

Basic Report Update

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Valuation Result

HOLD

(previous: Buy)

Fair Value

€30.47

(previous: €34.21)

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Significant growth in an uncertain market environment underlines resilience of the business model

The half-year figures of Frequentis AG show a 15.7% increase in revenue (to €167.3 million), growth was a solid 4.3%. EBITDA (€8.4 million) and EBIT (€-0.5 million) in the first half of the year are characterised by the seasonality typical of the business model - project acceptances accumulate at the end of the year, while fixed costs are evenly distributed. This typically results in a significantly higher margin in H2. Despite continuing uncertainties [including pandemic measures, cost inflation (wage agreements, electronic components) and supply chains], we expect Frequentis to achieve its annual targets for 2022 (including increases in revenue and order intake, EBIT margin between 6% and 8%). We leave our revenue and earnings expectations unchanged, but the interest rate environment, peer valuation and higher-than-expected inventories (working capital) have a negative impact on the valuation. Given the resilience of the business model, a 2022 P/E of 25.5 seems reasonable to us.

- In H1 2022, **order intake increased to €161.2 million** (+2.6% vs. H1 2021). Both segments contributed to this, with Air Traffic Management (ATM) accounting for **€118 million (H1 21: €117 million)** and **Public Safety & Transport (PST) contributing €43 million (H1 21: €40 million)**. The order book reached almost half a billion euros (**€498.1 million; +10% compared to H1 21**).
- The **revenue increase** in the first half of the year was driven by the **ATM** segment, which showed strong revenue growth to €112.8 million (**+26.9%**). Sales in the **PST** segment **declined slightly** and reached **€54.3 million (-2.8%)**. This trend should not be over-interpreted, especially against the background of a further increase in orders on hand and good capacity utilisation: As revenue recognition is linked to project acceptances, revenue alone does not always reflect the actual operational development.

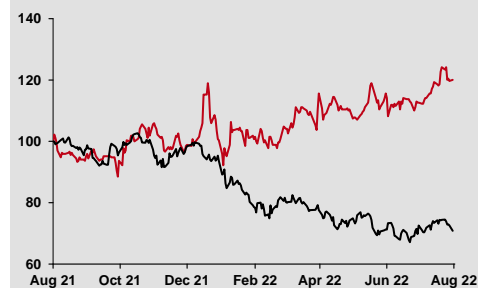
Outlook 2022: Frequentis has confirmed the previous outlook and continues to expect **growth in revenue and order intake** in the current financial year. The EBIT margin is expected to be between 6% and 8%. Capex (excl. leasing) is expected at €7 million.

Key Data / Earnings (in €mln)

Year	Net Sales	EBITDA	EBIT	adj. EBT	adj. Net Profit	adj. EPS (€)	DPS (€)	EBIT margin	adj. Net margin
2020a*	299.4	41.9	26.8	26.5	19.2	1.45	0.15	9.0%	6.4%
2021a	333.5	46.5	29.0	27.9	20.0	1.50	0.20	8.7%	6.0%
2022e	354.0	41.7	24.1	24.0	17.0	1.28	0.25	6.8%	4.8%
2023e	373.5	45.2	27.2	27.0	19.1	1.44	0.29	7.3%	5.1%
2024e	392.1	47.2	28.6	28.5	20.0	1.51	0.30	7.3%	5.1%
2025e	411.8	49.3	30.2	30.0	21.0	1.58	0.32	7.3%	5.1%

Source: Frequentis AG (a), BankM Research (e); *adjusted for the one-off effect of "Commerzbank Mattersburg"

Sector	Communication / Software			
WKN	A2PHG5			
ISIN	ATFREQUENT09			
Bloomberg/Reuters	FQT GY / FQT.DE			
Accounting standard	IFRS			
Financial year	Dec 31			
Report FY 2022	April 2023			
Market segment	Regulated Market			
Transparency standard	General Standard			
Financial ratios	2022e	2023e	2024e	2025e
EV/Sales	1.11	1.06	1.01	0.96
EV/EBITDA	9.46	8.72	8.36	8.01
EV/EBIT	16.34	14.52	13.78	13.07
P/E	25.45	22.66	21.62	20.64
Price/Bookvalue	2.98	2.67	2.41	2.18
Price/FCF	72.68	17.08	11.40	15.42
ROE (in %)	12.36	12.42	11.71	11.10
ROIC (in %)	12.74	12.87	12.24	11.70
Dividend yield (in %)	0.77	0.89	0.93	0.98
Number of shares (in mln)	13.28			
MarketCap / EV (in €m)	432.9 / 394.6			
Free float (in %)	22			
Ø daily trading vol. (3M, in €ths.)	36.69			
12M high / low (in €; close)	33.40 / 23.80			
Price August 22, 2022 (in €; close)	32.30			
Performance	1M	6M	12M	
absolute (in %)	6.6%	18.3%	20.1%	
relative (in %)	9.2%	31.2%	68.9%	
Benchmark index	Daxsubsector Software			



