SFC Energy AG

Germany / Energy Primary exchange: Frankfurt Bloomberg: F3C GR ISIN: DE0007568578

Update

RATING	ADD
PRICE TARGET	€ 9.40
Return Potential	4.4%
Risk Rating	High

2020 GUIDANCE WITHDRAWN DUE TO PANDEMIC

SFC Energy has withdrawn 2020 guidance due to the covid-19 pandemic and the significant fall in the oil price. Management expects demand in the Industry and Oil & Gas segments to slow considerably in Q2 and Q3. In the Defence & Security segment, SFC expects a significant delay in demand in the first half of the year. As we do not know exactly how long the covid-19 pandemic will last, and how severe the global recession will be, it is difficult to estimate the likely impact on SFC. We lower our forecasts for 2020E and the following years. An updated DCF model yields a new price target of \in 9.40 (previously: \in 11.40). Following the recent share price decline, we upgrade the stock from Reduce to Add.

Guidance withdrawn On 11 February 2020, SFC guided towards sales of $\in 64\text{m} - \notin 71\text{m}$, underlying EBITDA of $\notin 3.6 - \notin 6.6\text{m}$, and underlying EBIT of $\notin 0.1\text{m} - \notin 3.1\text{m}$. The company has withdrawn this guidance as the economic impact of the pandemic on SFC can currently neither be adequately determined nor reliably quantified.

Oil & Gas segment hit by oil price fall The oil price (WTI) fell from \$54 on 20 February to \$27 on 19 March, i.e. it halved. As SFC's subsidiary Simark is mainly active in Canada, the price of Western Canadian Select is the relevant price for the Canadian oil industry. It fell from \$38.5 on 20 February to \$10.5 on 19 March. We thus believe that the Canadian oil & gas industry will significantly cut investment budgets, which will result in much lower demand for SFC's subsidiary Simark.

Industry segment hit by supply chain issues and falling demand In the February conference call, management already reported temporary supply chain disruptions. But the company will be hit harder by the falling demand from customers. We believe that the Industry segment is more sensitive to the business cycle than the other segments.

(p.t.o.)

FINANCIAL HISTORY & PROJECTIONS

	2016	2017	2018	2019E	2020E	2021E
Revenue (€m)	44.04	54.29	61.70	58.54	54.50	66.80
Y-o-y growth	-6.9%	23.3%	13.7%	-5.1%	-6.9%	22.6%
EBIT (€m)	-4.90	-0.88	1.33	-1.29	-2.18	0.43
EBIT margin	-11.1%	-1.6%	2.1%	-2.2%	-4.0%	0.6%
Net income (€m)	-4.99	-2.07	0.00	-1.84	-2.14	0.10
EPS (diluted) (€)	-0.58	-0.23	0.00	-0.16	-0.16	0.01
DPS (€)	0.00	0.00	0.00	0.00	0.00	0.00
FCF (€m)	-6.15	0.36	-0.37	0.12	-1.39	-2.13
Net gearing	53.5%	37.7%	13.5%	-37.8%	-36.4%	-30.5%
Liquid assets (€m)	2.04	4.69	7.81	30.96	27.83	29.40

RISKS

The main risks are internationalisation, unfavourable exchange rate changes, technological innovations, and increasing competition.

COMPANY PROFILE

SFC Energy AG is a leading provider of integrated power solutions for mobile and stationary off-grid applications. The company is a pioneer in developing and commercialising fuel cells which provide reliable, efficient, and clean power for its energy solutions. Main markets are oil & gas, defence & security, industry, and clean energy & mobility. SFC is headquartered near Munich in Germany.

MARKET DAT	Ά	As of 20) Mar 2020			
Closing Price	Closing Price					
Shares outstand		13.15m				
Market Capitalis	ation	€	118.39m			
52-week Range		€ 7.6	4 / 13.91			
Avg. Volume (12	Months)		47,600			
Multiples	2018	2019E	2020E			
P/E	n.a.	n.a.	n.a.			
EV/Sales	2.0	2.1	2.2			
EV/EBIT	91.4	n.a.	n.a.			
Div. Yield	0.0%	0.0%	0.0%			

STOCK OVERVIEW



COMPANY DATA	As of 30 Sep 2019
Liquid Assets	€ 23.04m
Current Assets	€ 47.01m
Intangible Assets	€ 13.19m
Total Assets	€ 71.38m
Current Liabilities	€ 18.79m
Shareholders' Equity	€ 39.29m
SHAREHOLDERS	
HPE	16.0%
Conduit Ventures	3.7%
Management	1.8%
Free Float	78.5%

Defence & Security business faces delays In the defence & security business, SFC expects a significant delay in demand in the first half of the year. However, management considers a significant increase in segment demand in H2 to be possible.

