



27/2022/GPW (82) August 24, 2022

This report is prepared for the Warsaw Stock Exchange SA within the framework of the Analytical Coverage Support Program 3.0.

Voxel

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Analyst: Sylwia Jaśkiewicz, CFA

Sector: Health care & biotechnology Fundamental rating: Hold (→) Market relative: Underweight (→) Price: PLN 35.8 **12M EFV:** PLN 46.4 (→)

Market Cap: US\$ 78.5 m Bloomberg code: VOX PW Av. daily turnover: US\$ 0.02 m 12M range: PLN 33.50-55.60

Free float: 51%

Recommended action

Voxel's 2022 financial results deteriorated gog and yoy, in line with our expectations, due to the fact that (i) testing for SARS-CoV-2 almost entirely stopped, (ii) the hospital generated losses, (iii) write-offs for closing 3 laboratories testing for SARS-CoV-2 were made, and (iv) Alteris posted weaker results. Quite a high demand is observed in the diagnostic segment (PET and SPECT scans).

2Q22 financial results summary

In 2Q22 the Group performed altogether 92,000 diagnostic tests (up 12% yoy), including 33,000 CT scans (up 6% yoy), 51,000 MRI scans (up 16% yoy), 4,000 PET scans (up 17% yoy), and 4,000 SPECT scans (up 25% yoy). 2Q22 net revenues from diagnostic services reached PLN 51 million (up 24% yoy).

2022 unconsolidated revenues amount PLN 49 million (up 20% yoy) vs our forecast at PLN 48 million (up 17% yoy). The revenues of RP/ Scanix/ Exira/ Vito-Med/ Alteris stand at PLN 2/6/ 2/6/18 million vs our expectations at PLN 2/6/3/ 6/17 million.

2022 consolidated revenues amount PLN 76 million (down 29% yoy) and are in line with our expectations; a yoy revenue decline resulted from much lower revenues of Vito-Med and Scanix caused mainly by a halt of testing for SARS-CoV-2.

The Group's 2Q22 EBIT hit PLN 8 million while the EBIT adjusted for costs of closing 3 labs was close to PLN 10 million (down 65% yoy); the deterioration stemmed from the EBIT decline in Vito-Med (down PLN 17 million) and in Alteris and was not offset by the improvement in the diagnostic service segment (the parent company's EBIT rose by PLN 3 million, up 48% yoy).

Guide to adjusted profits

Results adjusted for write-offs, costs of closing 3 laboratories testing for SARS-CoV-2.

Key data

,					
IFRS consolidated		2021	2022E	2023E	2024E
Sales	PLN m	442.7	342.1	352.2	374.2
EBITDA	PLN m	134.4	82.9	99.8	106.0
EBIT	PLN m	98.3	46.2	58.9	63.8
Net income	PLN m	70.5	28.5	42.6	48.1
EPS	PLN	6.72	2.71	4.06	4.58
EPS yoy chg	%	108	-60	50	13
Net debt	PLN m	112.7	100.9	69.2	40.3
P/E	X	5.3	13.2	8.8	7.8
P/CE	X	3.5	5.5	4.5	4.2
EV/EBITDA	X	3.6	5.8	4.5	3.9
EV/EBIT	X	5.0	10.3	7.6	6.5
DPS	PLN	2.00	3.00	1.19	1.78
Gross dividend yield	%	5.6	8.4	3.3	5.0
Number of shares (eop)	т	10.5	10.5	10.5	10.5

