



Research Report (Update)



Growth from restructuring not yet triggered

-

Medium-term potential not impaired

Target Price: EUR 10.50 (before: EUR 12.10)

Rating: BUY

IMPORTANT NOTE:

Please take note of the disclaimer/risk warning, as well as the disclosure of potential conflicts of interest as required by section 34b of the Securities Trading Act (WpHG) on page 13

euromicron AG^{*5a,5b,11}

Rating: BUY

Target price: € 10.50

Current price: 7.16
16/8/2016 / ETR

Currency: EUR

Key Information:

ISIN: DE000A1K0300
WKN: A1K030
Ticker symbol: EUCA

Number of share³: 7.176

Marketcap³: 51.38
Enterprise Value³: 107.56
³ in mEUR

Free float: 100.00 %

Transparency Level:
Prime Standard

Market Segment:
Regulated Market

Accounting Standard:
IFRS

Financial Year: 31/12

Designated Sponsor:
EQUINET AG

Analysts:

Felix Gode, CFA
gode@gbc-ag.de

Cosmin Filker
filker@gbc-ag.de

* catalogue of potential conflicts of interests on page 14

Company Profile

Sector: Technology

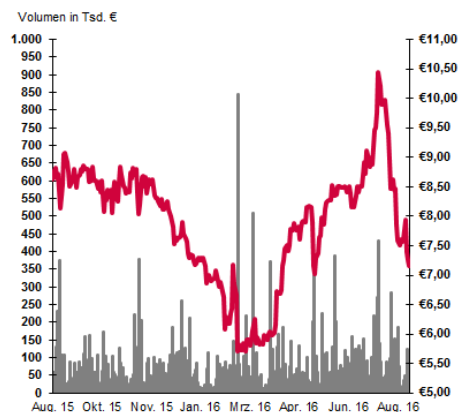
Focus: network and fibre optic cable technology

Employees: 1,825

Founded: 1998

Registered Office: Frankfurt am Main

Executive Board: Jürgen Hansjosten, Bettina Meyer



euromicron AG is a group that unites medium-sized high-tech companies from the fields of Digital Buildings, Critical Infrastructures and Smart Industry. As a German specialist for the Internet of Things, euromicron enables its customers from small and medium-sized enterprises (SMEs) and the public sector, as well as large companies, to network business and production processes and successfully move to a digital future. The companies in the euromicron Group are leading manufacturers of products and solutions "Made in Germany" from the fields of fiber-optic technology and network components. Backed by this manufacturing know-how and many years of experience in developing and integrating technologies, euromicron delivers customized solutions – from design and implementation, operation, to related services – and creates the IT structures required for that. euromicron's solutions enable users to increase the flexibility and efficiency of their business and production processes.

P&L in m€	31/12/2014	31/12/2015	31/12/2016e	31/12/2017e
Sales	346.34	344.89	338.41	354.73
EBITDA	21.15	6.92	7.09	17.44
EBIT	11.45	-8.65	-1.41	8.69
Net profit	2.58	-13.25	-4.26	3.81

Per Share Figures in €				
Earnings per share	0.36	-1.85	-0.59	0.53
Dividend per share	0.00	0.00	0.00	0.00

Key Figures				
EV/Sales	0.31	0.31	0.32	0.30
EV/EBITDA	5.09	15.53	15.17	6.17
EV/EBIT	9.39	-12.44	-76.29	12.38
P/E	19.91	-3.88	-12.06	13.49
P/B		0.53		

Financial Calendar

08/11/2016: Q3-report

****last research published by GBC:**

Date: publication/price target in €/Rating

04/04/2016: RS / 12.10 / BUY

19/10/2015: RG / 15.50 / BUY

18/08/2015: RS / 15.50 / BUY

02/02/2015: RG / 21.50 / BUY

08/12/2014: RG / 21.50 / BUY

** the research reports can be found on our web-side www.gbc-ag.de or can be requested at GBC AG, Halderstr. 27, D-86150 Augsburg

