

Energiekontor AG

Germany / Cleantech Frankfurt Stock Exchange Bloomberg: EKT GR ISIN: DE0005313506

Profit warning

RATING PRICE TARGET

ADD € 22.30

Return Potential 8.8% Risk Rating High

WIND FARM CONSTRUCTION DELAY DUE TO BAD WEATHER

Energiekontor sees a high likelihood that its 2019 EBT guidance of ca. €10m will not be reached due to a delay in the construction of a wind farm. In a worst case scenario, EBT could amount to a low single-digit million euro amount (FBe: ca. €2m). Although the optics looks bad, it is only a postponement of profits into 2020. We thus lower our 2019 EBT forecast from €10m to €2m, but increase the 2020 EBT estimate from €20m to €28m We note that our 2020 forecast depends on wind farm project awards in the December 2019 and/or February 2020 German onshore wind tenders. An updated sum of the parts valuation yields a slightly lower price target of €22.30 (previously: €22.50). We reiterate our Add ating.

Stormy weather makes Waldfeucht wind farm completion unlikely The forecasted stormy weather makes it unlikely that the three turbines of the 13.5 MW Waldfeucht wind farm can be erected as previously scheduled. Although their installation can not be completely ruled out, it is far more likely that only one or none will be completed.

Lower 2019 EBT and correspondingly higher 2020 EBT We incorporate a worst case scenario (none of the three turbine erected in 2019) and thus lower our 2019 EBT forecast by €8m to €2m. This leads to a net result of €1.4m and EPS of €0.09. For 2020E we now forecast EBT of €28m (previously: €20m) with a net result of €19.8m and EPS of €1.36 (see figure1 overleaf).

Much stronger 2020 ahead The 2019 disappointment does not blur our positive view on 2020E. Energiekontor looks set to be awarded projects with a total capacity of up to ca. 50 MW in the December / February tenders. As we expect high prices per kWh, the projects should be very profitable.

Only minor impact on valuation Our sum of the parts valuation (see page 3) is only slightly affected by the profit postponement. Our new price target is €22.30 (previously: €22.50). We reiterate our Add ecommendation.

FINANCIAL HISTORY & PROJECTIONS

	2016	2017	2018	2019E	2020E	2021E
Total output (€m)	166.75	202.08	128.70	106.95	264.36	331.03
Y-o-y growth	-20.6%	21.2%	-36.3%	-16.9%	147.2%	25.2%
EBIT (€m)	53.75	32.89	22.08	14.81	42.41	46.62
EBIT margin	32.2%	16.3%	17.2%	13.9%	16.0%	14.1%
Net income (€m)	25.34	11.89	6.68	1.35	19.82	20.42
EPS (diluted) (€)	1.74	0.82	0.46	0.09	1.36	1.40
DPS (€)	0.80	0.60	0.40	0.40	0.60	0.70
FCF (€m)	85.99	-29.27	23.17	0.20	-43.87	-57.33
Net gearing	146.9%	220.0%	218.6%	262.9%	309.1%	370.1%
Liquid assets (€m)	118.53	69.00	73.29	54.15	81.75	73.22

RISKS

Main risks include changes in the regulatory support for wind and solar energy, project development risks, approval procedures, tender results, wind farm operation risks, and Brexit.

COMPANY PROFILE

Energiekontor is a wind and solar project developer and an operator of a large portfolio of own wind farms and solar parks (287 MW). The company is active in onshore wind and solar project development in Germany, the UK, the US, and France. Energiekontor is headquartered in Bremen, Germany.

MARKET DATA	As of 18 Dec 2019
Closing Price	€ 20.50
Shares outstanding	14.44m
Market Capitalisation	€ 295.96m
52-week Range	€ 12.95 / 21.50
Avg. Volume (12 Months)	6,777

Multiples	2018	2019E	2020E
P/E	44.9	221.8	15.1
EV/Sales	3.5	4.2	1.7
EV/EBIT	20.2	30.1	10.5
Div. Yield	2.0%	2.0%	2.9%

STOCK OVERVIEW



COMPANY DATA	As of 30 Jun 2019
Liquid Assets	€ 70.06m
Current Assets	€ 136.03m
Intangible Assets	€ 0.05m
Total Assets	€ 344.63m
Current Liabilities	€ 47.73m
Shareholders' Equity	€ 62.35m

SHAREHOLDERS

Dr Bodo Wilkens	25.6%
Günter Lammers	25.6%
Universal Investment Gesellschaft	11.1%
Free Float	37.7%

