Portfolio is ripe for further exits

Mutares achieved a strong start to the year, with increased holding revenues (+84% yoy) and the turnaround of adj. EBITDA (consolidated level) to EUR 5.1m to be highlighted. However, the focus was more on the exit process of SMP, which will have a material impact due to the expected cash proceeds of up to EUR 150m. Following the brisk M&A activities over the past years (~40 companies acquired since 2020) and operational improvements, Mutares has a well-filled exit pipeline. 2023 and 2024 could be the years of exits and thus a noticeable circulation of the current portfolio, which should lead to an increase in liquidity but also in Mutares' valuation. We reflect the recent transactions in our estimates. Driven by multiple expansion, we derive a slightly higher TP of EUR 35 (prev. EUR 33) and stick to our Buy rating.

Convincing performance in Q1 2023

Mutares achieved in Q1 a remarkable holding revenue increase of 84% yoy to EUR 27.1m (PASe: EUR 24.4m) and thus continued its new annual run rate of >EUR 100m of revenues. On that level, Mutares should be able to generate positive earnings even without contribution from upstream dividends and exit gains. On consolidated level, the adj. EBITDA of EUR 5.1m (PASe: EUR 0.7m) is to be highlighted, after a loss of EUR -30.7m in Q1 2022. The turnaround is driven by reduced losses in all segments, reflecting the operational improvement but also the progress of the newly acquired companies, which are usually loss-making.

Material impact from Special Melted Products exit

The announced exit of SMP came as a surprise to us since the company is with Mutares only since May 2022 and was recently still in the realignment phase. The remarkable valuation price of EUR 180m implies a FY 2023e EV/EBITDA of 9.5x. The expected cash proceeds are up to EUR 150m. Even after a maximum dividend payout of EUR 42m (EUR 2 per share), Mutares will be sitting on a high cash amount, which will be available for further M&A and should have a strong leverage effect on the portfolio. During the call, the management stated that they will not change their DNA and stick to their proven M&A strategy, that consists of acquiring companies in special situations, preferred non-core assets from large corporates. Considering the positive track record of the management, we are confident with regard to further value generation from special situations M&A.

EURm	2021	2022	2023e	2024e	2025e
Revenues	2,504	3,752	5,231	5,718	5,861
EBITDA	567	182	241	130	132
Adj. EBITDA	(41)	(33)	66	130	132
DPS	1.50	2.00	2.00	2.00	2.00
Holding KPIs					
Revenues	50	71	109	111	113
Portfolio income	65	140	134	136	138
EPS	2.46	3.54	6.65	1.85	1.86
EV/EBITDA	0.9	3.4	2.1	4.9	5.9
P/E*	9.2	5.1	3.6	12.9	12.8
ROE (%)	98.5	-	-	-	-
Div yield (%)	6.6	11.1	8.4	8.4	8.4
Net debt	508	689	471	597	735

^{*} based on Holding EPS Source: Pareto Securities

Target price (EUR) Share price (EUR)	35 24	A	BUY
2 p (20)		-	HOLD
		\blacksquare	SELL

Forecast changes

%	2023e	2024e	2025e
Revenues	10	9	9
EBITDA	141	(18)	(26)
Adj. EBITDA	141	(18)	(26)
EPS reported	40	(22)	(22)
EPS adj.	40	(22)	(22)

Source: Pareto Securities

Ticker	MUXG.DE, MUX GY
Sector	Diversified Small Caps
Shares fully diluted (m)	20.6
Market cap (EURm)	492
Net debt (EURm)	22
Minority interests (EURm)	1
Enterprise value 23e (EURm)	515
Free float (%)	65

Performance



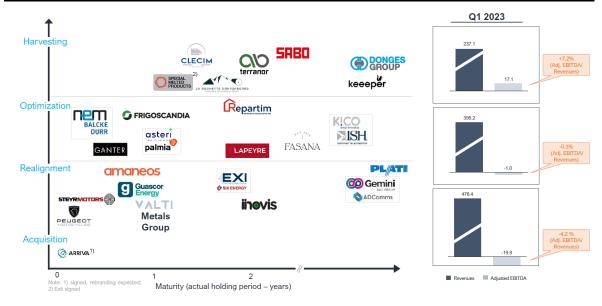
Pareto Securities AS has been paid by the issuer to produce this research report. This material is considered by Pareto Securities to qualify as an acceptable minor non-monetary benefit according to the EU MIFID 2 directive.

Analysts

Zafer Rüzgar

+49 69 58997 412, zafer.ruezgar@paretosec.com

Life cycle status of portfolio companies

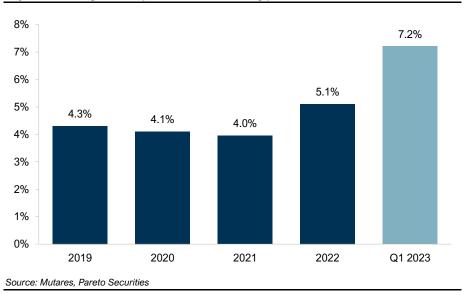


Source: Mutares

The companies in the Harvesting phase are the first candidates that come to mind when talking about potential exits. Following a strong Q4 2022 profitability here (adj. EBITDA margin of 7.1%) Mutares was able to further raise the Q1 adj. EBITDA margin to 7.2%. The successive improvement shows that the quality of the companies in the Harvesting phase has advanced over the past few years. In our opinion, this is also due to the fact that more higher-quality companies are being acquired. However, more importantly, Mutares' improved restructuring capability and the benefits resulting from a broader portfolio, such as synergies are also the main reasons for the margin expansion.

