profit	299,830	334,459	351,128	385,183	422,631	463,810	9.1
Personnel expenses	203,872	227,854	238,798	262,184	287,859	316,048	
in % of net sales	52.8	53.3	53.2	53.1	53.0	52.9	
Other operating expenses	50,326	62,431	64,187	70,606	77,666	85,433	
in % of net sales	13.0	14.6	14.3	14.3	14.3	14.3	
EBITDA	45,632	44,174	48,143	52,393	57,106	62,330	6.4
Depreciation and amortization	20,641	17,527	19,642	20,711	21,888	23,182	
in % of net sales	5.3	4.1	4.4	4.2	4.0	3.9	
EBIT	24,991	26,647	28,501	31,682	35,218	39,148	9.4
Interest income	209	946	946	946	946	946	
Interest expense	738	1442	1442	1442	1442	1442	
Investments in associated companies	275	268	268	268	268	268	
Other Financial result	0	0	0	0	0	0	
EBT	24,737	26,419	28,273	31,454	34,990	38,920	9.5
Taxes on Income (Exp.+/Inc)	5,859	6,439	6,503	7,234	8,048	8,952	
Net profit before minorities	18,878	19,980	21,770	24,220	26,942	29,968	9.7
Minorities	155	1,564	1,704	1,896	2,109	2,346	
Net profit after minorities	18,723	18,416	20,066	22,324	24,833	27,622	8.1
No. of shares	13,280	13,280	13,280	13,280	13,280	13,280	
Net profit / share (EPS)	1.41	1.39	1.51	1.68	1.87	2.08	

Source: Frequentis AG (a), BankM Research (e)

P&L Margins

Maryins							
Margins (in %) of revenues	2022a	2023a	2024e	2025e	2026e	2027e	
Gross profit margin	77.7	78.2	78.2	78.0	77.8	77.6	
EBITDA margin	11.8	10.3	10.7	10.6	10.5	10.4	
EBIT margin	6.5	6.2	6.3	6.4	6.5	6.6	
EBT margin	6.4	6.2	6.3	6.4	6.4	6.5	
Net profit margin	4.9	4.3	4.5	4.5	4.6	4.6	

Source: Frequentis AG (a), BankM Research (e)



April 17, 2024

Cash Flow Statement

Fiscal Year 31.12 (IFRS)	2022a	2023a	2024e	2025e	2026e	2027e
in € ths.						
EBT	24,737	26,419	28,273	31,454	34,990	38,920
+ Depreciation and amortization	20,641	17,527	19,642	20,711	21,888	23,182
+ Chg. in long-term provisions	-2,151	1,878	0	0	0	0
= Cash Earnings	43,227	45,824	47,915	52,165	56,878	62,102
- Chg. in net working capital	23,561	8,918	4,176	8,769	9,646	10,611
+ Financial result	107	35	228	228	228	228
- Tax	5,400	11,785	6,503	7,234	8,048	8,952
+ Others	-150	499	0	0	0	0
= Operating Cash Flow	14,223	25,655	37,464	36,390	39,411	42,767
- Capex	20,143	18,838	12,000	11,765	12,942	14,236
= Free Cash Flow	-5,920	6,817	25,464	24,624	26,470	28,531
+ Increase in share capital (net)	0	-787	0	0	0	0
- Share buyback	0	520	0	0	0	0
+ Bank and other loans	-4,201	444	0	0	0	0
- Amortization Leasing	8,686	8,417	8,946	8,946	8,946	8,946
- Dividends	3,607	4,125	3,187	4,013	4,465	4,967
+ Financial result	0	0	-228	-228	-228	-228
+ Other items	0	0	0	0	0	0
= Incr. in Cash (+)/Decr. in Cash (-)	-22,414	-6,588	13,103	11,437	12,831	14,390
Source: Frequentis AG (a) BankM Research	(a)					

Source: Frequentis AG (a), BankM Research (e)

PLEASE CONSIDER IMPORTANT INFORMATION, DISCLOSURES AND THE DISCLAIMER AT THE END OF THIS DOCUMENT!



