

SFC Energy AG

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

Q2 figures

RATING PRICE TARGET

BUY €4.80

Return Potential 29.7% Risk Rating High

IMPROVED EARNINGS DESPITE LOWER SALES

On 3 August SFC Energy reported Q2 figures and held a conference call. Although sales declined 14% to €10.5m, EBIT improved by €0.5m to €1.9m y/y. The main earnings driver was a strongly growing Security & Industry business. However, the Oil & Gas and the Consumer segments were weak. Due to a more cautious outlook for oil & gas, SFC reduced its sales guidance slightly to €48-50m from €5052m. We expect a much stronger H2 because of a growing defence business and a pick-up in the oil & gas segment in Q4. The high uncertainty regarding the further oil price development however causes us to reduce our estimates. We lower our price target to €4.80 (previously: €5.10), but maintain our Buy rating.

Weak sales, but improved earnings Q2 sales came in at €10.5m (FBe: €9.9m, Q2/15: €12.2m, -14% y/y). The main reason for the lower sales figure was a revenue drop in the Oil & Gas segment from €7.2m to €4.8m, -34% y/y). The gross profit was €2.9m and remained at the same level as last year's figure. The gross profit margin increased to 27.8% from 24.0% due to an improved product mix (higher share of security & industry business). Cost cutting measures (sales costs fell from €3.0m to €2.5m y/y) resulted nan improved EBIT of €-1.9m (FBe: €-1.6m, Q2/15: €-2.4m). The net result amounted to €-2.0m (FBe: €1.8m, Q2/15: €-2.4m). Diluted EPS were €-0.21 vs. €-0.28in the prior year's period.

Sales guidance for 2016E lowered A more cautious outlook for its oil & gas business caused SFC to reduce its sales guidance to €48-50m from €50-52m. The company still expects significantly improved profitability.

Higher order backlog At the end of Q2, the order backlog amounted to €11.1m, an increase of 12% from €10.0m in the previous year. After the reporting period, SFC's subsidiary PBF received a large framework order of €4.7m from a large industrial customer, which increases the backlog to almost €16m.

(p.t.o.)

FINANCIAL HISTORY & PROJECTIONS

2013	2014	2015	2016E	2017E	2018E
32.41	53.63	47.31	48.25	57.90	66.46
3.7%	65.5%	-11.8%	2.0%	20.0%	14.8%
-8.84	-4.27	-10.64	-1.83	0.12	2.06
-27.3%	-8.0%	-22.5%	-3.8%	0.2%	3.1%
-8.91	-4.83	-10.67	-2.36	-0.45	1.58
-1.16	-0.60	-1.24	-0.23	-0.05	0.18
0.00	0.00	0.00	0.00	0.00	0.00
-7.98	-4.19	-3.21	-2.18	-3.29	-1.46
-10.3%	-4.9%	3.0%	18.9%	43.4%	34.0%
7.43	6.41	3.71	6.82	2.54	2.35
	32.41 3.7% -8.84 -27.3% -8.91 -1.16 0.00 -7.98 -10.3%	32.41 53.63 3.7% 65.5% -8.84 -4.27 -27.3% -8.0% -8.91 -4.83 -1.16 -0.60 0.00 0.00 -7.98 -4.19 -10.3% -4.9%	32.41 53.63 47.31 3.7% 65.5% -11.8% -8.84 -4.27 -10.64 -27.3% -8.0% -22.5% -8.91 -4.83 -10.67 -1.16 -0.60 -1.24 0.00 0.00 0.00 -7.98 -4.19 -3.21 -10.3% -4.9% 3.0%	32.41 53.63 47.31 48.25 3.7% 65.5% -11.8% 2.0% -8.84 -4.27 -10.64 -1.83 -27.3% -8.0% -22.5% -3.8% -8.91 -4.83 -10.67 -2.36 -1.16 -0.60 -1.24 -0.23 0.00 0.00 0.00 0.00 -7.98 -4.19 -3.21 -2.18 -10.3% -4.9% 3.0% 18.9%	32.41 53.63 47.31 48.25 57.90 3.7% 65.5% -11.8% 2.0% 20.0% -8.84 -4.27 -10.64 -1.83 0.12 -27.3% -8.0% -22.5% -3.8% 0.2% -8.91 -4.83 -10.67 -2.36 -0.45 -1.16 -0.60 -1.24 -0.23 -0.05 0.00 0.00 0.00 0.00 -0.00 -7.98 -4.19 -3.21 -2.18 -3.29 -10.3% -4.9% 3.0% 18.9% 43.4%