Source: Company, DM BOŚ SA estimates

Stock performance



Recent events

1. Release of consolidated 1H22 financial results: 2022 August 24

Upcoming events

2. Release of consolidated 3Q22 financial results: November 24

Coverage Program



Fig. 1. Voxel; 2Q22 financial results

IFRS consolidated (PLN m)	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	yoy chg	2Q22E	1H21	1H22	yoy chg
Sales	111.7	107.9	93.7	129.3	99.9	76.1	-29%	75.7	219.6	176.0	-20%
EBITDA	31.4	36.7	22.7	43.7	26.9	17.7	-52%	21.2	68.1	44.6	-34%
EBITDA margin	28.1%	34.0%	24.2%	33.8%	26.9%	23.2%	-	28.0%	31.0%	25.3%	-
Adj EBITDA	31.4	36.7	22.7	49.9	26.9	19.1	-48%	21.2	68.1	46.0	-32%
Adj EBITDA margin	28.1%	34.0%	24.2%	38.6%	26.9%	25.1%	-	28.0%	31.0%	26.1%	-
EBIT	22.3	27.7	13.7	34.6	17.1	8.2	-70%	11.3	50.0	25.3	-49%
EBIT margin	20.0%	25.7%	14.6%	26.8%	17.1%	10.8%	-	15.0%	22.8%	14.4%	-
Adj EBIT	22.3	27.7	13.7	40.8	17.1	9.6	-65%	11.3	50.0	26.7	-47%
Adj EBIT margin	20.0%	25.7%	14.6%	31.6%	17.1%	12.7%	-	15.0%	22.8%	15.2%	-
Pre-tax profit	21.1	25.4	12.2	30.8	14.6	5.9	-77%	8.9	46.5	20.5	-56%
Pre-tax profit margin	18.9%	23.6%	13.1%	23.8%	14.7%	7.7%	-	11.7%	21.2%	11.7%	-
Net profit	16.7	19.8	8.9	24.0	11.5	4.6	-77%	7.0	36.5	16.1	-56%
Net profit margin	15.0%	18.3%	9.5%	18.6%	11.5%	6.0%	-	9.2%	16.6%	9.1%	-
Adj net profit	16.7	20.7	8.9	32.3	11.5	6.0	-71%	7.0	37.4	17.5	-53%
Adj net profit margin	15.0%	19.1%	9.5%	25.0%	11.5%	7.8%	-	9.2%	17.0%	9.9%	-

Source: Company, DM BOŚ SA estimates

Net financial costs were flat yoy, in line with our expectations. The Group's 2Q22 NI/ adjusted NI hit PLN 5/6 million which was below our expectations.

The Group's operating/ investing cash flows reached PLN 2 million/ PLN -13 million vs PLN 32/-9 million a year ago. Net debt in the discussed period stands at PLN 111 million (down 4% yoy).

Expectations for the coming quarters

The Group expects the diagnostic services volume to rise in the quarters to come and we believe this business segment will constitute strong support for this year's financials. The backlog in Alteris is estimated at PLN 105 million. Vito-Med closed 3 (out of 4) labs testing for SARS-CoV-2 as from April 1 NFZ stopped funding the testing for SARS-

CoV-2 performed by laboratories and mobile sites. It is expected that in 2H22 this will not change. The Company has been restructuring the hospital business in order to increase its revenues keeping the current level of employment and existing equipment base intact. Nevertheless, the hospital will burden this year's results, we believe.

Financial forecasts

We do not modify our financial forecasts for Voxel. As regards the recurring results (one-offs excluded), in 1H22 the Company realized 51%/55%/58%/61% of our FY22 forecast of sales/EBITDA/EBIT/NI. Assuming that subsequent two quarters will be similar to 2Q22 on the operating level, we believe our FY22 EBIT forecast is likely to be fulfilled.



Risk factors

- 1. Drop of public spending on health care (high exposure to NFZ)
- 2. Underpriced medical services, in particular, CT, MRI, PET-CT treatments
- 3. Change in the State's policy regarding private medical contractors
- 4. Changes in the Company's contracts with NFZ (the majority secured to 2023/2024)
- 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. Change of PET funding in hospital treatments
- 4. Medical services pricing increase
- 5. Development of the market of private medical services
- 6. Improvement of the treatment mix (towards more advanced)
- 7. New medical services offered
- 8. Development of a profitable segment of pharmaceutical research (clinical trials)
- 9. Organic growth, new centers (high barriers to entry)
- 10. Acquisitions economies of scale
- 11. Consolidation of the sector; potential acquisition target
- 12. Al development and new algorithms for test descriptions
- 13. IT software development for cloud diagnostics

BASIC DEFINITIONS

A/R turnover (in days) = 365/(sales/average A/R))

Inventory turnover (in days) = 365/(COGS/average inventory))

A/P turnover (in days) = 365/(COGS/average A/P))

Current ratio = ((current assets - ST deferred assets)/current liabilities)

