Shareholders start enjoying Mutares' business model

Mutares' Q3 reporting provided few surprises, as the main events, the SMP exit and the doubling of the base dividend, were already known. The SMP exit has shown that the brisky M&A activity of recent years is starting to bear fruit and that Mutares is actually in a position to develop attractive targets for strategic investors. In view of a constantly sufficient number of portfolio companies in the Harvesting phase increases the confidence for further exits and higher dividends, which are going to fuel the share price (ytd. 80%). With a new TP of EUR 45 (prev. EUR 35) we continue to rate the shares a Buy.

Q3 – massively benefitted from SMP exit

The highlight of the Q3 reporting was the record high holding net income of EUR 88.1m, which has benefitted from the SMP exit, Mutares' largest exit in its history. However, the strong operational performance was held back by higher operating expenses as well as impairments on receivables related to its portfolio companies. On the back of the acquired larger companies, holding revenues in Q3 of EUR 23.4m (PASe: EUR 21.1m) have become guite stable and predictable (on LTM basis EUR 101m). We believe that the income from consulting fees has achieved a very decent level in order to be profitable on a sustainable base, even without major exit gains and upstream dividends. In terms of upstream dividends from the portfolio companies, Q3 was weak as expected with the major dividend flow to come in Q4e. During the conference call, the management has announced its expectations of EUR 15m of dividends, which now is somewhat muted compared to prior announcements. On portfolio level, we are in particular encouraged by the high organic growth in the Automotive & Mobility segment in Q3 of close to 20% yoy as well as the further improved adj. EBITDA margin of the companies in the Harvesting phase (Q3: 6.3%, Q3 2022: 5%).

Guidance FY 2023

For the FY 2023e, Mutares guides a holding net income of EUR 92m to EUR 112m. After having reached EUR 101m in 9M, the lower end looks pretty conservative and presumably already takes into account contingencies with regard to the overall clouded economic picture. The upper end and our optimistic estimate of EUR 130m are dependent on a further meaningful exit in Q4e. We do some minor adjustments both on holding and group level to incorporate the recently closed acquisitions.

EURm	2021	2022	2023e	2024e	2025e
Revenues	2,504	3,752	5,243	6,410	6,571
EBITDA	567	182	501	147	129
Adj. EBITDA	(41)	(33)	16	(23)	129
DPS	1.50	2.00	2.00	2.00	2.00
Holding KPIs					
Revenues	50	71	104	111	115
Portfolio income	65	142	119	136	140
EPS	2.46	3.54	6.31	2.10	2.09
EV/EBITDA	0.9	3.4	1.2	4.8	6.4
P/E*	9.2	5.1	5.0	15.1	15.2
ROE (%)	98.5	-	24.5	-	-
Div yield (%)	6.6	11.1	6.3	6.3	6.3
Net debt*	50	101	38	46	54

* based on Holding figures

Source: Pareto Securities

Target price (EUR) Share price (EUR)	46 32		BUY
	52	-	HOLD
		▼	SELL

Forecast changes

0/	2022-	2024-	2025-
%	2023e	2024e	2025e
Revenues	(5)	-	2
Portf. income	(4)	-	2
Adj. EBITDA	-	-	(2)
EPS reported	(4)	-	1
EPS adj.	(4)	-	1

Source: Pareto Securities

Ticker	MUXG.DE, MUX GY
Sector	Diversified Small Caps
Shares fully diluted (m)	20.6
Market cap (EURm)	670
Net debt (EURm)	-78
Minority interests (EURm)	1
Enterprise value 23e (EURm)	593
Free float (%)	65

