

43/2023/GPW (99) October 29, 2023

This report is prepared for the Warsaw Stock Exchange SA within the framework of the Analytical Coverage Support Program 4.0.

Voxel

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Analyst: Sylwia Jaśkiewicz, CFA

Voxel

Sector: Health care & biotechnology

Market Cap: US\$ 131.9 m

Fundamental rating: Buy (→)

Bloomberg code: VOX PW

Market relative: Overweight (→)

Av. daily turnover: US\$ 0.06 m

Price: PLN 53.00

12M range: PLN 33.10-58.60

12M EFV: PLN 73.9 (↑)

Free float: 51%

Stock performance



Source: Bloomberg

Recommended action

We keep our recommendations: LT fundamental Buy and ST relative Overweight intact while our 12M EFV goes up by 11% from PLN 66.3 to PLN 73.9 per share.

We expect very good 3Q23 financial results, mainly due to materially higher volumes and higher prices of diagnostic services than a year ago with a lower loss at Vito-Med expected and slight improvement at Alteris. Medical services pricing increase (effective from July 1, by 4-5%) was beneficial for the Group. We would like to stress that 3Q22 was very good for Voxel due to medical services pricing increase without any material pay rises (which followed in 4Q22).

We updated our financial assumptions raising FY23 EBIT forecast by 14% (up 42% yoy).

3Q23 financial results preview

In 2Q23 and 3Q23 Voxel performed 87,000 and 88,000 diagnostic tests (up 20% and 16% yoy), respectively; in 3Q23 we expect the volume of diagnostic tests to reach 88,000 (up 15% yoy) and assume the high demand for MRI, CT, PET, and

Guide to adjusted profits

Results adjusted for (i) write-offs for CardioCube/ Vito-Med/ fixed assets and inventories (PLN 1/1/4 million), discount costs and valuation of loans and receivables (PLN 3 million) in 2021, (ii) costs of liquidation of fixed assets, including the closedown of laboratories testing for SARS-CoV-2 and Scanix facilities (PLN 3 million) and write-offs for inventories and fixed assets (PLN 5 million) in 2022, and (iii) write-offs for inventories (PLN 5 million) for 2023E.

Key data

IFRS consolidated		2022	2023E	2024E	2025E
Sales	PLN m	414.8	425.6	489.3	510.2
EBITDA	PLN m	106.3	136.0	150.6	157.0
Adj EBITDA	PLN m	114.0	140.7	150.6	157.0
EBIT	PLN m	68.2	96.7	107.8	112.3
Adj EBIT	PLN m	76.0	101.4	107.8	112.3
Net income	PLN m	44.4	66.2	79.5	85.8
Adj net income	PLN m	53.4	70.9	79.5	85.8
EPS	PLN	4.23	6.31	7.57	8.17
EPS yoy chg	%	-37	49	20	8
Adj EPS	PLN	5.09	6.76	7.57	8.17
Adj EPS yoy chg	%	-33	33	12	8
Net debt	PLN m	105.3	83.6	70.1	44.0
P/E	x	12.5	8.4	7.0	6.5
Adj P/E	x	10.4	7.8	7.0	6.5
P/CE	x	6.7	5.3	4.6	4.3
Adj P/CE	x	6.1	5.0	4.6	4.3
EV/EBITDA	x	6.2	4.7	4.2	3.8
Adj EV/EBITDA	x	5.8	4.6	4.2	3.8
EV/EBIT	x	9.7	6.6	5.8	5.3
Adj EV/EBIT	x	8.7	6.3	5.8	5.3
DPS	PLN	3.00	2.17	3.15	3.79
Gross dividend yield	%	5.7	4.1	6.0	7.1
Number of shares (eop)	m	10.5	10.5	10.5	10.5

Source: Company, DM BOŚ SA estimates

Recent events

1. Release of consolidated FY22 financial results: March 28
2. Release of consolidated 1Q23 financial results: May 24
3. Release of consolidated 1H23 financial results: August 23

Upcoming events

1. Release of consolidated 3Q23 financial results: November 22

SPECT scans to continue (we forecast MRI/ CT/ PET/ SPECT scans to reach 52,000/ 29,000/ 4,000/ 4,000 scans, up 20%/ 8%/ 5%/ 12% yoy). We also forecast 15,000 scans performed at Rezonans Powiśle and Scanix and 130 procedures at Exira (slightly up qoq due to seasonality).