RISKS

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

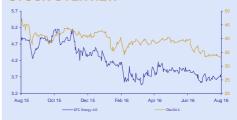
COMPANY PROFILE

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, security & industry, and leisure. SFC is headquartered near Munich in Germany.

MARKET DATA	As of 04 Aug 2016
Closing Price	€ 3.70
Shares outstanding	8.61m
Market Capitalisation	€ 31.87m
52-week Range	€ 3.47 / 5.16
Avg. Volume (12 Months)	3,375

Multiples	2015	2016E	2017E
P/E	n.a.	n.a.	n.a.
EV/Sales	0.7	0.7	0.6
EV/EBIT	n.a.	n.a.	284.8
Div Yield	0.0%	0.0%	0.0%

STOCK OVERVIEW



COMPANY DATA	As of 30 Jun 2016
Liquid Assets	€ 1.74m
Current Assets	€ 19.27m
Intangible Assets	€ 12.56m
Total Assets	€ 33.88m
Current Liabilities	€ 12.13m
Shareholders' Equity	€ 13.89m

SHAREHOLDERS

HPE	24.5%
DWS	9.2%
Havensight	8.9%
Other	17.6%
Free Float	39.8%

Stretched balance sheet The cash position (excluding cash with limitation on disposal) fell to €1.4m (Q1/15: €1.8m, end 2015: €3.3m). As we expect SFC to be free cash flow negative in Q3, cash reserves look set to be depleted further. The company may take on additional debt or equity to finance its operating business in Q3.

Due to the net loss, equity fell to €13.9m (31/12/2015: €16.6m). The equity ratio dropped to 41.0% from 46.1%. Financial debt increased to €5.0m (31/12/2015: €4.4m). At the end of Q2, SFC had a net debt position (excluding cash with limitation on disposal) of €3.6m (31/12/2015: €1.1m).

Working capital fell q/q to €9.9m from €10.8m due mainly to lower receivables (€6.9m vs. €8.4m in Q1). Efficient working capital management will be a decisive factor in reducing cash outflow.

H1 operating cash flow negative In H1, operating cash flow amounted to €-3.3m (H1/15: €-2.9m). It was, however, burdened by a one-off of ca. €1m (the final deferred payment for the acquisition of Simark). CAPEX of €0.6m resulted in a free cash flow of €-3.9m. The cash outflow was partly financed by the issuance of a convertible bond (€1.4m) and additional bank loans (ca. €1m). The net cash outflow was €1.9m.

Very strong Security & Industry segment could not compensate for weak oil & gas and consumer business The Security & Industry segment showed an excellent performance in Q2. Sales rose 29% to €4.9m and gross profit by almost 60% to €1.9m. The gross margin jumped more than 7 PP to 37.8% thanks to a strong defence business, which doubled sales y/y. The low oil price and the reduced investment budgets of SFC's oil & gas business customers resulted in a significant drop (-34% y/y) in the Oil & Gas segment's revenues to €4.8m causing the segment gross profit to slump from €1.5m to €0.9m y/y. The Consumer segment sales came in much weaker than expected (€0.8m vs. FBe: €1.3m, and €1.1m in Q2/15) due mainly to sluggish demand in Norway (see figure 1).

