ADVA Optical Networking SE

Germany / Technology Frankfurt Bloomberg: ADV GR ISIN: DE0005103006

Q1 2021 results

BUY
€ 13.00
29.5%
High

RECORD Q1 SALES, PROFITABILITY, ORDERS AND CASH GENERATION

ADVA's Q1/21 sales climbed 8.9% to €144.5m (FBe: €145.5m; Q1/20: €132.7m) while proforma EBIT came in at €12.9m (FBe: €10.9m; Q1/20 €-1.7m). ADVA has never recorded higher sales, profitability, order intake and cash generation during the first guarter of its financial year. In Q1/21, the company continued to benefit from the increased pace of digitisation due to the pandemic as well as the ongoing shift in the sales mix towards higher margin products/customers and software and services. In Q1/21 software and services accounted for 26% of sales, up from 20% in FY2019. ADVA thus appears to be well on track to grow this contribution to the 30%targeted for 2023. ADVA sees the outlook for the current guarter as "very good". Full-year 2021 guidance given at the end of February was for sales of €580m-€610m and a proforma EBIT margin of 6%-9%. ADVA do not expect possible delivery delays stemming from the current semiconductor shortage to jeopardise the achievement of the full-year sales target which remains unchanged. In the Q1 report management raised the upper end of proforma EBIT margin guidance to 10% while the lower end of the range is unchanged at 6%. In our view this reflects on the one hand a faster than expected shift towards a higher margin product mix and on the other uncertainty as to the cost impact of the semiconductor shortage. Notwithstanding the semiconductor shortage, which we expect to be of relatively short duration, we continue to model a sales CAGR of 9.7% over the five year period to end 2025 driven in large part by increasing network edge investment on ADVA's carrier/NFV (network functions virtualisation) and network synchronisation technology segments (ca. 30% of 2020 sales). ADVA's margins are higher in these segments than in optical networking (ca. 70% of 2020 sales). We expect their faster growth to widen ADVA's proforma operating margin from 6.0% in 2020 to 10.1% in 2025. We expect to raise this figure once ADVA has demonstrated it can successfully negotiate the semiconductor shortage. We have raised the price target to €13.00 (previously: €12.50) to reflect a reduction in our tax charge forecasts. We maintain our Buy recommendation. (p.t.o.)

FINANCIAL HISTORY & PROJECTIONS

· ·	2017	2018	2019	2020	2021E	2022E
Revenue (€m)	514.47	501.98	556.82	564.96	595.00	675.21
Y-o-y growth	-9.2%	-2.4%	10.9%	1.5%	5.3%	13.5%
EBIT (€m)	4.40	14.99	12.00	27.47	42.36	51.24
EBIT margin	0.9%	3.0%	2.2%	4.9%	7.1%	7.6%
Net income (€m)	-4.23	9.68	7.05	20.31	36.13	39.40
EPS (diluted) (€)	-0.09	0.19	0.14	0.40	0.71	0.78
DPS (€)	0.00	0.00	0.00	0.00	0.00	0.00
FCF (€m)	-27.44	12.09	6.42	38.76	42.80	30.77
Net gearing	19.4%	13.2%	26.9%	13.0%	-2.9%	-11.8%
Liquid assets (€m)	58.38	62.65	54.26	64.88	93.42	101.28

RISKS

Risks include but are not limited to: the impact of the covid-19-induced recession on customer investment behaviour, currency risk (particularly USD appreciation/GBP depreciation).

COMPANY PROFILE

ADVA develops, manufactures, and sells optical networking solutions to deliver data, storage, voice, and video services. To date, the company's networking solutions have been deployed in more than 10,000 enterprises and more than 300 carrier networks around the world. Founded in 1994 and headquartered in Munich, Germany, ADVA had 1,879 employees at the end of March 2021.

