

ABO Wind AG

Deutschland / Cleantech Börse München Bloomberg: AB9 GR ISIN: DE0005760029

Update

RATING PRICE TARGET

BUY € 106.00

Return Potential 141.5% Risk Rating High

ABO WIND AG WILL BECOME ABO ENERGY KGAA

At the annual general meeting, 87% voted in favour of the change in legal form and so ABO Wind AG will become ABO Energy KGaA. The change in legal form means that the two founders will retain their influence even if future capital increases dilute the current ca. 52% majority of the founding families. Operationally, ABO has recently impressed with positive news. In South Africa, the project rights for a construction-ready 100 MW solar park were sold. In Finland, ABO has reached further milestones and is now the country's leading wind power developer. In Germany, ABO's first hydrogen project is entering the next phase with the order for the electrolysis systems. An updated DCF model that takes into account the increased yield on risk-free assets results in a new price target of €106 (previously: €118). After the sharp share price decline of recent months, we see ABO as attractively valued and confirm our Buy recommendation.

Large majority votes in favour of change in legal form — In addition to the change in legal form from an AG to a KGaA, ABO Wind will also be renamed ABO Energy to reflect its broader technological base (photovoltaics, battery storage and hydrogen in addition to wind). As shareholders declared their objection to the change in legal form at the AGM, it cannot yet be submitted to the commercial register for registration.

Construction-ready 100 MW solar project sold The project is part of a 300 MW PV cluster. ABO already sold the remaining 200 MW in 2022. The company is developing large wind, solar, battery and hydrogen projects in South Africa. At the branch in Cape Town, 19 employees are working on a project pipeline of more than 4,600 MW. The majority of the project portfolio is sufficiently advanced in terms of planning to participate in tenders.

(p.t.o.)

FINANCIAL HISTORY & PROJECTIONS

| 2020 | 2021 | 2022 | 2023E | 2024E | 2025E |
|--------|---|--|--|--|--|
| 149.16 | 127.11 | 231.66 | 267.25 | 304.13 | 343.06 |
| 18.1% | -14.8% | 82.3% | 15.4% | 13.8% | 12.8% |
| 22.46 | 22.45 | 43.12 | 42.02 | 48.03 | 52.40 |
| 15.1% | 17.7% | 18.6% | 15.7% | 15.8% | 15.3% |
| 13.12 | 13.80 | 24.59 | 23.95 | 27.30 | 31.21 |
| 1.54 | 1.50 | 2.67 | 2.60 | 2.96 | 3.38 |
| 0.45 | 0.49 | 0.54 | 0.54 | 0.62 | 0.66 |
| 40.53 | -54.05 | -19.10 | 2.23 | 7.66 | 13.57 |
| 5.3% | 45.0% | 55.0% | 54.2% | 50.9% | 45.4% |
| 52.80 | 18.47 | 87.08 | 79.72 | 98.11 | 104.15 |
| | 149.16 18.1% 22.46 15.1% 13.12 1.54 0.45 40.53 5.3% | 149.16 127.11 18.1% -14.8% 22.46 22.45 15.1% 17.7% 13.12 13.80 1.54 1.50 0.45 0.49 40.53 -54.05 5.3% 45.0% | 149.16 127.11 231.66 18.1% -14.8% 82.3% 22.46 22.45 43.12 15.1% 17.7% 18.6% 13.12 13.80 24.59 1.54 1.50 2.67 0.45 0.49 0.54 40.53 -54.05 -19.10 5.3% 45.0% 55.0% | 149.16 127.11 231.66 267.25 18.1% -14.8% 82.3% 15.4% 22.46 22.45 43.12 42.02 15.1% 17.7% 18.6% 15.7% 13.12 13.80 24.59 23.95 1.54 1.50 2.67 2.60 0.45 0.49 0.54 0.54 40.53 -54.05 -19.10 2.23 5.3% 45.0% 55.0% 54.2% | 149.16 127.11 231.66 267.25 304.13 18.1% -14.8% 82.3% 15.4% 13.8% 22.46 22.45 43.12 42.02 48.03 15.1% 17.7% 18.6% 15.7% 15.8% 13.12 13.80 24.59 23.95 27.30 1.54 1.50 2.67 2.60 2.96 0.45 0.49 0.54 0.54 0.62 40.53 -54.05 -19.10 2.23 7.66 5.3% 45.0% 55.0% 54.2% 50.9% |

RISKS

Main risks are project development, supply chain, financing, interest rate, and regulation.