During the call, the management stated that EV/EBITDA multiples in the range of 5.5x/6x to 8x/9x are possible for potential exits. Assuming a year-end EBITDA of close to EUR 60m (implied EBITDA margin of 6.8%), the EV for the Harvesting companies would be in the range of EUR 330m to EUR 540m. According to the management, net debt of these companies is zero, and thus the EV would correspond to the equity value, compared to Mutares' current market cap of c.EUR 490m.

Adj. EBITDA margin of companies in the Harvesting phase



PROFIT & LOSS (fiscal year) (EURm)	2018	2019	2020	2021	2022	2023e	2024e	2025e
Revenues	865	1,016	1,584	2,504	3,752	5,231	5,718	5,861
EBITDA	49	79	143	567	182	241	130	132
Depreciation & amortisation	(30)	(53)	(102)	(119)	(185)	(199)	(218)	(223)
EBIT	19	26	41	447	(3)	42	(87)	(92)
Net interest	(5)	(10)	(24)	(19)	(53)	(69)	(74)	(79)
Other financial items	-	-	-	-	-	-	-	-
Profit before taxes	15	17	17	429	(56)	(27)	(161)	(170)
Taxes	(3)	-	3	14	36	-	-	-
Minority interest	3	4	(7)	(7)	(14)	-	-	-
Net profit	15	21	27	449	(7)	(27)	(161)	(170)
EPS adjusted	-	1.45	2.16	2.46	3.54	6.65	1.54	1.52
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	564	504	442
Other non-current assets	67	288	456	1,002	1,004	940	930	921
Other current assets	323	304	484	747	1,015	1,397	1,520	1,555
Cash & equivalents	108	80	145	255	246	485	358	221
Total assets	631	849	1,327	2,560	3,030	3,385	3,313	3,139
Total equity	208	208	207	736	714	646	443	231
Interest-bearing non-current debt	93	78	116	146	181	507	507	507
Interest-bearing current debt	-	-	110	141	306	-	-	-
Other Debt	330	562	895	1,537	1,829	2,233	2,364	2,402
Total liabilites & equity	631	849	1,327	2,560	3,030	3,385	3,313	3,139
CASH FLOW (EURm)	2018	2019	2020	2021	2022	2023e	2024e	2025e
CASH FLOW (EURm) Cash earnings	2018 26	2019 6	2020 (134)	2021 (230)	2022 (60)	2023e 67	2024e (20)	2025e 7
Cash earnings	26	6	(134)	(230)	(60)	67	(20)	7
Cash earnings Change in working capital	26 (39)	6 (17)	(134) 91	(230) 127	(60) 39	67 148	(20) 49	7 14
Cash earnings Change in working capital Cash flow from investments	26 (39) (3)	6 (17) 44	(134) 91 51	(230) 127 172	(60) 39 105	67 148 45	(20) 49 (114)	7 14 (117)
Cash earnings Change in working capital Cash flow from investments Cash flow from financing	26 (39) (3) 23	6 (17) 44 (63)	(134) 91 51 58	(230) 127 172 48	(60) 39 105 (56)	67 148 45 (21)	(20) 49 (114) (41)	7 14 (117) (41)
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow	26 (39) (3) 23 9	6 (17) 44 (63) (28)	(134) 91 51 58 66	(230) 127 172 48 110	(60) 39 105 (56) (9)	67 148 45 (21) 239	(20) 49 (114) (41) (127)	7 14 (117) (41) (137)
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm)	26 (39) (3) 23 9	6 (17) 44 (63) (28) 2019	(134) 91 51 58 66 2020	(230) 127 172 48 110	(60) 39 105 (56) (9) 2022	67 148 45 (21) 239 2023e	(20) 49 (114) (41) (127) 2024e	7 14 (117) (41) (137) 2025e
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end)	26 (39) (3) 23 9 2018	6 (17) 44 (63) (28) 2019 12.0	(134) 91 51 58 66 2020 14.8	(230) 127 172 48 110 2021 22.8	(60) 39 105 (56) (9) 2022 18.0	67 148 45 (21) 239 2023e 23.9	(20) 49 (114) (41) (127) 2024e 23.9	7 14 (117) (41) (137) 2025e 23.9
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period	26 (39) (3) 23 9 2018 8.5 15	6 (17) 44 (63) (28) 2019 12.0 15	(134) 91 51 58 66 2020 14.8 15	(230) 127 172 48 110 2021 22.8 21	(60) 39 105 (56) (9) 2022 18.0 21	67 148 45 (21) 239 2023e 23.9 21	(20) 49 (114) (41) (127) 2024e 23.9 21	7 14 (117) (41) (137) 2025e 23.9 21