EXECUTIVE SUMMARY

- With sales revenues of €139.84 million, euromicron AG fell below the previous year's level by 10.8%. The *Smart Buildings* segment was primarily responsible for the decline. Sales performance remained subdued against the backdrop of the ongoing reorganisation of the largest subsidiary, euromicron Deutschland GmbH. In addition to strategic reasons, such as the rejection of risky large orders, a further reason for the modest sales performance was the continuation of legacy projects, which make a low or even negative contribution to profit. In the other two segments, the decline in sales was significantly more moderate. It should also be borne in mind that the discontinued operations contributed €6.31 million to sales in the previous year. Adjusted for these effects, organic sales declined by 7.1%.
- Sales performance was also reflected in the earnings figures. Consequently, EBITDA was reported at -€3.46 million, after €2.65 million in the previous year. Adjusted for one-off restructuring expenses, the decline was somewhat more moderate. Nevertheless, even after adjustments, negative EBITDA of -€1.69 million was recorded. The decline in earnings was generated exclusively in the *Smart Buildings* segment, with a decrease of €5.03 million to -€2.44 million. Increases in earnings were recorded in the other segments *Critical Infrastructures* and *Distribution*. Margins also increased year-on-year. The effects of the reorganisation are already clearly visible here and show the direction that euromicron AG can take after the reorganisation has been successfully completed.
- Of special note here is that the measures announced by management to increase profitability are being implemented. Breaking with its past, euromicron AG is now focused on profitable orders and earnings performance. Even though the realignment of the Group and the resulting charges are continuing longer than previously thought, we consider that the company is on the right track and initial successes can already be seen.
- Because of the weaker HY1 2016, the Executive Board of euromicron AG has adjusted its guidance for FY 2016 downwards. Although it is assumed that HY2 2016 will turn out to be significantly better, it is not expected that the losses will be completely offset, due in part to the postponement of orders in HY1 2016. Against this backdrop, we have lowered our forecasts for FY 2016 and now expect sales revenues of €338.41 million and an adjusted EBITDA of €10.59 million. This corresponds to an EBITDA margin of 3.1%. For the coming year, we expect an increase in the EBITDA margin to 4.9%.
- **Based on the lower forecasts for FY 2016 and 2017, we have also adjusted our target price for euromicron AG. After our previous target price of €12.10, we have now calculated a fair value of €10.50. Based on the current share price, this results in an unchanged BUY rating. In the medium term, we remain convinced that euromicron AG can again reach the margin target on an EBITDA basis of 8%-11%. We are also convinced that the reorganisation of the Group will provide a positive impetus on the sales and earnings side in the near future. Taking this into consideration, the euromicron AG share seems favourably valued.**

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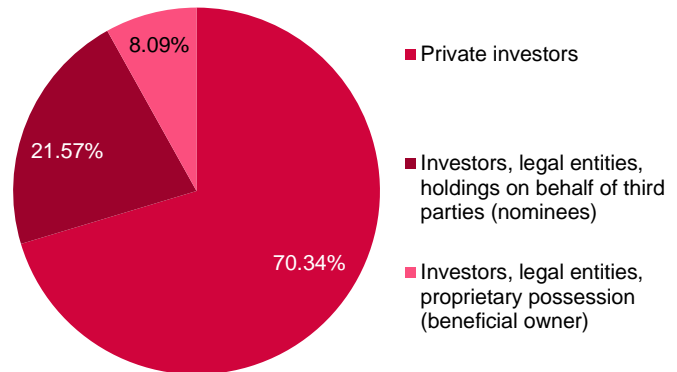
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COMPANY

Shareholder Structure

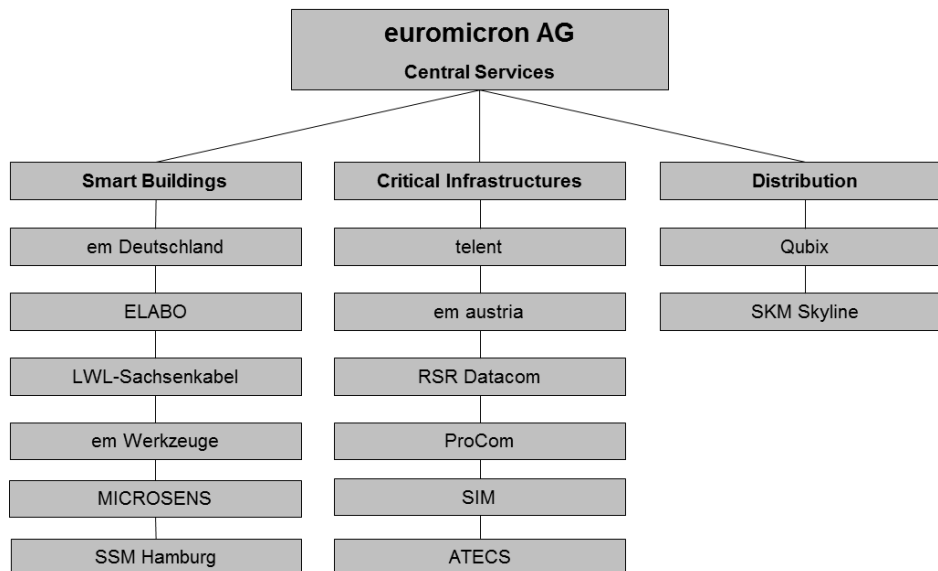
Shareholders in %	as of 30/06/2016
Private investors	70.34%
Investors, legal entities, holdings on behalf of third parties (nominees)	21.57%
Investors, legal entities, proprietary possession (beneficial owner)	8.09%
Total	100.00%