COMPANY PROFILE

ABO Wind is a project developer for renewable energies and has developed green power and storage projects with a total capacity of ca. 5 GW since ist establishment in 1996. The company also offers the management of wind farms, solar plants and storages. ABO Wind has ca. 1.100 employees. Ist headquarters are in Wiesbaden, Germany.

| MARKET DATA | As of 01 Nov 2023 |
|-------------------------|-------------------|
| Closing Price | € 43.90 |
| Shares outstanding | 9.22m |
| Market Capitalisation | € 404.80m |
| 52-week Range | € 43.50 / 96.60 |
| Avg. Volume (12 Months) | 4.538 |

| Multiples | 2022 | 2023E | 2024E |
|-----------|------|-------|-------|
| P/E | 16.5 | 16.9 | 14.8 |
| EV/Sales | 2.0 | 1.8 | 1.6 |
| EV/EBIT | 11.0 | 11.2 | 9.8 |
| Div Yield | 1 2% | 1 2% | 1 4% |

STOCK OVERVIEW



| COMPANY DATA | As of 30 Jun 2023 |
|----------------------|-------------------|
| Liquid Assets | € 34.99m |
| Current Assets | € 441.17m |
| Intangible Assets | € 1.13m |
| Total Assets | € 460.62m |
| Current Liabilities | € 33.64m |
| Shareholders' Equity | € 173.97m |
| | |

SHAREHOLDERS

| Familie Ahn | 26.0% |
|------------------|-------|
| Familie Bockholt | 26.0% |
| Mainova | 10.0% |
| Free Float | 38.0% |

Market leader in Finland With a project pipeline of 5.5 GW, ABO is the country's leading project developer according to the Finnish Wind Energy Association. ABO recently sold the 87 MW Pajuperänkangas wind farm. This is the first time that the company has covered the entire value chain of planning, financing and turnkey construction for a wind farm of this size. In addition to the Pajuperänkangas wind farm, the Illevara wind farm with a capacity of 30 MW will be connected to the grid at the end of the year. The 65 MW Urakkaneva project, which was pre-developed with co-operation partner Infinergies, is also ready for construction.

ABO's first German hydrogen project is making progress — An electrolyser and a hydrogen filling station for buses and lorries are being built in a logistics park near Fulda. The facility, which is located directly at a motorway exit, will receive its green electricity directly from a wind turbine. ABO placed the order for the two electrolysis systems with the manufacturer FEST in October. These have a total capacity of 5 MW and can produce up to 90 kg of hydrogen per hour. ABO Wind and Air Liquide Advanced Technologies (ALAT) signed the supply contract for the hydrogen refuelling station and the filling system back in December 2022. Construction of the wind power plant with a capacity of 4.8 MW is scheduled to begin in February 2024. The project is funded by the Federal Ministry for Digital and Transport with a total of around €12m as part of the National Innovation Programme for Hydrogen and Fuel Cell Technology.

Estimates for 2023 confirmed ABO presented solid H1 figures at the end of August and confirmed its guidance (net result between €22m and €26m). Following the operating successes in the second half of the year so far, we maintain our estimates for 2023 and continue to expect a net result of €24m.

Buy confirmed at lowered price target The 10-year German government bond recently yielded 2.8%. Our updated DCF model, which takes into account this increased interest rate for risk-free investments, leads to a new price target of €106 (previously: €118). We assume that the controversies surrounding the change in legal form will calm down after the AGM vote and that the share will find calmer waters after the sharp price decline. Operationally, ABO remains very well positioned with its green power project pipeline of 22.2 GW and its hydrogen-based green power pipeline of 19.9 GW. ABO's most important market, Germany, is being boosted by the reforms of the coalition government and is growing strongly. With a 2024E P/E ratio of 15, we consider the share to be attractively valued in view of the growth prospects. We reiterate our Buy recommendation.