Figure 1: Revisions to forecasts

		2019E			2020E			2021E	
All figures in €m	Old	New	Delta	Old	New	Delta	Old	New	Delta
Total output	132.10	106.95	-19.0%	246.95	264.36	7.0%	331.08	331.03	0.0%
EBIT	23.10	14.81	-35.9%	34.47	42.41	23.0%	46.65	46.62	-0.1%
margin	17.5%	13.9%		14.0%	16.0%		14.1%	14.1%	
Net income	7.16	1.35	-81.1%	14.24	19.82	39.2%	20.42	20.42	0.0%
margin	5.4%	1.3%		5.8%	7.5%		6.2%	6.2%	
EPS (diluted)	0.49	0.09	-81.1%	0.98	1.36	38.8%	1.40	1.40	0.0%

Source: First Berlin Equity Research



VALUATION MODEL

We value Energiekontor based on a sum-of-the-parts analysis. Each of Energiekontor's segments, Project Development, Power Production, and Operation & Maintenance is valued separately using a DCF model.

Sum of the parts valuation

SotP valuation	Fair value in €m	Fair value per share in €	old
Project Development	136.53	9.46	9.71
Power Production	141.48	9.80	9.73
Operation & Innovation	44.26	3.07	3.04
Sum of the parts	322.27	22.32	22.48

DCF model for Project Development segment

DCF valuation model								
All figures in EUR '000	2019E	2020E	2021E	2022E	2023E	2024E	2025E	2026E
Net sales	27,240	125,270	167,250	168,050	183,633	199,325	214,909	230,148
NOPLAT	-10,330	12,759	14,523	15,518	16,290	17,043	17,436	17,797
+ depreciation & amortisation	51	37	50	64	75	86	96	105
Net operating cash flow	-10,279	12,796	14,573	15,582	16,365	17,128	17,531	17,902
- total investments (CAPEX and WC)	-4,339	-4,513	-21,489	4,062	-6,788	-6,906	-6,935	-6,865
Capital expenditures	-14	-63	-84	-84	-92	-100	-107	-115
Working capital	-4,326	-4,450	-21,406	4,146	-6,696	-6,806	-6,827	-6,750
Free cash flows (FCF)	-14,618	8,283	-6,916	19,644	9,577	10,222	10,597	11,037
PV of FCF's	-14,570	7,491	-5,677	14,635	6,475	6,272	5,901	5,578

All figures in thousands	
PV of FCFs in explicit period (2019E-2033E)	58,575
PV of FCFs in terminal period	45,147
Enterprise value (EV)	103,722
+ Net cash / - net debt	32,809
+ Investments / minority interests	0
Shareholder value	136,531
Number of shares (diluted)	14,437
Fair value per share in EUR	9.46

WACC	10.2%
Cost of equity	13.0%
Pre-tax cost of debt	8.5%
Tax rate	30.0%
After-tax cost of debt	6.0%
Share of equity capital	60.0%
Share of debt capital	40.0%
Fair value per share in EUR	9.46

			1 Olliminat §	ji o wiii i iato			
	0.5%	1.0%	1.5%	2.0%	2.5%	3.0%	3.5%
6.2%	16.51	16.97	17.53	18.23	19.11	20.26	21.85
7.2%	13.87	14.12	14.41	14.75	15.17	15.69	16.36
8.2%	11.94	12.07	12.23	12.41	12.62	12.88	13.19
9.2%	10.47	10.55	10.63	10.73	10.84	10.96	11.11
10.2%	9.32	9.36	9.41	9.46	9.51	9.58	9.65
11.2%	8.40	8.42	8.44	8.47	8.49	8.52	8.56
12.2%	7.65	7.66	7.67	7.68	7.69	7.70	7.71
13.2%	7.03	7.03	7.03	7.03	7.03	7.03	7.03

 $^{^{\}ast}$ for layout purposes the model shows numbers only to 2026, but runs until 2033



DCF model for Power Production segment

DCF valuation model								
All figures in EUR '000	2019E	2020E	2021E	2022E	2023E	2024E	2025E	2026E
Net sales	56,305	59,050	68,288	81,714	92,688	94,958	95,936	91,688
NOPLAT	18,565	19,004	20,978	25,027	26,727	27,935	28,450	26,149
+ depreciation & amortisation	20,064	21,841	27,699	33,981	40,957	40,604	40,252	39,900
Net operating cash flow	38,629	40,845	48,677	59,007	67,683	68,540	68,702	66,050
- total investments (CAPEX and WC)	-28,681	-95,156	-101,296	-113,624	-43,663	-41,164	-40,493	-38,853
Capital expenditures	-25,337	-94,480	-99,018	-110,313	-40,957	-40,604	-40,252	-39,900
Working capital	-3,344	-677	-2,278	-3,310	-2,706	-560	-241	1,047
Free cash flows (FCF)	9,948	-54,312	-52,619	-54,616	24,021	27,375	28,209	27,197
PV of FCF's	9,934	-51,987	-48,284	-48,045	20,257	22,129	21,861	20,205

