

Photon Energy NV

Netherlands | Renewables | MCap EUR 29.1m

20 November 2025

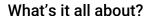
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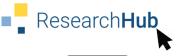
Q3 solid thanks to oneoffs, Spec. BUY

Spec. BUY (Spec. BUY)

Target price EUR 1.00 (1.00)
Current price EUR 0.47
Up/downside 110.5%



Photon Energy posted Q3 25 revenues of EUR 24.3m (+6.2% yoy), with strong growth in Technology and New Energy offsetting a sharp drop in Engineering and weaker Electricity Generation due to TSO-mandated shutdowns and regulatory changes in Romania. EBITDA rose to EUR 4.5m (+18% yoy), boosted by a EUR 1.4m one-off, while underlying performance was weaker due to unfavorable mix and an impairment charge. The adjusted equity ratio remains covenant-compliant at 25.6%. Q4 should benefit from the planned sale of the Domanowo project and delayed Polish capacity payments. Management maintains FY25 guidance (EUR 100–110m revenue, now expected at the lower end, EUR 9m EBITDA), implying a strong Q4. Long-term opportunities in emerging technologies remain attractive, and we confirm our Spec. BUY rating with a EUR 1.00 price target.





MAIN AUTHOR

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IMPORTANT. Please refer to the last page of this report for "Important disclosures" and analyst(s) certifications.

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Photon Energy NV

Netherlands | Renewables | MCap EUR 29.1m | EV EUR 190.0m

Spec. BUY (Spec. BUY)

Target price Current price Up/downside **EUR 1.00** (1.00) EUR 0.47 110.5% MAIN AUTHOR

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Q3 solid thanks to one-offs, Spec. BUY

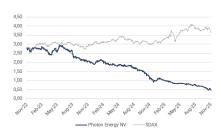
Q3 revenues up 6%. Photon Energy reported Q3 numbers. Consolidated revenues for Q3 25 came in at EUR 24.3m (+6.2% yoy). The growth driver was once again the Technology segment, which saw revenues more than double to EUR 5.4m (+146% yoy) on strong module and battery demand in the CEE region. The New Energy division also performed well, up 38% yoy to EUR 8.9m, aided by supplementary capacity market auctions in Poland. However, these gains were dampened by a 14% drop in Electricity Generation revenues to EUR 7.8m. This decline stems from a 9% drop in generation output, caused by the sale of Australian assets and, more concerningly, TSO-mandated shutdowns and regulatory changes in Romania. Engineering revenues contracted significantly (-69%) following the completion of the Pukenui project.

EBITDA supported by one-offs. Reported EBITDA improved to EUR 4.5m (+18% yoy). However, the result includes a net gain of EUR 1.4m from the sale of the Yadnarie project rights to AGL. Excluding this disposal, the recurring business underperformed. The Engineering segment dragged significantly, booking a negative EBITDA of EUR - 2.0m due to cost overruns and penalties at the Pukenui project. Furthermore, Photon Energy recognized a EUR 1.6m impairment charge, primarily related to software write-offs in the New Energy division. Q3 operating cash flow softened to EUR 2.3m (Q3 24: EUR 6.9m) due to non-cash items and working capital movements.

Covenant still has headroom. While the reported equity ratio declined to 24.2%, falling below the 25% threshold required by the Green Bond covenant, adjusting for the permitted carve-out related to regulatory changes in Hungary and Romania, the ratio stands at 25.6%. While compliant, the buffer is thin (60bps), leaving little room for error in Q4. However, Photon Energy has a clear roadmap to remain compliant in Q4 2025: The most significant lever is the monetization of the development pipeline, which by generating profit and lowering debt improves the ratio from both sides. Management explicitly expects to close the sale of the 20.3 MWp Domanowo project in Poland in Q4 2025. Since this project is at the "ready-to-build" stage, its sale will likely generate a capital gain. In addition, a suspended capacity market payment of EUR 1.5m due to a regulatory dispute in Poland was paid in October, which should also improve the equity ratio by directly increasing EBITDA.

- continued next page -**Photon Energy NV** 2022 2023 2025E 2026E 2024 2027E Sales 94.2 70.6 89.9 100.3 111.2 123.9 159.1% Growth yoy -25.0% 27.3% 11.5% 10.9% 11.4% **EBITDA** 24.1 6.8 7.8 8.9 14.9 18.7 **EBIT** 14.5 -5.2 -2.8 -3.6 1.6 4.6 Net profit 4.3 -0.5-9.4 -9.4 -8.1 -6.8 Net debt (net cash) 181.6 127.3 166.8 160.3 202.4 219.9 Net debt/EBITDA 5.3x 24.4x 20.5x 20.4x 13.6x 11.8x 0.07 -0.01 EPS reported -0.15 -0.15 -0.13 -0.11 **DPS** 0.00 0.00 0.00 0.00 0.00 0.00 Dividend yield 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% Gross profit margin 53.1% 47.8% 57.8% 56.7% 64.7% 66.8% EBITDA margin 25.5% 9.7% 8.7% 8.9% 13.4% 15.1% EBIT margin 15.4% -7.4% -3.5% 1.4% 3.7% -3 1% ROCE 6.6% -2.0% -1.1% -1.4% 0.6% 1.6% EV/Sales 2.1x 2.0x 17x 2.8x 2 1x 2 1x EV/EBITDA 6.5x 28.8x 24.3x 23.8x 15.6x 13.4x -69.0x **EV/EBIT** 10.7x -37.8x -59.4x 148.9x 54.3x PER 6.8x -63.4x -3.1x -3.1x -3.6x -4.3x