| DCF valuation model | | | | | | | | |
|------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| All figures in EUR '000 | 2023E | 2024E | 2025E | 2026E | 2027E | 2028E | 2029E | 2030E |
| Net sales | 267,249 | 304,129 | 343,058 | 384,225 | 461,070 | 509,273 | 558,579 | 608,344 |
| NOPLAT | 30,224 | 34,590 | 39,026 | 45,661 | 54,420 | 58,878 | 63,911 | 68,139 |
| + depreciation & amortisation | 3,378 | 2,486 | 2,938 | 3,404 | 3,902 | 4,522 | 5,136 | 5,744 |
| Net operating cash flow | 33,602 | 37,076 | 41,964 | 49,065 | 58,322 | 63,400 | 69,047 | 73,883 |
| - total investments (CAPEX and WC) | -31,372 | -29,415 | -28,392 | -31,649 | -52,306 | -35,173 | -36,151 | -36,706 |
| Capital expenditures | -3,741 | -4,258 | -4,803 | -5,379 | -6,350 | -6,898 | -7,439 | -7,964 |
| Working capital | -27,631 | -25,157 | -23,589 | -26,270 | -45,955 | -28,275 | -28,711 | -28,742 |
| Free cash flows (FCF) | 2,230 | 7,661 | 13,573 | 17,416 | 6,016 | 28,226 | 32,896 | 37,177 |
| PV of FCF's | 2,206 | 7,082 | 11,730 | 14,072 | 4,544 | 19,929 | 21,713 | 22,941 |

| All figures in thousands | |
|---|-----------|
| PV of FCFs in explicit period (2023E-2037E) | 283,816 |
| PV of FCFs in terminal period | 790,495 |
| Enterprise value (EV) | 1,074,311 |
| + Net cash / - net debt | -93,505 |
| + Investments / minority interests | 36 |
| Shareholder value | 980,842 |
| Number of shares (diluted) | 9,221 |
| Fair value per share in EUR | 106.37 |

| Terminal grow th | 3.5% |
|----------------------|-------|
| Terminal EBIT margin | 13.5% |
| | |

| WACC | 7.0% |
|-------------------------|--------|
| Cost of equity | 11.1% |
| Pre-tax cost of debt | 4.0% |
| Tax rate | 30.0% |
| After-tax cost of debt | 2.8% |
| Share of equity capital | 50.0% |
| Share of debt capital | 50.0% |
| Price target in EUR | 106.00 |

| | | | rerminai g | row tn rate | | | |
|------|--------|--------|------------|-------------|--------|--------|--------|
| | 2.0% | 2.5% | 3.0% | 3.5% | 4.0% | 4.5% | 5.0% |
| 5.5% | 138.46 | 154.14 | 176.17 | 209.40 | 265.30 | 379.01 | 736.41 |
| 6.0% | 116.23 | 126.85 | 141.04 | 160.98 | 191.06 | 241.66 | 344.60 |
| 6.5% | 99.12 | 106.58 | 116.18 | 129.01 | 147.05 | 174.26 | 220.03 |
| 7.0% | 85.59 | 90.96 | 97.70 | 106.37 | 117.97 | 134.27 | 158.87 |
| 7.5% | 74.63 | 78.60 | 83.45 | 89.53 | 97.36 | 107.84 | 122.56 |
| 8.0% | 65.60 | 68.58 | 72.16 | 76.53 | 82.02 | 89.08 | 98.53 |
| 8.5% | 58.04 | 60.31 | 63.00 | 66.22 | 70.17 | 75.11 | 81.47 |
| | - | | | | | | |

 $^{^{\}star}$ for layout purposes the model shows numbers only to 2030, but runs until 2037