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period Net interest bearing debt	26 (39) (3) 23 9 2018 8.5 15 (16)	6 (17) 44 (63) (28) 2019 12.0 15 (2)	(134) 91 51 58 66 2020 14.8 15 80	(230) 127 172 48 110 2021 22.8 21 32	(60) 39 105 (56) (9) 2022 18.0 21 240	67 148 45 (21) 239 2023e 23.9 21 22	(20) 49 (114) (41) (127) 2024e 23.9 21 148	7 14 (117) (41) (137) 2025e 23.9 21 285
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period Net interest bearing debt Enterprise value EV/Sales EV/EBITDA	26 (39) (3) 23 9 2018 8.5 15 (16) 143 0.2 2.9	6 (17) 44 (63) (28) 2019 12.0 15 (2) 205 0.2 2.6	(134) 91 51 58 66 2020 14.8 15 80 319 0.2 2.2	(230) 127 172 48 110 2021 22.8 21 32 517 0.2 0.9	(60) 39 105 (56) (9) 2022 18.0 21 240 613	67 148 45 (21) 239 2023e 23.9 21 22 515 0.1 2.1	(20) 49 (114) (41) (127) 2024e 23.9 21 148 642	7 14 (117) (41) (137) 2025e 23.9 21 285 779
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period Net interest bearing debt Enterprise value EV/Sales	26 (39) (3) 23 9 2018 8.5 15 (16) 143 0.2	6 (17) 44 (63) (28) 2019 12.0 15 (2) 205 0.2	(134) 91 51 58 66 2020 14.8 15 80 319 0.2	(230) 127 172 48 110 2021 22.8 21 32 517 0.2	(60) 39 105 (56) (9) 2022 18.0 21 240 613 0.2	67 148 45 (21) 239 2023e 23.9 21 22 515 0.1	(20) 49 (114) (41) (127) 2024e 23.9 21 148 642 0.1	7 14 (117) (41) (137) 2025e 23.9 21 285 779 0.1
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period Net interest bearing debt Enterprise value EV/Sales EV/EBITDA	26 (39) (3) 23 9 2018 8.5 15 (16) 143 0.2 2.9	6 (17) 44 (63) (28) 2019 12.0 15 (2) 205 0.2 2.6 7.8 8.2	(134) 91 51 58 66 2020 14.8 15 80 319 0.2 2.2 7.8 6.8	(230) 127 172 48 110 2021 22.8 21 32 517 0.2 0.9	(60) 39 105 (56) (9) 2022 18.0 21 240 613 0.2 3.4 -	67 148 45 (21) 239 2023e 23.9 21 22 515 0.1 2.1 12.4 3.6	(20) 49 (114) (41) (127) 2024e 23.9 21 148 642 0.1 4.9 - 15.5	7 14 (117) (41) (137) 2025e 23.9 21 285 779 0.1 5.9
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period Net interest bearing debt Enterprise value EV/Sales EV/EBITDA EV/EBIT	26 (39) (3) 23 9 2018 8.5 15 (16) 143 0.2 2.9	6 (17) 44 (63) (28) 2019 12.0 15 (2) 205 0.2 2.6 7.8	(134) 91 51 58 66 2020 14.8 15 80 319 0.2 2.2 7.8	(230) 127 172 48 110 2021 22.8 21 32 517 0.2 0.9 1.2	(60) 39 105 (56) (9) 2022 18.0 21 240 613 0.2 3.4	67 148 45 (21) 239 2023e 23.9 21 22 515 0.1 2.1 12.4	(20) 49 (114) (41) (127) 2024e 23.9 21 148 642 0.1 4.9	7 14 (117) (41) (137) 2025e 23.9 21 285 779 0.1 5.9
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period Net interest bearing debt Enterprise value EV/Sales EV/EBITDA EV/EBIT P/E adjusted P/B FINANCIAL ANALYSIS	26 (39) (3) 23 9 2018 8.5 15 (16) 143 0.2 2.9 7.3 - 0.7	6 (17) 44 (63) (28) 2019 12.0 15 (2) 205 0.2 2.6 7.8 8.2	(134) 91 51 58 66 2020 14.8 15 80 319 0.2 2.2 7.8 6.8	(230) 127 172 48 110 2021 22.8 21 32 517 0.2 0.9 1.2 9.2 0.7	(60) 39 105 (56) (9) 2022 18.0 21 240 613 0.2 3.4 -	67 148 45 (21) 239 2023e 23.9 21 22 515 0.1 2.1 12.4 3.6	(20) 49 (114) (41) (127) 2024e 23.9 21 148 642 0.1 4.9 - 15.5	7 14 (117) (41) (137) 2025e 23.9 21 285 779 0.1 5.9
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period Net interest bearing debt Enterprise value EV/Sales EV/EBITDA EV/EBIT P/E adjusted P/B FINANCIAL ANALYSIS ROE adjusted (%)	26 (39) (3) 23 9 2018 8.5 15 (16) 143 0.2 2.9 7.3 - 0.7 2018 7.9	6 (17) 44 (63) (28) 2019 12.0 15 (2) 205 0.2 2.6 7.8 8.2 1.0 2019	(134) 91 51 58 66 2020 14.8 15 80 319 0.2 2.2 7.8 6.8 1.2	(230) 127 172 48 110 2021 22.8 21 32 517 0.2 0.9 1.2 9.2 0.7	(60) 39 105 (56) (9) 2022 18.0 21 240 613 0.2 3.4 - 5.1 0.5	67 148 45 (21) 239 2023e 23.9 21 22 515 0.1 2.1 12.4 3.6 0.8 2023e	(20) 49 (114) (41) (127) 2024e 23.9 21 148 642 0.1 4.9 - 15.5 1.1	7 14 (117) (41) (137) 2025e 23.9 21 285 779 0.1 5.9 - 15.7 2.1 2025e