Quick ratio = ((current assets - ST deferred assets - inventory)/current liabilities)

Interest coverage = (pre-tax profit before extraordinary items + interest payable/interest payable)

Gross margin = gross profit on sales/sales

EBITDA margin = EBITDA/sales **EBIT** margin = EBIT/sales

Pre-tax margin = pre-tax profit/sales

Net margin = net profit/sales

ROE = net profit/average equity

ROA = (net income + interest payable)/average assets

EV = market capitalization + interest bearing debt - cash and equivalents

EPS = net profit/ no. of shares outstanding

CE = net profit + depreciation

Dividend yield (gross) = pre-tax DPS/stock market price

Cash sales = accrual sales corrected for the change in A/R

Cash operating expenses = accrual operating expenses corrected for the changes in inventories and A/P, depreciation, cash taxes and changes in the deferred taxes

DM BOS 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 this 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.

Banks

Net Interest Margin (NIM) = net interest income/average assets

Non interest income = fees&commissions + result on financial operations (trading gains) + FX gains Interest Spread = (interest income/average interest earning assets)/ (interest cost/average interest bearing liabilities)

Cost/Income = (general costs + depreciation)/ (profit on banking activity + other net operating income)

ROE = net profit/average equity

HOE = net pront/average equity

ROA = net income/average assets

Non performing loans (NPL) = loans in 'basket 3' category

NPL coverrage ratio = loan loss provisions/NPL

Net provision charge = provisions created - 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.

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 average of time, the ending 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 BOS's current recommendations

	Buy	Hold	Sell	Suspended	Under revision	Not rated
Numbers	44	29	4	9	0	2
Percentage	50%	33%	5%	10%	0%	2%

Distribution of DM BOS's current market relative recommended weightings

					-	
	Overweight	Neutral	Underweight	Suspended	Under revision	Not rated
Numbers	36	31	10	9	0	2
Percentage	41%	35%	11%	10%	0%	2%

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

	Buy	Hold	Sell	Suspended	Under revision	Not rated
Numbers	9	5	0	1	0	2
Percentage	53%	29%	0%	6%	0%	12%

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	10	2	2	1	0	2
Percentage	59%	12%	12%	6%	0%	12%