Frequentis AG (XETRA; red, light), Performance 1y vs. DAXsubsector Software (black)

Source: Bloomberg

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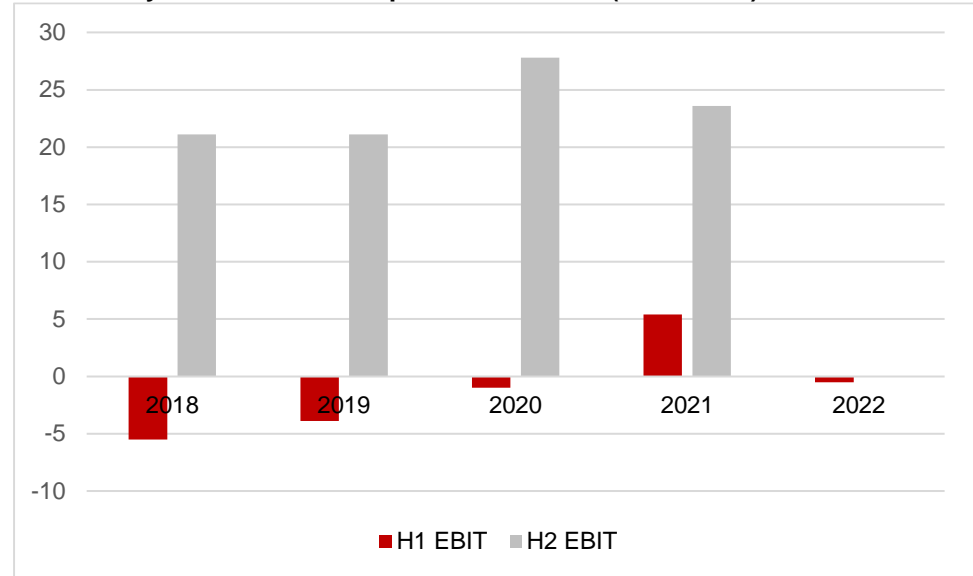
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Seasonality with stronger second half of the year ...

Turnover is strongly dependent on project acceptances, which regularly take place in the final quarter. As fixed costs are more or less evenly distributed over the course of the year, the EBIT margin in H1 is usually negative and significantly weaker than in H2. The positive H1 EBIT in 2021 was an exception.

Seasonality in EBIT 2018 compared to 2022 H1 (in €million)



Source: Frequentis, BankM Research

... and little influenced by the economy

The business model is largely independent of the economic cycle - **investments in the safety-critical infrastructure** can only be postponed to a limited extent and are independent of the current utilisation of this infrastructure (operations, flights).

Highlights in incoming orders

In the first half of the year, Frequentis recorded several outstanding and strategically significant incoming orders in both segments. In the **ATM segment**, for example, demand for **remote digital towers** continues unabated, and an order was placed by the French air navigation service provider **DSNA**. With the **Austrian air navigation service provider**, the development of a digital traffic management solution for the **integration of drone flights** in Austrian airspace was started. The tender process for the creation of the **first Australian flight information management system (FIMS)**, for which Frequentis was selected, also focuses on the topic of drones. In the **PST segment**, the leading market position in Germany in the area of blue-light organisations was further expanded in the **Public Safety submarket**. New orders came from **North Rhine-Westphalia** (BOS digital radio/fire brigade) and **Saarland** (integrated control centre solution). The **Public Transport submarket** generated more orders from existing customers, especially in **Europe**. The **Maritime** sub-market received an order for the renewal of the **control centre communication of the coastal surveillance (Australia)**, as well as orders from existing customers, such as the **Dutch coast guard**.