INCOME STATEMENT

2 November 2023

| All figures in EUR '000 | 2020A | 2021A | 2022A | 2023E | 2024E | 2025E |
|--------------------------------|---------|---------|---------|---------|---------|---------|
| Revenues | 149,155 | 127,109 | 231,658 | 267,249 | 304,129 | 343,058 |
| Changes in inventory | 20,206 | 60,346 | 76,434 | 72,157 | 82,115 | 88,166 |
| Own work | 0 | 0 | 0 | 0 | 0 | 0 |
| Total output | 169,361 | 187,455 | 308,092 | 339,406 | 386,244 | 431,224 |
| Cost of goods sold | 72,592 | 78,280 | 148,807 | 170,238 | 198,292 | 228,134 |
| Gross profit | 96,769 | 109,175 | 159,285 | 169,169 | 187,952 | 203,090 |
| Personnel costs | 50,776 | 63,397 | 77,730 | 86,586 | 96,200 | 103,800 |
| Other operating income | 6,362 | 5,141 | 5,111 | 6,526 | 6,083 | 6,861 |
| Other operating expenses | 17,593 | 20,440 | 29,694 | 33,406 | 36,496 | 39,452 |
| EBITDA | 34,762 | 30,479 | 56,972 | 55,702 | 61,339 | 66,700 |
| Depreciation and amortisation | 1,649 | 1,929 | 3,002 | 3,378 | 2,486 | 2,938 |
| Depreciation of current assets | 10,653 | 6,102 | 10,846 | 10,304 | 10,819 | 11,360 |
| Operating income (EBIT) | 22,460 | 22,448 | 43,124 | 42,021 | 48,034 | 52,401 |
| Net financial result | -1,755 | -1,485 | -4,887 | -6,273 | -7,294 | -7,815 |
| Pre-tax income (EBT) | 20,705 | 20,963 | 38,238 | 35,748 | 40,741 | 44,586 |
| Income taxes | 7,589 | 7,152 | 13,661 | 11,797 | 13,444 | 13,376 |
| Minority interests | 4 | -6 | 13 | 0 | 0 | 0 |
| Net income / loss | 13,120 | 13,804 | 24,590 | 23,951 | 27,296 | 31,210 |
| Diluted EPS (in €) | 1.54 | 1.50 | 2.67 | 2.60 | 2.96 | 3.38 |
| Ratios | | | | | | |
| Gross margin on total output | 57.1% | 58.2% | 51.7% | 49.8% | 48.7% | 47.1% |
| EBITDA margin on revenues | 23.3% | 24.0% | 24.6% | 20.8% | 20.2% | 19.4% |
| EBIT margin on revenues | 15.1% | 17.7% | 18.6% | 15.7% | 15.8% | 15.3% |
| EBT margin on revenues | 13.9% | 16.5% | 16.5% | 13.4% | 13.4% | 13.0% |
| Net margin on revenues | 8.8% | 10.9% | 10.6% | 9.0% | 9.0% | 9.1% |
| Tax rate | 36.7% | 34.1% | 35.7% | 33.0% | 33.0% | 30.0% |
| Expenses as % of revenues | | | | | | |
| Personnel costs | 34.0% | 49.9% | 33.6% | 32.4% | 31.6% | 30.3% |
| Depreciation and amortisation | 1.1% | 1.5% | 1.3% | 1.3% | 0.8% | 0.9% |
| Depreciation of current assets | 7.1% | 4.8% | 4.7% | 3.9% | 3.6% | 3.3% |
| Other operating expenses | 11.8% | 16.1% | 12.8% | 12.5% | 12.0% | 11.5% |
| Y-Y Growth | | | | | | |
| Revenues | 18.1% | -14.8% | 82.3% | 15.4% | 13.8% | 12.8% |
| Operating income | 14.3% | -0.1% | 92.1% | -2.6% | 14.3% | 9.1% |
| Net income/ loss | 15.1% | 5.2% | 78.1% | -2.6% | 14.0% | 14.3% |