- 8/10 - Tables

Frequentis AG

April 17, 2024

Balance Sheet

Dalance Sheel							
Fiscal Year 31.12 (IFRS)	2021a	2022a	2023a	2024e	2025e	2026e	2027e
in € ths.							
Assets							
Total Fixed Assets	72,613	80,435	93,969	95,273	95,273	95,273	95,273
Tangible assets	47,717	53,298	55,888	56,540	56,540	56,540	56,540
Intangible assets	17,717	14,501	17,514	18,166	18,166	18,166	18,166
Goodwill	3,433	5,834	11,351	11,351	11,351	11,351	11,351
Shares in associated companies	1,656	2,097	2,903	2,903	2,903	2,903	2,903
Equity instruments	0	0	0	0	0	0	0
Other assets	241	920	696	696	696	696	696
Deferred tax	1,849	3,785	5,617	5,617	5,617	5,617	5,617
Total Current Assets	243,083	259,840	277,103	298,935	328,703	361,698	398,268
Inventories	17,077	21,726	26,628	27,959	30,755	33,831	37,214
Accounts receivable & other assets	112,172	134,248	147,952	155,350	170,885	187,973	206,770
Securities	2,199	10,000	10,500	10,500	10,500	10,500	10,500
Total liquid funds	103,798	81,380	74,180	87,283	98,720	111,551	125,941
Other current assets	7,837	12,486	17,843	17,843	17,843	17,843	17,843
Balance Sheet Total	315,696	340,275	371,072	394,208	423,976	456,971	493,542
Equity / Liabilities							
Equity	129,850	147,279	155,624	174,207	194,413	216,891	241,892
Subscribed capital	13,280	13,280	13,280	13,280	13,280	13,280	13,280
Share premium	21,138	21,138	21,138	21,138	21,138	21,138	21,138
Other reserves	92,380	110,858	119,593	136,472	154,782	175,151	197,806
Own shares	-384	-221	-544	-544	-544	-544	-544
Minorities	3,436	2,224	2,157	3,861	5,757	7,866	10,212
Long Term Liabilities	60,621	61,924	73,050	73,050	73,050	73,050	73,050
Provisions	19,992	17,263	19,665	19,665	19,665	19,665	19,665
Long-Term Loans	3,820	218	148	148	148	148	148
Lease Liabilities	29,785	30,763	29,187	29,187	29,187	29,187	29,187
Deferred tax	6,166	9,441	10,078	10,078	10,078	10,078	10,078
Other liabilities	858	4,239	13,972	13,972	13,972	13,972	13,972
Short Term Liabilities (< 1 year)	125,225	131,072	142,398	146,951	156,512	167,030	178,599
Acc. payable & pre-paymts.	78,810	84,293	91,061	95,614	105,175	115,693	127,262
Bank loans	1,085	199	215	215	215	215	215
Lease Liabilities	7,794	8,422	8,068	8,068	8,068	8,068	8,068
Provisions	17,415	14,914	15,823	15,823	15,823	15,823	15,823
Tax liabilities	4,992	6,896	5,196	5,196	5,196	5,196	5,196
other current liabilties	15,129	16,348	22,035	22,035	22,035	22,035	22,035
Balance Sheet Total	315,696	340,275	371,072	394,208	423,976	456,971	493,542
Source: Frequentis AG (a), BankM Researc	:h (e)						