Performance



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Review Q3/9M 2023

						Actual	_	PA			Actual	
EURm	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q3 2022	% yoy	Q3 2023e	Delta	9M 2023	9M 2022	% yoy
Holding level												
Holding revenues	16.8	25.6	27.1	25.0	23.4	16.8	39.3%	21.1	11%	75.5	45.5	65.9%
Portfolio income	16.8	92.2	27.1	25.0	24.4	16.8	45.2%	21.1	16%	76.5	49.4	54.9%
Net income	2.0	56.7	8.2	5.0	88.1	2.0	4305.0%	80.3	10%	101.3	16.2	525.3%
Revenues, consolidated	923.0	1,074.1	1,108.0	1,166	1,129	923	22.3%	1,078	4.7%	3,403	2,678	27.1%
Group EBITDA	83.3	32.3	112.3	293	123.4	83.3	48.1%	102.4	20.5%	528.7	149.2	254.4%
EBITDA margin	9.0%	3.0%	10.1%	25.1%	10.9%	9.0%	191 BP	9.5%	144 BP	15.5%	5.6%	536 BF
Group adjusted EBITDA	-4.8	5	5.1	36.1	(21.8)	(4.8)	nm	(5.9)	269.5%	19.4	(37.7)	nm
Adjusted EBITDA margin	neg.	0.5%	0.5%	3.1%	neg.	neg.	-	neg.	nm	0.6%	neg.	-

Source: FactSet, Pareto Securities



Adjusted EBITDA margin at portfolio companies in the Harvesting phase



Holding revenues

Mutares announced the contract extension of its CFO Mark Friedrich for another four years until December 2027. Mark Friedrich, who has been with Mutares since 2012 and has been appointed CFO in 2015, played a key role in the development of the company that has not only become significantly larger, but also more complex with its 29 portfolio companies. Therefore, we welcome this decision also with regard to the stability and continuity in the management team.

At the same time Mutares announced that its CIO Johannes Laumann, board member since 2019, has asked the Supervisory Board for a personal sabbatical. Johannes Laumann was an indisputably important driver behind the acquisitions in recent years. However, given the fact, that Mutares has geographically expanded its business model and local offices will gain more importance, future acquisitions should be spread over personnel in various geographies. According to Mutares' annual report 2022, Johannes Laumann has been appointed to the Management Board until end of March 2024.

Valuation

With its announcement to increase its base dividend from EUR 1.00 per share to EUR 2.00 per share (implied dividend yield of <6%), Mutares is likely to be increasingly perceived as a dividend stock by investors in the future. Mutares believes to be able to pay out this minimum amount of dividend due to the achieved size of portfolio companies, of which at least a handful are in the Harvesting phase and thus directly in the exit process. As a consequence, we decided to include the Dividend Discount Model in our valuation approach. Based on our DDM, which considers a cost of equity of 9.3% and a terminal growth rate of 2%, we derive a fair value of EUR 37.44 per share.

Dividend Discount Model

EUR	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	TV
Dividend per share	2.00	2.10	2.21	2.32	2.43	2.55	2.68	2.81	2.95	3.10	43.7
Present value of divdends	2.00	1.97	1.90	1.82	1.75	1.68	1.62	1.55	1.49	1.44	20.21
PV phase I	9.44										
PV phase II	7.79										
PV phase III	20.21					Risk free i	rate	3.5%	Beta		1.2
						Premium	equity	5.0%	Cost of ec	quity	9.3%
Sum of PVs	37.44										
Source: Pareto Securities											

Our peer group valuation with European private equity and investment holding companies results in a fair value of EUR 54.30 per share. Within the peer group model, the PE multiple can have the main impact on Mutares' valuation, in case Mutares achieves in the respective year a major exit, such as this year. Bear in mind, that exit gains are considered below the EBITDA line, namely in the financial result, and therefore only clearly visible in the EPS.

Peer group model

Company	Currency	MarketCap	PE 2023e	PE 2024e	EV/EBITDA 2023e	EV/EBITDA 2024e	EV/Sales 2023e	EV/Sales 2024e
EQT AB	EUR	284,138	23.4	16.8	20.2	13.9	11.3	8.8
Bridgepoint Group Plc	SEK	1,630	14.9	12.0	11.5	7.8	5.0	3.8
Partners Group Holding AG	CHF	28,800	26.0	22.4	20.9	17.7	13.1	11.2
Median			23.4	16.8	20.2	13.9	11.3	8.8
Mutares Holding			5.0	15.1	31.0	19.0	6.7	6.3
relative			21.4%	89.8%	153.3%	137.4%	59.4%	71.4%
Forecasts Adjusted EPS / EBITDA			6.31	2.10	22.34	36.76	104	111
Forecasts Net debt (incl. pensions)					38	46	38	46
No. Shares at year end			20.6	20.6	20.6	20.6	20.6	20.6
Fair value per share at peer median			147.8	35.3	20.0	22.5	54.6	45.3
Fair value / share (average)			54.3					