Figure 1: Reported segment results versus estimates

All figures in €m	Q2-16A	Q2-16E	Delta	Q2-15	Delta	H1 2016	H1 2015	Delta
Oil & Gas								
Sales	4.80	3.98	20.6%	7.25	-33.8%	8.84	14.44	-38.8%
Gross profit	0.88	0.81	8.4%	1.51	-41.5%	1.84	3.29	-44.2%
margin	18.4%	20.4%		20.8%		20.8%	22.8%	
Security & Industry								
Sales	4.89	4.62	5.8%	3.79	29.0%	9.87	8.03	23.0%
Gross profit	1.85	1.55	19.2%	1.16	59.4%	3.75	2.71	38.2%
margin	37.8%	33.5%		30.6%		38.0%	33.8%	
Consumer								
Sales	0.81	1.30	-37.7%	1.14	-29.1%	2.09	2.32	-10.1%
Gross profit	0.19	0.38	-49.6%	0.26	-26.6%	0.55	0.56	-0.4%
margin	23.5%	29.0%		22.7%		26.6%	24.0%	
Group								
Sales	10.50	9.90	6.1%	12.18	-13.8%	20.80	24.79	-16.1%
Gross profit	2.92	2.74	6.5%	2.92	-0.1%	6.14	6.56	-6.4%
margin	27.8%	27.7%		24.0%		29.5%	26.5%	

Source: First Berlin Equity Research, SFC Energy AG

Why H2 looks set to be much brighter than H1 Although H1 revenues amounted to only €20.8m, SFC expects full-year sales of at least €48m, which means that H2 sales must be at least €27.2m, or almost 31% above H1 revenues. We believe that the Security & Industry segment's performance will strengthen further in H2 due largely to a very strong defence business. In Q2, SFC won another NATO member as customer for both portable and vehicle-based fuel cells as well as power managers. This should support H2 defence revenues. Furthermore, we expect that the large defence order (volume: €4-5m) which was postponed last year will materialise in Q4. SFC's product has already been technically

qualified and according to our knowledge no other competing product has so far achieved technical qualification. The financial means are certainly there and energy solutions are part of this year's defence budget plan.

Estimates for 2016E reduced Following the recent oil price slump – the WTI oil price has fallen 16% to ca. \$40/barrel in the last four weeks – and the high uncertainty regarding the oil price development for the remainder of the year we lower our 2016E estimates. We expect a weak Q3 as the oil & gas business is traditionally weak during the summer holidays. Q4 looks set to be very strong due to the seasonal pick-up in the oil & gas business and a very strong security & industry business.

We have also reduced our estimates for the following years (see figure 2), but still forecast strong sales and earnings growth as the defence business prospects are excellent. Defence budgets are increasing and energy supply is a top priority for NATO members. Furthermore, we expect a recovery in SFC's oil & gas business as its clients are mostly active in ongoing production which remains at a high level. They have reduced and postponed investments for ca. 18 months now and have to invest soon to maintain their production level.

Figure 2: Revisions to forecasts

		2016E			2017E			2018E	
All figures in €m	Old	New	Delta	Old	New	Delta	Old	New	Delta
Sales	52.03	48.25	-7.3%	60.98	57.90	-5.1%	70.00	66.46	-5.1%
EBIT	-1.02	-1.83	-	0.45	0.12	-72.5%	2.45	2.06	-15.9%
margin	-2.0%	-3.8%		0.7%	0.2%		3.5%	3.1%	
Net income	-1.40	-2.36	-	0.06	-0.45	-	1.96	1.58	-19.1%
margin	-2.7%	-4.9%		0.1%	-0.8%		2.8%	2.4%	
EPS (diluted)	-0.16	-0.27	-	0.00	-0.05	-	0.22	0.18	-19.1%

Source: First Berlin Equity Research

Buy reiterated at lower price target An updated DCF model, which incorporates the higher net debt position and the reduced estimates, yields a new price target of €4.80 (previously: €5.10). We reiterate our Buy rating.