Fig. 1. Voxel; 3Q23 financial results preview

IFRS consolidated (PLN m)								yoy				yoy		Realisation of the FY figures in:			
	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23E	chg	1-3Q22	1-3Q23E	chg	3Q22	3Q23E	1-3Q22	1-3Q23E		
Sales	99.9	76.1	98.6	140.1	96.8	100.9	111.6	13%	274.7	309.3	13%	24%	26%	66%	73%		
EBITDA	26.9	17.7	32.9	28.7	28.4	34.4	35.8	9%	77.5	98.7	27%	31%	26%	73%	73%		
EBITDA margin	26.9%	23.2%	33.4%	20.5%	29.4%	34.1%	32.1%	-	28.2%	31.9%	-	-	-	-	-		
Adj EBITDA	26.9	19.0	34.0	34.1	33.3	34.2	35.8	5%	79.9	103.4	29%	30%	25%	70%	73%		
Adj EBITDA margin	26.9%	25.0%	34.5%	24.4%	34.4%	33.9%	32.1%	-	29.1%	33.4%	-	-	-	-	-		
EBIT	17.1	8.2	23.5	19.4	18.9	24.7	25.9	10%	48.8	69.5	42%	34%	27%	72%	72%		
EBIT margin	17.1%	10.8%	23.8%	13.8%	19.5%	24.4%	23.2%	-	17.8%	22.5%	-	-	-	-	-		
Adj EBIT	17.1	9.5	24.5	24.8	23.8	24.5	25.9	6%	51.2	74.2	45%	32%	26%	67%	73%		
Adj EBIT margin	17.1%	12.5%	24.9%	17.7%	24.6%	24.3%	23.2%	-	18.6%	24.0%	-	-	-	-	-		
Pre-tax profit	14.6	5.9	20.2	16.2	15.9	22.2	23.8	18%	40.8	61.9	52%	36%	27%	72%	71%		
Pre-tax profit margin	14.7%	7.7%	20.5%	11.5%	16.4%	22.0%	21.4%	-	14.8%	20.0%	-	-	-	-	-		
Net profit	11.5	4.6	16.1	12.2	11.6	17.0	18.3	14%	32.2	47.0	46%	36%	28%	72%	71%		
Net profit margin	11.5%	6.0%	16.3%	8.7%	12.0%	16.9%	16.4%	-	11.7%	15.2%	-	-	-	-	-		
Adj net profit	11.5	6.2	17.5	17.9	16.5	16.8	18.3	5%	35.2	51.7	47%	33%	26%	66%	73%		
Adj net profit margin	11.5%	8.1%	17.8%	12.8%	17.1%	16.7%	16.4%	-	12.8%	16.7%	-	-	-	-	-		

Source: Company, DM BOŚ SA estimates

We estimate Voxel's non-consolidated 3Q23 revenues at PLN 75 million (up 22% yoy). We forecast 3Q23 revenues at RP/ Scanix/ Exira/ Vito-Med/ Alteris at PLN 3/ 7/ 3/ 10/ 30 million vs PLN 3/ 8/ 3/ 8/ 26 million in 3Q22. The Group's consolidated revenues should hit PLN 112 million (up 13% yoy) in the discussed quarter.

We forecast the Group's EBIT at PLN 26 million (up 10% yoy). We do not assume any one-off events in 3Q23 (last year in 3Q22 the Group incurred costs of a closedown of 2 laboratories in Scanix; PLN -1 million on the operating level).

According to our estimates, net financial costs should be lower yoy and reach PLN 2 million, attributed mainly to the partial repayment of bonds. We assume higher effective tax rate than a year ago (flat qoq) and forecast the Group's NI at PLN 18 million (up 14% yoy) in the discussed quarter.

Vito-Med hospital may generate further losses which we assume at PLN -1.5 million which implies a yoy fall, but a growth in the quarterly perspective.

Financial forecasts

At the end of 3Q23 the Group had 69 diagnostic and therapeutic devices, including 31/ 17/ 7 MRI/ CT/ PET-CT scanners, 4 SPECT scanners, 1 laboratory for fusion biopsy procedure, 9 X-ray and ultrasound laboratories.

This year the Group expects a higher volume of diagnostic services to be performed (even exceeding 385,000 procedures (doubling 2H22 outcome) vs 373,000 key diagnostic tests performed in 2022 (Voxel, RP, Scanix)). We expect this year's volumes at c. 420,000 tests. In July a new MRI laboratory in Sędziszów (contract with NFZ) was launched. In 1H23 7/2 contracts regarding MRI, CT, PET, and SPECT/ PET and SPECT scans were renewed for 10/ 5 years with the NFZ branch for Podkarpackie/ Małopolskie voivodship.

The profitability is supported by higher pricing of medical procedures, more efficient utilization of existing laboratories, and faster results description. We forecast the Company's EBIT and EBITDA to reach PLN 97 million and PLN 136 million, respectively, in 2023 which means a 14% and 10% respective upgrade vs our previous expectations. We increase our financial forecasts for the following years as well.

Voxel has been restructuring the hospital business in order to increase its revenues while keeping the current level of employment and existing equipment base intact. The hospital disposal or even more radical restructuring is likely, we believe. It seems that the hospital does not benefit materially from the medical procedure price rises while the salaries costs have been increasing. We expect Vito-Med's revenues and EBIT to reach PLN 38 million and PLN -7 million, respectively, in 2023 vs PLN 56 million and PLN -12 million in 2022.

Alteris's *backlog* for this year is estimated at PLN 70 million; we believe it may be raised and actually our FY23 revenues forecast rests at PLN 90 million (PLN 100 million expected earlier).

The Group carries out investments in an MRI laboratory in Będzin and works are pending on several new devices. It also plans the equipment replacement and modernizations in several facilities as well as it looks at potential takeover targets and considers rational to purchase the properties where it operates (potentially higher flexibility). From the short-term perspective modernizations in the

existing facilities are more profitable than purchases of new devices (their utilization increases gradually).