LT fundamental recommendation tracker

Analyst	Recommendatio	n	Report date	Reiteration date	Distribution date	Expiry date	Performance	Relative performance	Price at issue/ reiteration*	EFV (12 months)	
Voxel								P		()	
Sylwia Jaśkiewicz	Buy	-	21.07.2019	-	22.07.2019	25.06.2020	10%	32%	28.00	35.10	-
Sylwia Jaśkiewicz	- '	\rightarrow	-	30.07.2019	31.07.2019	-	-	-	29.60	35.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	18.08.2019	19.08.2019	-	-	-	29.50	34.10	\downarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	21.08.2019	22.08.2019	_	_	-	30.20	34.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	01.09.2019	02.09.2019	_	_	-	30.90	34.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	10.09.2019	11.09.2019	_	_	-	32.00	35.70	1
Sylwia Jaśkiewicz	-	\rightarrow	-	13.10.2019	14.10.2019	_	_	_	31.50	35.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	24.10.2019	25.10.2019	_	_	_	31.00	35.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	17.11.2019	18.11.2019	_	_	_	32.50	35.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	25.11.2019	26.11.2019	_	_	_	34.00	35.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	04.12.2019	05.12.2019	_	_	_	32.40	38.40	↑
Sylwia Jaśkiewicz	-	\rightarrow	-	08.12.2019	09.12.2019	_	_	_	31.50	38.40	\rightarrow
Sylwia Jaśkiewicz	_	\rightarrow	_	09.01.2020	10.01.2020	_	_	_	32.70	38.40	\rightarrow
Sylwia Jaśkiewicz	_	\rightarrow	_	02.02.2020	03.02.2020	_	_	_	31.20	39.50	Ť
Sylwia Jaśkiewicz	_	$\stackrel{'}{ ightarrow}$	_	04.02.2020	05.02.2020	_	_	_	32.20	39.50	\rightarrow
Sylwia Jaśkiewicz		\rightarrow	_	06.02.2020	07.02.2020				32.30	39.50	\rightarrow
Sylwia Jaśkiewicz		\rightarrow	-	03.03.2020	04.03.2020	-		-	31.00	39.50	\rightarrow
Sylwia Jaśkiewicz		\rightarrow	-	30.03.2020	31.03.2020	-		-	26.50	39.50	\rightarrow
Sylwia Jaśkiewicz		\rightarrow	_	14.04.2020	15.04.2020				27.00	34.00	\downarrow
Sylwia Jaśkiewicz		\rightarrow	-	22.04.2020	23.04.2020	-		-	28.10	34.00	$\stackrel{\bullet}{\rightarrow}$
Sylwia Jaśkiewicz	-		-	19.05.2020	20.05.2020	-	-	-	27.30		
Sylwia Jaśkiewicz	-	\rightarrow	-	15.06.2020		-	-	-		34.00	\rightarrow
Sylwia Jaśkiewicz	- Hald	$\stackrel{ ightarrow}{\downarrow}$	05.00.0000	15.06.2020	16.06.2020	- 00 07 0000	000/	000/	28.60	34.00	\rightarrow
Sylwia Jaśkiewicz	Hold -		25.06.2020	10.07.0000	26.06.2020	29.07.2020	29%	26%	29.80	34.00	\rightarrow
,		→	- 00 07 0000	13.07.2020	14.07.2020		-	-	30.60	34.00	\rightarrow
Sylwia Jaśkiewicz	Buy		29.07.2020		30.07.2020	09.07.2021	23%	-5%	38.50	43.00	
Sylwia Jaśkiewicz	-	\rightarrow	-	23.08.2020	24.08.2020	-	-	-	44.80	50.40	1
Sylwia Jaśkiewicz	-	\rightarrow	-	01.09.2020	02.09.2020	-	-	-	39.50	50.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	08.10.2020	09.10.2020	-	-	-	43.40	50.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	08.11.2020	09.11.2020	-	-	-	44.70	50.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	11.11.2020	12.11.2020	-	-	-	42.40	52.30	1
Sylwia Jaśkiewicz	-	\rightarrow	-	22.11.2020	23.11.2020	-	-	-	44.40	52.30	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	06.12.2020	07.12.2020	-	-	-	40.80	54.70	1
Sylwia Jaśkiewicz	-	\rightarrow	-	05.01.2021	05.01.2021	-	-	-	41.30	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	28.01.2021	29.01.2021	-	-	-	45.10	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	28.02.2021	01.03.2021	-	-	-	44.50	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	03.03.2021	04.03.2021	-	-	-	45.20	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	30.03.2021	31.03.2021	-	-	-	44.90	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	16.04.2021	16.04.2021	-	-	-	45.70	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	20.05.2021	21.05.2021	-	-	-	44.50	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	24.05.2021	25.05.2021	-	-	-	46.50	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow		30.05.2021	31.05.2021	-	-	-	44.80	54.70	\rightarrow
Sylwia Jaśkiewicz	Buy	\rightarrow	09.07.2021		09.07.2021	22.05.2022	-14%	3%	47.20	54.70	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	01.08.2021	02.08.2021	-	-	-	47.90	52.70	+
Sylwia Jaśkiewicz	-	\rightarrow	-	08.08.2021	09.08.2021	-	-	-	50.40	63.10	1
Sylwia Jaśkiewicz	-	\rightarrow	-	23.08.2021	24.08.2021	-	-	-	53.80	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	31.08.2021	31.08.2021	-	-	-	52.00	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	07.10.2021	07.10.2021	-	-	-	48.90	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	04.11.2021	04.11.2021	-	-	-	52.80	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	09.11.2021	10.11.2021	-	-	-	52.20	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	25.11.2021	26.11.2021	-	-	-	49.90	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	05.12.2021	06.12.2021	-	-	-	48.70	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	16.01.2022	17.01.2022	-	-	-	44.20	63.10	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	01.02.2022	02.02.2022	-	-	-	44.80	60.20	\downarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	07.02.2022	07.02.2022	-	-	-	44.70	60.20	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	28.02.2022	28.02.2022	-	-	-	41.00	60.20	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	11.04.2022	12.04.2022	-	-	-	42.70	60.20	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	14.04.2022	14.04.2022	-	-	-	41.70	60.20	\rightarrow
Sylwia Jaśkiewicz	Hold	\downarrow	22.05.2022	-	23.05.2022	Not later than	1%	7%	38.40	49.40	\downarrow
Culuis Inflienti-				00.05.0000	07.05.0000	22.05.2023			00.50	40.40	
Sylwia Jaśkiewicz	-	\rightarrow	-	26.05.2022	27.05.2022	-	-	-	38.50	49.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	28.06.2022	29.06.2022	-	-	-	37.90	46.40	\downarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	15.07.2022	15.07.2022	-	-	-	37.60	46.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	27.07.2022	28.07.2022	-	-	-	34.00	46.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	16.08.2022	16.08.2022	-	-	-	36.50	46.40	\rightarrow
Sylwia Jaśkiewicz	-	\rightarrow	-	24.08.2022	25.08.2022	-	-	-	35.80	46.40	\rightarrow