Figure 3: Reported figures versus forecasts

All figures in €m	Q2-16A	Q2-16E	Delta	Q2-15	Delta	H1 2016	H1 2015	Delta
Sales	10.50	9.90	6.1%	12.18	-13.8%	20.80	24.79	-16.1%
EBITDA	-1.31	-1.18	-	-1.81	-	-1.76	-2.71	-
margin	-12.5%	-11.9%		-14.9%		-8.5%	-10.9%	
EBITDA adjusted	-1.31	-1.06	-	-1.41	-	-1.85	-1.99	-
margin	-12.5%	-10.7%		-11.6%		-8.9%	-8.0%	
EBIT	-1.89	-1.57	-	-2.42	-	-2.89	-3.93	
margin	-18.0%	-15.9%		-19.9%		-13.9%	-15.9%	
EBIT adjusted	-1.63	-1.32	-	-1.74	-	-2.47	-2.65	-
margin	-15.5%	-13.3%		-14.3%		-11.9%	-10.7%	
Net income	-1.99	-1.67	-	-2.42	-	-3.01	-4.00	-
margin	-18.9%	-16.9%		-19.9%		-14.5%	-16.1%	
EPS (diluted, in €)	-0.21	-0.19	-	-0.28	-	-0.32	-0.46	-

Source: First Berlin Equity Research, SFC Energy AG



VALUATION MODEL

DCF valuation model								
All figures in EUR '000	2016E	2017E	2018E	2019E	2020E	2021E	2022E	2023E
Net sales	48,246	57,895	66,464	75,569	85,187	95,200	105,465	115,810
NOPLAT	-1,834	124	1,994	3,702	4,983	5,856	6,667	7,447
+ depreciation & amortisation	1,825	724	458	502	554	611	673	739
Net operating cash flow	-8	847	2,452	4,204	5,537	6,467	7,340	8,186
- total investments (CAPEX and WC)	-1,644	-3,558	-3,502	-4,082	-3,397	-3,606	-3,780	-3,911
Capital expenditures	-627	-753	-798	-907	-1,015	-1,125	-1,237	-1,348
Working capital	-1,017	-2,805	-2,705	-3,175	-2,383	-2,481	-2,544	-2,564
Free cash flows (FCF)	-1,653	-2,711	-1,050	122	2,140	2,861	3,560	4,275
PV of FCF's	-1,583	-2,337	-815	85	1,344	1,617	1,811	1,957

All figures in thousands	
PV of FCFs in explicit period (2016E-2030E)	17,599
PV of FCFs in terminal period	27,921
Enterprise value (EV)	45,520
+ Net cash / - net debt	-3,399
+ Investments / minority interests	0
Shareholder value	42,121

Fair value per share in EUR

Share of debt capital

Fair value per share in EUR

WACC	11.1%
Cost of equity	12.2%
Pre-tax cost of debt	7.0%
Tax rate	30.0%
After-tax cost of debt	4.9%
Share of equity capital	85.0%

Terminal growth rate										
	1.5%	2.0%	2.5%	3.0%	3.5%	4.0%	4.5%			
7.1%	11.06	11.66	12.38	13.28	14.43	15.94	18.03			
8.1%	8.59	8.93	9.34	9.83	10.42	11.15	12.09			
9.1%	6.82	7.03	7.27	7.55	7.88	8.28	8.76			
10.1%	5.50	5.63	5.78	5.95	6.15	6.37	6.64			
11.1%	4.49	4.57	4.67	4.78	4.90	5.03	5.19			
12.1%	3.70	3.75	3.81	3.88	3.96	4.04	4.14			
13.1%	3.06	3.10	3.14	3.18	3.23	3.29	3.35			
14.1%	2.55	2.57	2.60	2.63	2.66	2.69	2.73			

 $^{^{\}ast}$ for layout purposes the model shows numbers only to 2023, but runs until 2030