Balance Sheet Ratios

Dulaitee enteet nuitee							
In % of Balance Sheet Total	2021a	2022a	2023a	2024e	2025e	2026e	2027e
Total Fixed Assets	23.00	23.64	25.32	24.17	22.47	20.85	19.30
Total Current Assets	77.00	76.36	74.68	75.83	77.53	79.15	80.70
Inventories	5.41	6.38	7.18	7.09	7.25	7.40	7.54
Trade receivables	35.53	39.45	39.87	39.41	40.31	41.13	41.90
Total liquid funds	32.88	23.92	19.99	22.14	23.28	24.41	25.52
Shareholder's Equity	41.13	43.28	41.94	44.19	45.85	47.46	49.01
Long Term Liabilites	19.20	18.20	19.69	18.53	17.23	15.99	14.80
Short Term Liabilities	39.67	38.52	38.37	37.28	36.92	36.55	36.19
Total Liabilities	58.87	56.72	58.06	55.81	54.15	52.54	50.99

Source: Frequentis AG (a), BankM Research (e)



April 17, 2024

Important information, disclosures, and disclaimer

Note regarding MiFID II: This research report has been prepared by order of the issuer based on a contractual agreement and is being compensated for by the issuer. The research report has simultaneously been made publicly available to all interested persons. Hence, the receipt of this research report is to be regarded as a permitted insignificant non-monetary benefit according to § 64 para 7 sentence 2 No. 1 and 2 of the German Securities Trading Act (WpHG).

A. Important information

Equity investments generally involve high risks. Investors may lose some or all of the money invested. Potential investors should take into account that share prices may fall and rise and that income from an investment may fluctuate considerably. Past performance is no guarantee for future results. Investors make their decisions at their own risk.

B. Disclosures according to § 85 WpHG and Regulation (EU) No. 596/2014 (MAR) and the Commission Delegated Regulation (EU) No. 958/2016 and the Commission Delegated Regulation (EU) No. 565/2017:

I. Information about author, company held accountable, regulatory authority:

Responsible for the content of this document: BankM AG, Frankfurt am Main, Germany ("BankM"). We appreciate the qualified support of Jan Kaden during his internship as part of his dual study program.

Authors: Daniel Grossjohann and Dr. Roger Becker (CEFA), analysts.

Regulatory authority for BankM is the Bundesanstalt für Finanzdienstleistungsaufsicht (BaFin), Graurheindorfer Straße 108, 53117 Bonn, Germany and Marie-Curie-Straße 24-28, 60439 Frankfurt am Main, Germany.

Issuer of the analysed instruments is Frequentis AG.

Notice regarding previous publications regarding the issuer within the last 12 months:

Analysts	Date	Valuation Result	Fair Value
Daniel Großjohann, Dr. Roger Becker (CEFA)	August 20, 2021	Hold	€ 28.07
Daniel Großjohann, Dr. Roger Becker (CEFA)	February 11, 2022	Hold	€ 30.46
Daniel Großjohann, Dr. Roger Becker (CEFA)	April 12, 2022	Buy	€ 34.21
Daniel Großjohann, Dr. Roger Becker (CEFA)	August 24, 2022	Hold	€ 30.47
Daniel Großjohann, Dr. Roger Becker (CEFA)	May 2, 2023	Hold	€ 32.60
Daniel Großjohann, Dr. Roger Becker (CEFA)	August 28, 2023	Hold	€ 33.45

II. Additional Information:

1. Sources of information:

Main sources of information for the compilation of this document are publications in national and international media and information services (e.g. Reuters, VWD, Bloomberg, dpa-AFX, ACMR-IBIS World and others), financial newspapers and magazines (e.g. Börsenzeitung, Handelsblatt, Frankfurter Allgemeine Zeitung, Economist and others), specialist media, published statistics, rating agencies as well as publications by peer group companies and the company itself. Furthermore, talks with the management of the issuer have been held. This document was made available to the issuer before publication to ensure the accuracy of the information provided. This resulted in no changes in content.

2. Summary of the valuation principles and methods used to prepare this document:

BankM uses a 3-tier absolute rating model. The ratings are the evaluation results and refer to a fair value pricing reflecting a time-horizon of up to 12 months.