Source: euromicron, GBC



Group Structure

After the reorganisation, the euromicron Group now comprises the three reporting segments *Smart Buildings*, *Critical Infrastructures* and *Distribution*. The two systems houses euromicron Deutschland in the *Smart Buildings* segment and telent in the *Critical Infrastructures* segment are supplemented by various technology companies in order to be able to provide holistic solutions. euromicron AG differentiates itself from the competition through the combination of systems integration and technology expertise.



Source: euromicron

Business Development HY1 2016

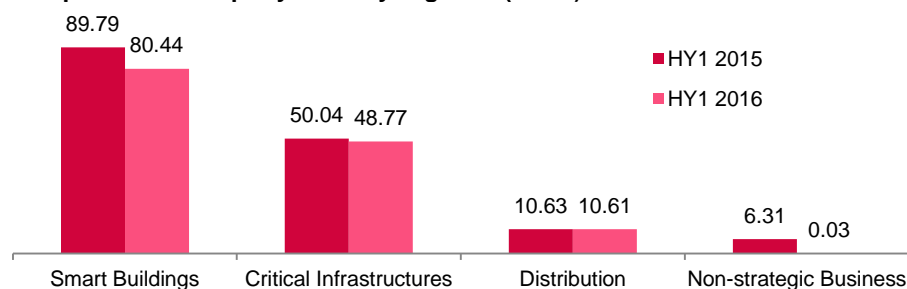
P&L (in m€)	HY1 2015	Delta Δ	HY1 2016
Sales	156.76	-10.8%	139.84
EBITDA (<i>margin</i>)	2.65 (1.7%)	n.A.	-3.46 (<i>neg.</i>)
EBIT (<i>margin</i>)	-2.01 (<i>neg.</i>)	n.A.	-7.63 (<i>neg.</i>)
Net profit	-3.08	n.A.	-9.12
EPS in €	-0.43	n.A.	-1.27

Source: euromicron AG, GBC

Development of Sales

HY1 2016 at euromicron AG continued to be sharply influenced by the reorganisation of the Group undertaken in the previous year. For example, the largest segment, *Smart Buildings*, in particular failed to meet expectations with a 10.4% decrease in sales to €80.44 million. Declines were considerably more moderate in the segments *Critical Infrastructures* and *Distribution*. Overall, sales declined by 10.8% compared to HY1 2015. However, it should also be noted that another €6.31 million was contributed in the previous year by the operations that have now been discontinued as a result of the realignment. Taking this into account, the organic decline was only 7.1%.

Development of third party sales by segment (in m€)



Source: euromicron, GBC

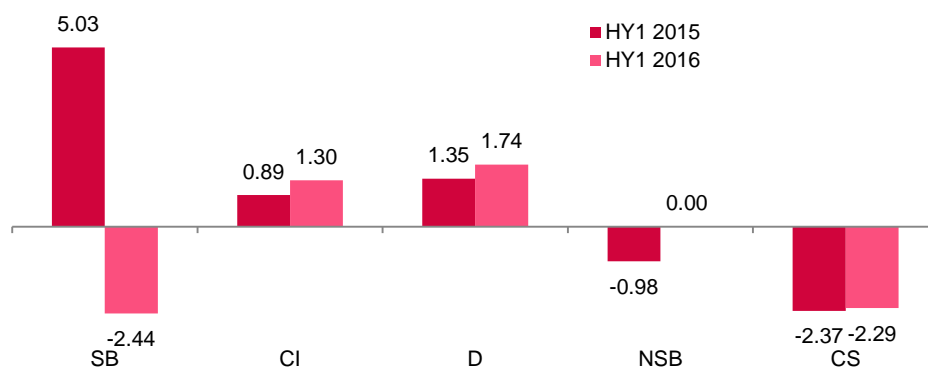
The relevant background to the decline in sales is the strategic realignment of the Group. For example, in the course of this realignment the sales function was realigned, with the result that high-risk major orders are being avoided, with a corresponding impact on sales. The processing of orders from previous years with low or even negative profit margins has also had an impact on sales. Although this has mainly acted as a drag on earnings, employees are also impeded to working on alternative projects with higher profit margins. Not least, the postponement of orders at the technology companies in the *Critical Infrastructures* segment also impacted sales. Here, however, recovery effects are expected in HY2 2016.