Clean Energy & Mobility segment will not shrug off global recession Clean Energy & Mobility segment is currently still running at a high level, but we expect a slowdown in the coming months.

Q1 business has so far been very buoyant SFC has had a very busy start to the current financial year and is currently still producing at its capacity limit. We thus expect solid Q1 results.

Measures initiated to adjust to lower demand Management has already decided on measures to reduce personnel and material costs in the Industry and Oil & Gas segments. SFC is also considering measures such as short-time work where necessary.

Strong financial position is a very helpful cushion At the end of September 2019, SFC had a cash position of \in 23m and a net cash position of \in 8m. This strong financial position will be very supportive in weathering the recession.

Forecasts lowered We have lowered our forecasts to account for the impact of the global recession on SFC. We hint at the fact that our forecasts contain a high level of uncertainty. While we model a strong decrease in the Oil & Gas and Industry segments, we still see the possibility that the other segments will grow due to higher government demand (see figure 1).

Figure 1: Segment sales and gross profit forecasts

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All figures in €m	2019P	2020E	delta
Oil & Gas			
Sales	21.96	18.00	-18%
Gross profit	6.41	5.22	-19%
margin	29.2%	29.0%	-
Defence & Security			
Sales	7.59	8.50	12%
Gross profit	3.40	3.91	15%
margin	44.7%	46.0%	-
Clean Energy & Mobility			
Sales	11.75	13.00	11%
Gross profit	5.06	5.39	7%
margin	43.0%	41.5%	-
Industry			
Sales	17.24	15.00	-13%
Gross profit	5.25	4.50	-14%
margin	30.4%	30.0%	-
Group			
Sales	58.54	54.50	-7%
Gross profit	20.11	19.02	-5%
margin	34.4%	34.9%	-

Source: First Berlin Equity Research

As figure 2 overleaf shows, we now expect 2020E EBIT to amount to \in -2.2m, and a return to positive territory in the following year. Our lowered 2021E forecast assumes a strong rebound in revenue (+23% y/y).

Figure 2: Revisions to forecasts

		2019E			2020E			2021E	
All figures in €m	Old	New	Delta	Old	New	Delta	Old	New	Delta
Sales	58.54	58.54	0.0%	69.90	54.50	-22.0%	81.20	66.80	-17.7%
EBIT	-1.29	-1.29	-	1.37	-2.18	-	3.26	0.43	-86.8%
margin	-2.2%	-2.2%		2.0%	-4.0%		4.0%	0.6%	
Net income	-1.84	-1.84	-	0.70	-2.14	-	2.33	0.10	-95.7%
margin	-3.1%	-3.1%		1.0%	-3.9%		2.9%	0.1%	
EPS (diluted) in €	-0.16	-0.16	-	0.05	-0.16	-	0.18	0.01	-95.7%

Source: First Berlin Equity Research

Upgrade to Add at lower price target An updated DCF model yields a new price target of \notin 9.40 (previously: \notin 11.40). Following the strong share price decline we upgrade the stock from Reduce to Add.

VALUATION MODEL

DCF valuation model								
All figures in EUR '000	2019E	2020E	2021E	2022E	2023E	2024E	2025E	2026E
Net sales	58,537	54,500	66,800	81,273	93,316	106,041	119,248	132,691
NOPLAT	-1,287	-2,181	403	2,826	4,608	5,748	6,863	7,979
+ depreciation & amortisation	3,318	3,431	3,369	3,249	2,811	2,561	2,440	2,407
Net operating cash flow	2,031	1,250	3,772	6,075	7,419	8,309	9,303	10,387
- total investments (CAPEX and WC)	-2,118	-3,172	-5,901	-4,980	-4,573	-4,905	-5,184	-5,392
Capital expenditures	-2,576	-1,853	-1,536	-1,788	-1,977	-2,159	-2,331	-2,485
Working capital	458	-1,319	-4,364	-3,192	-2,596	-2,746	-2,853	-2,907
Free cash flows (FCF)	-87	-1,922	-2,129	1,095	2,846	3,404	4,119	4,994
PV of FCF's	-87	-1,803	-1,841	873	2,091	2,304	2,569	2,871

All figures in thousands	
PV of FCFs in explicit period (2019E-2033E)	34,012
PV of FCFs in terminal period	80,434
Enterprise value (EV)	114,446
+ Net cash / - net debt (pro forma)	8,563
+ Investments / minority interests	0
Shareholder value	123,009
Diluted number of shares	13,154
Fair value per share in EUR	9.35