Source: Company data, mwb research



Source: Company data, mwb research

High/low 52 weeks 1.15 / 0.46 Price/Book Ratio 0.5x

Ticker / Symbols

ISIN NL0010391108 WKN A1T9KW Bloomberg P7V:GR

Changes in estimates

		Sales	EBIT	EPS
2025E	old	103.3	-3.5	-0.15
	Δ	-2.9%	na%	na%
2026E	old	111.2	1.6	-0.13
	Δ	0.0%	0.0%	na%
2027E	old	123.9	4.6	-0.11
	Δ	0.0%	0.0%	na%

Key share data

Number of shares: (in m pcs) 61.24 Book value per share: (in EUR) 0.99 Ø trading vol.: (12 months) 33,236

Major shareholders

Solar Future	33.7%
Solar Power to the People	32.2%
Solar Age Investments	1.8%
Free Float	30.6%

Company description

Photon Energy NV is a solar energy and water treatment solutions company based in the Netherlands that covers the entire lifecycle of its technologies. The Company develops projects in Australia, Hungary, Poland and Romania, and provides operations and maintenance services worldwide. The Company has offices in Europe and Australia.





Guidance maintained, confirm Spec. BUY. Management maintains its FY25 guidance of EUR 100-110m in revenue (now expected at the lower end) and EUR 9m in EBITDA. Attaining the EBITDA target implies a good Q4 performance, and specifically the closing of the Domanowo sale and the receipt of the delayed Polish capacity market payments. Long-term, Photon Energy has substantial potential in emerging technologies and markets, including demand response and capacity markets, as well as Raygen and PFAS remediation. We confirm our Spec. BUY rating and EUR 1.00 price target for investors willing to take on short-term risks in order to benefit from long-term opportunities.

The following table displays the quarterly performance of **Photon Energy NV**:

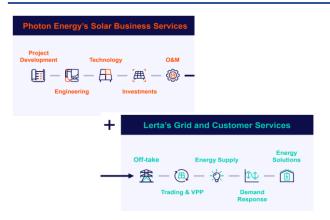
P&L data	Q4 2023	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025	Q3 2025
Sales	11.2	17.4	23.9	22.9	25.1	22.0	25.7	24.3
yoy growth in %	-43.6%	-9.9%	14.1%	18.9%	124.1%	26.9%	7.5%	6.2%
Gross profit	3.8	9.3	15.2	14.7	12.1	11.2	13.6	14.0
Gross margin in %	72.4%	53.5%	63.4%	64.5%	48.1%	50.9%	53.0%	57.7%
EBITDA	-1.0	0.8	5.3	3.8	-1.1	1.2	2.8	4.5
EBITDA margin in %	2.4%	4.5%	22.1%	16.6%	-4.5%	5.5%	11.0%	18.5%
EBIT	-2.7	-1.4	2.3	0.4	-4.4	-0.8	-0.5	-0.4
EBIT margin in %	-27.3%	-8.2%	9.5%	1.7%	-17.4%	-3.6%	-1.9%	-1.5%
EBT	-5.3	-2.3	-2.6	-2.5	-7.0	-3.4	-3.5	-2.5
taxes paid	0.8	-1.0	0.2	0.5	-0.4	0.3	-0.2	0.2
tax rate in %	-20.0%	43.0%	-6.2%	-20.7%	6.4%	-10.2%	6.3%	-7.2%
net profit	-6.2	-1.3	-2.8	-3.0	-6.5	-3.7	-3.3	-2.7
yoy growth in %	na%	na%	-14.8%	37.6%	6.0%	180.5%	16.8%	-10.1%
EPS	-0.10	-0.02	-0.05	-0.05	-0.11	-0.06	-0.05	-0.04





Investment case in six charts

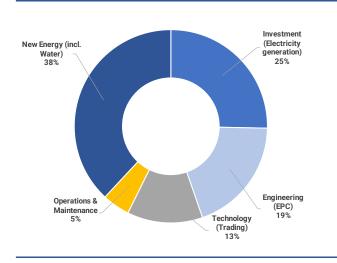
Business Model



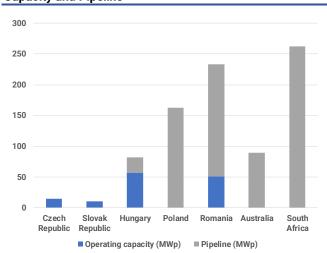
Geographical Presence



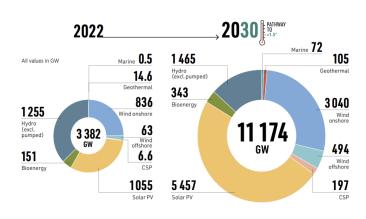
External Revenue Shares (2024)