All figures in thousands	
PV of FCFs in explicit period (2019E-2033E)	61,895
PV of FCFs in terminal period	260,181
Enterprise value (EV)	322,076
+ Net cash / - net debt	-180,592
+ Investments / minority interests	0
Shareholder value	141,484
Number of shares (diluted)	14,437
Fair value per share in EUR	9.80

WACC	4.3%
Cost of equity	7.0%
Pre-tax cost of debt	5.2%
Tax rate	30.0%
After-tax cost of debt	3.6%
Share of equity capital	20.0%
Share of debt capital	80.0%
Fair value per share in EUR	9.80

Terminal growth rate							
	-0.6%	-0.4%	-0.2%	0.0%	0.2%	0.4%	0.6%
3.6%	13.20	14.24	15.38	16.66	18.09	19.70	21.53
3.8%	11.12	12.01	12.99	14.07	15.28	16.62	18.13
4.1%	9.27	10.04	10.88	11.80	12.82	13.96	15.22
4.3%	7.61	8.28	9.01	9.80	10.67	11.63	12.70
4.6%	6.11	6.70	7.33	8.02	8.77	9.59	10.50
4.8%	4.75	5.27	5.82	6.42	7.07	7.78	8.56
5.1%	3.52	3.97	4.46	4.98	5.55	6.17	6.84

 $^{^{\}ast}$ for layout purposes the model shows numbers only to 2026, but runs until 2033

DCF model for Operation & Innovation segment

DCF valuation model								
All figures in EUR '000	2019E	2020E	2021E	2022E	2023E	2024E	2025E	2026E
Net sales	6,019	6,320	6,889	7,764	8,675	9,607	10,547	11,476
NOPLAT	2,012	2,156	2,374	2,673	2,967	3,265	3,562	3,852
+ depreciation & amortisation	0	0	0	3	6	9	12	16
Net operating cash flow	2,012	2,156	2,374	2,676	2,973	3,274	3,575	3,868
- total investments (CAPEX and WC)	55	2	-169	-182	-179	-192	-203	-212
Capital expenditures	0	0	-34	-39	-43	-48	-53	-57
Working capital	55	2	-135	-143	-136	-144	-150	-155
Free cash flows (FCF)	2,067	2,158	2,205	2,493	2,794	3,082	3,371	3,656
PV of FCF's	2,060	1,955	1,816	1,867	1,902	1,907	1,896	1,869

All figures in thousands	
PV of FCFs in explicit period (2019E-2033E)	26,441
PV of FCFs in terminal period	16,766
Enterprise value (EV)	43,207
+ Net cash / - net debt	1,050
+ Investments / minority interests	0
Shareholder value	44,257
Number of shares (diluted)	14,437
Fair value per share in EUR	3.07

WACC	10.0%
Cost of equity	10.0%
Pre-tax cost of debt	6.0%
Tax rate	30.0%
After-tax cost of debt	4.2%
Share of equity capital	100.0%
Share of debt capital	0.0%
Fair value per share in EUR	3.07

	Terminal growth rate							
	0.5%	1.0%	1.5%	2.0%	2.5%	3.0%	3.5%	
6.0%	5.29	5.57	5.92	6.35	6.90	7.64	8.67	
7.0%	4.40	4.58	4.78	5.03	5.33	5.70	6.18	
8.0%	3.76	3.87	4.00	4.15	4.33	4.54	4.81	
9.0%	3.27	3.34	3.43	3.53	3.64	3.77	3.93	
10.0%	2.89	2.94	3.00	3.07	3.14	3.23	3.33	
11.0%	2.58	2.62	2.66	2.71	2.76	2.82	2.89	
12.0%	2.33	2.36	2.39	2.43	2.46	2.50	2.55	
13.0%	2.13	2.15	2.17	2.20	2.22	2.25	2.28	

 $^{^{\}star}$ for layout purposes the model shows numbers only to 2026, but runs until 2033