					Terminal	growth rate			
WACC	8.5%		1.5%	2.0%	2.5%	3.0%	3.5%	4.0%	4.5%
Cost of equity	10.0%	4.5	% 23.87	27.51	32.97	42.06	60.22	114.58	30066.64
Pre-tax cost of debt	7.0%	5.5	% 16.87	18.54	20.77	23.89	28.57	36.37	51.94
Tax rate		<mark>.</mark> 6.5	% 12.75	13.65	14.76	16.20	18.11	20.79	24.80
After-tax cost of debt	4.9%	O 7.5	% 10.07	10.59	11.22	11.98	12.94	14.18	15.82
Share of equity capital	70.0%	≥ 8.5	% 8.20	8.52	8.90	9.35	9.89	10.55	11.37
Share of debt capital	30.0%	9.5	6.83	7.04	7.28	7.56	7.89	8.28	8.74
		10.5	% 5.80	5.94	6.10	6.28	6.49	6.73	7.01
Price target in EUR	9.40	11.5	% 4.99	5.09	5.20	5.33	5.46	5.62	5.80

 * for layout purposes the model shows numbers only to 2026, but runs until 2033

INCOME STATEMENT

Cost of goods sold 30,795 36,566 40,623 38,424 34,481 44,070 Gross profit 13,247 17,726 21,082 20,113 19,019 22,730 S&M 9,126 9,786 10,722 11,275 11,400 12,100 G&A 4,883 5,016 5,230 5,900 5,400 5,700 R&D 4,148 3,892 3,525 3,400 4,400 4,500 Other operating income 96 277 320 2,244 164 200 Operating income (EBIT) -4,888 -885 1,325 -1,287 -2,181 430 Non-operating expenses 0 <th>All figures in EUR '000</th> <th>2016A</th> <th>2017A</th> <th>2018A</th> <th>2019E</th> <th>2020E</th> <th>2021E</th>	All figures in EUR '000	2016A	2017A	2018A	2019E	2020E	2021E
Gross profit 13,247 17,726 21,082 20,113 19,019 22,730 SAM 9,126 9,786 10,792 12,275 11,400 12,100 G&A 4,883 5,016 5,230 5,000 5,000 5,000 Cher operating expenses 83 194 5,23 3,400 4,400 Oher operating expenses 83 194 5,23 5,93 164 200 Operating income (EBIT) -4,898 -885 1,325 -1,287 -2,181 430 Non-operating expenses 0<	Revenues	44,041	54,292	61,704	58,537	54,500	66,800
S&M 9,126 9,786 10,792 12,275 11,400 12,100 G&A 4,883 5,016 5,230 5,900 5,400 5,700 R&D 4,148 3,892 3,525 3,400 4,400 4,500 Other operating income 96 277 320 224 164 200 Operating income (EBIT) -4,888 -885 1,325 -1,287 -2,181 430 Non-operating expenses 0 <td< td=""><td>Cost of goods sold</td><td>30,795</td><td>36,566</td><td>40,623</td><td>38,424</td><td>35,481</td><td>44,070</td></td<>	Cost of goods sold	30,795	36,566	40,623	38,424	35,481	44,070
G&A 4,883 5,016 5,230 5,900 5,400 5,700 R&D 4,148 3,882 3,525 3,400 4,400 4,500 Other operating expenses 83 194 529 59 164 200 Operating income (EBT) 4,888 -885 1,225 -1,287 -2,181 4303 Non-operating expenses 0 0 0 0 0 0 0 0 Income (EBT) -5,373 -2,035 588 -2,048 2,2675 126 Income taxes -380 37 589 -205 -535 27 Minority interests 0 0 0 0 0 0 0 Duted EPS (in €) -0.58 -0.23 0.00 -0.16 -0.16 0.01 EBITDA -2,658 862 2,478 2,031 1,250 3,799 One-off costs / earnings -150 552 1,227 1,600 0 0 <td>Gross profit</td> <td>13,247</td> <td>17,726</td> <td>21,082</td> <td>20,113</td> <td>19,019</td> <td>22,730</td>	Gross profit	13,247	17,726	21,082	20,113	19,019	22,730