BALANCE SHEET

| All figures in EUR '000 | 2020A | 2021A | 2022A | 2023E | 2024E | 2025E |
|---|---------|---------|---------|---------|---------|---------|
| Assets | | | | | | |
| Current assets, total | 236,761 | 282,609 | 437,621 | 462,137 | 509,525 | 543,242 |
| Cash and cash equivalents | 52,798 | 18,472 | 87,075 | 79,721 | 98,109 | 104,149 |
| Short-term investments | 9,331 | 11,684 | 8,775 | 8,775 | 8,775 | 8,775 |
| Receivables | 34,020 | 10,860 | 26,502 | 40,270 | 45,828 | 51,694 |
| Inventories | 64,398 | 133,019 | 124,152 | 142,253 | 165,696 | 187,507 |
| Other current assets | 74,825 | 105,708 | 187,664 | 187,664 | 187,664 | 187,664 |
| Non-current assets, total | 12,501 | 14,451 | 13,643 | 14,007 | 15,779 | 17,643 |
| Property, plant & equipment | 5,653 | 7,234 | 9,043 | 9,266 | 10,858 | 12,510 |
| Goodwill & other intangibles | 1,116 | 1,474 | 1,574 | 1,715 | 1,895 | 2,107 |
| Financial assets | 5,732 | 5,743 | 3,026 | 3,026 | 3,026 | 3,026 |
| Other assets | 0 | 0 | 0 | 0 | 0 | 0 |
| Total assets | 249,262 | 297,060 | 451,264 | 476,144 | 525,304 | 560,885 |
| Shareholders' equity & debt | | | | | | |
| Current liabilities, total | 44,700 | 56,483 | 97,545 | 103,453 | 128,034 | 108,491 |
| Short-term debt | 8,594 | 8,997 | 10,331 | 12,000 | 32,000 | 8,000 |
| Accounts payable | 7,081 | 14,034 | 19,081 | 23,320 | 27,163 | 31,251 |
| Current provisions | 19,634 | 21,355 | 36,695 | 36,695 | 36,695 | 36,695 |
| Other current liabilities | 9,391 | 12,097 | 31,438 | 31,438 | 32,176 | 32,545 |
| Long-term liabilities, total | 64,446 | 90,713 | 183,661 | 183,661 | 186,661 | 216,661 |
| Long-term debt | 51,662 | 76,950 | 170,249 | 170,249 | 173,249 | 203,249 |
| Deferred revenue | 0 | 0 | 0 | 0 | 0 | 0 |
| Other liabilities | 12,784 | 13,763 | 13,412 | 13,412 | 13,412 | 13,412 |
| Minority interests | 30 | 41 | 36 | 36 | 36 | 36 |
| Shareholders' equity | 140,086 | 149,823 | 170,022 | 188,994 | 210,573 | 235,697 |
| Share capital | 9,221 | 9,221 | 9,221 | 9,221 | 9,221 | 9,221 |
| Capital reserve | 45,490 | 45,490 | 45,490 | 45,490 | 45,490 | 45,490 |
| Other reserves | 0 | 0 | 0 | 0 | 0 | 0 |
| Loss carryforward / retained earnings | 85,671 | 95,329 | 115,401 | 134,373 | 155,952 | 181,076 |
| Total consolidated equity and debt | 249,262 | 297,060 | 451,264 | 476,144 | 525,304 | 560,885 |
| Ratios | | | | | | |
| Current ratio (x) | 5.30 | 5.00 | 4.49 | 4.47 | 3.98 | 5.01 |
| Quick ratio (x) | 3.86 | 2.65 | 3.21 | 3.09 | 2.69 | 3.28 |
| Net debt | 7,458 | 67,475 | 93,505 | 102,528 | 107,140 | 107,100 |
| Net gearing | 5.3% | 45.0% | 55.0% | 54.2% | 50.9% | 45.4% |
| Book value per share (in €) | 16.47 | 16.25 | 18.44 | 20.50 | 22.84 | 25.56 |
| Equity ratio | 56.2% | 50.4% | 37.7% | 39.7% | 40.1% | 42.0% |
| Return on equity (ROE) | 9.4% | 9.2% | 14.5% | 12.7% | 13.0% | 13.2% |
| Return on assets (ROA) | 6.2% | 5.4% | 6.7% | 6.5% | 6.7% | 7.0% |
| Return on investment (ROI) | 5.3% | 4.6% | 5.4% | 5.0% | 5.2% | 5.6% |
| Return on average capital employed (ROCE) | 14.2% | 12.1% | 17.7% | 14.9% | 15.5% | 15.6% |
| Days of sales outstanding (DSO) | 83 | 31 | 42 | 55 | 55 | 55 |
| Days inventory outstanding (DIO) | 324 | 620 | 305 | 305 | 305 | 300 |
| Days in payables (DIP) | 36 | 65 | 47 | 50 | 50 | 50 |