Valuation

Our 12M EFV for Voxel constituting a 50%–50% mix of the DCF FCFF method and peer-relative valuation, rises 11% to PLN 73.9 (previously PLN 66.3) per share, mainly under the impact of financial forecasts raised, while the risk free rate grew from 5.4% to 5.8%. We also update the peer comparison multiples. The DCF FCF/ peer relative valuation implies PLN 70 (previously 62.0)/ PLN 77 (previously 71) per share (we still include a 20% discount vs peers).

Risk factors

1. Lower public spending on health care (high exposure to NFZ)
2. Medical services pricing increase too low (hospital)
3. Change in the State's policy regarding private medical contractors
4. Changes in the Company's contracts with NFZ
5. Changes in legislation regarding the funding of hospitals/ treatments
6. The decline in the society's affluence (FFS and commercial clients contribute up to 20% of Voxel's revenues)
7. New innovative methods of cancer diagnostics/ treatment
8. Medical errors – reputation risk
9. Low and deteriorating availability of radiologists
10. Loss/low labor supply
11. Salary pressure (in particular of medical and IT staff)
12. Overblown investments
13. Lagging behind the technological progress in diagnostics

Catalysts

1. Aging society
2. The number of diagnostic imaging treatments below the standards in developed countries
3. Medical services pricing increase
4. Development of the market of private medical services
5. Improvement of the treatment mix (towards more advanced)
6. New medical services offered
7. Development of the segment of pharmaceutical research (clinical trials)
8. Organic growth, new centers (high barriers to entry)
9. Acquisitions – economies of scale
10. Consolidation of the sector; potential acquisition target
11. AI development and new algorithms for test descriptions
12. IT software development for cloud diagnostics

BASIC DEFINITIONS

A/R turnover (in days) = $365/(\text{sales}/\text{average A/R})$
Inventory turnover (in days) = $365/(\text{COGS}/\text{average inventory})$
A/P turnover (in days) = $365/(\text{COGS}/\text{average A/P})$
Current ratio = $(\text{current assets} - \text{ST deferred assets})/\text{current liabilities}$
Quick ratio = $(\text{current assets} - \text{ST deferred assets} - \text{inventory})/\text{current liabilities}$
Interest coverage = $(\text{pre-tax profit before extraordinary items} + \text{interest payable})/\text{interest payable}$
Gross margin = $\text{gross profit on sales}/\text{sales}$
EBITDA margin = $\text{EBITDA}/\text{sales}$
EBIT margin = EBIT/sales
Pre-tax margin = $\text{pre-tax profit}/\text{sales}$
Net margin = $\text{net profit}/\text{sales}$
ROE = $\text{net profit}/\text{average equity}$
ROA = $(\text{net income} + \text{interest payable})/\text{average assets}$
EV = $\text{market capitalization} + \text{interest bearing debt} - \text{cash and equivalents}$
EPS = $\text{net profit}/\text{no. of shares outstanding}$
CE = $\text{net profit} + \text{depreciation}$
Dividend yield (gross) = $\text{pre-tax DPS}/\text{stock market price}$
Cash sales = $\text{accrual sales corrected for the change in A/R}$
Cash operating expenses = $\text{accrual operating expenses corrected for the changes in inventories and A/P, depreciation, cash taxes and changes in the deferred taxes}$

DM BOŚ S.A. generally values the covered non bank companies via two methods: comparative method and DCF method (discounted cash flows). The advantage of the former is the fact that it incorporates the current market assessment of the value of the company's peers. The weakness of the comparative method is the risk that the valuation benchmark may be mispriced. The advantage of the DCF method is its independence from the current market valuation of the comparable companies. The weakness of this method is its high sensitivity to undertaken assumptions, especially those related to the residual value calculation. Please note that we also resort to other valuation techniques (e.g. NAV-, DDM- or SOTP-based), should it prove appropriate in a given case.

KEY TO INVESTMENT RANKINGS

This is a guide to expected price performance in absolute terms over the next 12 months:

Buy – fundamentally undervalued (upside to 12M EFV in excess of the cost of equity) + catalysts which should close the valuation gap identified;
Hold – either (i) fairly priced, or (ii) fundamentally undervalued/overvalued but lacks catalysts which could close the valuation gap;
Sell – fundamentally overvalued (12M EFV < current share price + 1-year cost of equity) + catalysts which should close the valuation gap identified.

This is a guide to expected relative price performance:

Overweight – expected to perform better than the benchmark (WIG) over the next quarter in relative terms
Neutral – expected to perform in line with the benchmark (WIG) over the next quarter in relative terms
Underweight – expected to perform worse than the benchmark (WIG) over the next quarter in relative terms

The recommendation tracker presents the performance of DM BOŚ S.A.'s recommendations. A recommendation expires on the day it is altered or on the day 12 months after its issuance, whichever comes first.

Relative performance compares the rate of return on a given recommended stock in the period of the recommendation's validity (i.e. from the date of issuance to the date of alteration or – in case of maintained recommendations – from the date of issuance to the current date) in a relation to the rate of return on the benchmark in this time period. The WIG index constitutes the benchmark. For recommendations that expire by an alteration or are maintained, the ending values used to calculate their absolute and relative performance are: the stock closing price on the day the recommendation expires/ is maintained and the closing value of the benchmark on that date. For recommendations that expire via a passage of time, the ending values used to calculate their absolute and relative performance are: the average of the stock closing prices for the day the recommendation elapses and four directly preceding sessions and the average of the benchmark's closing values for the day the recommendation expires and four directly preceding sessions.