MARKET DA	As of 2	6 Apr 2021	
Closing Price		€ 10.04	
Shares outstan	ding		50.50m
Market Capitalis	sation	€	506.99m
52-week Range	;	€ 5.4	9 / 10.24
Avg. Volume (1		119,928	
Multiples	2020	2021E	2022E
P/E	25.0	14.1	12.9
EV/Sales	0.9	0.9	0.8
L V/Jaies	0.9	0.5	0.0
EV/EBIT	19.2	12.4	10.3

STOCK OVERVIEW



COMPANY DATA	As of 31 Mar 2021
Liquid Assets	€ 79.06m
Current Assets	€ 271.43m
Intangible Assets	€ 186.83m
Total Assets	€ 524.27m
Current Liabilities	€ 138.76m
Shareholders' Equity	€ 279.64m

SHAREHOLDERS

EGORA Group	15.0%
Teleios Capital Partners GmbH	9.6%
Janus Henderson Group PLC	3.3%
Dimensional Fund Advisors LP	3.2%
Free float and other	69.0%

€000's	Q2/21E	Q2/20A	Δ %	Q1/21A	Q1/21E	Δ %	Q1/20A	Δ %
Sales	150,100	145,024	3.5%	144,473	145,500	-0.7%	132,686	8.9%
Proforma gross profit	54,486	50,204	8.5%	55,345	51,362	7.8%	42,275	30.9%
margin (%)	36.3%	34.6%	-	38.3%	35.3%	-	31.9%	-
Proforma selling/mkting expenses	-15,010	-14,124	-	-15,071	-13,677	-	-16,597	-
% sales	-10.0%	-9.7%	-	-10.4%	-9.4%	-	-12.5%	-
Proforma G&A expenses	-9,456	-8,370	-	-8,458	-9,312	-	-8,459	-
% sales	-6.3%	-5.8%	-	-5.9%	-6.4%	-	-6.4%	-
Proforma net R&D expenses	-18,762	-18,029	-	-19,622	-18,188	-	-18,878	-
% sales	-12.5%	-12.4%	-	-13.6%	-12.5%	-	-14.2%	-
Other op. income and expenses	750	426	76.2%	666	728	-8.5%	-12	n.a.
% sales	0.5%	0.3%	-	0.5%	0.5%	-	0.0%	-
Proforma EBIT	12,008	10,107	18.8%	12,860	10,913	17.8%	-1,671	n.a.
margin (%)	8.0%	7.0%	-	8.9%	7.5%	-	-1.3%	-
Reported EBIT	10,505	8,658	21.3%	11,573	9,409	23.0%	-4,038	n.a.
margin (%)	7.0%	6.0%	-	8.0%	6.5%	-	-3.0%	-

Figure 1: Q2/21E forecast and Q1/21 results

Source: ADVA Optical Networking SE; First Berlin Equity Research estimates

Q1/21 proforma EBIT margin of 8.9% toward top end of 7-9% guidance range Q1/21 guidance given with the FY2020 numbers at the end of February was for revenue of \leq 143m- \leq 148m and a proforma EBIT margin of 7%-9%. The reported Q1 sales figure is slightly below the mid-point of guidance but the proforma EBIT number at 8.9% is towards the top end of the range.

EMEA sales up 47.4% y-o-y in Q1/21 As figure 2 below shows, from a geographic perspective the 8.9% increase in Q1/21 group sales was driven by the EMEA region where sales jumped 47.4% y-o-y. The increase was attributable to higher business volume with network operators, private enterprises and government agencies. In the Americas sales fell 33.4%. The weakening of the USDEUR exchange rate from 0.91 to 0.83 contributed to this development. ADVA also noted "some temporary softness with a few accounts due to more aggressive inventory management and the adoption of next generation equipment." ADVA's revenues in the Americas are generally more volatile than in EMEA. However, management notes a strong surge in the order intake from the Americas since the beginning of the year which suggests that regional sales will return to growth in the near term. Revenue from the Asia Pacific region was stable.