RÅD 4,148 3,892 3,525 3,400 4,400 4,500 Other operating income 96 277 320 234 164 200 Operating income (EBIT) 4,898 685 1,325 -1,287 -2,181 430 Non-operating expenses 0 0 0 0 0 0 0 Non-operating expenses 0 0 0 0 0 0 0 0 Non-operating expenses 0	S&M	9,126	9,786	10,792	12,275	11,400	12,100
Other operating income 96 277 320 234 164 200 Other operating expenses 83 194 529 59 164 200 Operating income (EBIT) -4,898 -885 1,325 -1,287 -2,181 430 Non-operating expenses 0	G&A	4,883	5,016	5,230	5,900	5,400	5,700
Other operating expenses 83 194 529 59 164 200 Operating income (EBIT) -4,898 -885 1,325 -1,287 -2,181 430 Net financial result -475 -1,150 -737 -762 -494 -303 Non-operating expenses 0 0 0 0 0 0 0 0 Income taxes -380 37 588 -2,048 -2,675 126 Income taxes -380 37 589 -205 -535 27 Minority interests 0 0 0 0 0 0 0 Diluted EPS (in €) -0.58 -0.23 0.00 -0.16 -0.16 0.01 EBITDA -2,508 862 2,478 2,031 1,250 3,799 One-off costs / earnings -150 592 1,227 1,600 0 0 Underlying EBITDA -2,658 1,454 3,705 3,631 1,250<	R&D	4,148	3,892	3,525	3,400	4,400	4,500
Operating income (EBIT) -4,898 -885 1,325 -1,287 -2,181 430 Net financial result -475 -1,150 -737 -762 -494 -303 Non-operating expenses 0 0 0 0 0 0 0 Pretax income (EBT) -5,373 -2,035 588 -2,048 -2,675 126 Income taxes -380 37 589 -205 -535 27 Minority interests 0 0 0 0 0 0 0 Net income / Ioss -4,993 -2,072 -1 -1,843 -2,140 99 Diluted EPS (in €) -0.58 -0.23 0.00 -0.16 0.01 EBITDA -2,508 862 2,478 2,031 1,250 3,799 Underlying EBITA -4,112 177 2,553 313 -2,181 430 Ratios	Other operating income	96	277	320	234	164	200
Net financial result -475 -1,150 -737 -762 -494 -303 Non-operating expenses 0	Other operating expenses	83	194	529	59	164	200
Non-operating expenses 0 0 0 0 0 0 0 Pre-tax income (EBT) -5,373 -2,035 588 -2,048 -2,675 126 Income taxes -380 37 589 -205 -535 27 Minority interests 0 0 0 0 0 0 0 0 0 Net income / loss -4,993 -2,072 -1 -1,843 -2,140 99 Diluted EPS (in €) -0.58 -0.23 0.00 -0.16 -0.16 0.01 EBITDA -2,508 862 2,478 2,031 1,250 3,799 One-off costs / earnings -150 592 1,227 1,600 0 0 Underlying EBITDA -2,658 1,454 3,705 3,631 1,250 3,799 Underlying EBIT -4,112 177 2,553 313 -2,181 4,30% Ratios	Operating income (EBIT)	-4,898	-885	1,325	-1,287	-2,181	430
Pre-tax income (EBT) -5,373 -2,035 588 -2,048 -2,675 126 Income taxes -380 37 589 -205 -535 27 Minority interests 0 0 0 0 0 0 0 0 Net income / loss -4,993 -2,072 -1 -1,843 -2,140 99 Diluted EPS (in €) -0.58 -0.23 0.00 -0.16 -0.16 0.01 EBITDA -2,508 862 2,478 2,031 1,250 3,799 One-off costs / earnings -150 592 1,227 1,600 0 0 Underlying EBITDA -2,658 1,454 3,705 3,631 1,250 3,799 Underlying EBIT -4,112 177 2,553 313 -2,181 430 Ratios -4,014 177 2,553 313 -2,181 0.6% Net margin on revenues -11.1% -1.6% 2.1% -2.2%	Net financial result	-475	-1,150	-737	-762	-494	-303