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period Net interest bearing debt Enterprise value EV/Sales EV/EBITDA EV/EBIT P/E adjusted P/B FINANCIAL ANALYSIS ROE adjusted (%) Dividend yield (%)	26 (39) (3) 23 9 2018 8.5 15 (16) 143 0.2 2.9 7.3 - 0.7 2018 7.9 11.7	6 (17) 44 (63) (28) 2019 12.0 15 (2) 205 0.2 2.6 7.8 8.2 1.0 2019 - 8.3	(134) 91 51 58 66 2020 14.8 15 80 319 0.2 2.2 7.8 6.8 1.2 2020	(230) 127 172 48 110 2021 22.8 21 32 517 0.2 0.9 1.2 9.2 0.7 2021 5.0 6.6	(60) 39 105 (56) (9) 2022 18.0 21 240 613 0.2 3.4 - 5.1 0.5	67 148 45 (21) 239 2023e 23.9 21 22 515 0.1 2.1 12.4 3.6 0.8 2023e	(20) 49 (114) (41) (127) 2024e 23.9 21 148 642 0.1 4.9 - 15.5 1.1 2024e - 8.4	7 14 (117) (41) (137) 2025e 23.9 21 285 779 0.1 5.9 - 15.7 2.1 2025e
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period Net interest bearing debt Enterprise value EV/Sales EV/EBITDA EV/EBIT P/E adjusted P/B FINANCIAL ANALYSIS ROE adjusted (%) Dividend yield (%) EBITDA margin (%)	26 (39) (3) 23 9 2018 8.5 15 (16) 143 0.2 2.9 7.3 - 0.7 2018 7.9 11.7 5.7	6 (17) 44 (63) (28) 2019 12.0 15 (2) 205 0.2 2.6 7.8 8.2 1.0 2019 - 8.3 7.8	(134) 91 51 58 66 2020 14.8 15 80 319 0.2 2.2 7.8 6.8 1.2 2020 - 10.1 9.0	(230) 127 172 48 110 2021 22.8 21 32 517 0.2 0.9 1.2 9.2 0.7 2021 5.0 6.6 22.6	(60) 39 105 (56) (9) 2022 18.0 21 240 613 0.2 3.4 - 5.1 0.5	67 148 45 (21) 239 2023e 23.9 21 22 515 0.1 2.1 12.4 3.6 0.8 2023e - 8.4 4.6	(20) 49 (114) (41) (127) 2024e 23.9 21 148 642 0.1 4.9 - 15.5 1.1	7 14 (117) (41) (137) 2025e 23.9 21 285 779 0.1 5.9 - 15.7 2.1 2025e
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period Net interest bearing debt Enterprise value EV/Sales EV/EBITDA EV/EBIT P/E adjusted P/B FINANCIAL ANALYSIS ROE adjusted (%) Dividend yield (%) EBITDA margin (%) EBIT margin (%)	26 (39) (3) 23 9 2018 8.5 15 (16) 143 0.2 2.9 7.3 - 0.7 2018 7.9 11.7 5.7 2.2	6 (17) 44 (63) (28) 2019 12.0 15 (2) 205 0.2 2.6 7.8 8.2 1.0 2019 - 8.3 7.8 2.6	(134) 91 51 58 66 2020 14.8 15 80 319 0.2 2.2 7.8 6.8 1.2 2020 - 10.1 9.0 2.6	(230) 127 172 48 110 2021 22.8 21 32 517 0.2 0.9 1.2 9.2 0.7 2021 5.0 6.6 22.6 17.9	(60) 39 105 (56) (9) 2022 18.0 21 240 613 0.2 3.4 - 5.1 0.5 2022 - 11.1 4.8	67 148 45 (21) 239 2023e 23.9 21 22 515 0.1 2.1 12.4 3.6 0.8 2023e	(20) 49 (114) (41) (127) 2024e 23.9 21 148 642 0.1 4.9 - 15.5 1.1 2024e - 8.4 2.3 -	7 14 (117) (41) (137) 2025e 23.9 21 285 779 0.1 5.9 - 15.7 2.1 2025e - 8.4 2.2
Cash earnings Change in working capital Cash flow from investments Cash flow from financing Net cash flow VALUATION (EURm) Share price (EUR end) Number of shares end period Net interest bearing debt Enterprise value EV/Sales EV/EBITDA EV/EBIT P/E adjusted P/B FINANCIAL ANALYSIS ROE adjusted (%) Dividend yield (%) EBITDA margin (%)	26 (39) (3) 23 9 2018 8.5 15 (16) 143 0.2 2.9 7.3 - 0.7 2018 7.9 11.7 5.7	6 (17) 44 (63) (28) 2019 12.0 15 (2) 205 0.2 2.6 7.8 8.2 1.0 2019 - 8.3 7.8	(134) 91 51 58 66 2020 14.8 15 80 319 0.2 2.2 7.8 6.8 1.2 2020 - 10.1 9.0	(230) 127 172 48 110 2021 22.8 21 32 517 0.2 0.9 1.2 9.2 0.7 2021 5.0 6.6 22.6	(60) 39 105 (56) (9) 2022 18.0 21 240 613 0.2 3.4 - 5.1 0.5	67 148 45 (21) 239 2023e 23.9 21 22 515 0.1 2.1 12.4 3.6 0.8 2023e - 8.4 4.6	(20) 49 (114) (41) (127) 2024e 23.9 21 148 642 0.1 4.9 - 15.5 1.1 2024e - 8.4	7 14 (117) (41) (137) 2025e 23.9 21 285 779 0.1 5.9 - 15.7 2.1 2025e