CASH FLOW STATEMENT

| All figures in EUR '000 | 2020A | 2021A | 2022A | 2023E | 2024E | 2025E |
|---------------------------------|---------|---------|---------|---------|---------|---------|
| EBIT | 22,460 | 22,448 | 43,111 | 42,021 | 48,034 | 52,401 |
| Depreciation and amortisation * | 1,649 | 1,929 | 3,002 | 3,378 | 2,486 | 2,938 |
| EBITDA | 24,109 | 24,377 | 46,113 | 45,399 | 50,520 | 55,340 |
| Changes in working capital | 28,412 | -68,555 | -61,723 | -27,631 | -25,157 | -23,589 |
| Other adjustments | -10,048 | -6,558 | 1,761 | -11,797 | -13,444 | -13,376 |
| Operating cash flow | 42,473 | -50,736 | -13,850 | 5,972 | 11,919 | 18,375 |
| Investments in PP&E | -1,774 | -2,941 | -4,597 | -3,207 | -3,650 | -4,117 |
| Investments in intangibles | -173 | -375 | -654 | -534 | -608 | -686 |
| Free cash flow | 40,526 | -54,052 | -19,101 | 2,230 | 7,661 | 13,573 |
| Acquisitions & disposals, net | 7 | 462 | 249 | 0 | 0 | 0 |
| Other investments | -1,651 | -1,004 | 2,872 | 0 | 0 | 0 |
| Investment cash flow | -3,591 | -3,858 | -2,130 | -3,741 | -4,258 | -4,803 |
| Debt financing, net | -16,575 | 26,764 | 94,375 | 1,669 | 23,000 | 6,000 |
| Equity financing, net | 27,145 | 0 | 0 | 0 | 0 | 0 |
| Dividends paid | -3,558 | -4,149 | -4,518 | -4,979 | -4,979 | -5,717 |
| Other financing | -2,573 | -2,328 | -5,650 | -6,273 | -7,294 | -7,815 |
| Financing cash flow | 4,438 | 20,287 | 84,207 | -9,584 | 10,727 | -7,532 |
| FOREX & other effects | -170 | 19 | 376 | 0 | 0 | 0 |
| Net cash flows | 43,150 | -34,288 | 68,603 | -7,354 | 18,388 | 6,040 |
| Cash, start of the year | 9,648 | 52,798 | 18,472 | 87,075 | 79,721 | 98,109 |
| Cash, end of the year | 52,798 | 18,510 | 87,075 | 79,721 | 98,109 | 104,149 |
| EBITDA/share (in €) | 4.09 | 3.31 | 6.18 | 6.04 | 6.65 | 7.23 |
| Y-Y Growth | | | | | | |
| Operating cash flow | n.m. | n.m. | n.m. | n.m. | 99.6% | 54.2% |
| Free cash flow | n.m. | n.m. | n.m. | n.m. | 243.5% | 77.2% |
| Financial cash flow | -84.8% | 357.1% | 315.1% | n.m. | n.m. | n.m. |
| EBITDA/share | 14.2% | -19.1% | 86.9% | -2.2% | 10.1% | 8.7% |

^{*} Depreciation of current assets are booked in "Changes in working capital".



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Anschrift:

First Berlin Equity Research GmbH Friedrichstr. 34 10117 Berlin Germany

Vertreten durch den Geschäftsführer: Martin Bailey

Telefon: +49 (0) 30-80 93 9 680 Fax: +49 (0) 30-80 93 9 687 E-Mail: <u>info@firstberlin.com</u>

Amtsgericht Berlin Charlottenburg HR B 103329 B

UST-Id.: 251601797

Ggf. Inhaltlich Verantwortlicher gem. § 6 MDStV

First Berlin Equity Research GmbH

Authored by: Dr. Karsten von Blumenthal, Analyst

All publications of the last 12 months were authored by Dr. Karsten von Blumenthal.

Company responsible for preparation: First Berlin Equity Research GmbH, Friedrichstraße 69, 10117

The production of this recommendation was completed on 2 November 2023 at 11:02

Person responsible for forwarding or distributing this financial analysis: Martin Bailey

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PRICE TARGET DATES

Unless otherwise indicated, current prices refer to the closing prices of the previous trading day.