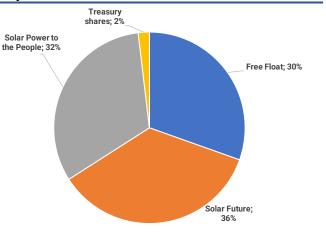
Capacity and Pipeline



Fastest growing renewable energy



Major Shareholders







SWOT analysis

Strengths

- early mover in the PV market with expertise in the whole system life cycle
- · unique focus on and understanding of CEE market
- strong ESG credentials -> green bond
- transparent and detailed reporting and comprehensive capital market communications
- strong management team and high standards of corporate governance

Weaknesses

- still a relatively small player
- · high leverage and capital needs to fulfill project pipeline
- strong seasonality in solar business
- analysis of underlying profitability complex due the nature of the business (FX and derivatives effects, strong contribution of OCI, capital gains on resale of projects and high share of internal revenues in business segments)

Opportunities

- · solar power finally competitive without subsidies
- access to promising technology (RayGen) via equity participation
- catch up potential in CEE and a well filled project pipeline
- high prices for fossil energy and geopolitical tailwinds
- increasing interest in behind-the-meter projects
- increasing share of renewables leads to greater demand for grid flexibility and VPP services
- PFAS water remediation potentially huge market

Threats

- water business line could distract focus
- volatile market prices
- large-scale project risk (cost overruns, change in market conditions during development etc.)
- regulatory risks, for example retroactive adjustments to feed-in tariffs or price caps





Valuation

DCF Model

The DCF model results in a fair value of EUR 1.00 per share:

Top-line growth: We expect Photon Energy NV to grow revenues at a CAGR of 5.0% between 2025E and 2032E. The long-term growth rate is set at 2.0%.

ROCE. Returns on capital are developing from -1.4% in 2025E to 7.5% in 2032E.

WACC. Starting point is a historical equity beta of 1.06. Unleverering and correcting for mean reversion yields an asset beta of 0.45. Combined with a risk-free rate of 2.0% and an equity risk premium of 6.0% this yields cost of equity of 8.8%. With pretax cost of borrowing at 7.5%, a tax rate of 25.0% and target debt/equity of 2.0 this results in a long-term WACC of 6.7%.

DCF (EURm) (except per share data and beta)	2025E	2026E	2027E	2028E	2029E	2030E	2031E	2032E	Terminal value
NOPAT	-3.4	1.5	4.4	5.4	5.3	5.7	6.9	6.9	
Depreciation & amortization	12.5	13.3	14.1	14.1	14.1	14.2	14.6	15.1	
Change in working capital	-4.9	-4.4	-3.0	-0.7	-0.3	1.1	0.0	0.5	
Chg. in long-term provisions	1.0	1.5	1.7	0.6	0.4	0.6	0.4	0.4	
Capex	-13.7	-15.6	-15.9	0.0	0.0	-1.1	-1.1	-12.8	
Cash flow	-8.6	-3.7	1.3	19.5	19.6	20.3	20.8	10.0	218.6
Present value	-8.5	-3.4	1.1	14.8	13.8	13.3	12.7	5.9	138.0
WACC	9.1%	9.1%	9.2%	9.2%	8.9%	8.6%	8.4%	7.8%	6.7%

DCF per share derived from	
Total present value	187.8
Mid-year adj. total present value	195.7
Net debt / cash at start of year	160.3
Financial assets	26.6
Provisions and off b/s debt	0.5
Equity value	61.4
No. of shares outstanding	61.2
Discounted cash flow / share	1.00
upside/(downside)	111.0%

DCF avg. growth and earnings assumptions	
Planning horizon avg. revenue growth (2025E-2032E)	5.0%
Terminal value growth (2032E - infinity)	2.0%
Terminal year ROCE	7.5%
Terminal year WACC	6.7%

Terminal WACC derived from	
Cost of borrowing (before taxes)	7.5%
Long-term tax rate	25.0%
Equity beta	1.06
Unlevered beta (industry or company)	0.45
Target debt / equity	2.0
Relevered beta	1.13
Risk-free rate	2.0%
Equity risk premium	6.0%
Cost of equity	8.8%

Share price	0.47
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Sensitivity anal	ysis DCF							
		Long term (growth				Share of present value	
Ö		1.0%	1.5%	2.0%	2.5%	3.0%		
(8)	2.0%	-0.2	-0.1	0.0	0.2	0.3	2025E-2028E	2.2%
Change in WACC (%-points)	1.0%	0.1	0.3	0.4	0.6	0.8	2029E-2032E	24.4%
ge i	0.0%	0.6	0.8	1.0	1.3	1.7	terminal value	73.5%
(%)	-1.0%	1.2	1.5	1.9	2.4	3.1		
<u>ਹ</u>	-2.0%	2.1	2.6	3.4	4.5	6.2		

Source: mwb research





FCF Yield Model

Due to the fact that companies rarely bear sufficient resemblance to peers in terms of geographical exposure, size or competitive strength and in order to adjust for the pitfalls of weak long-term visibility, an Adjusted Free Cash Flow analysis (Adjusted FCF) has been conducted.