Disclaimer and legal disclosures

Origin of the publication or report
This publication or report originates from Pareto Securities AS, reg. no. 956 632 374 (Norway),
Pareto Securities AS, Frankfurt branch, reg. no. DE 320 965 513 / HR B 109177 (Germany) or
Pareto Securities AB, reg. no. 556206-8956 (Sweden) (together the Group Companies or the
"Pareto Securities Group") acting through their common unit Pareto Securities Research. The
Group Companies are supervised by the Financial Supervisory Authority of their respective

Content of the publication or report

This publication or report has been prepared solely by Pareto Securities Research.

Opinions or suggestions from Pareto Securities Research may deviate from recommendations or opinions presented by other departments or companies in the Pareto Securities Group. The reason may typically be the result of differing time horizons, methodologies, contexts or other

Sponsored research

Please note that if this report is labelled as "sponsored research" on the front page, Pareto Securities has entered into an agreement with the company about the preparation of research reports and receives compensation from the company for this service. Sponsored research is prepared by the Research Department of Pareto Securities without any instruction rights by the company. Sponsored research is however commissioned for and paid by the company and such material is considered by Pareto Securities to qualify as an acceptable minor non-monetary benefit according to the EU MiFID II Directive.

Basis and methods for assessment

Opinions and price targets are based on one or more methods of valuation, for instance cash flow analysis, use of multiples, behavioral technical analyses of underlying market movements in combination with considerations of the market situation and the time horizon. Key assumptions of forecasts, price targets and projections in research cited or reproduced appear in the research material from the named sources. The date of publication appears from the research material cited or reproduced. Opinions and estimates may be updated in subsequent versions of the publication or report, provided that the relevant company/issuer is treated anew in such later versions of the publication or report.

Pareto Securities Research may provide credit research with more specific price targets based on different valuation methods, including the analysis of key credit ratios and other factors describing the securities creditworthiness, peer group analysis of securities with similar creditworthiness and different DCF-valuations. All descriptions of loan agreement structures and Ioan agreement features are obtained from sources which Pareto Securities Research believes to be reliable, but Pareto Securities Research does not represent or warrant their accuracy. Be aware that investors should go through the specific complete loan agreement before investing in any bonds and not base an investment decision based solely on information contained in this publication or report.

Pareto Securities Research has no fixed schedule for updating publications or reports

Unless otherwise stated on the first page, the publication or report has not been reviewed by the issuer before dissemination. In instances where all or part of a report is presented to the issuer prior to publication, the purpose is to ensure that facts are correct.

Validity of the publication or report

All opinions and estimates in this publication or report are, regardless of source, given in good faith and may only be valid as of the stated date of this publication or report and are subject to

No individual investment or tax advice

The publication or report is intended only to provide general and preliminary information to investors and shall not be construed as the basis for any investment decision. This publication or report has been prepared by Pareto Securities Research as general information for private use of investors to whom the publication or report has been distributed, but it is not intended as a personal recommendation of particular financial instruments or strategies and thus it does not provide individually tailored investment advice, and does not take into account the individual investor's particular financial situation, existing holdings or liabilities, investment knowledge and experience, investment objective and horizon or risk profile and preferences. The investor must particularly ensure the suitability of an investment as regards his/her financial and fiscal situation and investment objectives. The investor bears the risk of losses in connection with an

Before acting on any information in this publication or report, we recommend consulting your

The information contained in this publication or report does not constitute advice on the tax consequences of making any particular investment decision. Each investor shall make his/her own appraisal of the tax and other financial merits of his/her investment.

Sources

This publication or report may be based on or contain information, such as opinions, recommendations, estimates, price targets and valuations which emanate from Pareto Securities Research' analysts or representatives, publicly available information, information from other units or companies in the Group Companies, or other named sources.

To the extent this publication or report is based on or contains information emanating from other sources ("Other Sources") than Pareto Securities Research ("External Information"), Pareto Securities Research has deemed the Other Sources to be reliable but neither the companies in the Pareto Securities Group, others associated or affiliated with said companies nor any other person, guarantee the accuracy, adequacy or completeness of the External Information.

Ratings Equity ratings:

"Buv" Pareto Securities Research expects this financial instrument's total return to exceed 10% over the next 12 months

Pareto Securities Research expects this financial instrument's total return to be between -10% and 10% over the next 12 months "Hold"

"Sell" Pareto Securities Research expects this financial instrument's total return to be negative by more than 10% over the next 12 months

Analysts Certification

The research analyst(s) whose name(s) appear on research reports prepared by Pareto Securities Research certify that: (i) all of the views expressed in the research report accurately reflect their personal views about the subject security or issuer, and (ii) no part of the research analysts' compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analysts in research reports that are prepared by Pareto Securities Research.

The research analysts whose names appears on research reports prepared by Pareto Securities Research received compensation that is based upon various factors including Pareto Securities total revenues, a portion of which are generated by Pareto Securities' investment banking

Limitation of liability

Pareto Securities Group or other associated and affiliated companies assume no liability as regards to any investment, divestment or retention decision taken by the investor on the basis of this publication or report. In no event will entities of the Pareto Securities Group or other associated and affiliated companies be liable for direct, indirect or incidental, special or consequential damages resulting from the information in this publication or report.

Neither the information nor any opinion which may be expressed herein constitutes a solicitation by Pareto Securities Research of purchase or sale of any securities nor does it constitute a solicitation to any person in any jurisdiction where solicitation would be unlawful. All information contained in this research report has been compiled from sources believed to be reliable. However, no representation or warranty, express or implied, is made with respect to the completeness or accuracy of its contents, and it is not to be relied upon as authoritative.

Risk information

The risk of investing in certain financial instruments, including those mentioned in this document, is generally high, as their market value is exposed to a lot of different factors such as the operational and financial conditions of the relevant company, growth prospects, change in interest rates, the economic and political environment, foreign exchange rates, shifts in market sentiments etc. Where an investment or security is denominated in a different currency to the investor's currency of reference, changes in rates of exchange may have an adverse effect on the value, price or income of or from that investment to the investor. Past performance is not a guide to future performance. Estimates of future performance are based on assumptions that may not be realized. When investing in individual shares, the investor may lose all or part of the investments.