€ 000's	Q1/20	Q2/20	Q3/20	Q4/20	FY/20	Q1/21
Europe, Middle East and Africa	65,300	77,200	79,400	86,900	308,800	96,200
y-o-y change (%)	-4.4%	8.1%	2.1%	6.6%	3.3%	47.4%
sequential change (%)	-19.9%	18.2%	2.8%	9.4%	3.3%	10.7%
Americas	55,500	54,700	52,400	39,000	201,600	36,700
y-o-y change (%)	14.9%	5.0%	-5.8%	-32.5%	-5.7%	-33.9%
sequential change (%)	-4.0%	-1.4%	-4.2%	-1.5%	-5.7%	-5.9%
Asia Pacific	11,900	13,200	14,800	14,700	54,600	11,600
y-o-y change (%)	2.6%	36.1%	35.8%	24.6%	24.1%	-2.9%
sequential change (%)	0.8%	10.9%	12.1%	-0.7%	24.1%	-21.4%
Total	132,700	145,100	146,600	140,600	565,000	144,500
y-o-y change (%)	3.5%	8.9%	1.6%	-6.9%	1.5%	8.9%
sequential change (%)	-12.2%	9.3%	1.0%	-4.1%	1.5%	2.8%

Figure 2: Geographic sales breakdown

Source: ADVA Optical Networking SE

Software and services accounted for 26% of Q1/21 sales – up from 20% in FY2019 The Q1/20 gross margin of 31.9% was adversely affected by pandemic-related supply chain problems but the Q1/21 gross margin of 38.3% was a record for the first quarter of ADVA's financial year. Apart from the easing of supply chain constraints, the improvement in profitability stemmed from the ongoing shift in the sales mix towards higher margin products/customers and software and services. In general sales to private enterprises and government agencies are more profitable than sales to network operators while sales of software and services also generate relatively high margins. In Q1/21 sales to private enterprises and government agencies in EMEA outpaced the region's overall 47.4% growth while sales in the Americas region are more heavily weighted to network operators. Software and services accounted for 26% of Q1/21 sales, up from 23% in FY2020 and 20% in FY2019.

Total operating costs fell 3.3% y-o-y to \leq 42.5m (Q1/20: \leq 43.9m) despite an 8.9% increase in sales. The proforma operating margin widened from -1.3% to 8.9%. The biggest contributors to the decline were a \leq 1.5m reduction in sales and marketing costs due mainly to lower travel expenses, and a \leq 0.7m increase in net other operating income.

Net gearing including leasing liabilities down sharply at 7.0% (Q1/20: 30.4%) Improved profitability meant that Q1/21 operating cashflow jumped 142% to €27.4m (Q1/20: €11.3m) despite working capital cash consumption of €2.9m (Q1/20: a contribution of €0.2m). Net cash used for investing activities fell to €12.3m (Q1/20:€17.5m) due mainly to lower investments in intangible assets. Net debt including lease liabilities was €19.5m at the end of Q1/21 (Q1/20: €75.8m) and net gearing including lease liabilities was 7.0% (Q1/20: 30.4%).

Multiple medium term sales growth and margin expansion drivers The advent of the Internet of Things, 5G mobile telephony and fibre deep initiatives are ending the dominance of centralised cloud computing and driving a wave of investment at the network edge. ADVA is very well placed to benefit having made timely investments in the requisite technology in the form of both acquisition activity and R&D spending. Meanwhile, security concerns are increasingly causing customers to shun Huawei, thereby creating further opportunities for ADVA. ADVA's recent presentation materials, including those from the capital markets day of 23 March feature a greater degree of transparency on the drivers of future growth than presentations during calendar 2020 which were more strongly focused on the response to the pandemic. We have summarised the major sales growth and margin expansion drivers identified by ADVA below.

- Sales share of software and services business to rise from 20% in 2020 to 30% in 2023
- Sales share of aggregation devices to rise from ca. 2% in 2020 to 15% by 2025
- Accelerating traction in growth verticals to raise share of higher-margin sales with non-communication service provider customers from 30% in 2020 to 40% by 2023
- 5G roll-out to drive rapid growth in ADVA's marketing leading network synchronisation business area (ca. 5% of 2020 sales).
- Market share gains from Huawei.

ADVA's higher margin software and services business climbed from below 20% to 23% of sales during the course of 2020 and reached 26% of sales in Q1/21. Management expect it to account for 30% of the total in 2023 with the Ensemble edge networking software suite as an important growth driver.