AGREEMENT WITH THE ANALYSED COMPANY AND MAINTENANCE OF OBJECTIVITY

The present financial analysis is based on the author's own knowledge and research. The author prepared this study without any direct or indirect influence exerted on the part of the analysed company. Parts of the financial analysis were possibly provided to the analysed company prior to publication in order to avoid inaccuracies in the representation of facts. However, no substantial changes were made at the request of the analysed company following any such provision.

ASSET VALUATION SYSTEM

First Berlin's system for asset valuation is divided into an asset recommendation and a risk assessment.

ASSET RECOMMENDATION

The recommendations determined in accordance with the share price trend anticipated by First Berlin in the respectively indicated investment period are as follows:

| Category Current market capitalisation (in €) | | | 2 > 2 billion | |
|--|--|---------------|------------------|--|
| | | 0 - 2 billion | | |
| Strong Buy ¹ | An expected favourable price trend of: | > 50% | > 30% | |
| Buy | An expected favourable price trend of: | > 25% | > 15% | |
| Add | An expected favourable price trend of: | 0% to 25% | 0% to 15% | |
| Reduce | An expected negative price trend of: | 0% to -15% | 0% to -10% | |
| Sell | An expected negative price trend of: | < -15% | < -10% | |

¹ The expected price trend is in combination with sizable confidence in the quality and forecast security of management.

Our recommendation system places each company into one of two market capitalisation categories. Category 1 companies have a market capitalisation of $\in 0 - \in 2$ billion, and Category 2 companies have a market capitalisation of $> \in 2$ billion. The expected return thresholds underlying our recommendation system are lower for Category 2 companies than for Category 1 companies. This reflects the generally lower level of risk associated with higher market capitalisation companies.

RISK ASSESSMENT

The First Berlin categories for risk assessment are low, average, high and speculative. They are determined by ten factors: Corporate governance, quality of earnings, management strength, balance sheet and financial risk, competitive position, standard of financial disclosure, regulatory and political uncertainty, strength of brandname, market capitalisation and free float. These risk factors are incorporated into the First Berlin valuation models and are thus included in the target prices. First Berlin customers may request the models.

RECOMMENDATION & PRICE TARGET HISTORY

| Report No.: | Date of publication | Previous day closing price | Recommendation | Price target |
|-------------------|---------------------|-------------------------------|----------------|-----------------|
| Initial Report | 12 April 2017 | €7.80 | BUY | €14.00 |
| 226 | ↓ | ↓ | \downarrow | ↓ |
| 27 | 11 July 2022 | €56.20 | BUY | €92.00 |
| 28 | 2 September 2022 | €56.20 | BUY | €109.00 |
| 29 | 5 December 2022 | €63.00 | BUY | €112.00 |
| 30 | 26 January 2023 | €83.00 | BUY | €118.00 |
| 31 | 2 March 2023 | €74.60 | BUY | €118.00 |
| 32 | 21 March 2023 | €72.00 | BUY | €118.00 |
| 33 | 9 June 2023 | €58.20 | BUY | €118.00 |
| 34 | 7 September 2023 | €49.40 | BUY | €118.00 |
| 35 | Today | €43.90 | BUY | €106.00 |

INVESTMENT HORIZON

Unless otherwise stated in the financial analysis, the ratings refer to an investment period of twelve months.



UPDATES

At the time of publication of this financial analysis it is not certain whether, when and on what occasion an update will be provided. In general First Berlin strives to review the financial analysis for its topicality and, if required, to update it in a very timely manner in connection with the reporting obligations of the analysed company or on the occasion of ad hoc notifications.

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Legally required information regarding

- key sources of information in the preparation of this research report
- valuation methods and principles
- sensitivity of valuation parameters

can be accessed through the following internet link: https://firstberlin.com/disclaimer-english-link/

SUPERVISORY AUTHORITY: Bundesanstalt für Finanzdienstleistungsaufsicht (German Federal Financial Supervisory Authority) [BaFin], Graurheindorferstraße 108, 53117 Bonn and Marie-Curie-Straße 24-28, 60439 Frankfurt am Main

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