The adjusted Free Cash Flow Yield results in a fair value between EUR -2.62 per share based on 2025E and EUR -0.68 per share on 2029E estimates.

The main driver of this model is the level of return available to a controlling investor, influenced by the cost of that investors' capital (opportunity costs) and the purchase price – in this case the enterprise value of the company. Here, the adjusted FCF yield is used as a proxy for the required return and is defined as EBITDA less minority interest, taxes and investments required to maintain existing assets (maintenance capex).

FCF yield in EURm	2025E	2026E	2027E	2028E	2029E
EBITDA	8.9	14.9	18.7	19.8	19.6
- Maintenance capex	10.0	10.7	11.3	11.3	11.3
- Minorities	0.0	0.0	0.0	0.0	0.0
- tax expenses	-0.8	-0.7	-0.7	-0.7	-0.3
= Adjusted FCF	-0.3	5.0	8.1	9.2	8.6
Actual Market Cap	29.1	29.1	29.1	29.1	29.1
+ Net debt (cash)	181.6	202.4	219.9	219.9	211.4
+ Pension provisions	0.6	0.7	0.7	0.8	0.8
+ Off B/S financing	0.0	0.0	0.0	0.0	0.0
- Financial assets	26.6	26.6	26.6	26.6	26.6
 Acc. dividend payments 	0.0	0.0	0.0	0.0	0.0
EV Reconciliations	155.7	176.5	194.0	194.1	185.6
= Actual EV'	184.7	205.6	223.1	223.2	214.7
Adjusted FCF yield	-0.2%	2.4%	3.6%	4.1%	4.0%
base hurdle rate	7.0%	7.0%	7.0%	7.0%	7.0%
ESG adjustment	1.0%	1.0%	1.0%	1.0%	1.0%
adjusted hurdle rate	6.0%	6.0%	6.0%	6.0%	6.0%
Fair EV	- 5.0	82.8	135.0	153.3	143.8
- EV Reconciliations	155.7	176.5	194.0	194.1	185.6
Fair Market Cap	-160.7	-93.8	- 59.0	- 40.8	-41.8
raii Market Cap	-100.7	-93.0	-39.0	-40.0	-41.0
No. of shares (million)	61.2	61.2	61.2	61.2	61.2
Fair value per share in EUR	-2.62	-1.53	-0.96	-0.67	-0.68
Premium (-) / discount (+)	-652.3%	-422.3%	-302.9%	-240.4%	-243.7%
Sensitivity analysis FV					
4.0%	-2.7	-0.9	0.1	0.6	0.5
Adjuste 5.0%	-2.6	-1.3	-0.5	-0.2	-0.2
d hurdle 6.0%	-2.6	-1.5	-1.0	-0.7	-0.7
rate 7.0%	-2.6	-1.7	-1.3	-1.0	-1.0
8.0%	-2.6	-1.9	-1.5	-1.3	-1.3

Source: Company data; mwb research

Simply put, the model assumes that investors require companies to generate a minimum return on the investor's purchase price. The required after-tax return equals the model's hurdle rate of 7.0%. Anything less suggests the stock is expensive; anything more suggests the stock is cheap. **ESG adjustments might be applicable.** A high score indicates high awareness for environmental, social or governance issues and thus might lower the overall risk an investment in the company might carry. A low score on the contrary might increase the risk of an investment and might therefore trigger a higher required hurdle rate.

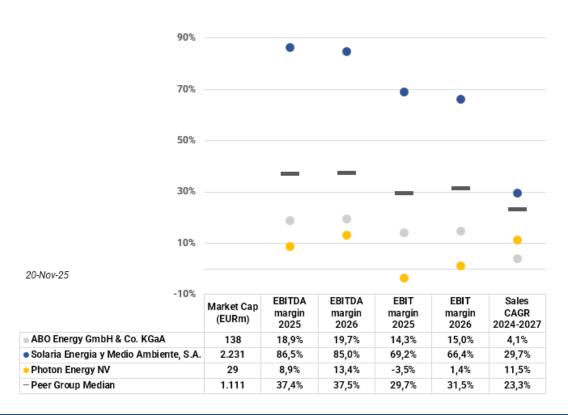




Peer group analysis

A peer group or comparable company ("comps") analysis is a methodology that calculates a company's relative value — how much it should be worth based on how it compares to other similar companies. Given that **Photon Energy NV** differs quite significantly in terms of size, focus, financial health and growth trajectory, we regard our peer group analysis merely as a support for other valuation methods. The peer group of Photon Energy NV consists of the stocks displayed in the chart below. As of 20 November 2025 the median market cap of the peer group was EUR 1,110.9m, compared to EUR 29.1m for Photon Energy NV. In the period under review, the peer group was more profitable than Photon Energy NV. The expectations for sales growth are higher for the peer group than for Photon Energy NV.