Overall, it can be noted that the sales performance of euromicron AG was not satisfactory in HY1 2016. However, it should also be stressed that the decline was strongly influenced by temporary effects at euromicron Deutschland GmbH. According to management, structural factors are not the reason for the sales performance in HY1 2016. Instead, on the product and supply side, euromicron AG is well placed to participate in the digitisation process, which has only just begun, although the realignment has acted as more of a drag over the short term than originally planned.

Development of Earnings

The realignment of the Group structure was also reflected in the earnings performance of euromicron AG. For example, the company's EBITDA declined from €2.65 million to -€3.46 million in the first six months of 2016. In accordance with the sales performance, the *Smart Buildings* segment was the primary trigger for this development. As illustrated in the sales performance, risky major orders were not accepted and legacy projects still had to be handled with low or negative profit margins, which also tied up capacity that otherwise could have been used for projects with higher margins. Both of these factors led to a reduction in profit margins, with the result that the operating EBITDA in this segment dropped from €5.03 million in the previous year to -€2.44 million.

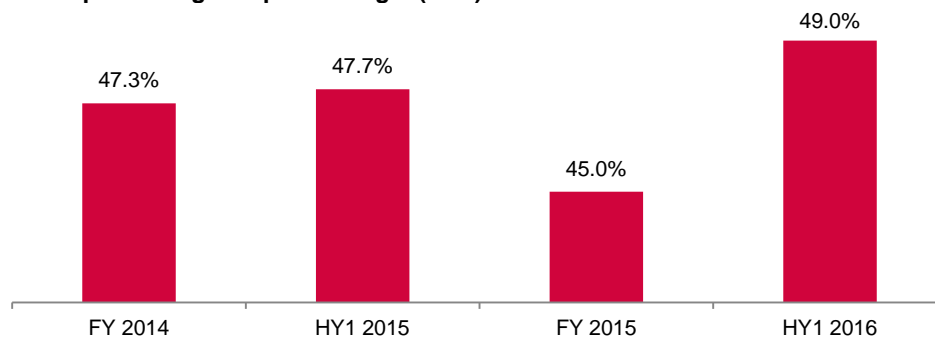
Development of adjusted EBITDA by segment (in m€)



Source: euromicron, GBC; SB=Smart Buildings, CI= Critical Infrastructures, D=Distribution, NSB=non-strategic business, CS=Central Services

In contrast, there was a positive development of profitability in the *Critical Infrastructures* and *Distribution* segments, both of which achieved increases over the previous year. Although the pace of growth was still not able to meet the requirements of management in these two segments, it is becoming clear that the measures taken in the past year have taken effect and that significant improvements in the margin are possible. For example, an increase in the EBITDA margin was achieved in the *Critical Infrastructures* segment, from 1.8% in the previous year to 2.7% in 2016. In *Distribution*, the EBITDA margin was 16.4%, compared to 12.7% in HY1 2015. A favourable product mix had a positive effect here.

Development of gross profit margin (in %)



Source: euromicron, GBC

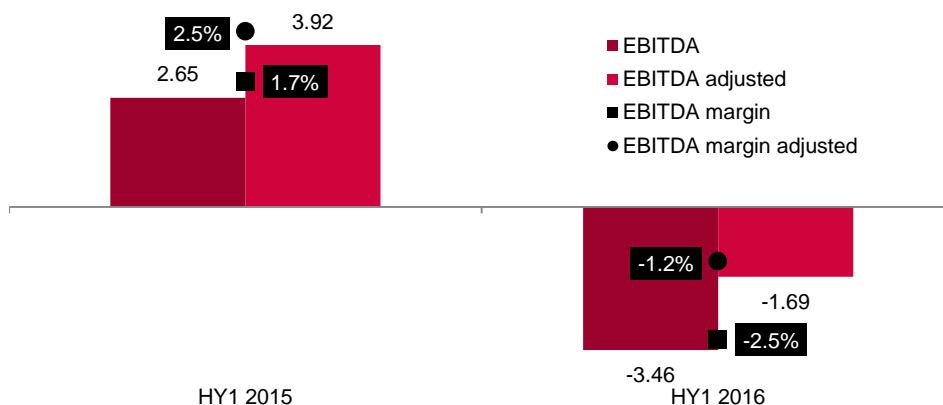
The first positive effects are also apparent when looking at the gross profit margin, which, at 49.0%, stood at a significantly higher level than in FY 2015. A significant increase is also apparent compared to HY1 2015 and FY 2014. The measures taken to improve profitability in the medium term should be reflected in these developments. Another reason for the improved gross profit margin is also likely to be the increasing

share of maintenance and service revenue, the effect of which is already beginning to be felt. The management of euromicron is planning an even more significant increase in this regard over the coming periods. The cost reductions undertaken in the *Central Services* segment also proved to be effective, with reduced holding company costs compared to the previous year.