Income taxes -380 37 589 -205 -535 27 Minority interests 0 0 0 0 0 0 0 0 Net income / loss -4,993 -2,072 -1 -1,843 -2,140 99 Diluted EPS (in €) -0.58 -0.23 0.00 -0.16 -0.16 0.01 EBITDA -2,508 862 2,478 2,031 1,250 3,799 One-off costs / earnings -150 592 1,227 1,600 0 0 Underlying EBITDA -2,658 1,454 3,705 3,631 1,250 3,799 Underlying EBIT -4,112 177 2,553 313 -2,181 430 Ratios - -4,112 177 2,553 313 -2,181 430 Ratios - -1.6% 34.4% 34.9% 34.0% 21,% 22,% 4.0% 0.6% 0.6% 0.6% 0.1%	Non-operating expenses	0	0	0	0	0	0
Minority interests 0 0 0 0 0 0 0 0 Net income / loss -4,993 -2,072 -1 -1,843 -2,140 99 Diluted EPS (in €) -0.58 -0.23 0.00 -0.16 -0.16 0.01 EBITDA -2,508 862 2,478 2,031 1,250 3,799 One-off costs / earnings -150 592 1,227 1,600 0 0 Underlying EBITDA -2,658 1,454 3,705 3,631 1,250 3,799 Underlying EBIT -4,112 177 2,553 313 -2,181 430 Ratios - - -2,784 34.2% 34.4% 34.9% 34.0% EBITDA margin on revenues -5,7% 1.6% 4.0% 3.5% 2.3% 5.7% EBIT margin on revenues -11.1% -1.6% 2.1% -2.2% 4.0% 0.6% Net margin on revenues -11.3% -3.8% 0.0%	Pre-tax income (EBT)	-5,373	-2,035	588	-2,048	-2,675	126
Net income / loss -4,993 -2,072 -1 -1,843 -2,140 99 Diluted EPS (in €) -0.58 -0.23 0.00 -0.16 0.01 EBITDA -2,508 862 2,478 2,031 1,250 3,799 One-off costs / earnings -150 592 1,227 1,600 0 0 Underlying EBITDA -2,658 1,454 3,705 3,631 1,250 3,799 Underlying EBIT -4,112 177 2,553 313 -2,181 430 Ratios - - 1,11% 1,6% 34.4% 34.9% 34.0% EBITDA margin on revenues -5.7% 1,6% 4.0% 3.5% 2.3% 5.7% EBIT margin on revenues -11,1% -1.6% 2.1% -2.2% -4.0% 0.6% Net margin on revenues -11.1% -1.6% 2.1% -2.2% -4.0% 0.6% Net margin on revenues -11.1% -1.8% 100.1% 10.0%	Income taxes	-380	37	589	-205	-535	27
Diluted EPS (in €) -0.58 -0.23 0.00 -0.16 -0.16 0.01 EBITDA -2,508 862 2,478 2,031 1,250 3,799 One-off costs / earnings -150 592 1,227 1,600 0 0 Underlying EBITDA -2,658 1,454 3,705 3,631 1,250 3,799 Underlying EBIT -4,112 177 2,553 313 -2,181 430 Ratios Statis -5.7% 1.6% 34.2% 34.4% 34.9% 34.0% EBITDA margin on revenues -5.7% 1.6% 4.0% 3.5% 2.3% 5.7% EBIT margin on revenues -11.1% -1.6% 2.1% -2.2% 4.0% 0.6% Net margin on revenues -11.3% -3.8% 0.0% -3.1% -3.9% 0.1% Tax rate 7.1% -1.8% 100.1% 10.0% 20.0% 21.2% S&M 20.7% 18.0% 17.5% 21.0% <	Minority interests	0	0	0	0	0	0
EBITDA -2,508 862 2,478 2,031 1,250 3,799 One-off costs / earnings -150 592 1,227 1,600 0 0 Underlying EBITDA -2,658 1,454 3,705 3,631 1,250 3,799 Underlying EBIT -4,112 177 2,553 313 -2,181 430 Ratios - - 1.6% 34.2% 34.4% 34.9% 34.0% EBITDA margin on revenues -5.7% 1.6% 4.0% 3.5% 2.3% 5.7% EBIT margin on revenues -11.1% -1.6% 2.1% -2.2% -4.0% 0.6% Net margin on revenues -11.3% -3.8% 0.0% -3.1% -3.9% 0.1% Tax rate 7.1% -1.8% 100.1% 10.0% 20.0% 21.2% Expenses as % of revenues -20.7% 18.0% 17.5% 21.0% 20.9% 18.1% G&A 11.1% 9.2% 8.5% 10.1% <t< td=""><td>Net income / loss</td><td>-4,993</td><td>-2,072</td><td>-1</td><td>-1,843</td><td>-2,140</td><td>99</td></t<>	Net income / loss	-4,993	-2,072	-1	-1,843	-2,140	99