Peer Group - Key data



Source: FactSet, mwb research

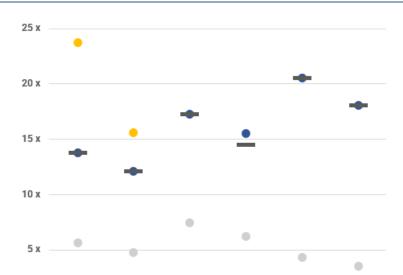




Comparable company analysis operates under the assumption that similar companies will have similar valuation multiples. We use the following multiples: EV/EBITDA 2025, EV/EBITDA 2026, EV/EBIT 2025, EV/EBIT 2026, P/E 2025 and P/E 2026.

Applying these to Photon Energy NV results in a range of fair values from EUR 0.01 to EUR -0.02.

Peer Group - Multiples and valuation



20-Nov-25

0 x	EV/EBITDA 2025	EV/EBITDA 2026	EV/EBIT 2025	EV/EBIT 2026	P/E 2025	P/E 2026
 ABO Energy GmbH & Co. KGaA 	5,6x	4,8x	7,5x	6,3x	4,4x	3,6x
Solaria Energia y Medio Ambiente, S.A.	13,8x	12,2x	17,3x	15,6x	20,6x	18,1x
 Photon Energy NV 	23,8x	15,6x	-59,4x	148,9x	-3,1x	-3,6x
- Peer Group Median	13,8x	12,2x	17,3x	14,6x	20,6x	18,1x
Fair Value (EUR)	-0,97	-0,02	-3,98	-2,60	-3,17	-2,40

Source: FactSet, mwb research

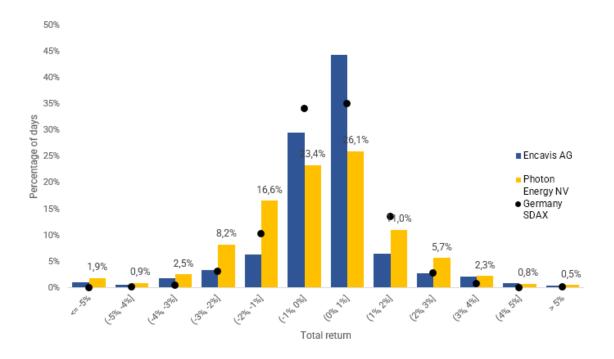




Risk

The chart displays the **distribution of daily returns of Photon Energy NV** over the last 3 years, compared to the same distribution for Encavis AG. We have also included the distribution for the index Germany SDAX. The distribution gives a better understanding of risk than measures like volatility, which assume that log returns are normally distributed. In reality, they are skewed (down moves are larger) and have fat tails (large moves occur more often than predicted). Also, volatility treats up and down moves the same, while investors are more worried about down moves. For Photon Energy NV, the worst day during the past 3 years was 19/11/2024 with a share price decline of -10.0%. The best day was 06/11/2025 when the share price increased by 9.9%.

Risk - Daily Returns Distribution (trailing 3 years)

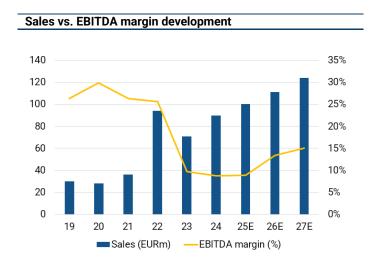


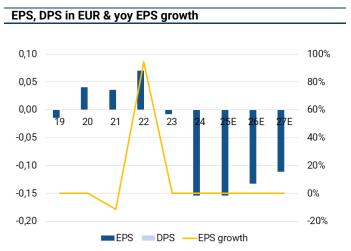
Source: FactSet, mwb research



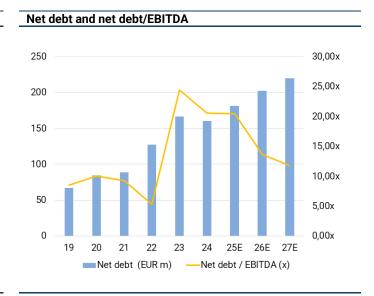


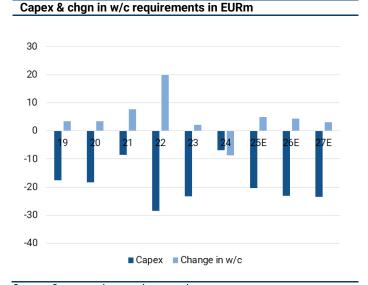
Financials in six charts

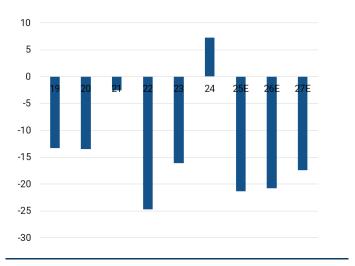




ROCE vs. WACC (pre tax) 10% 8% 6% 4% 2% 19 20 21 22 23 24 25E 26E 27E -2% -A% ROCE —WACC pre tax