15.0%

4.80



INCOME STATEMENT

All figures in EUR '000	2012A	2013A	2014A	2015A	2016E	2017E	2018E
Revenues	31,260	32,413	53,631	47,310	48,246	57,895	66,464
Cost of goods sold	18,497	21,773	37,970	34,083	31,360	37,921	44,198
Gross profit	12,763	10,640	15,661	13,227	16,886	19,974	22,265
S&M	5,862	8,233	10,540	12,499	9,820	10,500	10,634
G&A	3,555	3,860	4,872	5,806	5,000	5,220	5,317
R&D	4,257	6,149	4,530	5,546	3,900	4,130	4,254
Other operating income	749	1,041	170	142	145	174	199
Other operating expenses	362	2,275	159	161	145	174	199
Operating income (EBIT)	-524	-8,836	-4,269	-10,645	-1,834	124	2,060
Net financial result	80	-128	-298	-315	-548	-580	-412
Non-operating expenses	0	0	0	0	0	0	0
Pre-tax income (EBT)	-445	-8,964	-4,567	-10,959	-2,382	-456	1,649
Income taxes	-19	-52	259	-290	-24	-5	66
Minority interests	0	0	0	0	0	0	0
Net income / loss	-426	-8,912	-4,826	-10,669	-2,358	-451	1,583
Diluted EPS (in €)	-0.06	-1.16	-0.60	-1.24	-0.23	-0.05	0.18
EBITDA	730	-4,474	-1,177	-4,651	-8	847	2,518
Ratios							
Gross margin	40.8%	32.8%	29.2%	28.0%	35.0%	34.5%	33.5%
EBIT margin on revenues	-1.7%	-27.3%	-8.0%	-22.5%	-3.8%	0.2%	3.1%
EBITDA margin on revenues	2.3%	-13.8%	-2.2%	-9.8%	0.0%	1.5%	3.8%
Net margin on revenues	-1.4%	-27.5%	-9.0%	-22.6%	-4.9%	-0.8%	2.4%
Tax rate	4.3%	0.6%	-5.7%	2.6%	1.0%	1.0%	4.0%
Expenses as % of revenues							
S&M	18.8%	25.4%	19.7%	26.4%	20.4%	18.1%	16.0%
G&A	11.4%	11.9%	9.1%	12.3%	10.4%	9.0%	8.0%
R&D	13.6%	19.0%	8.4%	11.7%	8.1%	7.1%	6.4%
Other operating expenses	1.2%	7.0%	0.3%	0.3%	0.3%	0.3%	0.3%
Y-Y Growth							
Revenues	n.a.	3.7%	65.5%	-11.8%	2.0%	20.0%	14.8%
Operating income	n.a.	n.m.	n.m.	n.m.	n.m.	n.m.	1563.7%
Operating income	11.0.		11.111.	11.111.			.000 /0