From the average of both valuation methods, we derive a new rounded TP of EUR 45.50 (prev. EUR 35), which implies a significant upside potential of 42%. Our new TP of EUR 45.50 implies a FY 2023e P/E of 7.2x (based on holding EPS), which is still not demanding in our view. Since the beginning of the year, the shares have rallied by 80% and have clearly outperformed (by c.72%) the market. From our point of view, three major events have triggered the share price development: 1) the financing of the bonds in mid-March 2) the announced of the SMP exit in early May and 3) the doubling of the base dividend to EUR 2 per share.

On November 30, the shares will be included in the MSCI Germany Small Cap Index. Without a doubt this is good news, as it will help to increase the perception of the shares among institutional investors as well as the liquidity in trading activities.

Shares clearly outperformed the market

This report is generated for Eva-Maria Höfer



Mutares SE & Co. KGaA SPONSORED RESEARCH UPDATE | 20 NOV 2023

PROFIT & LOSS (fiscal year) (EURm)	2018	2019	2020	2021	2022	2023e	2024e	2025e
Revenues	865	1,016	1,584	2,504	3,752	5,243	6,410	6,571
EBITDA	49	79	143	567	182	501	147	129
Depreciation & amortisation	(30)	(53)	(102)	(119)	(185)	(239)	(249)	(255)
EBIT	19	26	41	447	(3)	262	(102)	(126)
Net interest	(5)	(10)	(24)	(19)	(53)	(69)	(71)	(71)
Other financial items	-	-	-	-	-	-	-	-
Profit before taxes	15	17	17	429	(56)	193	(173)	(197)
Taxes	(3)	-	3	14	36	-	-	-
Minority interest	3	4	(7)	(7)	(14)	-	-	-
Net profit	15	21	27	449	(7)	193	(173)	(197)
EPS adjusted	-	1.45	2.16	2.46	3.54	6.31	2.10	2.09
DPS	1.00	1.00	1.50	1.50	2.00	2.00	2.00	2.00
BALANCE SHEET (EURm)	2018	2019	2020	2021	2022	2023e	2024e	2025e
Tangible non current assets	133	176	243	557	764	674	597	517
Other non-current assets	67	288	456	1,002	1,004	1,151	1,133	1,115
Other current assets	323	304	484	747	1,015	1,435	1,732	1,770
Cash & equivalents	108	80	145	255	246	634	531	395
Total assets	631	849	1,327	2,560	3,030	3,894	3,992	3,796
Total equity	208	208	207	736	714	866	651	413
Interest-bearing non-current debt	93	78	116	146	181	557	557	557
Interest-bearing current debt	-	-	110	141	306	-	-	-
Other Debt	330	562	895	1,537	1,829	2,472	2,784	2,826
Total liabilites & equity	631	849	1,327	2,560	3,030	3,894	3,992	3,796
CASH FLOW (EURm)	2018	2019	2020	2021	2022	2023e	2024e	2025e
Cash earnings	26	6	(134)	(230)	(60)	250	(51)	21
Change in working capital	(39)	(17)	91	127	39	149	117	16
Cash flow from investments	(3)	44	51	172	105	10	(128)	(131)
Cash flow from financing	23	(63)	58	48	(56)	(21)	(41)	(41)
Net cash flow	9	(28)	66	110	(9)	388	(104)	(136)
VALUATION (EURm)	2018	2019	2020	2021	2022	2023e	2024e	2025e
Share price (EUR end)	8.5	12.0	14.8	22.8	18.0	32.5	32.5	32.5
Number of shares end period	15	15	15	21	21	21	21	21
Net interest bearing debt	(16)	(2)	80	32	240	(78)	26	162
Enterprise value	143	205	319	517	613	593	697	833
EV/Sales	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
EV/EBITDA	2.9	2.6	2.2	0.9	3.4	1.2	4.8	6.4
EV/EBIT	7.3	7.8	7.8	1.2	-	2.3	-	-
P/E adjusted	-	8.2	6.8	9.2	5.1	5.1	15.4	15.5
P/B	0.7	1.0	1.2	0.7	0.5	0.8	1.0	1.6
		0040	2020	2021	2022	2023e	2024e	2025e
FINANCIAL ANALYSIS	2018	2019	2020					
FINANCIAL ANALYSIS ROE adjusted (%)	2018 7.9	- 2019	-	5.0	-	-	-	-
					- 11.1	- 6.2		- 6.2
ROE adjusted (%)	7.9	-	-	5.0			-	-
ROE adjusted (%) Dividend yield (%)	7.9 11.7	- 8.3	- 10.1	5.0 6.6	11.1	6.2	- 6.2	- 6.2
ROE adjusted (%) Dividend yield (%) EBITDA margin (%)	7.9 11.7 5.7	- 8.3 7.8	- 10.1 9.0	5.0 6.6 22.6	11.1	6.2 9.6	- 6.2	- 6.2