Free Cash Flow in EURm





Financials

Profit and loss (EURm)	2022	2023	2024	2025E	2026E	2027E
Net sales	94.2	70.6	89.9	100.3	111.2	123.9
Sales growth	159.1%	-25.0%	27.3%	11.5%	10.9%	11.4%
Change in finished goods and work-in-process	0.0	0.0	0.0	0.0	0.0	0.0
Total sales	94.2	70.6	89.9	100.3	111.2	123.9
Material expenses	44.1	36.9	38.0	43.4	39.3	41.1
Gross profit	50.1	33.8	51.9	56.9	71.9	82.8
Other operating income	0.6	4.1	1.6	5.7	6.3	7.1
Personnel expenses	9.5	18.5	18.0	35.7	48.9	55.0
Other operating expenses	17.0	12.5	27.7	18.1	14.5	16.1
EBITDA	24.1	6.8	7.8	8.9	14.9	18.7
Depreciation	9.0	12.0	10.6	12.5	13.3	14.1
EBITA	15.1	-5.2	-2.8	-3.6	1.6	4.6
Amortisation of goodwill and intangible assets	0.6	0.0	0.0	0.0	0.0	0.0
EBIT	14.5	-5.2	-2.8	-3.6	1.6	4.6
Financial result	-8.3	-11.1	-11.1	-13.3	-17.9	-19.6
Recurring pretax income from continuing operations	6.2	-16.3	-13.8	-16.9	-16.3	-15.0
Extraordinary income/loss	0.0	0.0	0.0	0.0	0.0	0.0
Earnings before taxes	6.2	-16.3	-13.8	-16.9	-16.3	-15.0
Taxes	3.5	-0.6	-0.6	-0.8	-0.7	-0.7
Net income from continuing operations	2.8	-15.8	-13.2	-16.1	-15.6	-14.3
Result from discontinued operations (net of tax)	1.5	15.3	3.8	6.7	7.5	7.5
Net income	4.3	-0.5	-9.4	-9.4	-8.1	-6.8
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0
Net profit (reported)	4.3	-0.5	-9.4	-9.4	-8.1	-6.8
Average number of shares	61.24	61.24	61.24	61.24	61.24	61.24
EPS reported	0.07	-0.01	-0.15	-0.15	-0.13	-0.11

Profit and loss (common size)	2022	2023	2024	2025E	2026E	2027E
Net sales	100%	100%	100%	100%	100%	100%
Change in finished goods and work-in-process	0%	0%	0%	0%	0%	0%
Total sales	100%	100%	100%	100%	100%	100%
Material expenses	47%	52%	42%	43%	35%	33%
Gross profit	53%	48%	58%	57%	65%	67%
Other operating income	1%	6%	2%	6%	6%	6%
Personnel expenses	10%	26%	20%	36%	44%	44%
Other operating expenses	18%	18%	31%	18%	13%	13%
EBITDA	26%	10%	9%	9%	13%	15%
Depreciation	10%	17%	12%	12%	12%	11%
EBITA	16%	-7%	-3%	-4%	1%	4%
Amortisation of goodwill and intangible assets	1%	0%	0%	0%	0%	0%
EBIT	15%	-7%	-3%	-4%	1%	4%
Financial result	-9%	-16%	-12%	-13%	-16%	-16%
Recurring pretax income from continuing operations	7%	-23%	-15%	-17%	-15%	-12%
Extraordinary income/loss	0%	0%	0%	0%	0%	0%
Earnings before taxes	7%	-23%	-15%	-17%	-15%	-12%
Taxes	4%	-1%	-1%	-1%	-1%	-1%
Net income from continuing operations	3%	-22%	-15%	-16%	-14%	-12%
Result from discontinued operations (net of tax)	2%	22%	4%	7%	7%	6%
Net income	5%	-1%	-10%	-9%	-7%	-6%
Minority interest	0%	0%	0%	0%	0%	0%
Net profit (reported)	5%	-1%	-10%	-9%	-7%	-6%