BALANCE SHEET

All figures in EUR '000	2012A	2013A	2014A	2015A	2016E	2017E	2018E
Assets							-
Current assets, total	33,598	25,934	27,542	21,154	23,688	23,394	27,051
Cash and cash equivalents	22,911	7,428	6,407	3,712	6,821	2,535	2,352
Short-term investments	0	0	0	0	0	0	0
Receivables	3,696	9,258	12,766	7,490	9,253	11,896	14,567
Inventories	5,815	7,713	7,653	8,782	6,444	7,792	8,961
Other current assets	1,118	1,426	711	742	742	742	742
Non-current assets, total	14,020	21,715	19,714	14,736	13,537	13,566	13,906
Property, plant & equipment	2,400	2,296	1,601	1,390	1,262	1,415	1,597
Goodwill & other intangibles	11,000	19,054	17,813	12,768	11,697	11,573	11,731
Other assets	619	365	300	578	578	578	578
Total assets	47,617	47,650	47,256	35,889	37,225	36,960	40,957
Shareholders' equity & debt							
Current liabilities, total	7,662	12,669	13,371	13,041	15,734	15,292	14,056
Short-term debt	372	2,139	2,013	2,014	6,300	4,671	2,300
Accounts payable	3,033	5,087	6,872	7,263	5,671	6,857	7,992
Current provisions	999	802	686	667	667	667	667
Other current liabilities	3,258	4,641	3,800	3,097	3,097	3,097	3,097
Long-term liabilities, total	3,562	5,918	6,296	6,291	7,291	7,920	9,920
Long-term debt	0	2,282	3,045	2,203	3,203	3,832	5,832
Deferred revenue	0	0	0	0	0	0	0
Other liabilities	3,562	3,636	3,251	4,088	4,088	4,088	4,088
Minority interests	0	0	0	0	0	0	0
Shareholders' equity	36,394	29,063	27,589	16,558	14.199	13,748	16.981
Share capital	7,503	8,020	8,611	8,611	8,611	8,611	8,882
Capital reserve	67,879	69,570	71,955	72,017	72,017	72,017	73,397
Other reserves	0	0	0	0	0	0	0
Treasury stock	0	0	0	0	0	0	0
Loss carryforward / retained earnings	-38,951	-47,863	-52,689	-63,358	-65,716	-66,168	-64,585
Total consolidated equity and debt	47,617	47,650	47,256	35,889	37,225	36,960	40,957
Ratios							
Current ratio (x)	4.39	2.05	2.06	1.62	1.51	1.53	1.92
Quick ratio (x)	3.63	1.44	1.49	0.95	1.10	1.02	1.29
Net cash	22,539	3,007	1,349	-505	-2,682	-5,968	-5,780
Net gearing	-61.9%	-10.3%	-4.9%	3.0%	18.9%	43.4%	0.0%
Book value per share (€)	4.85	3.79	3.44	1.92	1.65	1.60	1.91
Return on equity (ROE)	-1.2%	-30.7%	-17.5%	-64.4%	-16.6%	-3.3%	9.3%
Days of sales outstanding (DSO)	43.2	104.3	86.9	57.8	70.0	75.0	80.0
Days of inventory turnover	114.7	129.3	73.6	94.0	75.0	75.0	74.0
Days in payables (DIP)	59.9	85.3	66.1	77.8	66.0	66.0	66.0



CASH FLOW STATEMENT

All figures in EUR '000	2012A	2013A	2014A	2015A	2016E	2017E	2018E
EBIT	-524	-8,836	-4,269	-10,645	-1,834	124	2,060
Depreciation and amortisation	1,255	4,362	3,093	5,994	1,825	724	458
EBITDA	730	-4,474	-1,177	-4,651	-8	847	2,518
Changes in working capital	85	-2,188	-2,015	3,216	-1,017	-2,805	-2,705
Other adjustments	443	-649	-361	-429	-524	-575	-478
Operating cash flow	1,258	-7,311	-3,553	-1,864	-1,550	-2,533	-664
CAPEX	-561	-345	-181	-294	-289	-405	-465
Investments in intangibles	-318	-327	-452	-1,055	-338	-347	-332
Free cash flow	380	-7,984	-4,186	-3,213	-2,177	-3,286	-1,462
Debt financing, net	-388	-1,469	826	699	5,286	-1,000	-371
Equity financing, net	0	0	3,263	0	0	0	1,650
Other changes in cash	191	-6,029	-923	-332	0	0	0
Net cash flows	183	-15,482	-1,020	-2,845	3,109	-4,286	-183
Cash, start of the year	0	22,911	7,143	6,407	3,712	6,821	2,535
Cash, end of the year	183	7,428	6,123	3,562	6,821	2,535	2,352
EBITDA/share (in €)	0.10	-0.58	-0.15	-0.54	0.00	0.10	0.28
Y-Y Growth							
Operating cash flow	n.a.	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.
Free cash flow	n.a.	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.
EBITDA/share	n.a.	n.m.	n.m.	n.m.	n.m.	n.m.	188.1%



FIRST BERLIN RECOMMENDATION & PRICE TARGET HISTORY

Report No.:	Date of publication	Previous day closing price	Recommendation	Price target
Initial Report	23 June 2014	€4.84	Buy	€7.40
212	\downarrow	\downarrow	\downarrow	↓
13	8 March 2016	€3.53	Buy	€5.30
14	3 May 2016	€3.93	Buy	€5.30
15	17 May 2016	€3.80	Buy	€5.10
16	Today	€3.70	Buy	€4.80

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

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- key sources of information in the preparation of this research report
- valuation methods and principles
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