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

Market-relative recommendation tracker

Analyst	Relative Recommendation	1	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	-	\rightarrow	-	30.07.2019	31.07.2019	-	29.60	
Sylwia Jaśkiewicz	-	\rightarrow	-	18.08.2019	19.08.2019	-	29.50	-
Sylwia Jaśkiewicz	-	\rightarrow	-	21.08.2019	22.08.2019	-	30.20	-
Sylwia Jaśkiewicz	-	\rightarrow	-	01.09.2019	02.09.2019	-	30.90	
Sylwia Jaśkiewicz	-	\rightarrow	-	10.09.2019	11.09.2019	-	32.00	-
Sylwia Jaśkiewicz	-	\rightarrow	-	13.10.2019	14.10.2019	-	31.50	-
Sylwia Jaśkiewicz		\rightarrow		24.10.2019	25.10.2019	_	31.00	
Sylwia Jaśkiewicz		\rightarrow		17.11.2019	18.11.2019	_	32.50	
Sylwia Jaśkiewicz	-	\rightarrow	_	25.11.2019	26.11.2019	-	34.00	
Sylwia Jaśkiewicz	-	\rightarrow	_	04.12.2019	05.12.2019	-	32.40	
Sylwia Jaśkiewicz	_	\rightarrow	_	08.12.2019	09.12.2019	_	31.50	
Sylwia Jaśkiewicz		$\stackrel{'}{\rightarrow}$		09.01.2020	10.01.2020	_	32.70	_
Sylwia Jaśkiewicz		\rightarrow		02.02.2020	03.02.2020		31.20	
•	-		-			•	32.20	•
Sylwia Jaśkiewicz	-	\rightarrow	-	04.02.2020	05.02.2020	-		-
Sylwia Jaśkiewicz	-	\rightarrow	-	06.02.2020	07.02.2020	-	32.30	-
Sylwia Jaśkiewicz	•	\rightarrow	-	03.03.2020	04.03.2020	-	31.00	-
Sylwia Jaśkiewicz	-	\rightarrow	-	30.03.2020	31.03.2020	-	26.50	-
Sylwia Jaśkiewicz	-	\rightarrow	-	14.04.2020	15.04.2020	-	27.00	
Sylwia Jaśkiewicz	-	\rightarrow	-	22.04.2020	23.04.2020	-	28.10	
Sylwia Jaśkiewicz	-	\rightarrow	-	19.05.2020	20.05.2020	-	27.30	-
Sylwia Jaśkiewicz	-	\rightarrow	-	15.06.2020	16.06.2020	-	28.60	
Sylwia Jaśkiewicz	Neutral	\downarrow	25.06.2020	-	26.06.2020	29.07.2020	29.80	26%
Sylwia Jaśkiewicz	-	\rightarrow	-	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	-	\rightarrow		23.08.2020	24.08.2020		44.80	
Sylwia Jaśkiewicz	-	\rightarrow	_	01.09.2020	02.09.2020	_	39.50	
Sylwia Jaśkiewicz	_	\rightarrow	_	08.10.2020	09.10.2020	_	43.40	
Sylwia Jaśkiewicz	_	\rightarrow		08.11.2020	09.11.2020		44.70	
Sylwia Jaśkiewicz		\rightarrow		11.11.2020	12.11.2020		42.40	
Sylwia Jaśkiewicz	-		-	22.11.2020	23.11.2020	-	44.40	
•	•	\rightarrow	-			-		•
Sylwia Jaśkiewicz	-	\rightarrow	-	06.12.2020	07.12.2020	-	40.80	-
Sylwia Jaśkiewicz	-	\rightarrow	-	05.01.2021	05.01.2021	-	41.30	-