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Disclosure requirements in accordance with Commission Delegated Regulation (EU) 2016/958 and the FINRA Rule 2241

The below list shows companies where Pareto Securities AS - together with affiliated companies and/or persons – owns a net long position of the shares exceeding 0,5% of the total issued share capital in any company where a recommendation has been produced or distributed by Pareto Securities AS.

Companies	No. of shares	Holdings in %
Austevoll Seaf ood	1.052.265	0.52 %
Bonheur	243,588	0.57%
Par eto Bank	16,124,046	23.08 %
Pexip Holding	814,576	0.78%
SpareBank 1 Nord-Norge	5,006,421	4.99%
SpareBank 1 SM N	2,944,385	2.27 %
SpareBank 1 SR-Bank	2,544,527	0.99%
SpareBank 1 Østfold Akershus	1,227,128	9.91 %
SpareBank 1 Østlandet	6,990,591	6.58 %
Spar ebanken Mør e	376,833	0.76%
Sparebanken Vest	8,869,865	8.08%
SpareBank 1 Sørøst-Norge	2,830,852	4.49%

Pareto Securities AS may hold financial instruments in companies where a recommendation has been produced or distributed by Pareto Securities AS in connection with rendering investment services, including Market Making.

Please find below an overview of material interests in shares held by employees in Pareto Securities AS, in companies where a recommendation has been produced or distributed by Pareto Securities AS. "By material interest" means holdings exceeding a value of NOK 50 000.

Company	Analyst holdings*	Total holdings
2020 Bulkers		10,534
2G Energy		340
ABB Ltd.		580
Adevinta		4,000
Aker ASA	500	2,377
Aker BP		10,084
Aker Carbon Capture		8,976
Aker Horizons		502,071
Aker Solutions		1,131
AMSC ASA		3,600
Aprila Bank		22,675
Austevoll Seaf ood		3,548
B3 Consulting Group		2,000
Bakkafrost		600
BB Biotech		460
BioInvent		15,000
Bonheur		30,718
Bouvet		5,500
BW Energy		73,427
BWLPG		1,950
BW Of f shore		3,000
Cloudberry Clean Energy		8,690
Cool Company		5,610
Crayon		21,151
Deep Value Driller		7,800
Der maphar m Holding SE		750
DNB		16,577
DNO		74,331
Elkem		62,170
Elmera Group A SA		32,755