Personnel expenses also ran counter to the increased gross margin in HY1 2016. While the headcount of 1,840 dropped to 1,803, targeted hires of highly qualified employees with expertise in the field of digitisation were made during the strategic realignment, which had a corresponding impact on expenses. Salary adjustments related to collective bargaining agreements also contributed to the increase in personnel expenses by 1.9% to €53.81 million.

Finally, in HY1 2016, extraordinary expenses were recorded against the backdrop of the realignment. These were primarily in connection with the streamlining and simplification of the Group structure, such as the consolidation of sites and the standardisation of IT systems. In total, these amounted to €1.77 million from January to June 2016. Adjusted for the extraordinary expenses, EBITDA improved in HY1 2016 to -€1.69 million, but was still in negative territory.

Illustration of adjusted EBITDA (in m€) and adjusted EBITDA margin (in %)



Source: euromicron, GBC

Overall, the earnings performance of euromicron AG was not satisfactory in HY1 2016. It should be noted that these costs were generated exclusively by the *Smart Buildings* segment and that the other segments recorded improved earnings. Particularly at euromicron Deutschland GmbH, which was formed through the merger of the regional system companies euromicron solutions GmbH and euromicron systems GmbH, it has become apparent that expenses related to the integration are greater than previously assumed. But, in our view, this should only be a temporary issue, so we do not expect that any additional costs will have to be borne in this connection in the near future.

Of special note here, in our view, is that the measures announced by management to increase profitability are being implemented. Breaking with its past, euromicron is now focused on profitable orders and is putting earnings performance ahead of sales. Even though the realignment of the Group and the resulting charges are continuing longer than previously thought, we consider that the company is on the right track and initial successes can already be seen.

SWOT-Analysis

Stärken	Schwächen
<ul style="list-style-type: none"> • Leading network specialist with a comprehensive branch network in Germany • Differentiating feature due to combination of expertise in systems integration and technology solutions • Crisis-resistant business model due to broad customer diversification • Well-positioned in the growing market for Smart Buildings, critical infrastructures and Industry 4.0 • Strategic repositioning and focusing is already bearing first fruits 	<ul style="list-style-type: none"> • Comparatively high level of goodwill in the balance sheet, which makes up around 40% of total assets • Traditionally high earnings contribution in the fourth quarter results in highly seasonal business development • Relatively high net debt • Since FY 2012, significantly lower margins than in previous years; however, improvement expected due to restructuring • Covenants for loans outstanding could not be met in case of missing the upper range of the guidance
Chancen	Risiken
<ul style="list-style-type: none"> • Strengthening of the product and solutions capability could positively influence margins • Better use of synergy effects between the subsidiaries could have a positive effect on the revenue and earnings situation. • The market for smart buildings and critical infrastructure is expected to grow at around 20% per year until 2024 • The special topic of the Internet of Things and Industry 4.0 is still at the start of its development and market penetration This could result in huge growth potential • euromicron AG could achieve an improved strategic position for projects due to an increased focus on products and thus increase its margins 	<ul style="list-style-type: none"> • The pace of growth in the Internet of Things segment could be slower than currently expected • Developments in the Internet of Things segment could take place in core areas other than those addressed by euromicron • euromicron AG could focus on products and solutions that are not accepted on the market to the extent expected and thus slow the pace of growth • The synergy leverage between the subsidiaries may not succeed to the extent planned and thus reduce the pace of growth and margin increase

Estimates and Model Assumptions

P&L (in m€)	FY2015	FY2016e (old)	FY2016e (new)	FY2017e (old)	FY2017e (new)
Sales	344.89	359.36	338.41	376.72	354.73
EBITDA (margin)	6.92 (2.0 %)	15.02 (4.2 %)	7.09 (2.1 %)	21.25 (5.6 %)	17.44 (4.9 %)
EBIT (margin)	-8.65 (-2.5 %)	6.02 (1.7 %)	-1.41 (-0.4 %)	12.25 (3.3 %)	8.69 (2.4 %)
Net profit	-13.25	1.76	-4.26	6.30	3.81
EPS in €	-1.85	0.25	-0.59	0.88	0.53