One-off costs / earnings -150 592 1,227 1,600 0 0 Underlying EBITDA -2,658 1,454 3,705 3,631 1,250 3,799 Underlying EBIT -4,112 177 2,553 313 -2,181 430 Ratios	Diluted EPS (in €)	-0.58	-0.23	0.00	-0.16	-0.16	0.01
Underlying EBITDA -2,658 1,454 3,705 3,631 1,250 3,799 Underlying EBIT -4,112 177 2,553 313 -2,181 430 Ratios Gross margin 30.1% 32.6% 34.2% 34.4% 34.9% 34.0% EBITDA margin on revenues -5.7% 1.6% 4.0% 3.5% 2.3% 5.7% EBIT margin on revenues -11.1% -1.6% 2.1% -2.2% -4.0% 0.6% Net margin on revenues -11.3% -3.8% 0.0% -3.1% -3.9% 0.1% Tax rate 7.1% -1.8% 100.1% 10.0% 20.0% 21.2% Expenses as % of revenues - - - - - - - - - - - - - 3.9% 0.1% 1.1% - 21.0% 20.0% 18.1% 6.7% 6.8% 10.1% 9.9% 8.5% 6.7% 0.3% 0.3% 0.3%	EBITDA	-2,508	862	2,478	2,031	1,250	3,799
Underlying EBIT -4,112 177 2,553 313 -2,181 430 Ratios Gross margin 30.1% 32.6% 34.2% 34.4% 34.9% 34.0% EBITDA margin on revenues -5.7% 1.6% 4.0% 3.5% 2.3% 5.7% EBIT margin on revenues -5.7% 1.6% 4.0% 3.5% 2.3% 5.7% EBIT margin on revenues -11.1% -1.6% 2.1% -2.2% -4.0% 0.6% Net margin on revenues -11.3% -3.8% 0.0% -3.1% -3.9% 0.1% Tax rate 7.1% -1.8% 100.1% 10.0% 20.0% 21.2% Expenses as % of revenues S&M 20.7% 18.0% 17.5% 21.0% 20.9% 18.1% G&A 11.1% 9.2% 8.5% 10.1% 9.9% 8.5% Cher operating expenses 0.2% 0.4% 0.9% 0.1% 0.3% 0.3% Y Growth Expenses -6.9%	One-off costs / earnings	-150	592	1,227	1,600	0	0
Ratios Gross margin 30.1% 32.6% 34.2% 34.4% 34.9% 34.0% EBITDA margin on revenues -5.7% 1.6% 4.0% 3.5% 2.3% 5.7% EBIT margin on revenues -11.1% -1.6% 2.1% -2.2% -4.0% 0.6% Net margin on revenues -11.3% -3.8% 0.0% -3.1% -3.9% 0.1% Tax rate 7.1% -1.8% 100.1% 10.0% 20.0% 21.2% Expenses as % of revenues - - 18.0% 17.5% 21.0% 20.9% 18.1% G&A 11.1% 9.2% 8.5% 10.1% 9.9% 8.5% R&D 9.4% 7.2% 5.7% 5.8% 8.1% 6.7% Other operating expenses 0.2% 0.4% 0.9% 0.1% 0.3% 0.3% Y-Y Growth - - - 6.9% 23.3% 13.7% -<5.1%	Underlying EBITDA	-2,658	1,454	3,705	3,631	1,250	3,799
Gross margin30.1%32.6%34.2%34.4%34.9%34.0%EBITDA margin on revenues-5.7%1.6%4.0%3.5%2.3%5.7%EBIT margin on revenues-11.1%-1.6%2.1%-2.2%-4.0%0.6%Net margin on revenues-11.3%-3.8%0.0%-3.1%-3.9%0.1%Tax rate7.1%-1.8%100.1%10.0%20.0%21.2%Expenses as % of revenues20.7%18.0%17.5%21.0%20.9%18.1%G&A11.1%9.2%8.5%10.1%9.9%8.5%R&D9.4%7.2%5.7%5.8%8.1%6.7%Other operating expenses0.2%0.4%0.9%0.1%0.3%0.3%Y-Y Growth5.1%-6.9%22.6%Perating incomen.m.n.m.n.m.n.m.n.m.n.m.	Underlying EBIT	-4,112	177	2,553	313	-2,181	430
EBITDA margin on revenues -5.7% 1.6% 4.0% 3.5% 2.3% 5.7% EBIT margin on revenues -11.1% -1.6% 2.1% -2.2% -4.0% 0.6% Net margin on revenues -11.3% -3.8% 0.0% -3.1% -3.9% 0.1% Tax rate 7.1% -1.8% 100.1% 10.0% 20.0% 21.2% Expenses as % of revenues 2 20.7% 18.0% 17.5% 21.0% 20.9% 18.1% G&A 11.1% 9.2% 8.5% 10.1% 9.9% 8.5% R&D 9.4% 7.2% 5.7% 5.8% 8.1% 6.7% Other operating expenses 0.2% 0.4% 0.9% 0.1% 0.3% 0.3% Y-Y Growth Exerences -6.9% 23.3% 13.7% -5.1% -6.9% 22.6% Operating income n.m. n.m. n.m. n.m. n.m. n.m. n.m.	Ratios						