Acquisitions expand the addressable market

Since the IPO, Frequentis has made six acquisitions, four of which are attributable to the ATM segment and two to the PST segment. Most recently, a 51% share in the Italian company **Regola**, which develops innovative software solutions in the field of public safety, was acquired. Regola's command-and-

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control solutions **complement the solution portfolio in the PST segment**. The addressable market within the control centre market (total volume: approx. €13.1 billion) is thus expanded, starting from the current level of €2.7 billion.

The economies continue to face a number of challenges, which include geopolitical uncertainty regarding available budgets and possible project postponements, as well as supply chain issues and the massive increases in producer prices. Frequentis continues to counter **supply chain issues** with **early stockpiling** for upcoming projects - this explains the significant increase in inventories to €27.6 million (31.12.21: €17.1 million). We have adjusted our estimates in this regard and tend to assume a further increase in inventories. Project postponements due to a lack of material can thus be virtually ruled out. In our opinion, the ratio of inventories to revenue **should return to normal** from 2024 onwards. Frequentis cannot escape the general price increases. However, the foreseeable significant increase in personnel costs can only be priced in step by step in the offers to customers when the relevant collective agreement ("Metallverarbeitendes Gewerbe" for Austrian employees) is available. We assume that personnel costs will increase by more than 3% on average in 2022 due to **higher wage agreements in the relevant markets alone** - in addition to the personnel costs added by the acquisitions.

Macroeconomic challenges persist

Valuation

DCF model

in € ths.	2021a	Phase I				Phase II				Terminal Value
		2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	
	Basis	1	2	3	4	5	6	7	8	
	Growth	5.5%	5.4%	4.9%	4.9%	4.9%	4.9%	4.9%	4.9%	1%
Total Revenue	344,818	363,640	383,303	402,173	421,981	442,773	464,598	487,509	511,559	516,674
EBIT	28,968	24,143	27,168	28,643	30,186	31,674	33,304	35,018	36,821	37,343
- adapted Tax on EBIT (2022 ff.)	3,584	6,036	6,792	7,161	7,547	7,918	8,326	8,755	9,205	9,336
+ Depreciation and amortization	18,401	17,557	18,069	18,561	19,078	19,620	20,190	20,788	21,415	21,547
+ Change in long-term provisions	3,860	0	0	0	0	0	0	0	0	0
- Change in net working capital	-4,810	13,096	3,494	-8,134	2,945	3,092	3,247	3,409	3,579	300
+ Other non-cash items	25	-4,992	0	0	0	0	0	0	0	0
- Capex (net of RoU)	24,613	13,326	9,838	10,330	10,847	11,389	11,959	12,557	13,184	13,316
- Capex in Right of Use	8,228	8,231	8,231	8,231	8,231	8,231	8,231	8,231	8,231	8,231
= Free Cash Flow	19,639	-3,981	16,882	29,616	19,695	20,663	21,731	22,855	24,037	27,707
Terminal Value										402,873
Discount factor	n.a.	0.92	0.85	0.79	0.73	0.67	0.62	0.57	0.53	0.53
NPV of Free Cash Flows	n.a.	-3,678	14,412	23,361	14,354	13,915	13,521	13,139	12,768	
NPV of Terminal Value										214,002
Valuation		Proportion of Enterprise Value								
Result of phase I and II	101,793	32%								
+ Result of Terminal Value	214,002	68%								
= Entity Value	315,795									
+ Net liquidity (as of Dec 31, 2021)	79,676	(Cash - longterm and shortterm financial liabilities - pension provisions)								
- Minorities (as of Dec 31, 2021)	3,436									
= Equity Value	392,035									
Current No. of Shares (in ths.)	13,280									
Price per Share	29.52									

Model assumptions

	Source
Risk free return*	1.427% <i>Bloomberg</i>
Expected Market Return	9.23% <i>Bloomberg / KPMG</i>
Market risk premium	7.80%
Levered Beta	1.05
<i>Beta in Terminal Value = 1</i>	
Cost of Equity	9.65%
Target weight (mean of Peer Group)	83%
Cost of Debt	1.43%
Target weight (mean of Peer Group)	17%
Tax shield	25%
WACC phase I and II	8.23%
WACC TV	7.88%
Growth in Terminal Value	1.00%