Conflicts of interest

Companies in the Pareto Securities Group, affiliates or staff of companies in the Pareto Securities Group, may perform services for, solicit business from, make a market in, hold long or short positions in, or otherwise be interested in the investments (including derivatives) of any

company mentioned in the publication or report. In addition Pareto Securities Group, or affiliates, may from time to time have a broking, advisory or other relationship with a company which is the subject of or referred to in the relevant Research, including acting as that company's official or sponsoring broker and providing investment banking or other financial services. It is the policy of Pareto to seek to act as corporate adviser or broker to some of the companies which are covered by Pareto Securities Research. Accordingly companies covered in any Research may be the subject of marketing initiatives by the Investment Banking Department.

To limit possible conflicts of interest and counter the abuse of inside knowledge, the analysts of Pareto Securities Research are subject to internal rules on sound ethical conduct, the management of inside information, handling of unpublished research material, contact with other units of the Group Companies and personal account dealing. The internal rules have been prepared in accordance with applicable legislation and relevant industry standards. The object of the internal rules is for example to ensure that no analyst will abuse or cause others to abuse confidential information. It is the policy of Pareto Securities Research that no link exists between revenues from capital markets activities and individual analyst remuneration. The Group Companies are members of national stockbrokers' associations in each of the countries in which the Group Companies have their head offices. Internal rules have been developed in accordance with recommendations issued by the stockbrokers associations. This material has been prepared following the Pareto Securities Conflict of Interest Policy.

The quidelines in the policy include rules and measures aimed at achieving a sufficient degree of independence between various departments, business areas and sub-business areas within the Pareto Securities Group in order to, as far as possible, avoid conflicts of interest from arising between such departments, business areas and sub-business areas as well as their customers. One purpose of such measures is to restrict the flow of information between certain business areas and sub-business areas within the Pareto Securities Group, where conflicts of interest may arise and to safeguard the impartialness of the employees. For example, the Investment Banking departments and certain other departments included in the Pareto Securities Group are surrounded by arrangements, so-called Chinese Walls, to restrict the flows of sensitive information from such departments. The internal guidelines also include, without limitation, rules aimed at securing the impartialness of, e.g., analysts working in the Pareto Securities Research departments, restrictions with regard to the remuneration paid to such analysts, requirements with respect to the independence of analysts from other departments within the Pareto Securities Group rules concerning contacts with covered companies and rules concerning personal account trading carried out by analysts.

The securities referred to in this publication or report may not be eligible for sale in some jurisdictions and persons into whose possession this document comes should inform themselves about and observe any such restrictions. This publication or report is not intended for and must not be distributed to private customers in the US, or retail clients in the United Kingdom, as defined by the Financial Conduct Authority (FCA).

This research is only intended for and may only be distributed to institutional investors in the United States and U.S entities seeking more information about any of the issuers or securities discussed in this report should contact Pareto Securities Inc. at 150 East 52nd Street, New York, NY 10022, Tel. 212 829 4200.

Pareto Securities Inc. is a broker-dealer registered with the U.S. Securities and Exchange Commission and is a member of FINRA &SIPC. U.S. To the extent required by applicable U.S. laws and regulations, Pareto Securities Inc. accepts responsibility for the contents of this publication. Investment products provided by or through Pareto Securities Inc. or Pareto Securities Research are not FDIC insured, may lose value and are not guaranteed by Pareto. Securities Inc. or Pareto Securities Research. Investing in non-U.S. securities may entail certain risks. This document does not constitute or form part of any offer for sale or subscription, nor shall it or any part of it form the basis of or be relied on in connection with any contract or commitment whatsoever. The securities of non-U.S. issuers may not be registered with or subject to SEC reporting and other requirements. The information available about non-U.S. companies may be limited, and non-U.S. companies are generally not subject to the same uniform auditing and reporting standards as U.S. companies. Market rules, conventions and practices may differ from U.S. markets, adding to transaction costs or causing delays in the purchase or sale of securities. Securities of some non-U.S. companies may not be as liquid as securities of comparable U.S. companies. Fluctuations in the values of national currencies, as well as the potential for governmental restrictions on currency movements, can significantly erode principal and investment returns.

Pareto Securities Research may have material conflicts of interest related to the production or distribution of this research report which, with regard to Pareto Securities Rese disclosed herein.

Distribution in Singapore

Pareto Securities Pte Ltd holds a Capital Markets Services License is an exempt financial advisor under Financial Advisers Act, Chapter 110 ("FAA") of Singapore and a subsidiary of Pareto

This report is directed solely to persons who qualify as "accredited investors", "expert investors" and "institutional investors" as defined in section 4A(1) Securities and Futures Act, Chapter 289 ("SFA") of Singapore. This report is intended for general circulation amongst such investors and does not take into account the specific investment objectives, financial situation or particular needs of any particular person. You should seek advice from a financial adviser regarding the suitability of any product referred to in this report, taking into account your specific financial objectives, financial situation or particular needs before making a commitment to purchase any such product. Please contact Pareto Securities Pte Ltd, 16 Collyer Quay, # 27-02 Income at Raffles, Singapore 049318, at +65 6408 9800 in matters arising from, or in connection with this