Embracer Group Encavia AG Enceli Equinor Europris Evolution Fiex LNG Frontline Gaming Innovation Group Genet Energy Getinge Gert Technologies Gjensidige Forsikring Grieg Saaf ood Hafn ia Ltd. Högeh Autoliners International Petroleum Corp Kahoot Kahoot Kanbot Kanbot Kongber g Gruppen Kontron AG Lee bank Kongt Gruppic Kint on Kongt Gruppic Kontron AG Lee bank Mowi Morrow Bank	519	32.52 63 63 52 4.47 17,77 5 5 5 9 11,82 7 27 3.54 13,20 10,62 2 7,78 1,82 10,92 7,78 1,83 22,31 22,31 22,31 21,75 43 22,31 21,75 5,75 16,35 12,1,25 12,25 14,25 12,25 14,25 15,25 14
Encavis AG Enti Enti Equinor Europris Evolution Flex LNG Fontline Gamia ginovation Group Gamia Enargy Gatinge Gafinge Gf Technologies Ginsatige Forsikring Grisg Seatood Harin at Ld. Holgsh Autoliners International Petroleum Corp Kahoot Kambi Group Je Katoot Katron AG Leabank Komglett ASA Kongsberg Gruppen Kontron AG Leabank Ler ey Seatood Group Lundin Mining Corp. Moriow Bank	519	63 52 4,47 1,7,71 5 5 11,82 2 7 7 7 7 8 13,20 10,62 7,78 1,320 10,62 2 2,31 1,68 2,33 2,47 4 3 3,54 1,68 2,33 1,63 3,16,33 1,2,33 1,6,33 1,2,33 1,3,2,33 1,2,33 1,2,33 1,2,33 1,2,33 1,2,33 1,2,33 1,3,2,33 1,3,33 1,3,33 1,3,33 1,3,33 1,3,3,33 1,3,33 1,3,33 1,3,33 1,3,3,
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Equinor Equinor Evolution First LNG Frontline Gaming Innovation Group Gaming Innovation Group Gaming Gamel Energy Getinge Getinge Getinge Getinge Getinge Getinge Getinge Getinge Getinge Getinge Getinge Getinge Getinge Getinge Getinge Getinge Getinge Getinge Geting Get	519	4,47 17,77 5 5 11,82 2 6 7 7 7 8 13,20 106,22 10,62 2 7,78 13,20 106,22 7,78 13,20 106,22 7,78 13,20 106,22 7,78 13,20 10,62 2,31 2,31 2,17,35 16,35 16,35 16,35 16,35 16,35 17,38 17,39 17,38 17,39 17,38 17,39 17,38 17,39 17,38 17,39 17,38 17,39 17,38 17,39 17,38 17,39 17,38 17,39 17,29 17,39 1
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Frontine Couper	519	11, 2 10,00 5,70 26 27 3,54 13,20 10,52 10,52 2,31 2,31 2,17 43 22,31 21,75 43 35 16,35 16,35 16,35 16,35 12,20 10,22 1
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Genel Energy Getinge Getinge Glensidige For sikr ing Grieg Seat ood Haf nia Ltd. Hoegh Autoliners Inter national Petroleum Corp Kahoot	519	5,70 28 27 3,54 13,20 10,6,22 7,77 1,68 22,31 21,75 43 21,75 49 35 35 16,35 127,35 16,35 127,35 7,65 21,20 10,25
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GFT Technologies Gjensidige Forsikring Grieg Seatood Hafinia Lid. Höegh Autoliners International Petroleum Corp Kahobi Kambi Group plc Kitron Komglett ASA Kongsberg Gruppen Kontron AG Leabank Leabank Lear sy Seatood Group Lundin Mining Corp. Morrow Bank	519	3,54 13,20 10,6,22 10,92 2,31 22,31 21,75 43 55 16,35 127,
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Grieg Seaf ood Harin Eitd. Heigh Autoliners Inter national Petroleum Corp Kambi Group plc Kitron Komgeber JASA Komgeber Gruppen Kontron AG Lea bank Lea bank Lea bank Lea bank Morton Bank Morvi	219	13,20 106,22 7,78 43 22,31 21,75 49 55 16,35 127,38 127,39