INCOME STATEMENT

All figures in EUR '000	2015A	2016A	2017A	2018A	2019E	2020E	2021E
Revenues	191,329	201,764	149,865	110,186	87,156	188,112	239,672
Change in inventory & own work	18,808	-35,015	52,211	18,516	19,793	76,246	91,356
Total output	210,137	166,749	202,076	128,702	106,949	264,358	331,028
Cost of goods sold	116,590	70,523	127,923	60,631	41,366	165,060	219,203
Gross profit	93,547	96,226	74,153	68,071	65,584	99,298	111,825
Personnel costs	10,476	10,922	11,830	13,667	14,289	15,239	15,971
Other operating expenses	18,553	17,719	18,475	17,144	17,771	22,208	24,525
Other operating income	1,574	4,481	5,746	3,363	1,405	2,440	3,045
EBITDA	66,092	72,066	49,593	40,622	34,928	64,291	74,374
Depreciation	16,424	18,316	16,704	18,546	20,115	21,878	27,750
Operating income (EBIT)	49,668	53,750	32,889	22,076	14,813	42,413	46,624
Net financial result	-20,006	-18,253	-16,224	-12,465	-12,881	-14,100	-17,459
Non-operating expenses	0	0	0	0	0	0	0
Pre-tax income (EBT)	29,662	35,497	16,666	9,612	1,932	28,313	29,165
Income taxes	8,751	10,162	4,778	2,932	580	8,494	8,750
Minority interests	0	0	0	0	0	0	0
Net income / loss	20,911	25,335	11,888	6,680	1,353	19,819	20,416
Diluted EPS (in €)	1.43	1.74	0.82	0.46	0.09	1.36	1.40
Ratios							
Gross margin on total output	44.5%	57.7%	36.7%	52.9%	61.3%	37.6%	33.8%
EBITDA margin on total output	31.5%	43.2%	24.5%	31.6%	32.7%	24.3%	22.5%
EBIT margin on total output	23.6%	32.2%	16.3%	17.2%	13.9%	16.0%	14.1%
Net margin on total output	10.0%	15.2%	5.9%	5.2%	1.3%	7.5%	6.2%
Tax rate	29.5%	28.6%	28.7%	30.5%	30.0%	30.0%	30.0%
Expenses as % of total output							
Personnel costs	5.0%	6.5%	5.9%	10.6%	13.4%	5.8%	4.8%
Depreciation	7.8%	11.0%	8.3%	14.4%	18.8%	8.3%	8.4%
Other operating expenses	8.8%	10.6%	9.1%	13.3%	16.6%	8.4%	7.4%
Y-Y Growth							
Total output	31.0%	-20.6%	21.2%	-36.3%	-16.9%	147.2%	25.2%
EBIT	22.0%	8.2%	-38.8%	-32.9%	-32.9%	186.3%	9.9%
Net income/ loss	48.0%	21.2%	-53.1%	-43.8%	-79.8%	1365.4%	3.0%