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Net margin on revenues-11.3%-3.8%0.0%-3.1%-3.9%0.1%Tax rate7.1%-1.8%100.1%10.0%20.0%21.2%Expenses as % of revenuesS&M20.7%18.0%17.5%21.0%20.9%18.1%G&A11.1%9.2%8.5%10.1%9.9%8.5%R&D9.4%7.2%5.7%5.8%8.1%6.7%Other operating expenses0.2%0.4%0.9%0.1%0.3%0.3%Y-Y GrowthRevenues-6.9%23.3%13.7%-5.1%-6.9%22.6%Operating incomen.m.n.m.n.m.n.m.n.m.n.m.	EBITDA margin on revenues	-5.7%	1.6%	4.0%	3.5%	2.3%	5.7%
Tax rate7.1%-1.8%100.1%10.0%20.0%21.2%Expenses as % of revenuesS&M20.7%18.0%17.5%21.0%20.9%18.1%G&A11.1%9.2%8.5%10.1%9.9%8.5%R&D9.4%7.2%5.7%5.8%8.1%6.7%Other operating expenses0.2%0.4%0.9%0.1%0.3%0.3%Y-Y GrowthRevenues-6.9%23.3%13.7%-5.1%-6.9%22.6%Operating incomen.m.n.m.n.m.n.m.n.m.n.m.	EBIT margin on revenues	-11.1%	-1.6%	2.1%	-2.2%	-4.0%	0.6%
Expenses as % of revenues S&M 20.7% 18.0% 17.5% 21.0% 20.9% 18.1% G&A 11.1% 9.2% 8.5% 10.1% 9.9% 8.5% R&D 9.4% 7.2% 5.7% 5.8% 8.1% 6.7% Other operating expenses 0.2% 0.4% 0.9% 0.1% 0.3% 0.3% Y-Y Growth 7.2% 5.1% -6.9% 22.6% Operating income n.m. n.m. n.m. n.m. n.m. n.m.	Net margin on revenues	-11.3%	-3.8%	0.0%	-3.1%	-3.9%	0.1%
S&M20.7%18.0%17.5%21.0%20.9%18.1%G&A11.1%9.2%8.5%10.1%9.9%8.5%R&D9.4%7.2%5.7%5.8%8.1%6.7%Other operating expenses0.2%0.4%0.9%0.1%0.3%0.3%Y-Y GrowthEvenues-6.9%23.3%13.7%-5.1%-6.9%22.6%Operating incomen.m.n.m.n.m.n.m.n.m.n.m.n.m.	Tax rate	7.1%	-1.8%	100.1%	10.0%	20.0%	21.2%
G&A11.1%9.2%8.5%10.1%9.9%8.5%R&D9.4%7.2%5.7%5.8%8.1%6.7%Other operating expenses0.2%0.4%0.9%0.1%0.3%0.3%Y-Y GrowthRevenues-6.9%23.3%13.7%-5.1%-6.9%22.6%Operating incomen.m.n.m.n.m.n.m.n.m.n.m.	Expenses as % of revenues						
R&D 9.4% 7.2% 5.7% 5.8% 8.1% 6.7% Other operating expenses 0.2% 0.4% 0.9% 0.1% 0.3% 0.3% Y-Y Growth Revenues -6.9% 23.3% 13.7% -5.1% -6.9% 22.6% Operating income n.m. n.m. n.m. n.m. n.m.	S&M	20.7%	18.0%	17.5%	21.0%	20.9%	18.1%
Other operating expenses 0.2% 0.4% 0.9% 0.1% 0.3% 0.3% Y-Y Growth Revenues -6.9% 23.3% 13.7% -5.1% -6.9% 22.6% Operating income n.m. n.m. n.m. n.m. n.m. n.m.	G&A	11.1%	9.2%	8.5%	10.1%	9.9%	8.5%
Y-Y Growth Revenues -6.9% 23.3% 13.7% -5.1% -6.9% 22.6% Operating income n.m. n.m. n.m. n.m. n.m. n.m.	R&D	9.4%	7.2%	5.7%	5.8%	8.1%	6.7%
Revenues -6.9% 23.3% 13.7% -5.1% -6.9% 22.6% Operating income n.m. n.	Other operating expenses	0.2%	0.4%	0.9%	0.1%	0.3%	0.3%
Operating income n.m. n.m. n.m. n.m. n.m. n.m.	Y-Y Growth						
	Revenues	-6.9%	23.3%	13.7%	-5.1%	-6.9%	22.6%
Net income/ loss n.m. n.m. n.m. n.m. n.m. n.m.	Operating income	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.
	Net income/ loss	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.