Balance sheet (EURm)	2022	2023	2024	2025E	2026E	2027E
Intangible assets (exl. Goodwill)	13.0	8.1	10.6	10.6	10.6	10.6
Goodwill	0.0	15.3	15.3	15.3	15.3	15.3
Property, plant and equipment	145.3	177.5	164.4	172.3	182.1	191.4
Financial assets	12.8	24.2	26.6	26.6	26.6	26.6
FIXED ASSETS	171.2	225.0	216.9	224.8	234.6	243.9
Inventories	15.8	14.1	6.7	11.9	10.8	11.3
Accounts receivable	27.8	17.0	26.9	30.0	33.3	37.0
Other current assets	3.2	7.1	6.7	6.7	6.7	6.7
Liquid assets	21.4	13.0	14.4	8.4	7.6	10.1
Deferred taxes	0.0	0.0	0.0	0.0	0.0	0.0
Deferred charges and prepaid expenses	0.9	1.3	1.3	1.4	1.6	1.8
CURRENT ASSETS	69.1	52.4	55.9	58.4	59.9	66.9
TOTAL ASSETS	240.2	277.4	272.8	283.2	294.5	310.8
SHAREHOLDERS EQUITY	60.7	69.8	60.4	51.0	42.9	36.0
MINORITY INTEREST	-0.2	-0.3	-0.3	-0.3	-0.3	-0.3
Long-term debt	138.2	164.8	155.0	155.0	155.0	155.0
Provisions for pensions and similar obligations	0.0	0.6	0.5	0.6	0.7	0.7
Other provisions	12.0	13.0	12.1	13.0	14.5	16.1
Non-current liabilities	150.2	178.3	167.7	168.6	170.1	171.9
short-term liabilities to banks	10.4	15.0	19.7	35.0	55.0	75.0
	12.4	14.6	22.3	25.4	23.0	24.1
Advance payments received an orders	0.0	0.0	2.6	2.9	3.2	3.6
Advance payments received on orders Other liabilities (incl. from lease and rental contracts)	4.4	0.0	0.0	0.0	0.0	0.0
Other liabilities (incl. from lease and rental contracts) Deferred taxes	2.3	0.0	0.6	0.6	0.6	0.6
Deferred income	0.0	0.0	0.0	0.0	0.0	0.0
Current liabilities	29.5	29.6	45.1	63.9	81.8	103.2
TOTAL LIABILITIES AND SHAREHOLDERS EQUITY	240.2	277.4	272.8	283.2	294.5	310.8
Balance sheet (common size)	2022	2023	2024	2025E	2026E	2027E
Intangible assets (excl. Goodwill)	5%	3%	4%	4%	4%	3%
Goodwill	0%	6%	6%	5%	5%	5%
Property, plant and equipment	60%	64%	60%	61%	62%	62%
Financial assets	5%	9%	10%	9%	9%	9%
FIXED ASSETS	71%	81%	79%	79%	80%	78%
Inventories	7%	5%	2%	4%	4%	4%
Accounts receivable	12%	6%	10%	11%	11%	12%
Other current assets	1%	3%	2%	2%	2%	2%
Liquid assets	9%	5%	5%	3%	3%	3%
Deferred taxes	0%	0%	0%	0%	0%	0%
Deferred charges and prepaid expenses	0%	0%	0%	1%	1%	1%
CURRENT ASSETS	29%	19%	21%	21%	20%	22%
TOTAL ASSETS	100%	100%	100%	100%	100%	100%
SHAREHOLDERS EQUITY	25%	25%	22%	18%	15%	12%
*	-0%	-0%	-0%	-0%	-0%	-0%
MINORITY INTEREST	58%	59%	57%	55%	53%	50%
Long-term debt	0%					
Provisions for pensions and similar obligations	0% 5%	0% 5%	0% 4%	0% 5%	0% 5%	0% 5%
Other provisions Non-current liabilities	63%	64%			58%	55%
NON-CHITENT HANHITIES	0.3%	04%	61%	60%	58%	55%

4%

5%

0%

2%

1%

0%

12%

100%

5%

5%

0%

0%

0%

0%

11%

100%

7%

8%

1%

0%

0%

0%

17%

100%

12%

9%

1%

0%

0%

0%

23%

100%

Source: Company data; mwb research

Advance payments received on orders

Other liabilities (incl. from lease and rental contracts)

TOTAL LIABILITIES AND SHAREHOLDERS EQUITY

short-term liabilities to banks

Accounts payable

Deferred taxes

Deferred income

Current liabilities



19%

8%

1%

0%

0%

0%

28%

100%

24%

8%

1%

0%

0%

0%

33% 100%



Cash flow statement (EURm)	2022	2023	2024	2025E	2026E	2027E
Net profit/loss	6.2	-16.3	-9.4	-9.4	-8.1	-6.8
Depreciation of fixed assets (incl. leases)	8.9	11.9	10.6	12.5	13.3	14.1
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	0.7	0.0	0.0	0.0	0.0	0.0
Others	7.8	13.7	4.4	1.0	1.5	1.7
Cash flow from operations before changes in w/c	23.6	9.3	5.6	4.0	6.7	9.0
Increase/decrease in inventory	-13.4	5.9	7.3	-5.2	1.1	-0.5
Increase/decrease in accounts receivable	-10.9	1.5	-9.9	-3.1	-3.3	-3.8
Increase/decrease in accounts payable	5.0	-4.0	7.7	3.2	-2.4	1.1
Increase/decrease in other w/c positions	-0.5	-5.4	3.6	0.2	0.2	0.2
Increase/decrease in working capital	-19.9	-2.1	8.7	-4.9	-4.4	-3.0
Cash flow from operating activities	3.7	7.2	14.3	-0.9	2.3	6.0
CAPEX	-28.4	-23.3	-7.0	-20.4	-23.1	-23.4
Payments for acquisitions	-6.2	-3.4	-0.4	0.0	0.0	0.0
Financial investments	0.4	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.0	0.0	6.0	0.0	0.0	0.0
Cash flow from investing activities	-34.3	-26.7	-1.4	-20.4	-23.1	-23.4
Cash flow before financing	-30.6	-19.5	12.9	-21.3	-20.8	-17.5
Increase/decrease in debt position	18.0	14.1	-5.1	15.3	20.0	20.0
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	0.0	0.0	0.0	0.0	0.0	0.0
Dividends paid	0.0	0.0	0.0	0.0	0.0	0.0
Others	-8.7	0.0	-5.2	0.0	0.0	0.0
Effects of exchange rate changes on cash	0.0	0.0	0.0	0.0	0.0	0.0
Cash flow from financing activities	9.3	14.1	-10.3	15.3	20.0	20.0
Increase/decrease in liquid assets	-21.2	-5.4	2.5	-6.0	-0.8	2.5
Liquid assets at end of period	11.3	5.8	8.4	2.4	1.6	4.2