BALANCE SHEET

All figures in EUR '000	2015A	2016A	2017A	2018A	2019E	2020E	2021E
Assets							
Current assets, total	166,855	181,759	160,607	137,613	123,093	159,755	177,475
Cash and cash equivalents	103,957	118,528	69,002	73,291	54,147	81,749	73,216
Short-term investments	10,278	10,305	10,159	5,061	5,061	5,061	5,061
Receivables	16,932	17,469	26,216	19,123	17,945	32,067	40,127
Inventories	32,871	34,272	47,006	38,481	44,283	39,222	57,414
Other current assets	2,817	1,185	8,225	1,657	1,657	1,657	1,657
Non-current assets, total	232,263	179,592	200,606	210,824	216,060	288,724	360,111
Property, plant & equipment	223,789	171,747	194,558	204,916	210,152	282,816	354,203
Goodwill & other intangibles	23	10	1	23	23	23	23
Other assets	8,451	7,834	6,047	5,885	5,885	5,885	5,885
Total assets	399,118	361,351	361,213	348,437	339,153	448,479	537,586
Shareholders' equity & debt							
Current liabilities, total	76,163	83,551	57,200	44,177	29,369	51,219	70,110
Short-term financial debt	31,871	45,735	24,728	20,639	10,000	25,000	40,000
Accounts payable	4,480	6,241	8,383	5,489	1,320	5,256	7,690
Current provisions	16,282	12,656	14,660	13,504	13,504	13,504	13,504
Other current liabilities	23,530	18,919	9,429	4,545	4,545	7,459	8,916
Long-term liabilities, total	272,495	208,323	233,781	235,861	245,861	322,261	382,261
Long-term financial debt	248,899	185,175	208,961	207,233	217,233	293,633	353,633
Deferred revenue	0	0	0	0	0	0	0
Other liabilities	23,596	23,148	24,820	28,628	28,628	28,628	28,628
Minority interests	0	0	0	0	0	0	0
Shareholders' equity	50,460	69,477	70,232	68,400	63,923	75,000	85,215
Share capital	14,653	14,653	14,578	14,578	14,578	14,578	14,578
Capital reserve	40,308	40,323	40,428	40,458	40,458	40,458	40,458
Other reserves	-8,751	-3,125	-2,441	-1,835	-1,835	-1,835	-1,835
Treasury stock	-41	-61	-1	-30	-30	-30	-30
Loss carryforward / retained earnings	16,421	30,164	39,717	39,344	34,868	45,944	56,160
Total consolidated equity and debt							
Total consolidated equity and debt	399,118	361,351	361,213	348,437	339,153	448,479	537,586
Ratios	399,118	361,351	361,213	348,437	339,153	448,479	537,586
	399,118 2.19	361,351 2.18	361,213 2.81	348,437 3.12	339,153 4.19	448,479 3.12	2.53
Ratios							
Ratios Current ratio (x)	2.19	2.18	2.81	3.12	4.19	3.12	2.53
Ratios Current ratio (x) Quick ratio (x)	2.19	2.18 1.77	2.81 1.99	3.12 2.24	4.19 2.68	3.12 2.35	2.53 1.71
Ratios Current ratio (x) Quick ratio (x) Net debt	2.19 1.76 166,535	2.18 1.77 102,077	2.81 1.99 154,528	3.12 2.24 149,520	4.19 2.68 168,025	3.12 2.35 231,823	2.53 1.71 315,356
Ratios Current ratio (x) Quick ratio (x) Net debt Net gearing	2.19 1.76 166,535 330%	2.18 1.77 102,077 147%	2.81 1.99 154,528 220%	3.12 2.24 149,520 219%	4.19 2.68 168,025 263%	3.12 2.35 231,823 309%	2.53 1.71 315,356 370%
Ratios Current ratio (x) Quick ratio (x) Net debt Net gearing Book value per share (in €)	2.19 1.76 166,535 330% 3.45	2.18 1.77 102,077 147% 4.76	2.81 1.99 154,528 220% 4.82	3.12 2.24 149,520 219% 4.69	4.19 2.68 168,025 263% 4.39	3.12 2.35 231,823 309% 5.15	2.53 1.71 315,356 370% 5.85
Ratios Current ratio (x) Quick ratio (x) Net debt Net gearing Book value per share (in €) Financial debt/EBITDA (x)	2.19 1.76 166,535 330% 3.45 4.2	2.18 1.77 102,077 147% 4.76 3.2	2.81 1.99 154,528 220% 4.82 4.7	3.12 2.24 149,520 219% 4.69 5.6	4.19 2.68 168,025 263% 4.39 6.5	3.12 2.35 231,823 309% 5.15 5.0	2.53 1.71 315,356 370% 5.85 5.3
Ratios Current ratio (x) Quick ratio (x) Net debt Net gearing Book value per share (in €) Financial debt/EBITDA (x) Equity ratio	2.19 1.76 166,535 330% 3.45 4.2 12.6%	2.18 1.77 102,077 147% 4.76 3.2 19.2%	2.81 1.99 154,528 220% 4.82 4.7 19.4%	3.12 2.24 149,520 219% 4.69 5.6 19.6%	4.19 2.68 168,025 263% 4.39 6.5 18.8%	3.12 2.35 231,823 309% 5.15 5.0 16.7%	2.53 1.71 315,356 370% 5.85 5.3 15.9%
Ratios Current ratio (x) Quick ratio (x) Net debt Net gearing Book value per share (in €) Financial debt/EBITDA (x) Equity ratio Return on equity (ROE)	2.19 1.76 166,535 330% 3.45 4.2 12.6% 41.4%	2.18 1.77 102,077 147% 4.76 3.2 19.2% 36.5%	2.81 1.99 154,528 220% 4.82 4.7 19.4% 16.9%	3.12 2.24 149,520 219% 4.69 5.6 19.6% 9.8%	4.19 2.68 168,025 263% 4.39 6.5 18.8% 2.1%	3.12 2.35 231,823 309% 5.15 5.0 16.7% 26.4%	2.53 1.71 315,356 370% 5.85 5.3 15.9% 24.0%
Ratios Current ratio (x) Quick ratio (x) Net debt Net gearing Book value per share (in €) Financial debt/EBITDA (x) Equity ratio Return on equity (ROE) Return on investment (ROI)	2.19 1.76 166,535 330% 3.45 4.2 12.6% 41.4% 5.2%	2.18 1.77 102,077 147% 4.76 3.2 19.2% 36.5% 7.0%	2.81 1.99 154,528 220% 4.82 4.7 19.4% 16.9% 3.3%	3.12 2.24 149,520 219% 4.69 5.6 19.6% 9.8% 1.9%	4.19 2.68 168,025 263% 4.39 6.5 18.8% 2.1% 0.4%	3.12 2.35 231,823 309% 5.15 5.0 16.7% 26.4% 4.4%	2.53 1.71 315,356 370% 5.85 5.3 15.9% 24.0% 3.8%
Ratios Current ratio (x) Quick ratio (x) Net debt Net gearing Book value per share (in €) Financial debt/EBITDA (x) Equity ratio Return on equity (ROE) Return on investment (ROI) Return on assets (ROA)	2.19 1.76 166,535 330% 3.45 4.2 12.6% 41.4% 5.2% 10.4%	2.18 1.77 102,077 147% 4.76 3.2 19.2% 36.5% 7.0% 12.1%	2.81 1.99 154,528 220% 4.82 4.7 19.4% 16.9% 3.3% 7.8%	3.12 2.24 149,520 219% 4.69 5.6 19.6% 9.8% 1.9% 5.7%	4.19 2.68 168,025 263% 4.39 6.5 18.8% 2.1% 0.4% 4.2%	3.12 2.35 231,823 309% 5.15 5.0 16.7% 26.4% 4.4% 7.6%	2.53 1.71 315,356 370% 5.85 5.3 15.9% 24.0% 3.8% 7.1%
Ratios Current ratio (x) Quick ratio (x) Net debt Net gearing Book value per share (in €) Financial debt/EBITDA (x) Equity ratio Return on equity (ROE) Return on investment (ROI) Return on assets (ROA) Return on capital employed (ROCE)	2.19 1.76 166,535 330% 3.45 4.2 12.6% 41.4% 5.2% 10.4% 20.4%	2.18 1.77 102,077 147% 4.76 3.2 19.2% 36.5% 7.0% 12.1% 24.7%	2.81 1.99 154,528 220% 4.82 4.7 19.4% 16.9% 3.3% 7.8% 14.8%	3.12 2.24 149,520 219% 4.69 5.6 19.6% 9.8% 1.9% 5.7% 8.9%	4.19 2.68 168,025 263% 4.39 6.5 18.8% 2.1% 0.4% 4.2% 5.8%	3.12 2.35 231,823 309% 5.15 5.0 16.7% 26.4% 4.4% 7.6% 14.2%	2.53 1.71 315,356 370% 5.85 5.3 15.9% 24.0% 3.8% 7.1% 12.2%