Distribution of DM BOŚ's current recommendations

	Buy	Hold	Sell	Suspended	Under revision	Not rated
Numbers	38	32	9	9	0	4
Percentage	41%	35%	10%	10%	0%	4%

Distribution of DM BOŚ's current market relative recommended weightings

	Overweight	Neutral	Underweight	Suspended	Under revision	Not rated
Numbers	32	34	13	9	0	4
Percentage	35%	37%	14%	10%	0%	4%

Banks

Net Interest Margin (NIM) = $\text{net interest income}/\text{average assets}$
Non interest income = $\text{fees\&commissions} + \text{result on financial operations (trading gains)} + \text{FX gains}$
Interest Spread = $(\text{interest income}/\text{average interest earning assets})/(\text{interest cost}/\text{average interest bearing liabilities})$
Cost/Income = $(\text{general costs} + \text{depreciation})/(\text{profit on banking activity} + \text{other net operating income})$
ROE = $\text{net profit}/\text{average equity}$
ROA = $\text{net income}/\text{average assets}$
Non performing loans (NPL) = loans in 'basket 3' category
NPL coverage ratio = $\text{loan loss provisions}/\text{NPL}$
Net provision charge = $\text{provisions created} - \text{provisions released}$

DM BOŚ S.A. generally values the covered banks via two methods: comparative method and fundamental target fair P/E and target fair P/BV multiples method. The advantage of the former is the fact that it incorporates the current market assessment of the value of the company's peers. The weakness of the comparative method is the risk that the valuation benchmark may be mispriced. The advantage of the fundamental target fair P/E and target fair P/BV multiples method is its independence of the current market valuation of the comparable companies. The weakness of this method is its high sensitivity to undertaken assumptions, especially those related to the residual value calculation. Assumptions used in valuation can change, influencing thereby the level of the valuation. Among the most important assumptions are: GDP growth, forecasted level of inflation, changes in interest rates and currency prices, employment level and change in wages, demand on the analysed company products, raw material prices, competition, standing of the main customers and suppliers, legislation changes, etc. Changes in the environment of the analysed company are monitored by analysts involved in the preparation of the recommendation, estimated, incorporated in valuation and published in the recommendation whenever needed.

Distribution of DM BOŚ's current recommendations for the companies which DM BOŚ has supplied with material investment services within the last 12 months

	Buy	Hold	Sell	Suspended	Under revision	Not rated
Numbers	5	7	1	1	0	3
Percentage	29%	41%	6%	6%	0%	18%

Distribution of DM BOŚ's current market relative recommended weightings for the companies which DM BOŚ has supplied with material investment services within the last 12 months

	Overweight	Neutral	Underweight	Suspended	Under revision	Not rated
Numbers	7	3	3	1	0	3
Percentage	41%	18%	18%	6%	0%	18%