Aggregation devices such as the MicroMux/NanoMux product families accounted for around 2% of sales in 2020. ADVA are targeting 15% of sales within five years as these devices cater to a largely unserved niche market - namely smooth upgrades to legacy infrastructure within tight space and cost constraints. The average gross margin on these products is likely to be well above the 2020 group proforma figure of 35.2%. ADVA's development of new products in this area should also furnish it with components it previously sourced externally – thereby boosting margins further.

ADVA is also seeing accelerating traction in verticals including energy, government and OEMs. Business with the first two customer groups is benefitting from the increasing priority accorded to network security amid rising geopolitical tensions. Meanwhile, OEMs such as switching and routing manufacturers are likely to be customers for ADVA's expanded range of aggregation devices. Communications service providers accounted for ca. 70% of ADVA's sales in 2020. Business with this customer group is generally lower margin than with non-communications service providers. Management expect rapidly growing business with the above-mentioned verticals to boost the share of group sales made to non-communications service provider customers from 30% in 2020 to 40% by 2023.

Network synchronisation which accounted for 5% of 2020 sales, is ADVA's most profitable business area. Management has not given a % of sales target for this segment, but growth is likely to be brisk given its clear market leading position and the importance of synchronisation in 5G networks.

During the capital markets day in March, ADVA's management quantified the Huawei market opportunity over the next 24 months at €150m-€200m in EMEA and at 10's of USDm in the Americas.

Price target raised from €12.50 to €13.00. Buy Recommendation maintained Notwithstanding the semiconductor shortage, which we expect to be of relatively short duration, we continue to model a sales CAGR of 9.7% and a widening of the proforma operating margin to 10.1% over the five year period to end 2025. The upper end of ADVA's 2021 margin guidance is as high as 10.0%, which given the Q1 figure of 8.9% does not look unachievable. We expect to raise our 2025 margin forecast once ADVA has demonstrated it can successfully negotiate the semiconductor shortage. The Q1 analysts' conference call included guidance on 2021 and medium term tax rates. On the basis of utilisation of tax loss carry-forwards management expect the 2021 tax rate to come in at 10% and the medium term tax rate to be ca. 20% (we had previously assumed 25% for the period 2021-2026). Reduced tax charge assumptions are the main reason for the increase in our price target from €12.50 to €13.00. Our forecasts are otherwiselargely unchanged. We maintain our Buy recommendation.

€000's		2021E			2022E				
	New	Old	Δ %	New	Old	Δ %			
Sales	595,000	595,000	0.0%	675,205	675,205	0.0%			
Proforma gross profit	216,169	216,169	0.0%	253,202	253,202	0.0%			
margin (%)	36.3%	36.3%	-	37.5%	37.5%	-			
Proforma sales & mkting	-58,772	-58,772	-	-77,649	-77,649	-			
% sales	-9.9%	-9.9%	-	-11.5%	-11.5%	-			
Proforma G&A	-36,626	-37,626	-	-41,863	-41,863	-			
% sales	-6.2%	-6.3%	-	-6.2%	-6.2%	-			
Proforma net R&D	-75,375	-74,375	-	-78,999	-78,999	-			
% sales	-12.7%	-12.5%	-	-11.7%	-11.7%	-			
Other operating income	2,975	2,975	0.0%	3,376	3,376	0.0%			
% sales	0.5%	0.5%	-	0.5%	0.5%	-			
Proforma EBIT	48,371	48,371	0.0%	58,068	58,068	0.0%			
margin (%)	8.1%	8.1%	-	8.6%	8.6%	-			
Reported EBIT	42,359	42,359	0.0%	51,245	51,245	0.0%			
margin (%)	7.1%	7.1%	-	7.6%	7.6%				
Net profit	36,134	29,905	20.8%	39,399	37,594	4.8%			
margin (%)	6.1%	5.0%	-	5.8%	5.6%	-			
EPS (€)	0.71	0.59	20.6%	0.78	0.74	4.9%			