Regional sales split (EURm)	2022	2023	2024	2025E	2026E	2027E
Domestic	0.0	0.0	0.0	0.0	0.0	0.0
Europe (ex domestic)	89.1	68.9	89.9	100.3	111.2	123.9
The Americas	0.0	0.0	0.0	0.0	0.0	0.0
Asia	0.0	0.0	0.0	0.0	0.0	0.0
Rest of World	5.1	1.7	0.0	0.0	0.0	0.0
Total sales	94.2	70.6	89.9	100.3	111.2	123.9

Regional sales split (common size)	2022	2023	2024	2025E	2026E	2027E
Domestic	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Europe (ex domestic)	94.6%	97.6%	100.0%	100.0%	100.0%	100.0%
The Americas	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Asia	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Rest of World	5.4%	2.4%	0.0%	0.0%	0.0%	0.0%
Total sales	100%	100%	100%	100%	100%	100%
Source: Company data; mwb research						





Ratios	2022	2023	2024	2025E	2026E	2027E
Per share data						
Earnings per share reported	0.07	-0.01	-0.15	-0.15	-0.13	-0.11
Cash flow per share	-0.06	-0.04	0.10	-0.18	-0.14	-0.09
Book value per share	0.99	1.14	0.99	0.83	0.70	0.59
Dividend per share	0.00	0.00	0.00	0.00	0.00	0.00
Valuation						
P/E	6.8x	-63.4x	-3.1x	-3.1x	-3.6x	-4.3x
P/CF	-8.5x	-12.1x	5.0x	-2.7x	-3.5x	-5.5x
P/BV	0.5x	0.4x	0.5x	0.6x	0.7x	0.8x
Dividend yield (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
FCF yield (%)	-11.8%	-8.3%	20.0%	-37.4%	-28.7%	-18.3%
EV/Sales	1.7x	2.8x	2.1x	2.1x	2.1x	2.0x
EV/EBITDA	6.5x	28.8x	24.3x	23.8x	15.6x	13.4x
EV/EBIT	10.7x	-37.8x	-69.0x	-59.4x	148.9x	54.3x
Income statement (EURm)						
Sales	94.2	70.6	89.9	100.3	111.2	123.9
yoy chg in %	159.1%	-25.0%	27.3%	11.5%	10.9%	11.4%
Gross profit	50.1	33.8	51.9	56.9	71.9	82.8
Gross margin in %	53.1%	47.8%	57.8%	56.7%	64.7%	66.8%
EBITDA	24.1	6.8	7.8	8.9	14.9	18.7
EBITDA margin in %	25.5%	9.7%	8.7%	8.9%	13.4%	15.1%
EBIT	14.5	-5.2	-2.8	-3.6	1.6	4.6
EBIT margin in %	15.4%	-7.4%	-3.1%	-3.5%	1.4%	3.7%
Net profit	4.3	-0.5	-9.4	-9.4	-8.1	-6.8
Cash flow statement (EURm)						
CF from operations	3.7	7.2	14.3	-0.9	2.3	6.0
Capex	-28.4	-23.3	-7.0	-20.4	-23.1	-23.4
Maintenance Capex	7.2	9.6	8.5	10.0	10.7	11.3
Free cash flow	-24.7	-16.1	7.3	-21.3	-20.8	-17.5
Balance sheet (EURm)						
Intangible assets	13.0	23.3	25.9	25.9	25.9	25.9
Tangible assets	145.3	177.5	164.4	172.3	182.1	191.4
Shareholders' equity	60.7	69.8	60.4	51.0	42.9	36.0
Pension provisions	0.0	0.6	0.5	0.6	0.7	0.7
Liabilities and provisions	160.6	193.4	187.3	203.6	225.1	246.9
Net financial debt	127.3	166.8	160.3	181.6	202.4	219.9
w/c requirements	31.2	16.5	8.8	13.6	17.8	20.7
Ratios						
ROE	7.0%	-0.7%	-15.6%	-18.5%	-18.9%	-19.0%
ROCE	6.6%	-2.0%	-1.1%	-1.4%	0.6%	1.6%
Net gearing	209.6%	239.1%	265.4%	356.3%	472.2%	610.1%
Net debt / EBITDA	5.3x	24.4x	20.5x	20.4x	13.6x	11.8x





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