LT fundamental recommendation tracker

Analyst	Recommendation	Report date	Reiteration date	Distribution date	Expiry date	Performance	Relative performance	Price at issue/reiteration*	EFV (12 months)
Voxel									
Sylwia Jaśkiewicz	Buy	21.07.2019	-	22.07.2019	25.06.2020	10%	32%	28.00	35.10 →
Sylwia Jaśkiewicz	-	-	30.07.2019	31.07.2019	-	-	-	29.60	35.10 →
Sylwia Jaśkiewicz	-	-	18.08.2019	19.08.2019	-	-	-	29.50	34.10 ↓
Sylwia Jaśkiewicz	-	-	21.08.2019	22.08.2019	-	-	-	30.20	34.10 →
Sylwia Jaśkiewicz	-	-	01.09.2019	02.09.2019	-	-	-	30.90	34.10 →
Sylwia Jaśkiewicz	-	-	10.09.2019	11.09.2019	-	-	-	32.00	35.70 ↑
Sylwia Jaśkiewicz	-	-	13.10.2019	14.10.2019	-	-	-	31.50	35.70 →
Sylwia Jaśkiewicz	-	-	24.10.2019	25.10.2019	-	-	-	31.00	35.70 →
Sylwia Jaśkiewicz	-	-	17.11.2019	18.11.2019	-	-	-	32.50	35.70 →
Sylwia Jaśkiewicz	-	-	25.11.2019	26.11.2019	-	-	-	34.00	35.70 →
Sylwia Jaśkiewicz	-	-	04.12.2019	05.12.2019	-	-	-	32.40	38.40 ↑
Sylwia Jaśkiewicz	-	-	08.12.2019	09.12.2019	-	-	-	31.50	38.40 →
Sylwia Jaśkiewicz	-	-	09.01.2020	10.01.2020	-	-	-	32.70	38.40 →
Sylwia Jaśkiewicz	-	-	02.02.2020	03.02.2020	-	-	-	31.20	39.50 ↑
Sylwia Jaśkiewicz	-	-	04.02.2020	05.02.2020	-	-	-	32.20	39.50 →
Sylwia Jaśkiewicz	-	-	06.02.2020	07.02.2020	-	-	-	32.30	39.50 →
Sylwia Jaśkiewicz	-	-	03.03.2020	04.03.2020	-	-	-	31.00	39.50 →
Sylwia Jaśkiewicz	-	-	30.03.2020	31.03.2020	-	-	-	26.50	39.50 →
Sylwia Jaśkiewicz	-	-	14.04.2020	15.04.2020	-	-	-	27.00	34.00 ↓
Sylwia Jaśkiewicz	-	-	22.04.2020	23.04.2020	-	-	-	28.10	34.00 →
Sylwia Jaśkiewicz	-	-	19.05.2020	20.05.2020	-	-	-	27.30	34.00 →
Sylwia Jaśkiewicz	-	-	15.06.2020	16.06.2020	-	-	-	28.60	34.00 →
Sylwia Jaśkiewicz	Hold	25.06.2020	-	26.06.2020	29.07.2020	29%	26%	29.80	34.00 →
Sylwia Jaśkiewicz	-	-	13.07.2020	14.07.2020	-	-	-	30.60	34.00 →
Sylwia Jaśkiewicz	Buy	29.07.2020	-	30.07.2020	09.07.2021	23%	-5%	38.50	43.00 ↑
Sylwia Jaśkiewicz	-	-	23.08.2020	24.08.2020	-	-	-	44.80	50.40 ↑
Sylwia Jaśkiewicz	-	-	01.09.2020	02.09.2020	-	-	-	39.50	50.40 →
Sylwia Jaśkiewicz	-	-	08.10.2020	09.10.2020	-	-	-	43.40	50.40 →
Sylwia Jaśkiewicz	-	-	08.11.2020	09.11.2020	-	-	-	44.70	50.40 →
Sylwia Jaśkiewicz	-	-	11.11.2020	12.11.2020	-	-	-	42.40	52.30 ↑
Sylwia Jaśkiewicz	-	-	22.11.2020	23.11.2020	-	-	-	44.40	52.30 →
Sylwia Jaśkiewicz	-	-	06.12.2020	07.12.2020	-	-	-	40.80	54.70 ↑
Sylwia Jaśkiewicz	-	-	05.01.2021	05.01.2021	-	-	-	41.30	54.70 →
Sylwia Jaśkiewicz	-	-	28.01.2021	29.01.2021	-	-	-	45.10	54.70 →
Sylwia Jaśkiewicz	-	-	28.02.2021	01.03.2021	-	-	-	44.50	54.70 →
Sylwia Jaśkiewicz	-	-	03.03.2021	04.03.2021	-	-	-	45.20	54.70 →
Sylwia Jaśkiewicz	-	-	30.03.2021	31.03.2021	-	-	-	44.90	54.70 →
Sylwia Jaśkiewicz	-	-	16.04.2021	16.04.2021	-	-	-	45.70	54.70 →
Sylwia Jaśkiewicz	-	-	20.05.2021	21.05.2021	-	-	-	44.50	54.70 →
Sylwia Jaśkiewicz	-	-	24.05.2021	25.05.2021	-	-	-	46.50	54.70 →