Figure 3: Changes to our forecasts

Source: First Berlin Equity Research estimates

VALUATION MODEL

DCF valuation model										
All figures in EUR '000			2021E	2022E	2023E	2024E	2025E	2026E	2027E	2028E
Net sales			595,000	675,205	743,131	816,285	897,421	981,641	1,065,457	1,146,738
NOPLAT			39,250	41,869	56,592	65,544	72,058	78,821	85,551	92,077
+ depreciation & amortisation			-66,146	-69,384	-70,575	-77,351	-85,040	-93,020	-100,963	-108,665
Net operating cash flow			105,396	111,254	127,167	142,895	157,098	171,841	186,514	200,742
- total investments (CAPEX and WC)			-60,734	-79,432	-83,502	-93,813	-103,432	-112,445	-117,551	-124,691
Capital expenditures			-58,260	-68,721	-74,430	-81,594	-89,660	-97,746	-105,603	-113,104
Working capital			-2,474	-10,712	-9,072	-12,219	-13,772	-14,698	-11,948	-11,587
Free cash flows (FCF)			44,662	31,821	43,665	49,081	53,666	59,396	68,962	76,051
PV of FCF's			41,862	27,115	33,826	34,566	34,360	34,572	36,492	36,586
All figures in thousands										
PV of FCFs in explicit period (2021E-2035E)	446,284									
PV of FCFs in terminal period	218,001									
Enterprise value (EV)	664,285									
+ Net cash / - net debt	-19,450									
+ PV cash proceeds of future option exercise	75,884									
Shareholder value	720,719									
Current shares outstanding	50,497									
+ PV no shares issued against future option exercise	4,960									
Proforma no shares	55,457									
Fair value per share in EUR	13.00									
						Terminal	growth rate			
WACC	10.0%			1.5%	2.0%	2.5%	3.0%	3.5%	4.0%	4.5%
Cost of equity	13.0%		6.00%	23.74	24.63	25.78	27.31	29.45	32.67	38.03
Pre-tax cost of debt	1.5%		7.00%	19.52	19.95	20.47	21.13	21.97	23.09	24.66
Tax rate	30.0%	g	8.00%	16.60	16.82	17.07	17.37	17.74	18.20	18.80
After-tax cost of debt	1.1%	IACC	9.00%	14.46	14.57	14.69	14.83	15.00	15.21	15.45
Share of equity capital	75.0%	X	10.00%	12.82	12.87	12.93	13.00	13.07	13.16	13.26
Share of debt capital	25.0%		11.00%	11.53	11.55	11.57	11.60	11.63	11.66	11.70
			12.00%	10.49	10.49	10.49	10.50	10.50	10.51	10.51
Fair value per share in EUR	13.00		13.00%	9.63	9.62	9.61	9.61	9.60	9.59	9.58