Sylwia Jaśkiewicz	•	\rightarrow	-	28.01.2021	29.01.2021	-	45.10	-
Sylwia Jaśkiewicz	-	\rightarrow	-	28.02.2021	01.03.2021	-	44.50	
Sylwia Jaśkiewicz	-	\rightarrow	-	03.03.2021	04.03.2021	-	45.20	-
Sylwia Jaśkiewicz	-	\rightarrow	-	30.03.2021	31.03.2021	-	44.90	-
Sylwia Jaśkiewicz	-	\rightarrow	-	16.04.2021	16.04.2021	-	45.70	-
Sylwia Jaśkiewicz	-	\rightarrow	-	20.05.2021	21.05.2021	-	44.50	
Sylwia Jaśkiewicz	-	\rightarrow	-	24.05.2021	25.05.2021	-	46.50	-
Sylwia Jaśkiewicz	-	\rightarrow	-	30.05.2021	31.05.2021	-	44.80	-
Sylwia Jaśkiewicz	Overweight	\rightarrow	09.07.2021	-	09.07.2021	09.11.2021	47.20	5%
Sylwia Jaśkiewicz		\rightarrow		01.08.2021	02.08.2021		47.90	
Sylwia Jaśkiewicz	-	\rightarrow	_	08.08.2021	09.08.2021	_	50.40	
Sylwia Jaśkiewicz	_	\rightarrow	_	23.08.2021	24.08.2021	_	53.80	
Sylwia Jaśkiewicz	_	\rightarrow	_	31.08.2021	31.08.2021	_	52.00	
Sylwia Jaśkiewicz		$\stackrel{'}{ ightarrow}$		07.10.2021	07.10.2021		48.90	
Sylwia Jaśkiewicz		\rightarrow		04.11.2021	04.11.2021		52.80	
•	- Neutral	$\stackrel{ ightarrow}{\downarrow}$	09.11.2021	04.11.2021		05.12.2021	52.20	1%
Sylwia Jaśkiewicz	Neuliai		09.11.2021	05.44.0004	10.11.2021	03.12.2021		170
Sylwia Jaśkiewicz	-	\rightarrow	-	25.11.2021	26.11.2021	-	49.90	-
Sylwia Jaśkiewicz	Overweight	\uparrow	05.12.2021	-	06.12.2021	22.05.2022	48.70	-4%
Sylwia Jaśkiewicz	-	\rightarrow	-	16.01.2022	17.01.2022	-	44.20	-
Sylwia Jaśkiewicz	-	\rightarrow	-	01.02.2022	02.02.2022	-	44.80	-
Sylwia Jaśkiewicz	-	\rightarrow	-	07.02.2022	07.02.2022	-	44.70	-
Sylwia Jaśkiewicz	-	\rightarrow	-	28.02.2022	28.02.2022	-	41.00	-
Sylwia Jaśkiewicz	-	\rightarrow	-	11.04.2022	12.04.2022	-	42.70	-
Sylwia Jaśkiewicz	-	\rightarrow	-	14.04.2022	14.04.2022	-	41.70	-
Sylwia Jaśkiewicz	Underweight	\downarrow	22.05.2022	-	23.05.2022	Not later than 22.05.2023	38.40	7%
Sylwia Jaśkiewicz	-	\rightarrow	-	26.05.2022	27.05.2022	-	38.50	-
Sylwia Jaśkiewicz	-	\rightarrow	-	28.06.2022	29.06.2022	_	37.90	-
Sylwia Jaśkiewicz	-	$\stackrel{'}{ ightarrow}$	-	15.07.2022	15.07.2022	-	37.60	-
Sylwia Jaśkiewicz	-	\rightarrow	-	27.07.2022	28.07.2022	_	34.00	
Sylwia Jaśkiewicz		\rightarrow	-	16.08.2022	16.08.2022	-	36.50	

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

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