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Höegh Autoliners International Petroleum Corp Kambol (roup plo Kitron Komplett ASA Kongsberg Gruppen Kontron AG Lea bank Lea bank Lea bank Lea v Saaf doo Group Lundin Mining Corp. Morrow Bank		10,92 7,78 43 22,31 43 16,35 16,35 127,35 7,65 127,35 7,65 127,35
International Petroleum Corp Kahoot Kahoot Kitron Kompista SA Kompista SA Kompista SA Kompista SA Komton AG Lea bank Lea bank Lea bank Lear ay Seaf oo Group Lundin Mining Corp. Morrow Bank Mowi		7,78 43 22,31 24,75 49 53 16,33 127,35 7,65 127,25 12,20 10,25
Kahodi Kambi Group Jic Kiron Kompieta KASA Kongsberg Gruppen Kontron AG Lee bank Lee bank Lee vy Seaf dood Group Lundin Mining Corp. Morrow Bank Mowi		1,68 43 22,31 43 16,35 16,35 127,33 7,65 127,33 7,65 127,33 7,65
Kambi Group pic Kitron Komgebet ASA Kongsbet Gruppen Kontron AG Lea bank Lea bank Lear y Seaf dood Group Lundin Mining Corp. Morrow Bank Mowi		43 22,31 21,75 44 35 16,35 127,35 7,65 127,35 127,20 10,25
Kitron Kongberg Gruppen Kontron AG eab bank Lerey Saat lood Group Lundin Mining Corp. Morrow Bank Morvi		22,31 21,75 49 35 16,35 12,7,35 121,20 10,25
Komplett ASA Kongsberg Gruppen Kontron AG Leabank Leadank Lundin Mining Corp. Morrow Bank Vowi		21,75 49 355 16,35 127,35 7,65 121,20 10,25
Kongsberg Gruppen Kontron AG Lea bank Lea bank Lear oy Seal of Group Lundin Mining Corp. Morrow Bank Mowi		49 35 16,35 127,35 7,65 121,20 12,120 10,25
Kontron AG Leabank Lear y Seal ood Group Lundin Mining Corp. Morrow Bank Vowi		35 16,35 127,35 7,65 121,20 10,25
Lea bank Lerr oy Seaf ood Group Lundin Mining Corp. Worrow Bank Mowi		16,35 127,35 7,65 121,20 121,20 10,25
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∟undin Mining Corp. √lorrow Bank vlowi		7,65 121,20 10,25
/lorrow Bank /lowi		121,20 10,25
/lorrow Bank /lowi		121,20 10,25
APC Container Shine		-
		7,19
Aultitude		2,44
/lutares SE & Co. K GaA		43
Nor Am Drilling		6,88
lordic Semiconductor		9.87
lor sk Hydr o		77,35
lorske Skog		85.60
Northern Ocean		8,40
vormern ocean Vorwegian Air Shuttle		63.50
Ddfjell Drilling		2,18
		2,18
Okeanis Eco Tankers		
Drkla		7,63
Dtovo A SA		35,40
Panor o Ener gy		34,53
Par eto Bank		767,56
PetroTal		20,00
Pexip Holding		814,57
Protector Forsikring		9,43
PSI Sof twar e		30
QleanAir		3,49
Quantaf uel		16,81
REC Silicon		5,73
SalMar		22
Sandnes Sparebank		2,50
Scorpio Tankers		2,22
Seadrill Ltd		10,41
Solstad Offshore		124.00
SpareBank 1 Nord-Norge	725	74
pareBank 1 SMN		6.02
pareBank ISR-Bank		11,69
parebank i Serest-Norge		3.00
pareBank 10standet	1,100	1,10
pareban kilustian det bareban ken Møre	1,100	1,10
parebanken Møre parebanken Sør		1,08
		15,00
parebanken Vest		
it andar d Supply		20,00
tolt-Nielsen		2,10
itor a Enso		1,39
it or ebr and	100	2,60
itor ytel		17,11
ubsea 7		21,47
elenor		4,18
elia Company		5,00
GS		11,59
hule Group		80
ransocean		10.00
alaris		3,42
/estas Wind Systems		3,44
/iscom		1,22
/år Energi		284,62
fara Zaptec		18,77