Sylwia Jaśkiewicz	-	-	30.05.2021	31.05.2021	-	-	-	44.80	54.70 →
Sylwia Jaśkiewicz	Buy	09.07.2021	-	09.07.2021	22.05.2022	-14%	3%	47.20	54.70 →
Sylwia Jaśkiewicz	-	-	01.08.2021	02.08.2021	-	-	-	47.90	52.70 ↓
Sylwia Jaśkiewicz	-	-	08.08.2021	09.08.2021	-	-	-	50.40	63.10 ↑
Sylwia Jaśkiewicz	-	-	23.08.2021	24.08.2021	-	-	-	53.80	63.10 →
Sylwia Jaśkiewicz	-	-	31.08.2021	31.08.2021	-	-	-	52.00	63.10 →
Sylwia Jaśkiewicz	-	-	07.10.2021	07.10.2021	-	-	-	48.90	63.10 →
Sylwia Jaśkiewicz	-	-	04.11.2021	04.11.2021	-	-	-	52.80	63.10 →
Sylwia Jaśkiewicz	-	-	09.11.2021	10.11.2021	-	-	-	52.20	63.10 →
Sylwia Jaśkiewicz	-	-	25.11.2021	26.11.2021	-	-	-	49.90	63.10 →
Sylwia Jaśkiewicz	-	-	05.12.2021	06.12.2021	-	-	-	48.70	63.10 →
Sylwia Jaśkiewicz	-	-	16.01.2022	17.01.2022	-	-	-	44.20	63.10 →
Sylwia Jaśkiewicz	-	-	01.02.2022	02.02.2022	-	-	-	44.80	60.20 ↓
Sylwia Jaśkiewicz	-	-	07.02.2022	07.02.2022	-	-	-	44.70	60.20 →
Sylwia Jaśkiewicz	-	-	28.02.2022	28.02.2022	-	-	-	41.00	60.20 →
Sylwia Jaśkiewicz	-	-	11.04.2022	12.04.2022	-	-	-	42.70	60.20 →
Sylwia Jaśkiewicz	-	-	14.04.2022	14.04.2022	-	-	-	41.70	60.20 →
Sylwia Jaśkiewicz	Hold	22.05.2022	-	23.05.2022	03.11.2022	-1%	8%	38.40	49.40 ↓
Sylwia Jaśkiewicz	-	-	26.05.2022	27.05.2022	-	-	-	38.50	49.40 →
Sylwia Jaśkiewicz	-	-	28.06.2022	29.06.2022	-	-	-	37.90	46.40 ↓
Sylwia Jaśkiewicz	-	-	15.07.2022	15.07.2022	-	-	-	37.60	46.40 →
Sylwia Jaśkiewicz	-	-	27.07.2022	28.07.2022	-	-	-	34.00	46.40 →
Sylwia Jaśkiewicz	-	-	16.08.2022	16.08.2022	-	-	-	36.50	46.40 →
Sylwia Jaśkiewicz	-	-	24.08.2022	25.08.2022	-	-	-	35.80	46.40 →
Sylwia Jaśkiewicz	-	-	02.09.2022	02.09.2022	-	-	-	34.40	46.40 →
Sylwia Jaśkiewicz	-	-	07.10.2022	07.10.2022	-	-	-	34.60	46.40 →
Sylwia Jaśkiewicz	-	-	28.10.2022	28.10.2022	-	-	-	34.20	46.40 →
Sylwia Jaśkiewicz	Buy	03.11.2022	-	04.11.2022	09.03.2023	30%	9%	34.90	46.40 →
Sylwia Jaśkiewicz	-	-	24.11.2022	25.11.2022	-	-	-	36.60	46.40 →
Sylwia Jaśkiewicz	-	-	01.12.2022	02.12.2022	-	-	-	39.60	47.70 ↑
Sylwia Jaśkiewicz	-	-	04.12.2022	05.12.2022	-	-	-	40.40	47.70 →
Sylwia Jaśkiewicz	-	-	13.01.2023	13.01.2023	-	-	-	42.50	47.70 →
Sylwia Jaśkiewicz	-	-	03.02.2023	03.02.2023	-	-	-	43.20	47.70 →
Sylwia Jaśkiewicz	Hold	09.03.2023	-	10.03.2023	10.05.2023	-3%	-7%	45.20	47.70 →
Sylwia Jaśkiewicz	-	-	10.03.2023	10.03.2023	-	-	-	44.80	47.70 →
Sylwia Jaśkiewicz	-	-	28.03.2023	29.03.2023	-	-	-	41.70	47.70 →
Sylwia Jaśkiewicz	-	-	13.04.2023	13.04.2023	-	-	-	43.00	47.70 →
Sylwia Jaśkiewicz	Buy	10.05.2023	-	11.05.2023	Not later than 10.05.2024	25%	13%	44.00	59.20 ↑
Sylwia Jaśkiewicz	-	-	24.05.2023	25.05.2023	-	-	-	47.00	59.20 →
Sylwia Jaśkiewicz	-	-	29.05.2023	29.05.2023	-	-	-	47.10	59.20 →
Sylwia Jaśkiewicz	-	-	14.07.2023	14.07.2023	-	-	-	51.60	59.20 →
Sylwia Jaśkiewicz	-	-	02.08.2023	03.08.2023	-	-	-	53.60	66.30 ↑