BUY: The calculated fair value of the company's stock is at least 15 % higher than the current market price at the time of the compilation of this document.

HOLD: The calculated fair value of the company's stock lies between -15% and +15% of the current market price at the time of the compilation of this document.

SELL: The calculated fair value of the company's stock is at least 15 % lower than the current market price at the time of the compilation of this document.

The following valuation methods are being used: Multiple-based models (Price/Earnings, Price/Cash-flow, Price/Book value, EV/Sales, EV/EBIT, EV/EBITA, EV/EBITDA), peer-group comparisons, historical valuation approaches, discount models (DCF, DDM), break-up value and sum-of-the-parts-approaches, assetbased evaluation methods or a combination of the above. The used valuation models depend on macroeconomic factors, such as interest rates, exchange rates, raw materials and on basic assumptions about the economy. Additionally, market sentiment affects the valuation of companies. The valuation is also based on expectations that might change rapidly and without notice, depending on developments specific to individual industries. Rendered evaluation results and fair values derived from the models might therefore change respectively. The evaluation results in general relate to a 12-month horizon. However, evaluation results are subject to changing market conditions and represent only the situation at a given point of time. The evaluation results and fair value prices may in fact be achieved more quickly or slowly than expected by the analysts. Also, the evaluation results and fair value prices might need to be revised upward or downward.

3. Date and time of finalisation of this document (German original):

April 16, 2024, 2 p.m. (CEST)

4. Date and time of prices of the instruments quoted in this document:

Closing prices of April 15, 2024, 5:30 p.m. (CEST)

5. Updates:

A specific date or time for an update of this document has not been set. The information given in this document reflects the author's judgement on the date of this publication and is subject to change without notice; it may be incomplete or condensed and it may not contain all material information concerning the company covered. It is in the sole responsibility of BankM to decide on a potential update of this document.



April 17, 2024

- 10/10 - Important information, disclosures, and disclaimer

III. Disclosures about potential conflicts of interest:

1. BankM's business model is based on economic relationships with issuers and equity transactions to be performed relating to the issuer's stock. BankM has entered into an agreement about the preparation of this document with the issuer that is, or whose financial instruments are, the subject of this document.

BankM (incl. subsidiaries and affiliates), the authors of this document as well as other persons that were involved in the compilation of this document or affiliated parties:

- do not have a major shareholding (shareholding exceeding 5%) of the share capital of the issuer
- have, within the past twelve months, not participated in leading a consortium for the issue via public offer of the financial instruments that are, or whose issuers are, the subject of this document,
- have, within the past twelve months, not been party to an agreement on the provision of investment banking services with the issuer, that is, or whose financial instruments are, subject of this document and have not received or will not receive a compensation under the terms of this agreement during the same period,
- have no other significant economic interests relating to the issuer that is, or whose financial instruments are, the subject of this analysis.

2. In the function as a designated sponsor, BankM manages the financial instruments that are, or whose issuers are, the subject of the financial analysis on a market by placing buy or sell orders and will regularly hold a trading stock or long or short positions in the issuer's stock.

3. BankM's internal organisation is aligned with the prevention of conflict of interests in producing and distributing research reports. Possible conflicts of interests will be treated adequately. In particular, physical and non-physical boundaries were installed to keep analysts from gaining access to information that possibly could constitute a conflict of interest for the bank. Insiders' dealings according to Art. 14 Regulation (EU) 596/2014 categorically are prohibited. All staff members of BankM that have access to inside information categorically have to disclose all dealings in financial instruments to the internal compliance department. The compliance of legal requirements and supervisory regulations is subject to continuous supervision and control of the compliance department of BankM. In this regard, the right to restrict employees' dealings in financial instruments is reserved.