Additional provisions on Recommendations distributed in the Canada Canadian recipients of this research report are advised that this research report is not, and under no circumstances is it to be construed as an offer to sell or a solicitation of or an offer to buy any securities that may be described herein. This research report is not, and under no circumstances is it to be construed as, a prospectus, offering memorandum, advertisement or a public offering in Canada of such securities. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon this research report or the merits of any securities described or discussed herein and any representation to the contrary is an offence. Any securities described or discussed within this research report may only be distributed in Canada in accordance with applicable provincial and territorial securities laws. Any offer or sale in Canada of the securities described or discussed herein will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the dealer registration requirement in the relevant province or territory of Canada in which such offer or sale is made. Under no circumstances is the information contained herein to be construed as investment advice in any province or territory of Canada nor should it be construed as being tailored to the needs of the recipient. Canadian recipients are advised that Pareto Securities AS, its affiliates and its authorized agents are not responsible for, nor do they accept, any liability whatsoever for any direct or consequential loss arising from any use of this research report or the information contained

Distribution in United KingdomThis publication is issued for the benefit of persons who qualify as eligible counterparties or professional clients and should be made available only to such persons and is exempt from the restriction on financial promotion in s21 of the Financial Services and Markets Act 2000 in reliance on provision in the FPO.

Copyright
This publication or report may not be mechanically duplicated, photocopied or otherwise reproduced, in full or in part, under applicable copyright laws. Any infringement of Pareto Securities Research's copyright can be pursued legally whereby the infringer will be held liable for any and all losses and expenses incurred by the infringement.

Appendix A

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 %
Bonheur	239,220	0.56%
Huddly	1,188,823	0.56%
Par eto Bank	14,732,232	21.09%
Pexip Holding	747,095	0.72%
Spar ebank 1 Nor d-Nor ge	5,013,452	4.99%
Spar ebank 1 SM N	2,800,224	2.16%
Spar ebank 1 SR-Bank	2,407,375	0.94%
Spar eBank 1 Østf old Akershus	1,237,140	9.99%
Spar eBank 1 Østlandet	5,772,206	5.44%
Spar ebanken Mør e	566,833	1.15%
Spar ebanken Sør	333,149	0.80%
Spar ebanken V est	7,981,712	7.28%
NEXT Biometrics	700,000	0.76%
SpareBank 1 Sørøst-Norge	2,746,539	4.35%

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
Adevinta	0	950
Aker ASA	500	2.288
Aker BP	0	15,875
Aker Horizons	0	212,397
Aker Solutions	0	1,388
AMSC ASA	0	3,600
Aprila Bank ASA	0	22,675
AURELIUS Equity Opportunities	0	500
Austevoll Seaf ood	0	3,548
Awil co LNG	0	30,000
Belships	0	40,000
BioInvent	0	15,000
Bonheur	0	30,350
Borregaard ASA	0	518
Bouvet	0	980
BW Energy	0	98,381
BW Of f shore	0	4,900
Cool Company	0	5,000
Crayon	0	610
DNB	0	33,084
DNO	0	71,391
Edda Wind	0	5,000
Egetis Ther apeutics	0	6,855
Elkem	0	19,520
El mer a Group A SA	0	37,305
Embracer Group	0	8,600
Equinor	0	3,012
Essity	0	168
Europris	0	17,745
Flex LNG	0	895

Company	Analyst holdings*	Total holdings
Frontline	0	8,000
Gaming Innovation Group	0	25,000
Gjensidige For sikring	519	1,960
Grieg Seaf ood	0	13,491
Haf nia Ltd.	0	126,220
Huddly	0	1,188,823
Hydr ogenPr o	0	34,922
International Petroleum Corp Kahoot	0	5,511 36,118
Kambi Groupplc	0	430
Kinnevik AB	0	315
Kitron	0	2,314
Komplett ASA	0	21,754
Komplett Bank	0	153,800
Kongsber g Gr uppen	0	500
Lea bank	0	16,355
Ler øy Seaf ood Group	0	38,951
Media and Games Invest	0	5,000
Meltwater Mowi	0	24,000
Multitude	0	5,242 2,443
NEXT Biometrics	0	700.000
Nor Am Drilling	0	6,883
NORBIT ASA	0	1,706
Nor dic Semi conductor	0	12,305
Nor eco	0	1,000
Nor sk Hydr o	0	80,711
Norske Skog	0	90,449
Odfjell Drilling	0	2,081
Okeanis Eco Tankers	0	5,016
Orkla	0	8,526
Panor o Energy Par eto Bank	0	14,733 761,886
Petro Tal	0	74,000
Pexip Holding	0	747,095
Protector Forsikring	0	7,300
PyrumInnovations	0	100
Quantaf uel	0	23,665
REC Silicon	0	32,539
Sal M ar	0	3,724
Sandnes Spar ebank	0	2,500
Scatec	0	20,129
Seadrill Ltd	0	10,300
SignUp Software Solstad Offshore	0	1,264 117,500
Sparebank 1 Nor d-Nor ge	725	7,775
Sparebank 1 SMN	0	9.421
Spar ebank 1 SR-Bank	0	9,545
Spar eBank 1 Østlandet	1,100	11,100
Spar ebanken Mør e	0	1,080
Spar ebanken Sør	0	15,840
Spar ebanken Vest	0	2,294
Stolt-Ni elsen	0	3,800
Stor ebr and	100	3,110
Storytel	0	5,390
Subsea 7	0	21,470
Teekay Tankers	0	208
Telenor TGS	0	3,004 10,830
Transocean	0	10,000
Valaris	0	3,100
Vestas Wind Systems	0	1,235
Vår Energi	0	117,479
Webstep	0	2,000
Wilh. Wilhelmsen Holding	0	229
Yara	0	16,089
Zaptec	0	16,200
AAC Clyde Space	0	52,700

This overview is updated monthly (last updated 18.04.2023).