CASH FLOW STATEMENT

All figures in EUR '000	2015A	2016A	2017A	2018A	2019E	2020E	2021E
EBIT	49,668	53,750	32,889	22,076	14,813	42,413	46,624
Depreciation and amortisation	16,424	18,316	16,704	18,546	20,115	21,878	27,750
EBITDA	66,092	72,066	49,593	40,622	34,928	64,291	74,374
Changes in working capital	28,824	24,732	-28,182	6,310	-8,793	-5,125	-23,818
Other adjustments	-3,490	-3,927	-16,973	-1,499	-580	-8,494	-8,750
Operating cash flow	91,426	92,871	4,438	45,433	25,555	50,672	41,806
CAPEX	-40,205	-6,885	-33,707	-22,240	-25,351	-94,542	-99,136
Investments in intangibles	0	0	-1	-26	0	0	0
Free cash flow	51,221	85,986	-29,269	23,167	204	-43,871	-57,330
Acquisitions and disposals, net	300	0	0	0	0	0	0
Other investments	-11,143	-1,327	-2,277	4,642	0	0	0
Cash flow from investing	-51,048	-8,212	-35,984	-17,624	-25,351	-94,542	-99,136
Debt financing, net	11,574	-36,444	5,266	-2,891	-639	91,400	75,000
Equity financing, net	0	-278	-251	-403	0	0	0
Dividends paid	-8,781	-11,682	-11,670	-8,745	-5,829	-5,829	-8,743
Other financing	-18,759	-23,041	-13,992	-11,577	-12,881	-14,100	-17,459
Cash flow from financing	-15,967	-71,444	-20,646	-23,616	-19,348	71,472	48,798
Forex & other effects	-2,048	1,357	2,666	96	0	0	0
Net cash flows	22,363	14,571	-49,526	4,289	-19,144	27,601	-8,532
Cash, start of the year	81,594	103,957	118,528	69,002	73,291	54,147	81,749
Cash, end of the year	103,957	118,528	69,002	73,291	54,147	81,749	73,216
EBITDA/share (in €)	4.52	4.94	3.40	2.79	2.40	4.41	5.10
Operating cash flow/share (in €)	6.25	6.36	0.30	3.12	1.75	3.48	2.87
Y-Y Growth							
Operating cash flow	63.9%	1.6%	-95.2%	923.6%	-43.8%	98.3%	-17.5%
Free cash flow	43.8%	67.9%	n.m.	n.m.	-99.1%	n.m.	n.m.
EBITDA/share	20.6%	9.3%	-31.1%	-18.0%	-14.0%	84.1%	15.7%
Operating cash flow/share	64.2%	1.8%	-95.2%	924.6%	-43.8%	98.3%	-17.5%



FIRST BERLIN RECOMMENDATION & PRICE TARGET HISTORY

Report No.:	Date of publication	Previous day closing price	Recommendation	Price target
Initial Report	5 June 2014	€7.70	Buy	€12.20
230	\downarrow	1	\downarrow	↓
31	20 May 2019	€15.70	Buy	€22.90
32	3 September 2019	€17.30	Buy	€22.60
33	19 November 2019	€20.40	Add	€22.50
34	Today	€20.50	Add	€22.30