*Spot rate German Government Bond, 20 years

Sensitivity analysis

Growth rate Terminal Value	WACC in Terminal Value							
	6.5%	7.0%	7.5%	7.9%	8.5%	9.0%	9.5%	
0.0%	30.29	29.08	28.03	27.33	26.31	25.60	24.96	
0.5%	31.78	30.37	29.16	28.35	27.19	26.38	25.66	
1.0%	33.56	31.88	30.46	29.52	28.18	27.26	26.44	
1.5%	35.68	33.66	31.97	30.87	29.32	28.26	27.33	
2.0%	38.28	35.79	33.76	32.45	30.63	29.40	28.33	

Growth rate Terminal Value	EBIT margin in Terminal Value							
	6.0%	6.5%	7.0%	7.2%	7.5%	8.0%	8.5%	
0.0%	24.94	25.92	26.89	27.33	27.87	28.84	29.81	
0.5%	25.79	26.83	27.88	28.35	28.92	29.97	31.01	
1.0%	26.75	27.88	29.01	29.52	30.13	31.26	32.39	
1.5%	27.87	29.09	30.32	30.87	31.54	32.76	33.98	
2.0%	34.78	36.12	37.45	38.05	38.78	40.11	41.44	

Source: BankM Research

Frequentis AG

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Valuation Summary - 5/10 -

Peer Group Analysis

Peer Group	Mkt Cap*	EV*	EV/Sales			EV/EBITDA			EV/EBIT			P/E		
	prev. Day	prev. Day	2022	2023	2024	2022	2023	2024	2022	2023	2024	2022	2023	2024
in € mln														
Saab AB	4,745	4,648	1.2	1.1	1.0	9.3	8.2	7.4	14.9	12.5	10.9	22.7	18.0	15.9
CeoTronics AG	31	39	1.3	1.3	1.3	5.9	8.2	7.7	11.8	11.5	11.0	13.8	13.4	12.9
Kudelski SA	160	378	0.5	0.4	0.4	5.6	5.3	5.1	12.9	12.0	11.6	14.3	13.4	10.2
PSI Software AG	391	363	1.4	1.3	1.2	9.8	8.4	7.7	14.3	12.0	10.5	22.5	18.6	16.2
Kapsch TrafficCom AG	163	315	0.6	0.6	0.5	10.1	9.7	7.3	33.7	25.2	13.3	neg.	32.2	13.3
Secunet Security Networks AG	1,570	1,588	4.7	3.9	3.5	23.6	19.3	16.4	27.3	22.2	18.7	39.7	32.3	27.3
GFT Technologies SE	932	994	1.4	1.2	1.0	12.3	10.4	8.9	16.4	13.3	11.0	21.5	17.5	14.4
Traffic Systems SE	224	234	1.2	1.1	0.9	9.0	6.9	5.8	14.7	10.0	7.9	20.3	13.8	11.0
IVU Traffic Technologies AG	253	221	2.0	1.8	1.7	13.0	11.6	11.0	15.2	13.8	12.8	23.0	21.1	19.5
Adacel Technologies Ltd	47	46	1.7	1.6	1.5	6.9	6.2	5.7	8.6	7.7	7.0	12.2	11.2	10.1
Amper SA	205	300	0.9	-	-	14.6	-	-	-	-	-	-	-	-
Kontron AG	970	1,169	0.8	0.7	0.7	8.2	7.3	6.4	14.6	12.5	10.5	15.8	13.5	11.5
SRT Marine Systems PLC	67	70	7.3	1.0	1.5	neg.	5.3	41.7	neg.	7.9	neg.	neg.	8.3	-
CS Group SA	273	330	1.3	1.2	1.1	13.7	10.9	9.0	25.6	17.3	14.0	43.3	25.0	19.5
Rosenbauer International AG	245	681	0.7	0.6	0.6	15.3	9.5	7.7	43.0	16.0	11.8	52.1	10.2	6.9
Median**	244.8	329.9	1.3	1.1	1.1	10.1	8.3	7.7	15.1	12.5	11.3	22.6	15.7	13.3
<i>Mean (for information, only)</i>	<i>685.0</i>	<i>758.4</i>	<i>1.8</i>	<i>1.3</i>	<i>1.2</i>	<i>11.2</i>	<i>9.1</i>	<i>10.6</i>	<i>19.5</i>	<i>13.8</i>	<i>11.6</i>	<i>25.1</i>	<i>17.8</i>	<i>14.5</i>
			Sales			EBITDA			EBIT			Net result		
Frequentis AG op. key figures			354.00	373.47	392.14	41.70	45.24	47.20	24.14	27.17	28.64	17.01	19.10	20.02