^{*}Analyst holdings refers to positions held by the Pareto Securities 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:

Add Energy Akershus Energi Varme AS Alva Industries AS American Shipping Company

Waste Plastic Upcycling Ørn Software

B2Holding AS Bekk og Strøm AS, SV Vattenkraf t AB Benchmark Holdings BioInvent

Bluewater Holding

Bluewater Holding
Born Drilling
Brooge Petroleumand Gas
BWLPG
Cadeler
CCSFinansiering AS
CERAFILTEC
Cloudberry Clean Energy
COOL Company
DNO
Dolphin Drilling

Edda Wind EdR Certified Origin Physical Gold Plc

Eidesvik Offshore Endur ASA Fertiberia Corporate S.L.U Fishbase Group AS

Floatel Haf nia Ltd. Haf nia Ltd.
Hospitality Invest
House of Control
HydrogenPro
Idavang A/S
Island Green Power Ltd
Kezzler AS
KMC Properties
Komplett Bank

Komplett Bank Kraft Bank Kruse Smith Kvitebjørn Energi AS

Magnora Maha Energy

Memmo Family Mime Petroleu Multitude SE Multitude SE

Mutares SE &Co. KGaA

Nor Am Drilling

Nor dic Unmanned

Nor eco

Nor land ia Heal th &Car e Group

Norse Atlantic Norske Skog Northern Ocean Okea AS Pandi on Ener gy

PHM Group Holding Holding

Polight ASA Proximar Seafood

Pul Pac AB

Or ed Holding

Or ed Holding
Salmon Evolution
Scala E iendom
Schletter International B.V
Seacr est Petroleo
Shamar an Petroleum
Skandia GreenPower
Standar d Supply AS
Tasik Toba Subsea AS
Tise AS

Tise AS Treasure ASA Vantage Drilling Internationa

Vestby Logistikk Holding Viking Venture 27 AS

Vikina Ventur e 28 A S

Waldorf Production Ltd.

This overview is updated monthly (this overview is for the period 01.04.2022 – 31.03.2023).

Appendix C

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

Distribution of recommendations

Buv	73%
Hold	23%
Sell	4%
Distribution of recommendations (transactions*)	
Recommendation	% distribution

 $^* Companies under coverage with which Pareto Securities Group has on-going or completed public$

This overview is updated monthly (last updated 14.04.2023).

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 Par eto 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:

ADDvise Group AB Cinis Fertilizer AB NGE x Miner als Ltd Adtraction Group AB Egetis Therapeutics AB Renewcell AB Sedana Medical Hanza AB Artificial Solutions International AB Azelio AB Biovica International AB Hexicon AB Linkfire A/S SignUp Software AB Xbrane Biopharma 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:

Linkfire Media & Games Invest plc. Modelon AB Sedana Medical

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

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

Fleming Properties AB Hallsell Property Invest AB Halmslätten Fastighets AB (publ) Korsängen Fastighets AB (publ) Krona Public Real Estate AB Logistri Fastighets AB Mälaråsen AB One Publicus Fastighets AB Origa Care AB (publ) Aar hus Rssidentials Backaheden Fastighets AB
Bonäsudden Holding AB (publ)
Bor glanda Fastighets AB
Bosiā Fastish Bosjö Fastigheter 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

This overview is updated monthly (last updated 16.04.2023).

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 Ener gy AG INTERSHOP Communications AG Progress-Werk Oberkirch AG ad pepper m Biotest AG IVU Traffic AG Kontron AG Pryme B.V. PSI AG PSI AG
Salmones Camanchaca S.A.
Seven Principles AG
SWOP APPTHEKE EUROPE N.V.
SMT Scharf AG
Surteco AG
Syzygy AG
TTL Beteiligungs- und Grundbesitz AG
Hizin Litz SF Biotest AG Pf d Leif heit AG Biotest AG Pfd.

Cor estate Capital Holding S.A.

Daldrup & Sohne AG

DEMIRE AG

DF Deutsche Fortf ait AG

epigenomics AG

Foris AG

GERRY WEBER International AG

Gesch AG manz AG
MAX Automation SE
Merkur Privatbank AG
Meta Wolf AG
MLP SE
MPC Container Ships ASA Muehlhahn AG Mutar es SE & Co. KGaA Uzin Utz SE VERIANOS SE Gesco AG GFT Technologies SE Gigaset AG OVB Holding AG ProCredit Holding AG Viscom AG WPU - Waste Plastic Upcycling AS Heidelber g Phar ma AG

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.

GERRY WEBER International AG 2G Ener gy AG BayWa A G BB Biotech A G Gesco AG GFT Technologies SE Mutares SE &Co. KGaA Mynaric AG Biotest AG Gigaset AG OHB SE Biotest AG Pf d Heidelber g Phar ma AG ProCredit Holding AG Cliq Digital AG Hypoport SE Progress-Werk Oberkirch AG Cliq Digital AG
Daldr up & Söhne AG
Delignit
Der maphar m Holding SE
Enapter AG
epigenomics AG
Expres2ion Biotech Holding AB INTERSHOP Communications AG PSIAG Siegfried Holding AG SMT Scharf AG Surteco AG Syzygy AG Viscom AG

This overview is updated monthly (last updated 16.04.2023).

% distribution