This overview is updated monthly (last updated 14.11.2023).

 $^* Analyst holdings refers to position sheld by the {\tt Pareto} Securities {\tt AS} analyst covering the company.$

Appendix B

Disclosure requirements in accordance with Article 6(1)(c)(iii) of Commission Delegated Regulation (EU) 2016/958

Overview over issuers of financial instruments where Pareto Securities AS have prepared or distributed investment recommendation, where Pareto Securities AS have been lead manager/co-lead manager or have rendered publicly known not immaterial investment banking services over the previous 12 months:

Salmon Evolution Scala Eiendom Seacrest Petroleo Shamaran Petroleum

Skandia GreenPower Standard Supply

Tasik Toba Subsea A S

Viking Venture 28 AS Waldorf Production Ltd. Wattif EV

Vantage Drilling International

Treasure ASA

wheel.me Ziton A/S

Acr oud AB Alva Industrier AS AMSCASA APKAG Archer Argeo AS Austevol | Seaf ood Ayfie Group AS Beerenberg Services AS Benchmark Holdings Bonheur ASA Borr Drilling Borr Drilling BW Epic Kosan BW Group Limited Cabonline Group Holding Cadeler CCSFinansiering AS CEMAsys AS CERAFILTEC Clemens Kraft AS COOL Company DEAG Deutsche Enter tainment AG Delignit Desert Control AS DOF Dolphin Drilling Edda Wind EdR Certified Origin Physical Gold Plc Eidesvik Offshore Eidesvik Offshore EIK Servering AS Endur ASA Energy Drilling Pte. Ltd. Fertiberia Corporate S.L.U. First Camp Group Fishbase Group AS Floatel Fredrikstad Energi AS Fredrikstad Energi AS Frøy ASA Gjensidige Forsikring ASA Golar LNG Golden Energy Offshore Services AS Grøntvedt AS Haf nia Ltd. Her tha BSC GmbH & Co. KGaA Hydrogen Pro HÖRM ANN Industries GmbH HORM ANN Industries GmbH Idavang A/S Instabank ASA International Petroleum Corp. (*IPC*) Katjes International GmbH&CO Kezzler AS Klaveness Combination Carriers ASA KMC Properties Kraft Bank Kron AS Krow Bidco AS Kruse Smith LoneStar Group Maha Energy Mime Petroleum Mintr a Group Morrow Bank Mutares SE & Co. K GaA Mutares SE &Co. KGaA NEXT Biometrics Group ASA Nor dic Uhmanned Nor diandia Health &Care Group Norse Atlantic Nor then n Ocean OKEA Pareto Bank PGS PGS PHM Group Holding Point Resources Holding AS Prosaf e Pul Pac AB Quality Living Residential AS ReFuels RelyOn Nutec A/S

Thisoverview is updated monthly (this overview is for the period 01.11.2022 - 31.10.2023).

Appendix C

Disclosure requirements pursuant to the Norwegian Securities Trading Regulation § 3-11 (4)

Distribution of recommendations	
Recommendation	% distribution
Buv	72%
Hold	26%
Sell	2%
Distribution of recommendations (transactions*)	
Recommendation	% distribution
Buy	96%
Hold	4%
Sell	0%

 $Companies under \ coverage \ with \ which \ Pareto \ Securities \ Group \ has on-going \ or \ completed \ public$ services in the previous 12 months

Thisoverview is updated monthly (last updated 14.11.2023)

Appendix D

This section applies to research reports prepared by Pareto Securities AB.

Disclosure of positions in financial instruments

The beneficial holding of the Pareto Group is 1 % or more of the total share capital of the following companies included in Pareto Securities AB's research coverage universe: None

The Pareto Group has material holdings of other financial instruments than shares issued by the following companies included in Pareto Securities AB's research coverage universe: None

Disclosure of assignments and mandates

Overview over issuers of financial instruments where Pareto Securities AB has prepared or distributed investment recommendation, where Pareto Securities AB has been lead manager or co-lead manager or has rendered publicly known not immaterial investment banking services over the previous twelve months:

DDvise Group AB
dtraction Group AB
rtificial Solutions International AB
oule Diagnostics AB
ibus Nordic Real Estate AB