*Closing prices prev. day, if not available: current prices

** All values, including negative ones, are considered for median calculation, with negative values receiving the highest rank

Enterprise Value	454.47	420.69	421.98	423.02	375.43	363.08	363.78	339.31	324.13
+ Net liquidity as of Dec 31, 2021	66.74	66.74	66.74	66.74	66.74	66.74	66.74	66.74	66.74
- Minorities as of Dec 31, 2021	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
Value of the Equity	518.06	484.28	485.57	486.61	439.02	426.67	427.38	402.90	387.72

Year	2022	2023	2024
Implicit price per share	34.19	30.60	29.49

Calculation of the Equity Value (in €mln)	2022	2023	2024
- based on EV/Sales	518.06	484.28	485.57
- based on EV/EBITDA	486.61	439.02	426.67
- based on EV/EBIT	427.38	402.90	387.72
- based on P/E	384.10	299.08	266.68
Mean	454.04	406.32	391.66
No. of shares (in ths.)	13,280	13,280	13,280
Price/share (€)	34.19	30.60	29.49

Source: Bloomberg, BankM Research

Valuation Summary

Our **DCF analysis** yields a value per share of €29.52 and the **peer group analysis** on the basis of 2022, 2023 and 2024 yields an average value per share of €31.43. With equal weighting of both approaches, the **Fair Value per Frequentis share is € 30.47**. Our fair value is thus 5.7% below the current share price and leads to our investment recommendation of "Hold".

Fair Value per share: €30.47

Tables

Profit & Loss Account

Fiscal Year 31.12 (IFRS) in € ths.	2020a	2021a	2022e	2023e	2024e	2025e	5y - CAGR (%) 2020 -2025	H1/2021a	H1/2022a
Net sales	299,374	333,526	354,000	373,470	392,144	411,751	6.6	144,634	167,296
<i>Growth rate (in %)</i>	-1.4	11.4	6.1	5.5	5.0	5.0		9.4	15.7
Changes in inventory	-272	-202	0	0	0	0		1781	1,760
Other own work capitalized	216	92	0	0	0	0		6	457
Other operating income	8,559	9,451	9,640	9,833	10,029	10,230		3,246	4,605
Profit from a business combination	0	1,951	0	0	0	0		1,657	0
Total operating income	307,877	344,818	363,640	383,303	402,173	421,981	6.5	151,324	174,118
Cost of materials	75,012	75,696	80,343	84,762	89,000	93,450		33,966	40,215
<i>in % of net sales</i>	25.1	22.7	22.7	22.7	22.7	22.7		23.5	24.0
Gross profit	232,865	269,122	283,297	298,541	313,173	328,531	7.1	117,358	133,903
Personnel expenses	157,932	182,137	197,598	206,883	217,228	228,089		89,094	103,374
<i>in % of net sales</i>	52.8	54.6	55.8	55.4	55.4	55.4		61.6	61.8
Other operating expenses	33,016	40,479	44,000	46,420	48,741	51,178		15,860	22,080
<i>in % of net sales</i>	11.0	12.1	12.4	12.4	12.4	12.4		11.0	13.2
EBITDA	41,917	46,506	41,699	45,238	47,205	49,264	3.3	12,404	8,449
Depreciation and amortization	15,109	17,538	17,557	18,069	18,561	19,078		7,020	8,992
<i>in % of net sales</i>	5.0	5.3	5.0	4.8	4.7	4.6		4.9	5.4
EBIT	26,808	28,968	24,143	27,168	28,643	30,186	2.4	5,384	-543
Interest income	94	79	79	79	79	79		18	41
Interest expense	615	607	607	607	607	607		369	316
Investments in associated companies	214	342	342	342	342	342		242	119
Other Financial result	-30,923	-857	0	0	0	0		6	0
EBT	-4,422	27,925	23,957	26,982	28,457	30,000		5,281	-699
<i>adj. EBT</i>	<i>26,501</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	2.5	<i>n.a.</i>	<i>n.a.</i>
Taxes on Income (Exp./Inc.-)	-1,033	7,158	5,989	6,746	7,114	7,500		1,152	-411
Net profit before minorities	-3,389	20,767	17,968	20,237	21,343	22,500		4,129	-288
<i>adj. Net profit before minorities</i>	<i>19,876</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	2.5	<i>n.a.</i>	<i>n.a.</i>
Minorities	647	797	957	1,134	1,322	1,526		388	89
Net profit after minorities	-4,036	19,970	17,011	19,103	20,021	20,974		3,741	-377
<i>adj. Net profit after minorities</i>	<i>19,229</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	1.8	<i>n.a.</i>	<i>n.a.</i>
No. of shares	13,280	13,280	13,280	13,280	13,280	13,280		13,280	13,280
Net profit / share (EPS)	-0.30	1.50	1.28	1.44	1.51	1.58		0.28	-0.03
<i>Adj. net profit / share (adj. EPS)</i>	<i>1.45</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>		<i>n.a.</i>	<i>n.a.</i>