* for layout purposes the model shows numbers only to 2028, but runs until 2035

INCOME STATEMENT

All figures in EUR '000	2017A	2018A	2019A	2020A	2021E	2022E
Revenues	514,471	501,981	556,821	564,958	595,000	675,205
Cost of goods sold	-348,251	-320,253	-365,908	-368,416	-381,519	-425,054
Gross profit	166,220	181,728	190,913	196,542	213,481	250,151
Sales and marketing expenses	-62,889	-63,569	-72,828	-60,803	-61,448	-80,686
General and administrative expenses	-36,260	-35,024	-35,126	-35,897	-36,831	-42,096
Research and development expenses	-69,037	-76,588	-75,186	-74,997	-75,817	-79,501
Net other operating income	6,369	8,442	4,230	2,628	2,975	3,376
Operating income (EBIT)	4,403	14,989	12,003	27,473	42,359	51,245
Net interest income/(expense)	-785	-1,408	-2,304	-2,607	-2,070	-1,320
Other financial gains and losses, net	-3,809	-1,096	-770	-47	0	0
Pre-tax income (EBT)	-191	12,485	8,929	24,819	40,288	49,925
Income taxes	-4,037	-2,807	-1,884	-4,505	-4,154	-10,526
Minority interests	0	0	0	0	0	0
Net income / loss	-4,228	9,678	7,045	20,314	36,134	39,399
Diluted EPS (in €)	-0.09	0.19	0.14	0.40	0.71	0.78
EBITDA	51,267	64,356	76,732	93,619	108,505	120,629
Ratios						
Gross margin	32.3%	36.2%	34.3%	34.8%	35.9%	37.0%
EBITDA margin on revenues	10.0%	12.8%	13.8%	16.6%	18.2%	17.9%
EBIT margin on revenues	0.9%	3.0%	2.2%	4.9%	7.1%	7.6%
Net margin on revenues	-0.8%	1.9%	1.3%	3.6%	6.1%	5.8%
Tax rate	2113.6%	-22.5%	-21.1%	-18.2%	-10.3%	-21.1%
Expenses as % of revenues						
Sales and marketing expenses	12.2%	12.7%	13.1%	10.8%	10.3%	11.9%
General and administrative expenses	7.0%	7.0%	6.3%	6.4%	6.2%	6.2%
Research and development expenses	13.4%	15.3%	13.5%	13.3%	12.7%	11.8%
Y-Y Growth						
Revenues	-9.2%	-2.4%	334.5%	1.5%	5.3%	13.5%
Operating income	-77.3%	240.4%	1282.8%	128.9%	54.2%	21.0%
Net income/ loss	n.m.	n.m.	580.0%	188.3%	77.9%	9.0%

BALANCE SHEET

All figures in EUR '000	2017A	2018A	2019A	2020A	2021E	2022E
Assets						
Current assets, total	232,639	257,216	269,240	247,575	301,903	337,872
Cash and cash equivalents	58,376	62,652	54,263	64,881	93,415	101,281
Receivables	81,327	97,936	96,193	83,880	98,175	111,409
Contract assets	0	320	654	442	476	540
Inventories	81,694	85,734	105,355	90,124	101,150	114,785
Tax assets	1,438	1,675	1,857	390	411	466
Other current assets	9,804	8,899	10,918	7,858	8,276	9,391
Non-current assets, total	231,249	229,322	267,122	252,397	245,276	246,041
Right of use assets	0	0	31,985	25,386	18,984	11,718
Property, plant & equipment	26,898	29,052	32,622	31,235	32,725	37,136
Intangible assets	189,996	189,850	192,760	185,949	182,975	185,165
Deferred tax assets	10,614	7,315	6,336	7,233	7,618	8,644
Other non-current assets	3,741	3,105	3,419	2,594	2,975	3,376
Total assets	463,888	486,538	536,362	499,972	547,179	583,913
Shareholders' equity & debt						
Current liabilities, total	188,985	145,576	159,140	130,638	165,461	182,864
Lease liabilities	0	0	6,082	5,807	5,807	5,807
Financial liabilities	79,061	19,400	19,221	15,492	25,000	23,000
Accounts payable	39,193	63,195	73,398	44,151	64,260	72,922
Advance payments received	93	0	0	0	0	0
Current provisions	21,994	15,005	14,379	14,407	16,732	20,240
Tax liabilities	6,446	5,067	1,686	1,808	1,904	2,161
Contract liabilities	0	14,061	12,448	16,377	17,248	19,573
Refund liabilities	0	511	709	633	595	675
Deferred revenues	15,062	0	0	0	0	0
Other current liabilities	27,136	28,337	31,217	31,963	33,915	38,487
Other current liabilities	42,198	28,848	31,926	32,596	34,510	39,162
Long-term liabilities, total	47,882	96,321	121,430	106,116	83,895	67,032
Lease liabilities	0	0	28,348	21,998	21,998	21,998
Financial liabilities	17,500	70,084	61,758	47,129	22,976	867
Provisions for pensions	5,822	5,531	7,756	8,545	8,925	10,128
Other provisions	1,478	1,453	1,380	1,558	1,641	1,862
Deferred tax liabilities	12,502	10,828	12,307	13,522	14,280	16,205
Other non-current liabilities	10,580	8,425	9,881	13,364	14,075	15,972
Shareholders' equity	227,021	244,641	255,792	263,218	297,823	334,017
Total consolidated equity and debt	463,888	486,538	536,362	499,972	547,179	583,913
Ratios						
Net debt	44,007	32,363	68,902	34,090	-8,709	-39,481
Net gearing	19.4%	13.2%	26.9%	13.0%	-2.9%	-11.8%
Book value per share (in €)	4.56	4.90	5.10	5.21	5.90	6.61
Return on equity (ROE)	-1.8%	4.1%	2.9%	2.7%	12.9%	12.5%