BALANCE SHEET

All figures in EUR '000	2016A	2017A	2018A	2019E	2020E	2021E
Assets						
Current assets, total	20,056	21,849	28,289	50,107	45,336	51,263
Cash and cash equivalents	2,041	4,694	7,805	30,964	27,833	29,401
Short-term investments	0	0	0	0	0	0
Receivables	9,253	8,712	10,158	9,623	8,959	10,981
Inventories	7,718	7,939	9,753	8,948	7,971	9,901
Other current assets	1,044	504	573	573	573	980
Non-current assets, total	13,737	12,684	13,776	22,555	20,978	19,145
Property, plant & equipment	1,205	1,197	1,596	9,065	7,579	6,352
Goodwill & other intangibles	11,855	10,950	11,497	12,807	12,715	12,109
Other assets	678	537	684	684	684	684
Total assets	33,793	34,534	42,065	72,663	66,314	70,407
Shareholders' equity & debt						
Current liabilities, total	13,335	18,563	18,865	14,785	9,825	14,720
Short-term debt	4,317	9,410	7,198	4,000	2,000	6,900
Accounts payable	5,790	5,520	7,093	6,211	5,346	6,641
Current provisions	646	800	972	972	972	972
Other current liabilities	2,583	2,833	3,602	3,602	1,507	207
Long-term liabilities, total	7,119	2,076	4,996	14,517	14,517	13,617
Long-term debt	4,860	529	3,056	3,056	3,056	2,156
Liabilities under finance leases	0	0	0	7,517	7,517	7,517
Other liabilities	2,259	1,547	1,940	3,944	3,944	3,944
Minority interests	0	0	0	0	0	0
Shareholders' equity	13,339	13,895	18,204	43,361	41,971	42,071
Share capital	9,047	9,659	10,250	12,950	13,154	13,154
Capital reserve	73,132	75,475	79,498	103,798	104,343	104,343
Other reserves	0	0	0	0	0	0
Treasury stock	0	0	0	0	0	0
Loss carryforward / retained earnings	-68,351	-70,423	-70,520	-72,364	-74,503	-74,404
Total consolidated equity and debt	33,793	34,534	42,065	72,663	66,314	70,407
Ratios						
Current ratio (x)	1.50	1.18	1.50	3.39	4.61	3.48
Quick ratio (x)	0.93	0.75	0.98	2.78	3.80	2.81
Net cash	-7,135	-5,245	-2,449	16,391	15,260	12,828
Net gearing	53.5%	37.7%	13.5%	-37.8%	-36.4%	-30.5%
Book value per share (€)	1.54	1.51	1.79	3.67	3.19	3.20
Equity ratio	39.5%	40.2%	43.3%	59.7%	63.3%	59.8%
Return on equity (ROE)	-37.4%	-14.9%	0.0%	-4.3%	-5.1%	0.2%
Return on investment (ROI)	-14.8%	-6.0%	0.0%	-2.5%	-3.2%	0.1%
Return on assets (ROA)	-12.7%	-2.6%	1.8%	-1.5%	-2.5%	0.6%
Return on capital employed (ROCE)	-22.3%	-4.1%	6.1%	-4.8%	-7.1%	1.3%
Days of sales outstanding (DSO)	76.7	58.6	60.1	60.0	60.0	60.0
	04 5	70.2	07 6	95.0	82.0	82.0
Days of inventory turnover	91.5	79.3 55.1	87.6	85.0	02.0	02.0

CASH FLOW STATEMENT

All figures in EUR '000	2016A	2017A	2018A	2019E	2020E	2021E
EBIT	-4,898	-885	1,325	-1,287	-2,181	430
Depreciation and amortisation	2,390	1,747	1,153	3,318	3,431	3,369
EBITDA	-2,508	862	2,478	2,031	1,250	3,799
Changes in working capital	-3,541	1,362	-1,417	458	-1,319	-4,364
Other adjustments	818	-519	945	205	535	-27
Operating cash flow	-5,231	1,704	2,005	2,694	466	-592
CAPEX	-301	-497	-928	-820	-600	-668
Investments in intangibles	-619	-844	-1,445	-1,756	-1,254	-868
Free cash flow	-6,151	363	-368	118	-1,387	-2,129
Acquisitions & disposals, net	205	33	0	0	0	0
Other investments	150	0	0	0	0	0
Investing cash flow	-565	-1,308	-2,373	-2,576	-1,853	-1,536
Debt financing, net	2,834	2,252	-1,786	-3,198	-2,000	4,000
Equity financing, net	1,500	400	4,220	27,000	750	0
Dividend paid	0	0	0	0	0	0
Other financing	-60	-394	1,045	-762	-494	-303
Financing cash flow	4,274	2,258	3,479	23,041	-1,744	3,697
Forex & other effects	1	-2	0	0	0	0
Net cash flows	-1,521	2,653	3,111	23,159	-3,131	1,568
Cash, start of the year	3,277	1,756	4,409	7,805	30,964	27,833
Cash, end of the year	1,756	4,409	7,520	30,964	27,833	29,401
EBITDA/share (in €)	-0.29	0.09	0.24	0.17	0.10	0.29
Y-Y Growth						
Operating cash flow	n.m.	n.m.	17.7%	34.3%	-82.7%	n.m.
Free cash flow	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.
EBITDA/share	n.m.	n.m.	160.5%	-29.5%	-44.8%	203.9%

Report No.:	Date of publication	Previous day closing price	Recommendation	Price target
Initial Report	23 June 2014	€4.84	Buy	€7.40
238	\downarrow	Ļ	\downarrow	Ļ
39	29 August 2019	€10.10	Add	€11.90
40	18 November 2019	€9.22	Add	€10.00
41	13 February 2020	€12.20	Reduce	€11.40
42	Today	€9.00	Add	€9.40

FIRST BERLIN RECOMMENDATION & PRICE TARGET HISTORY

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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 €)		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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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: http://firstberlin.com/disclaimer-english-link/

SUPERVISORY AUTHORITY: Bundesanstalt für Finanzdienstleistungsaufsicht (German Federal Financial Supervisory Authority) [BaFin], Graurheindorferstraße 108, 53117 Bonn and Lurgiallee 12, 60439 Frankfurt

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