Authored by: Dr. Karsten von Blumenthal, Analyst

Company responsible for preparation:

First Berlin Equity Research GmbH Mohrenstraße 34 10117 Berlin

Tel. +49 (0)30 - 80 93 96 85 Fax +49 (0)30 - 80 93 96 87

info@firstberlin.com www.firstberlin.com

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

Copyright© 2019 First Berlin Equity Research GmbH No part of this financial analysis may be copied, photocopied, duplicated or distributed in any form or media whatsoever without prior written permission from First Berlin Equity Research GmbH. First Berlin Equity Research GmbH shall be identified as the source in the case of quotations. Further information is available on request.

INFORMATION PURSUANT TO SECTION 34B OF THE GERMAN SECURITIES TRADING ACT [WPHG], TO REGULATION (EU) NO 596/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF APRIL 16, 2014, ON MARKET ABUSE (MARKET ABUSE REGULATION) AND TO THE GERMAN ORDINANCE ON THE ANALYSIS OF FINANCIAL INSTRUMENTS [FINANV]

First Berlin Equity Research GmbH (hereinafter referred to as: "First Berlin") prepares financial analyses while taking the relevant regulatory provisions, in particular the German Securities Trading Act [VVpHG], Regulation (EU) No 596/2014 of the European Parliament and of the Council of April 16, 2014, on market abuse (market abuse regulation) and the German Ordinance on the Analysis of Financial Instruments [FinAnV] into consideration. In the following First Berlin provides investors with information about the statutory provisions that are to be observed in the preparation of financial analyses.

CONFLICTS OF INTEREST

In accordance with Section 34b Paragraph 1 of the German Securities Trading Act [WpHG] and Regulation (EU) No 596/2014 of the European Parliament and of the Council of April 16, 2014, on market abuse (market abuse regulation) financial analyses may only be passed on or publicly distributed if circumstances or relations which may cause conflicts of interest among the authors, the legal entities responsible for such preparation or companies associated with them are disclosed along with the financial analysis.

First Berlin offers a range of services that go beyond the preparation of financial analyses. Although First Berlin strives to avoid conflicts of interest wherever possible, First Berlin may maintain the following relations with the analysed company, which in particular may constitute a potential conflict of interest (further information and data may be provided on request):

- The author, First Berlin, or a company associated with First Berlin holds an interest of more than five percent in the share capital of the analysed company;
- The author, First Berlin, or a company associated with First Berlin provided investment banking or consulting services for the analysed company within the past twelve months for which remuneration was or was to be paid;
- The author, First Berlin, or a company associated with First Berlin reached an agreement with the analysed company for preparation of a financial analysis for which remuneration is owed;
- The author, First Berlin, or a company associated with First Berlin has other significant financial interests in the analysed company;

In order to avoid and, if necessary, manage possible conflicts of interest both the author of the financial analysis and First Berlin shall be obliged to neither hold nor in any way trade the securities of the company analyzed. The remuneration of the author of the financial analysis stands in no direct or indirect connection with the recommendations or opinions represented in the financial analysis. Furthermore, the remuneration of the author of the financial analysis is neither coupled directly to financial transactions nor to stock exchange trading volume or asset management fees.

If despite these measures one or more of the aforementioned conflicts of interest cannot be avoided on the part of the author or First Berlin, then reference shall be made to such conflict of interest.

INFORMATION PURSUANT TO SECTION 64 OF THE GERMAN SECURITIES TRADING ACT [WPHG] (2ND FIMANOG) OF 23 JUNE 2017, DIRECTIVE 2014/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 15 MAY 2014 ON MARKETS IN FINANCIAL INSTRUMENTS AND AMENDING DIRECTIVE 2002/92/EC AND DIRECTIVE 2011/61/EU, ACCOMPANIED BY THE MARKETS IN FINANCIAL INSTRUMENTS REGULATION (MIFIR, REG. EU NO. 600/2014)

First Berlin notes that is has concluded a contract with the issuer to prepare financial analyses and is paid for that by the issuer. First Berlin makes the financial analysis simultaneously available for all interested security financial services companies. First Berlin thus believes that it fulfils the requirements of section 64 WpHG for minor non-monetary benefits.



PRICE TARGET DATES

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

AGREEMENT WITH THE ANALYSED COMPANY AND MAINTENANCE OF OBJECTIVITY

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

ASSET VALUATION SYSTEM

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

ASSET RECOMMENDATION

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

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

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

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

RISK ASSESSMENT

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

INVESTMENT HORIZON

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

UPDATES

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

SUBJECT TO CHANGE

The opinions contained in the financial analysis reflect the assessment of the author on the day of publication of the financial analysis. The author of the financial analysis reserves the right to change such opinion without prior notification.