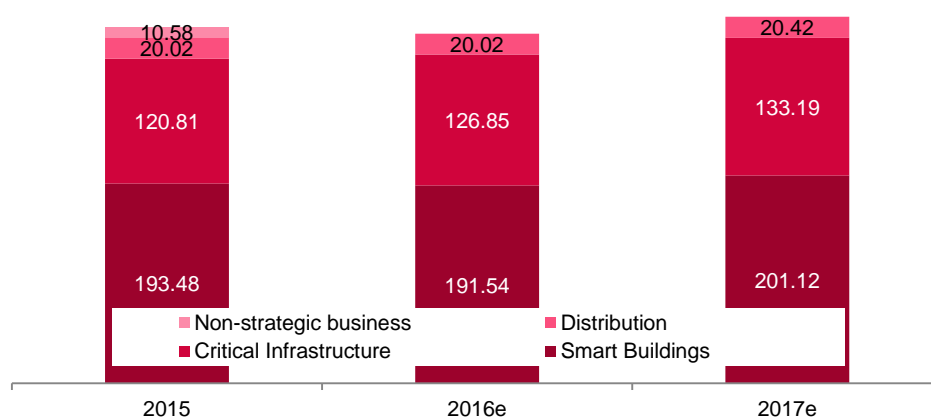
Source: GBC AG

Sales estimates

Against the backdrop of the weaker sales performance in HY1 2016, euromicron AG has lowered its guidance for FY 2016. While the previous assumption was sales in the range of €350–€370 million, the company is now planning on a range of €330–€350 million. It should be borne in mind that, based on its business model, HY2 will be significantly stronger than HY1 for euromicron. In particular, a large proportion of its revenue is generated in Q4. In addition, some orders have been postponed from HY1 2016 to HY2 2016, with the result that there should still be recovery effects during the rest of the year. However, the Executive Board does not anticipate that the current objectives can be achieved.

Our previous forecasts anticipated that the mid-range of the forecast range would be achieved. Our new forecast range, at €338.41 million, is also in the mid-range of the new guidance. We assume in particular that the deficit in the *Smart Buildings* segment will be caught up in HY2 2016, even though we don't expect that it will be possible to reach the previous year's sales of €193.48 million. To date we had assumed an increase of 9% in the largest segment of euromicron AG. We are also now planning with a slightly lower growth rate of 5% for the *Critical Infrastructures* segment. Before we have expected a growth rate of 6%. For the *Distribution* segment we expect a stable sales-development.

Expected development of sales by segments (in m€)



Source: GBC

For FY 2017, we still expect growth of 4.9%. The effects of the reorganisation of the Group should then have a positive impact and the reorganisation of the sales function should have a corresponding impact. Based on the lower expected starting point for 2016, however, our absolute sales forecast for 2017 is now correspondingly lower at €354.73 million.

Earnings estimates

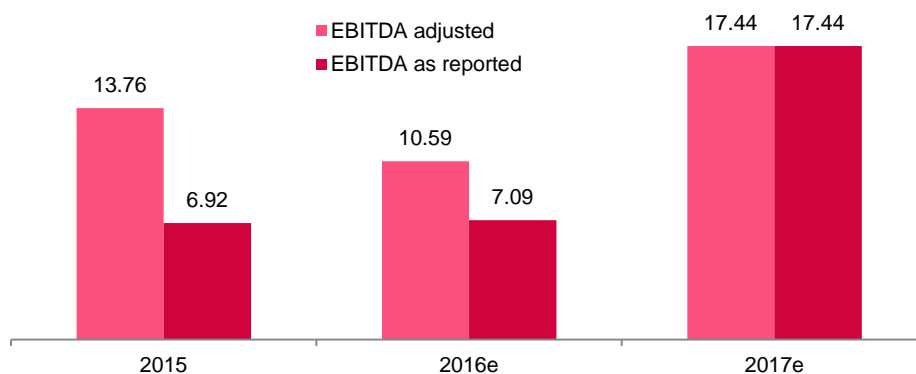
In view of the lower sales forecast, the earnings forecast has also been corrected. While an EBITDA margin of between 4.5% and 5.5% was previously expected, the range is now between 2% and 4%. In addition, the costs of the reorganization will not be between €2 million and €3 million as previously planned, but in the range between €3 million and €4 million. Accordingly, the EBITDA margin reported will range between 1% and 3%.

We now anticipate EBITDA of €7.09 million, which corresponds to an EBITDA margin of 2.1%. Taking into account the expected costs of the reorganisation, EBITDA should be €10.59 million, which is equivalent to an adjusted EBITDA margin of 3.1%.