Xbrane Biopharma AB Xspray Pharma AB Vicore Pharma Holding AB VNV Global AB

Members of the Pareto Group provide market making or other liquidity providing services to the following companies included in Pareto Securities AB's research coverage universe: Sedana Medical AB VEF

Media & Games Invest plc.
Mentice AB
Modelon AB

Hanza AB

Hexicon AB

Renewcell AB

Media & Games Invest plc

Members of the Pareto Group have entered into agreements concerning the inclusion of the company in guestion in Pareto Securities AB's research coverage universe with the following companies: None

Member of the Pareto Group is providing Business Management services to the following companies:

Aarhus Rssidentials Backaheden Fastighets AB Bonäsudden Holding AB (publ) Bor glanda Fastighets AB Fleming Properties AB

Adtraction AB

Implantica AG Lundin Gold

Hallsell Property Invest AB Korsängen Fastighets AB (publ) Krona Public Real Estate AB Logistri Fastighets AB Mälaråsen AB One Publicus Fastighets AB Origa Care AB (publ) Preservium Property AB

Members of the Pareto Group have entered into agreements concerning the inclusion of the company in question in Pareto Securities AB's research coverage universe with the following companies: None

Thisoverviewisupdated monthly (last updated 15.11.2023).

Appendix E

Disclosure requirements in accordance with Article 6(1)(c)(i) of Commission Delegated Regulation (EU) 2016/958

Designated Sponsor

Pareto Securities acts as a designated sponsor for the following companies, including the provision of bid and ask offers. Therefore, we regularly possess shares of the company in our proprietary trading books. Pareto Securities receives a commission from the company for the provision of the designated sponsor services.

2G Energy AG	IVU Traffic AG
ad pepper media International N.V.	Kontr on AG
Biotest AG	Logwin AG
Biotest AG Pf d.	manz AG
Cor estate Capital Holding S.A.	MAX Automation SE
Dal dr up & Söhne A G	Merkur Privatbank AG
DEMIRE AG	Meta Wolf AG
DF Deutsche For fait AG	MLP SE
epigenomics AG	MPC Container Ships ASA
For is AG	Muehlhahn AG
Gesco AG	Mutares SE & Co. K GaA
GFT Technologies SE	OVB Holding AG
Gigaset AG	ProCredit Holding AG
Heidelberg Pharma AG	Progress-Werk Oberkirch AG
INTERSHOP Communications AG	

Pryme B.V. PSIAG Pvr um Innovations AG Salmones Camanchaca S.A. Seven Principles AG SHOP APOTHEKE EUROPE N.V. SHOP APOTHEKE EUROPE N.V. SMT Scharf AG Surteco AG Syzygy AG TTL Beteiligungs- und Grundbesitz AG Uzin Utz SE VERIANOSSE VERIANOSSE Viscom AG WPU - Waste Plastic Upcycling AS

Appendix F

Disclosure requirements in accordance with Article 6(1)(c)(iv) of Commission Delegated Regulation (EU) 2016/958

Sponsored Research

Pareto Securities has entered into an agreement with these companies about the preparation of research reports and - in return - receives compensation.

2G Energy AG	Expres2ion B
BayWaAG	Gesco AG
BB Biotech AG	GFT Technol
Biotest AG	Gigaset AG
Biotest AG Pf d.	Heidelberg F
Cliq Digital AG	Hypoport SE
Dal dr up & Söhne A G	INTERSHOP
Delignit	Kontr on AG
Der maphar m Hol ding SE	Logwin A G
Enapter AG	MAX Automa
epigenomics AG	Merkur Priv
exceet Group	MLP SE

Biotech Holding AB logies SE Phar ma AG Communications AG ation SE itbank AG

Mutares SE & Co. KGaA Mynaric AG OHB SE ProCredit Holding AG Progress-Werk Oberkirch AG PSIAG PSIAG Siegfried Holding AG SMT ScharfAG SurtecoAG SyzygyAG ViscomAG

This overview is updated monthly (last updated 15.11.2023)