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

P&L Margins

Margins (in %) of revenues	2020a	2021a	2022e	2023e	2024e	2025e		H1/2021a	H1/2022a
Gross profit margin	77.8	80.7	80.0	79.9	79.9	79.8		81.1	80.0
EBITDA margin	14.0	13.9	11.8	12.1	12.0	12.0		8.6	5.1
EBIT margin	9.0	8.7	6.8	7.3	7.3	7.3		3.7	-0.3
EBT margin	-1.5	8.4	6.8	7.2	7.3	7.3		3.7	-0.4
<i>adj. EBT margin</i>	<i>8.9</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>			
Net profit margin	-1.3	6.0	4.8	5.1	5.1	5.1		2.6	-0.2
<i>adj. Net profit margin</i>	<i>6.4</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>	<i>n.a.</i>			

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

Frequentis AG

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Cash Flow Statement

Fiscal Year 31.12 (IFRS) in € ths.	2020a	2021a	2022e	2023e	2024e	2025e	H1/2021	H1/2022
EBT	-4,422	27,925	23,957	26,982	28,457	30,000	5,281	-699
+ Depreciation and amortization	15,109	18,401	17,557	18,069	18,561	19,078	7,020	8,992
+ Chg. in long-term provisions	483	3,860	0	0	0	0	-1,982	-5,690
= Cash Earnings	11,170	50,186	41,513	45,052	47,019	49,078	10,319	2,603
- Chg. in net working capital	-9,206	-4,810	13,096	3,494	-8,134	2,945	3,647	3,277
+ Financial result	134	199	186	186	186	186	259	275
- Tax	-3,556	3,584	9,484	6,557	7,022	7,404	1,910	2,482
+ Others	30,686	-2,858	163	0	0	0	-2,085	-417
= Operating Cash Flow	54,752	48,753	19,282	35,187	48,316	38,916	2,936	-3,298
- Capex	7,013	24,613	13,326	9,838	10,330	10,847	9,433	4,225
= Free Cash Flow	47,739	24,140	5,957	25,348	37,986	28,069	-6,497	-7,523
+ Increase in share capital (net)	1,337	0	0	0	0	0	0	0
- Share buyback	0	384	0	0	0	0	384	0
+ Bank and other loans	-1,366	-1,400	0	0	0	0	-646	-4,527
- Amortization Leasing	7,633	8,228	8,231	8,231	8,231	8,231	3,783	4,215
- Dividends	2,419	2,593	2,656	3,320	3,821	4,004	1,990	2,654
+ Financial result	0	0	-186	-186	-186	-186	0	0
+ Other items	0	0	0	0	0	0	-206	-896
= Incr. in Cash (+)/Decr. in Cash (-)	37,658	11,535	-5,116	13,611	25,748	15,648	-13,506	-19,815