4. The remuneration of the analysts mentioned above is not dependent on any investment banking transactions of BankM or its affiliates. The analysts that compiled this document did not receive or acquire shares in the issuer that is, or whose financial instruments are, the subject of this document at any time. The analysts mentioned above herby certify that all of the views expressed accurately reflect their personal views about the issuer and that no part of their compensation was, is or will be, directly or indirectly, related to the specific evaluation result or views expressed by the analyst in this document.

5. Updated information according to Commission Delegated Regulation (EU No. 958/2016 Art. 6 sec. 3 is available at: http://www.bankm.de/webdyn/138_cs_Gesetzliche+Angaben.html.

C. Disclaimer

This document was compiled by BankM solely for informational purposes and for the personal use by persons in Germany that are interested in the company and who purchase or sell transferable securities for their own account or the account of others in the context of their trade, profession or occupation. This document neither constitutes a contract nor any kind of obligation.

This document and its content, in whole or in part, may not be reproduced, distributed, published, or passed on to any other person without the prior written consent of BankM.

This publication is for distribution in or from the United Kingdom only with the prior written consent of BankM and only to persons who are authorised persons or exempted persons within the meaning of the Financial Services and Markets Act 2000 of the United Kingdom or any order made there under or to investment professionals as defined in Section 19(5) of the Financial Services and Markets Act 2000 (financial promotion) order 2005 (the order) respectively in the version as amended from time to time and is not intended to be distributed or passed on, directly or indirectly, to any other class of persons.

Neither this document nor any copy of it may be taken or transmitted into the United States of America, Canada, Japan or Australia or distributed, directly or indirectly, in the United States of America, Canada, Japan or Australia or to any resident thereof.

The distribution of this document in other jurisdictions may be restricted by law, and persons who are in possession of this document have to inform themselves about any such restrictions and observe any such restrictions.

This document is not intended to be an offer, or the solicitation of any offer to buy or sell the securities referred to herein. This document is intended to provide information to assist institutional investors in making their own investment decisions, not to provide investment advice to any specific investor. Potential investors should seek professional and individual advice before making their investment decisions. Investment decisions must not be based on this document.

The information within this document has been obtained from sources believed by BankM to be reliable, but BankM does not examine the information to be accurate and complete, nor guarantees its accuracy and completeness. Although due care has been taken in compiling this document, it cannot be excluded that the information given is incomplete or the document contains errors. The liability of BankM shall be restricted to gross negligence and wilful misconduct. All opinions expressed in this document are those of BankM respectively the authors and subject to change without notice. Possible errors or incompleteness of this document may be corrected by BankM and do not constitute grounds for liability, neither with regard to indirect nor to direct or consequential damages. Only in case of failure in essential tasks, BankM is liable for simple negligence. In addition, BankM does not accept any liability or responsibility for any loss arising from any use of this publication or its contents or otherwise arising in connection herewith. In any case, the liability of BankM is limited to typical, foreseeable damages and the liability for any indirect damages is excluded.

By accepting this document, the reader/user of this document agrees to be bound by all of the foregoing provisions and this disclaimer. Moreover, the user agrees not to distribute this document to unauthorized persons. The user of this document shall indemnify BankM for any damages, claims, losses, and detriments resulting from or in connection with the unauthorized use of this document.

This document is subject to the laws of the Federal Republic of Germany. Place of jurisdiction is Frankfurt am Main, Germany.

Should certain specifications of this disclaimer not be legally binding or become legally non-binding, this will have no impact on the legally binding character of this disclaimer and its other legal specifications.

This document is not intended for use by persons resident in any jurisdiction that regulates access to such documents by applicable laws. Investment decisions must not be based on any statement in this document. Persons in possession of this document should inform themselves about possible legal restrictions and observe them accordingly. In case of uncertainty persons should not access and/or consider the content of this document in any decisions. This document is not intended for use by persons that are classified as US-persons under the United States Securities Act.

© 2024 BankM AG, Baseler Straße 10, D-60329 Frankfurt. All rights reserved.

This document is the English version of the legally binding German original research published and dated April 17, 2024.