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

EXCLUSION OF LIABILITY (DISCLAIMER)

RELIABILITY OF INFORMATION AND SOURCES OF INFORMATION

The information contained in this study is based on sources considered by the author to be reliable. Comprehensive verification of the accuracy and completeness of information and the reliability of sources of information has neither been carried out by the author nor by First Berlin. As a result no warranty of any kind whatsoever shall be assumed for the accuracy and completeness of information and the reliability of sources of information, and neither the author nor First Berlin, nor the person responsible for passing on or distributing the financial analysis shall be liable for any direct or indirect damage incurred through reliance on the accuracy and completeness of information and the reliability of sources of information.

RELIABILITY OF ESTIMATES AND FORECASTS

The author of the financial analysis made estimates and forecasts to the best of the author's knowledge. These estimates and forecasts reflect the author's personal opinion and judgement. The premises for estimates and forecasts as well as the author's perspective on such premises are subject to constant change. Expectations with regard to the future performance of a financial instrument are the result of a measurement at a single point in time and may change at any time. The result of a financial analysis always describes only one possible future development — the one that is most probable from the perspective of the author — of a number of possible future developments.

Any and all market values or target prices indicated for the company analysed in this financial analysis may not be achieved due to various risk factors, including but not limited to market volatility, sector volatility, the actions of the analysed company, economic climate, failure to achieve earnings and/or sales forecasts, unavailability of complete and precise information and/or a subsequently occurring event which affects the underlying assumptions of the author and/or other sources on which the author relies in this document. Past performance is not an indicator of future results; past values cannot be carried over into the future.

Consequently, no warranty of any kind whatsoever shall be assumed for the accuracy of estimates and forecasts, and neither the author nor First Berlin, nor the person responsible for passing on or distributing the financial analysis shall be liable for any direct or indirect damage incurred through reliance on the correctness of estimates and forecasts.



INFORMATION PURPOSES, NO RECOMMENDATION, SOLICITATION, NO OFFER FOR THE PURCHASE OF SECURITIES

The present financial analysis serves information purposes. It is intended to support institutional investors in making their own investment decisions; however in no way provide the investor with investment advice. Neither the author, nor First Berlin, nor the person responsible for passing on or distributing the financial analysis shall be considered to be acting as an investment advisor or portfolio manager vis-à-vis an investor. Each investor must form his own independent opinion with regard to the suitability of an investment in view of his own investment objectives, experience, tax situation, financial position and other circumstances.

The financial analysis does not represent a recommendation or solicitation and is not an offer for the purchase of the security specified in this financial analysis. Consequently, neither the author nor First Berlin, nor the person responsible for passing on or distributing the financial analysis shall as a result be liable for losses incurred through direct or indirect employment or use of any kind whatsoever of information or statements arising out of this financial analysis.

A decision concerning an investment in securities should take place on the basis of independent investment analyses and procedures as well as other studies including, but not limited to, information memoranda, sales or issuing prospectuses and not on the basis of this document.

NO ESTABLISHMENT OF CONTRACTUAL OBLIGATIONS

By taking note of this financial analysis the recipient neither becomes a customer of First Berlin, nor does First Berlin incur any contractual, quasi-contractual or pre-contractual obligations and/or responsibilities toward the recipient. In particular no information contract shall be established between First Berlin and the recipient of this information.

NO OBLIGATION TO UPDATE

First Berlin, the author and/or the person responsible for passing on or distributing the financial analysis shall not be obliged to update the financial analysis. Investors must keep themselves informed about the current course of business and any changes in the current course of business of the analysed company.

DUPLICATION

Dispatch or duplication of this document is not permitted without the prior written consent of First Berlin.

SEVERABILITY

Should any provision of this disclaimer prove to be illegal, invalid or unenforceable under the respectively applicable law, then such provision shall be treated as if it were not an integral component of this disclaimer; in no way shall it affect the legality, validity or enforceability of the remaining provisions.

APPLICABLE LAW, PLACE OF JURISDICTION

The preparation of this financial analysis shall be subject to the law obtaining in the Federal Republic of Germany. The place of jurisdiction for any disputes shall be Berlin (Germany).

NOTICE OF DISCLAIMER

By taking note of this financial analysis the recipient confirms the binding nature of the above explanations.

By using this document or relying on it in any manner whatsoever the recipient accepts the above restrictions as binding for the recipient.

QUALIFIED INSTITUTIONAL INVESTORS

First Berlin financial analyses are intended exclusively for qualified institutional investors.

This report is not intended for distribution in the USA and/or Canada.