In the following FY 2017, we expect a significant increase in earnings, which is likely to be facilitated by the absence of the extraordinary restructuring costs. The phasing out of unprofitable legacy projects later in the course of 2016 will also have a positive impact. With the release of the capacity tied up in these projects, it should be possible to process orders with significantly better margins.

In this respect, the correction of the expectations for 2016 does not change the estimate that a significant increase in EBITDA is to be expected in 2017. However, we have also reduced the absolute order of magnitude in line with the adjustment to sales. As a result, we now anticipate EBITDA of €17.44 million, which corresponds to an EBITDA margin of 4.9%. Previously we had allowed for an EBITDA margin of 5.6%.

Expected development of EBITDA as reported and adjusted EBITDA (in m€)



Source: GBC

On a positive note, it should be emphasized that the goals issued by the Executive Board for 2018 have not been revised. Instead, the management still consider that it will be possible to achieve an EBITDA margin of 8%–11% by 2018. Although the correction of the guidance for 2016 does make the targets seem more ambitious, we are convinced that euromicron AG can achieve significantly higher margin levels than previously after successful completion of the reorganisation and the greater realisation of synergies among the Group companies. The company has already shown in the past that double-digit EBITDA margins are possible. Within the new orientation, these levels should again be achievable.

VALUATION

Model assumptions

The euromicron AG has been valued using a three-phase DCF model. Starting from the specific estimates for the financial years 2016 to 2017 in phase 1, in the second phase from 2018 to 2023 forecasts are performed under the assumptions of value drivers. In the process, we have assumed constant sales growth rates of 3.0%. As a target EBITDA-margin, we assumed a level of 5.50% (before: 5.75%). In phase 2 a tax rate of was 30% is applied. Beyond the forecast horizon, a residual value was calculated using a perpetual annuity formula. For the final value we assume a growth rate of 2.0%.

Calculation of the Cost of Capital

The weighted average cost of capital (WACC) for euromicron AG is calculated on the basis of cost of equity and cost of debt. In order to determine the cost of equity, the fair market premium, the company beta and the risk-free interest rate need to be established.

The riskless interest rate is calculated based on the recommendations of the "Fach-ausschuss für Unternehmensbewertungen und Betriebswirtschaft (FAUB) of the IDW, and is derived from the yield curve of riskless bonds. The interest rates for zero bonds are based on the Svensson-method, published by the "Deutsche Bundesbank", and provide the basis for the calculation. Due to market fluctuations, we use smoothed average returns on a three-month basis, rounded to 0.25 basis points. **The current riskless interest rate in use amounts to 1.00% (before: 1.50%).**

We used the historic market premium of 5.50% as a suitable expectation of market premium. This is supported by historical analyses of stock market yields. The market premium reflects the percentage of the expected excess return of the stock market over the low-risk government bonds.

Using the GBC estimation method there currently a beta of 1.79 is applied.

Applying these assumptions we can calculate a cost of equity of 10.8% (before: 11.3%) (beta multiplied by the risk premium, plus risk-free interest rate). As we assume a long-term weight of equity of 55%, the weighted average cost of capital (WACC) is 7.7% (before: 8.4%).

Valuation Result

Discounting of future cash flows was carried out using the entity approach. We calculated the relevant costs of capital (WACC) at 7.7%. The lower WACC compared to our last report stems from the lowered risk free rate to 1.0% as well as a lowered target equity weight from 60% to 55%.

The resulting fair value per share by the end of the FY2016 corresponds to a target price of €10.50. The previous fair value per share of €12.10 therewith was slightly reduced. Despite the lower WACC this results from a reduction of the expectations for the financial years 2016 and 2017, as well as a lowered target EBITDA margin from 5.75% to 5.50%. Should it become visible that euromicron AG will be able to reach the target EBITDA-margins of 8-11% significantly higher fair values per share would be warranted.

DCF-Model

euromicron AG - Discounted Cashflow (DCF) model

Value driver used in the DCF-model's estimate phase:

consistency - phase		final - phase	
Sales growth	3.0%	Perpetual growth rate	2.0%
EBITDA-margin	5.5%	Perpetual EBITA margin	3.7%
Depreciation on fixed assets	6.0%	Effective tax rate in terminal value	30.0%
Working capital to sales	15.0%		