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

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Balance Sheet

Fiscal Year 31.12 (IFRS) in € ths.	2020a	2021a	2022e	2023e	2024e	2025e	H1/2022
Assets							
Total Fixed Assets	62,203	72,613	76,613	76,613	76,613	76,613	81,068
Tangible assets	46,605	47,717	49,717	49,717	49,717	49,717	49,779
Intangible assets	9,020	17,717	19,717	19,717	19,717	19,717	19,518
Goodwill	2,886	3,433	3,433	3,433	3,433	3,433	5,593
Shares in associated companies	1,509	1,656	1,656	1,656	1,656	1,656	1,930
Equity instruments	863	0	0	0	0	0	0
Other assets	228	241	241	241	241	241	867
Deferred tax	1,092	1,849	1,849	1,849	1,849	1,849	3,381
Total Current Assets	215,415	243,083	255,901	277,607	299,634	322,860	237,467
Inventories	12,628	17,077	28,125	29,672	19,671	20,654	27,622
Accounts receivable & other assets	103,517	112,172	119,058	125,606	131,886	138,481	111,722
Securities	0	2,199	2,199	2,199	2,199	2,199	206
Total liquid funds	91,265	103,798	98,682	112,293	138,042	153,689	84,688
Other current assets	8,005	7,837	7,837	7,837	7,837	7,837	13,229
Balance Sheet Total	277,618	315,696	332,514	354,220	376,247	399,473	318,535
Equity / Liabilities							
Equity	111,423	129,850	145,325	162,241	179,764	198,260	129,751
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	73,623	92,380	106,735	122,518	138,719	155,689	92,408
Own shares	0	-384	-221	-221	-221	-221	-221
Minorities	3,382	3,436	4,393	5,526	6,848	8,374	3,146
Long Term Liabilities	59,039	60,621	60,621	60,621	60,621	60,621	60,912
Provisions	17,212	19,992	19,992	19,992	19,992	19,992	18,645
t/o Pension provisions	16,387	19,217	19,217	19,217	19,217	19,217	17,572
Long-Term Loans	4,907	3,820	3,820	3,820	3,820	3,820	270
Lease Liabilities	31,811	29,785	29,785	29,785	29,785	29,785	30,313
Deferred tax	1,831	6,166	6,166	6,166	6,166	6,166	7,900
Other liabilities	3,278	858	858	858	858	858	3,784
Short Term Liabilities (< 1 year)	107,156	125,225	126,568	131,358	135,863	140,592	127,872
Acc. payable & pre-paymts.	74,772	78,810	83,648	88,249	92,661	97,294	85,199
Bank loans	1,315	1,085	1,085	1,085	1,085	1,085	106
Lease Liabilities	7,292	7,794	7,794	7,794	7,794	7,794	8,235
Provisions	13,579	17,415	17,415	17,415	17,415	17,415	11,203
Tax liabilities	1,981	4,992	1,497	1,686	1,779	1,875	4,365
other current liabilities	8,217	15,129	15,129	15,129	15,129	15,129	18,764
Balance Sheet Total	277,618	315,696	332,514	354,220	376,247	399,473	318,535

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

Balance Sheet Ratios

In % of Balance Sheet Total	2020a	2021a	2022e	2023e	2024e	2025e	H1/2022
Total Fixed Assets	22.41	23.00	23.04	21.63	20.36	19.18	25.45
Total Current Assets	77.59	77.00	76.96	78.37	79.64	80.82	74.55
Inventories	4.55	5.41	8.46	8.38	5.23	5.17	8.67
Trade receivables	37.29	35.53	35.81	35.46	35.05	34.67	35.07
Total liquid funds	32.87	32.88	29.68	31.70	36.69	38.47	26.59
Shareholder's Equity	40.14	41.13	43.70	45.80	47.78	49.63	40.73
Long Term Liabilities	21.27	19.20	18.23	17.11	16.11	15.18	19.12
Short Term Liabilities	38.60	39.67	38.06	37.08	36.11	35.19	40.14
Total Liabilities	59.86	58.87	56.30	54.20	52.22	50.37	59.27

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

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Responsible for the content of this document: BankM AG, Frankfurt am Main, Germany ("BankM"). We appreciate the qualified support of Luis Wahle during his internship.

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Analysts	Date	Valuation Result	Fair Value
Daniel Großjohann, Dr. Roger Becker (CEFA)	July 17, 2020	Buy	€22.70
Daniel Großjohann, Dr. Roger Becker (CEFA)	August 24, 2020	Buy	€25.00
Daniel Großjohann, Dr. Roger Becker (CEFA)	April 14, 2021	Buy	€25.93
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

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

August 23, 2022, 5:00 p.m. (CEST)

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

Closing prices of August 22, 2022, 5:30 p.m. (CEST)

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