CASH FLOW STATEMENT

All figures in EUR '000	2017A	2018A	2019A	2020A	2021E	2022E
Income before tax	-191	12,485	8,929	24,819	40,288	49,925
Depreciation and amortisation	46,864	49,367	62,191	64,729	66,146	69,384
Changes in working capital	-16,551	-2,207	-3,516	11,968	-2,474	-10,712
Income tax paid	-1,666	-2,351	-1,684	-2,099	-4,154	-10,526
Other adjustments	-1,322	3,066	971	-2,274	1,252	1,421
Operating cash flow	27,134	60,360	66,891	97,143	101,059	99,493
Investments in PP&E	-10,559	-14,029	-16,888	-13,648	-15,770	-20,616
Investments in intangibles	-44,014	-34,239	-43,584	-44,740	-42,490	-48,104
Free cash flow	-27,439	12,092	6,419	38,755	42,799	30,772
Acquisitions & disposals, net	-36,213	0	0	0	0	0
Other	248	207	169	34	0	0
Investment cash flow	-90,538	-48,061	-60,303	-58,354	-58,260	-68,721
Debt financing, net	37,184	-7,083	-8,500	-18,500	-14,265	-22,906
Lease liabilities	0	0	-4,488	-6,986	0	0
Equity financing, exercise of stock options	1,029	810	1,257	1,273	0	0
Dividends paid	0	0	0	0	0	0
Other	-1,291	-1,953	-2,801	-2,553	0	0
Financing cash flow	36,922	-8,226	-14,532	-26,766	-14,265	-22,906
FOREX & other effects	-13	203	-445	-1,405	0	0
Net cash flows	-26,495	4,276	-8,389	10,618	28,534	7,866
Cash, start of the year	84,871	58,376	62,652	54,263	64,881	93,415
Cash, end of the year	58,376	62,652	54,263	64,881	93,415	101,281
EBITDA/share (in €)	1.02	1.28	1.44	1.85	2.14	2.38
Y-Y Growth						
Operating cash flow	-55.8%	122.5%	10.8%	45.2%	4.0%	-1.5%
Free cash flow	n.m.	n.m.	-46.9%	503.8%	10.4%	-28.1%
EBITDA/share	-13.2%	25.4%	12.8%	28.2%	15.4%	11.2%

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Anschrift: First Berlin Equity Research GmbH Mohrenstr. 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>

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Authored by: Simon Scholes, Analyst All publications of the last 12 months were authored by Simon Scholes.

Company responsible for preparation: First Berlin Equity Research GmbH, Mohrenstraße 34, 10117 Berlin

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Category Current market capitalisation (in €)		1 0 - 2 billion	2 > 2 billion
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 $\leq 0 - \leq 2$ billion, and Category 2 companies have a market capitalisation of $> \leq 2$ 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.

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Report No.:	Date of publication	Previous day closing price	Recommendation	Price target
Initial Report	17 September 2019	€6.53	Buy	€8.50
21	Ļ	Ļ	Ļ	Ļ
2	5 November 2019	€7.01	Add	€8.60
3	24 February 2020	€7.06	Add	€8.00
4	28 April 2020	€5.79	Add	€7.10
5	27 July 2020	€7.07	Add	€8.00
6	27 October 2020	€6.34	Buy	€8.20
7	12 January 2021	€8.05	Buy	€11.00
8	2 March 2021	€9.63	Buy	€12.50
9	Today	€10.04	Buy	€13.00

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