LT fundamental recommendation tracker (continued)

Analyst	Recommendation	Report date	Reiteration date	Distribution date	Expiry date	Performance	Relative performance	Price at issue/reiteration*	EFV (12 months)
Sylwia Jaškiewicz	- →	-	23.08.2023	24.08.2023	-	-	-	56.20	66.30 →
Sylwia Jaškiewicz	- →	-	31.08.2023	31.08.2023	-	-	-	58.00	66.30 →
Sylwia Jaškiewicz	- →	-	27.09.2023	28.09.2023	-	-	-	54.63	66.30 →
Sylwia Jaškiewicz	- →	-	12.10.2023	12.10.2023	-	-	-	52.80	66.30 →
Sylwia Jaškiewicz	- →	-	29.10.2023	30.10.2023	-	-	-	53.00	73.90 ↑

* prices at issue/reiteration are the closing prices at the report or reiteration date

Market-relative recommendation tracker

Analyst	Relative Recommendation	Report date	Reiteration date	Distribution date	Expiry date	Price at issue/reiteration*	Relative performance	
Voxel								
Sylwia Jaśkiewicz	Overweight	→	21.07.2019	-	22.07.2019	25.06.2020	28.00	32%
Sylwia Jaśkiewicz	-	→	-	30.07.2019	31.07.2019	-	29.60	-
Sylwia Jaśkiewicz	-	→	-	18.08.2019	19.08.2019	-	29.50	-
Sylwia Jaśkiewicz	-	→	-	21.08.2019	22.08.2019	-	30.20	-
Sylwia Jaśkiewicz	-	→	-	01.09.2019	02.09.2019	-	30.90	-
Sylwia Jaśkiewicz	-	→	-	10.09.2019	11.09.2019	-	32.00	-
Sylwia Jaśkiewicz	-	→	-	13.10.2019	14.10.2019	-	31.50	-
Sylwia Jaśkiewicz	-	→	-	24.10.2019	25.10.2019	-	31.00	-
Sylwia Jaśkiewicz	-	→	-	17.11.2019	18.11.2019	-	32.50	-
Sylwia Jaśkiewicz	-	→	-	25.11.2019	26.11.2019	-	34.00	-
Sylwia Jaśkiewicz	-	→	-	04.12.2019	05.12.2019	-	32.40	-
Sylwia Jaśkiewicz	-	→	-	08.12.2019	09.12.2019	-	31.50	-
Sylwia Jaśkiewicz	-	→	-	09.01.2020	10.01.2020	-	32.70	-
Sylwia Jaśkiewicz	-	→	-	02.02.2020	03.02.2020	-	31.20	-
Sylwia Jaśkiewicz	-	→	-	04.02.2020	05.02.2020	-	32.20	-
Sylwia Jaśkiewicz	-	→	-	06.02.2020	07.02.2020	-	32.30	-
Sylwia Jaśkiewicz	-	→	-	03.03.2020	04.03.2020	-	31.00	-
Sylwia Jaśkiewicz	-	→	-	30.03.2020	31.03.2020	-	26.50	-
Sylwia Jaśkiewicz	-	→	-	14.04.2020	15.04.2020	-	27.00	-
Sylwia Jaśkiewicz	-	→	-	22.04.2020	23.04.2020	-	28.10	-
Sylwia Jaśkiewicz	-	→	-	19.05.2020	20.05.2020	-	27.30	-
Sylwia Jaśkiewicz	-	→	-	15.06.2020	16.06.2020	-	28.60	-
Sylwia Jaśkiewicz	Neutral	↓	25.06.2020	-	26.06.2020	29.07.2020	29.80	26%
Sylwia Jaśkiewicz	-	→	-	13.07.2020	14.07.2020	-	30.60	-
Sylwia Jaśkiewicz	Overweight	↑	29.07.2020	-	30.07.2020	09.07.2021	38.50	-5%
Sylwia Jaśkiewicz	-	→	-	23.08.2020	24.08.2020	-	44.80	-
Sylwia Jaśkiewicz	-	→	-	01.09.2020	02.09.2020	-	39.50	-
Sylwia Jaśkiewicz	-	→	-	08.10.2020	09.10.2020	-	43.40	-
Sylwia Jaśkiewicz	-	→	-	08.11.2020	09.11.2020	-	44.70	-
Sylwia Jaśkiewicz	-	→	-	11.11.2020	12.11.2020	-	42.40	-
Sylwia Jaśkiewicz	-	→	-	22.11.2020	23.11.2020	-	44.40	-
Sylwia Jaśkiewicz	-	→	-	06.12.2020	07.12.2020	-	40.80	-
Sylwia Jaśkiewicz	-	→	-	05.01.2021	05.01.2021	-	41.30	-
Sylwia Jaśkiewicz	-	→	-	28.01.2021	29.01.2021	-	45.10	-
Sylwia Jaśkiewicz	-	→	-	28.02.2021	01.03.2021	-	44.50	-
Sylwia Jaśkiewicz	-	→	-	03.03.2021	04.03.2021	-	45.20	-
Sylwia Jaśkiewicz	-	→	-	30.03.2021	31.03.2021	-	44.90	-
Sylwia Jaśkiewicz	-	→	-	16.04.2021	16.04.2021	-	45.70	-
Sylwia Jaśkiewicz	-	→	-	20.05.2021	21.05.2021	-	44.50	-
Sylwia Jaśkiewicz	-	→	-	24.05.2021	25.05.2021	-	46.50	-
Sylwia Jaśkiewicz	-	→	-	30.05.2021	31.05.2021	-	44.80	-
Sylwia Jaśkiewicz	Overweight	→	09.07.2021	-	09.07.2021	09.11.2021	47.20	5%
Sylwia Jaśkiewicz	-	→	-	01.08.2021	02.08.2021	-	47.90	-
Sylwia Jaśkiewicz	-	→	-	08.08.2021	09.08.2021	-	50.40	-
Sylwia Jaśkiewicz	-	→	-	23.08.2021	24.08.2021	-	53.80	-
Sylwia Jaśkiewicz	-	→	-	31.08.2021	31.08.2021	-	52.00	-
Sylwia Jaśkiewicz	-	→	-	07.10.2021	07.10.2021	-	48.90	-
Sylwia Jaśkiewicz	-	→	-	04.11.2021	04.11.2021	-	52.80	-
Sylwia Jaśkiewicz	Neutral	↓	09.11.2021	-	10.11.2021	05.12.2021	52.20	1%
Sylwia Jaśkiewicz	-	→	-	25.11.2021	26.11.2021	-	49.90	-
Sylwia Jaśkiewicz	Overweight	↑	05.12.2021	-	06.12.2021	22.05.2022	48.70	-4%
Sylwia Jaśkiewicz	-	→	-	16.01.2022	17.01.2022	-	44.20	-
Sylwia Jaśkiewicz	-	→	-	01.02.2022	02.02.2022	-	44.80	-
Sylwia Jaśkiewicz	-	→	-	07.02.2022	07.02.2022	-	44.70	-
Sylwia Jaśkiewicz	-	→	-	28.02.2022	28.02.2022	-	41.00	-
Sylwia Jaśkiewicz	-	→	-	11.04.2022	12.04.2022	-	42.70	-
Sylwia Jaśkiewicz	-	→	-	14.04.2022	14.04.2022	-	41.70	-
Sylwia Jaśkiewicz	Underweight	↓	22.05.2022	-	23.05.2022	03.11.2022	38.40	8%
Sylwia Jaśkiewicz	-	→	-	26.05.2022	27.05.2022	-	38.50	-
Sylwia Jaśkiewicz	-	→	-	28.06.2022	29.06.2022	-	37.90	-
Sylwia Jaśkiewicz	-	→	-	15.07.2022	15.07.2022	-	37.60	-
Sylwia Jaśkiewicz	-	→	-	27.07.2022	28.07.2022	-	34.00	-
Sylwia Jaśkiewicz	-	→	-	16.08.2022	16.08.2022	-	36.50	-
Sylwia Jaśkiewicz	-	→	-	24.08.2022	25.08.2022	-	35.80	-
Sylwia Jaśkiewicz	-	→	-	02.09.2022	02.09.2022	-	34.40	-
Sylwia Jaśkiewicz	-	→	-	07.10.2022	07.10.2022	-	34.60	-
Sylwia Jaśkiewicz	-	→	-	28.10.2022	28.10.2022	-	34.20	-
Sylwia Jaśkiewicz	Overweight	→	03.11.2022	-	04.11.2022	09.03.2023	34.90	9%
Sylwia Jaśkiewicz	-	→	-	24.11.2022	25.11.2022	-	36.60	-
Sylwia Jaśkiewicz	-	→	-	01.12.2022	02.12.2022	-	39.60	-
Sylwia Jaśkiewicz	-	→	-	04.12.2022	05.12.2022	-	40.40	-
Sylwia Jaśkiewicz	-	→	-	13.01.2023	13.01.2023	-	42.50	-
Sylwia Jaśkiewicz	-	→	-	03.02.2023	03.02.2023	-	43.20	-
Sylwia Jaśkiewicz	Neutral	↓	09.03.2023	-	10.03.2023	10.05.2023	45.20	-7%
Sylwia Jaśkiewicz	-	→	-	10.03.2023	10.03.2023	-	44.80	-
Sylwia Jaśkiewicz	-	→	-	28.03.2023	29.03.2023	-	41.70	-
Sylwia Jaśkiewicz	-	→	-	13.04.2023	13.04.2023	-	43.00	-
Sylwia Jaśkiewicz	Overweight	↑	10.05.2023	-	11.05.2023	Not later than 10.05.2024	44.00	13%
Sylwia Jaśkiewicz	-	→	-	24.05.2023	25.05.2023	-	47.00	-
Sylwia Jaśkiewicz	-	→	-	29.05.2023	29.05.2023	-	47.10	-
Sylwia Jaśkiewicz	-	→	-	29.05.2023	29.05.2023	-	47.10	-
Sylwia Jaśkiewicz	-	→	-	14.07.2023	14.07.2023	-	51.60	-
Sylwia Jaśkiewicz	-	→	-	02.08.2023	03.08.2023	-	53.60	-