Three-phase DCF - model:

phase in mEUR	estimate		consistency						final TV
	FY16e	FY17e	FY18e	FY19e	FY20e	FY21e	FY22e	FY23e	
Sales	338.41	354.73	365.37	376.33	387.62	399.25	411.23	423.57	
<i>Sales change</i>	-1.9%	4.8%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	2.0%
<i>Sales to fixed assets</i>	2.41	2.57	2.68	2.79	2.91	3.03	3.16	3.28	
EBITDA	7.09	17.44	20.10	20.70	21.32	21.96	22.62	23.30	
<i>EBITDA-margin</i>	2.1%	4.9%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	
EBITA	-1.41	8.69	11.80	12.51	13.23	13.97	14.71	15.48	
<i>EBITA-margin</i>	-0.4%	2.4%	3.2%	3.3%	3.4%	3.5%	3.6%	3.7%	3.7%
Taxes on EBITA	0.42	-2.61	-3.54	-3.75	-3.97	-4.19	-4.41	-4.64	
<i>Tax rate</i>	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
EBI (NOPLAT)	-0.99	6.08	8.26	8.76	9.26	9.78	10.30	10.83	
Return on Capital	-0.5%	3.1%	4.3%	4.6%	4.8%	5.1%	5.4%	5.6%	5.8%
Working Capital (WC)	55.72	53.26	54.81	56.45	58.14	59.89	61.68	63.53	
<i>WC to sales</i>	16.5%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	
<i>Investment in WC</i>	3.95	2.46	-1.55	-1.64	-1.69	-1.74	-1.80	-1.85	
Operating fixed assets (OFA)	140.54	138.29	136.49	134.80	133.21	131.72	130.32	129.00	
<i>Depreciation on OFA</i>	-8.50	-8.75	-8.30	-8.19	-8.09	-7.99	-7.90	-7.82	
<i>Depreciation to OFA</i>	6.0%	6.3%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	
CAPEX	-7.99	-6.50	-6.50	-6.50	-6.50	-6.50	-6.50	-6.50	
Capital Employed	196.26	191.54	191.30	191.25	191.36	191.61	192.00	192.53	
EBITDA	7.09	17.44	20.10	20.70	21.32	21.96	22.62	23.30	
Taxes on EBITA	0.42	-2.61	-3.54	-3.75	-3.97	-4.19	-4.41	-4.64	
Total Investment	-4.04	-4.04	-8.05	-8.14	-8.19	-8.24	-8.30	-8.35	
<i>Investment in OFA</i>	-7.99	-6.50	-6.50	-6.50	-6.50	-6.50	-6.50	-6.50	
<i>Investment in WC</i>	3.95	2.46	-1.55	-1.64	-1.69	-1.74	-1.80	-1.85	
<i>Investment in Goodwill</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Free Cashflows	3.47	10.80	8.51	8.80	9.16	9.52	9.91	10.30	127.81

Value operating business (due date)	126.10	125.05
<i>Net present value explicit FCF</i>	50.21	43.29
<i>Net present value Terminal Value</i>	75.89	81.76
Net debt	56.81	49.26
Value of equity	69.29	75.79
Minority interests	-0.43	-0.47
Value of share capital	68.86	75.32
Shares outstanding in million	7.18	7.18
Fair value per share in EUR	9.60	10.50

Cost of Capital:

<i>Risk free rate</i>	1.0%
<i>Market risk premium</i>	5.5%
<i>Beta</i>	1.79
Cost of equity	10.8%
<i>Target weight</i>	55.0%
Cost of debt	5.0%
<i>Target weight</i>	45.0%
Taxshield	21.0%
WACC	7.7%

Return on Capital	WACC				
	7.1%	7.4%	7.7%	8.0%	8.3%
5.3%	10.53	9.72	9.00	8.35	7.77
5.6%	11.40	10.52	9.75	9.05	8.42
5.8%	12.26	11.33	10.50	9.75	9.08
6.1%	13.13	12.13	11.24	10.45	9.73
6.3%	13.99	12.93	11.99	11.15	10.39

ANNEX

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The analysts responsible for this analysis are:

Felix Gode, CFA, Dipl. Wirtschaftsjurist (FH), Vice Chief Financial Analyst
Cosmin Filker, Dipl. Betriebswirt (FH), Financial Analyst

Other person involved:

Jörg Grunwald, Chairman

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GBC AG
Halderstraße 27
D 86150 Augsburg
Tel.: 0821/24 11 33-0
Fax.: 0821/24 11 33-30
Internet: <http://www.gbc-ag.de>

E-Mail: compliance@gbc-ag.de



GBC AG[®]
- RESEARCH & INVESTMENT ANALYSEN -

GBC AG
Halderstraße 27
86150 Augsburg
Internet: <http://www.gbc-ag.de>
Fax: ++49 (0)821/241133-30
Tel.: ++49 (0)821/241133-0
Email: office@gbc-ag.de