Market-relative recommendation tracker (continued)

Analyst	Relative Recommendation	Report date	Reiteration date	Distribution date	Expiry date	Price at issue/ reiteration*	Relative performance
Sylwia Jaškiewicz	- →	-	23.08.2023	24.08.2023	-	56.20	-
Sylwia Jaškiewicz	- →	-	31.08.2023	31.08.2023	-	58.00	-
Sylwia Jaškiewicz	- →	-	12.10.2023	12.10.2023	-	54.63	-
Sylwia Jaškiewicz	- →	-	27.09.2023	28.09.2023	-	52.80	-
Sylwia Jaškiewicz	- →	-	29.10.2023	30.10.2023	-	53.00	-

* prices at issue/reiteration are the closing prices at the report or reiteration date

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The production of the report was completed on October 30, 2023 at 7.15 a.m.

The report was distributed on October 30, 2023 at 7.25 a.m.

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Stockbrokers

Piotr Kalbarczyk
tel.: +48 (22) 504 32 43
p.kalbarczyk@bossa.pl

Research

Sobiesław Pająk, CFA
(Equity strategy, TMT)

Sylwia Jaśkiewicz, CFA
(Construction materials,
Consumer discretionary,
Health care & biotechnology)

Tomasz Rodak, CFA
(Consumer discretionary, Video games)

Łukasz Prokopiuk, CFA
(Chemicals, Mining, Oil & gas)

Michał Sobolewski, CFA, FRM
(Financials)

Jakub Viscardi
(Telco, Consumer staples & discretionary,
IT – hardware distribution, Utilities)

Maciej Wewiórski
(Residential construction,
Construction, Real estate)

Mikołaj Stępień
Junior Analyst

Michał Zamel
Associate

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**Dom Maklerski Banku Ochrony
Środowiska Spółka Akcyjna**
ul. Marszałkowska 78/80
00-517 Warszawa
www.bossa.pl
Information: (+48) 0 801 104 104