

SFC Energy AG

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

Update

RATING PRICE TARGET

ADD € 4.30

Return Potential 10.9% Risk Rating High

EXERCISED OPTION ADDS €0.4M IN CASH

The Singaporean investor exercised the option bond issued by SFC Energy in October 2016. SFC receives €0.4m in cash and bolsters its equity. Since publication of encouraging Q1 figures (revenue: +27% y/y) in May, SFC has generated positive newsflow in various business segments. The high Q1 order backlog and relatively stable oil price hint at similarly good Q2 figures. We slightly increase our price target to €4.30 (previously: €4.20 and reiterate our Add rating.

Cash injection through exercised option The exercised option will increase the share count by 161,427 to 9,208,676 shares. The exercise price is €2.4779. SFC thus receives €0.4m in cash which will be used to finance the current business. At the end of Q1, the cash position (excluding restricted cash of €0.3m) was €2.4m. We believe that SFC is still in negotiations with potential investors to improve its financial leeway. The positive newsflow from various business segments looks set to facilitate the negotiations.

Simark newsflow shows increasing business activity in Canada In July, SFC's subsidiary Simark received an order for 31 fuel cell-based autonomous off-grid hybrid energy solutions. Simark's partner 3D-P sells its off-grid communication trailers, which contain SFC's energy solutions, to a large end user in the Alberta oil sands.

In June, Simark widened its network and partnered with KNS Communications for powering high performance wireless networks. KNS will employ SFC's fuel cells for its off-grid communication systems in Canada and the U.S.

In May, Simark received a CAD 1.4m follow-up order for its Variable Frequency Drive (VFD) systems from an Alberta oil producer, which had already placed a CAD 2.0m order for the same system earlier this year.

In the last three months, the oil price was relatively stable (-7%). Recently, WTI increased from its three months low of 42 \$/bl. in June to almost 48 \$/bl. We believe that at levels between 40-50 \$/bl. Canadian oil producers are profitable and continue to expand their production. For this reason, SFC's...

FINANCIAL HISTORY & PROJECTIONS

	2014	2015	2016	2017E	2018E	2019E
Revenue (€m)	53.63	47.31	44.04	49.95	57.34	65.20
Y-o-y growth	65.5%	-11.8%	-6.9%	13.4%	14.8%	13.7%
EBIT (€m)	-4.27	-10.64	-4.90	-2.02	0.17	2.41
EBIT margin	-8.0%	-22.5%	-11.1%	-4.0%	0.3%	3.7%
Net income (€m)	-4.83	-10.67	-4.99	-3.00	-0.85	1.35
EPS (diluted) (€)	-0.60	-1.24	-0.58	-0.33	-0.09	0.15
DPS (€)	0.00	0.00	0.00	0.00	0.00	0.00
FCF (€m)	-4.19	-3.21	-6.15	-3.01	-2.63	-0.66
Net gearing	-4.9%	11.0%	53.5%	90.7%	125.0%	115.9%
Liquid assets (€m)	6.41	3.71	2.04	2.12	1.12	1.46

RISKS

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

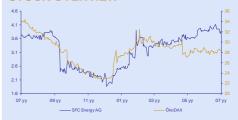
COMPANY PROFILE

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 20 Jul 2017
Closing Price	€ 3.88
Shares outstanding	9.05m
Market Capitalisation	€ 35.09m
52-week Range	€ 1.85 / 4.12
Avg. Volume (12 Months)	5.573

Multiples	2016	2017E	2018E
P/E	n.a.	n.a.	n.a.
EV/Sales	1.0	0.9	0.7
EV/EBIT	n.a.	n.a.	249.8
Div. Yield	0.0%	0.0%	0.0%

STOCK OVERVIEW



COMPANY DATA	As of 31 Mar 2017
Liquid Assets	€ 2.40m
Current Assets	€ 20.37m
Intangible Assets	€ 11.46m
Total Assets	€ 33.68m
Current Liabilities	€ 12.41m
Shareholders' Equity	€ 12.31m
SHARFHOI DERS	

HPE	26.5%
DWS	8.8%
Havensight	8.5%
Other	16.7%
Free Float	39.5%

...subsidiary Simark is seeing strong demand for its products, especially for SFC's fuel cells.

Laser power supply system prototype order for PBF In June, SFC's subsidiary PBF received a laser power supply system prototype order from an international laser tool producer via its partner Schulz-Electronic. The prototype order value amounts to €0.25m. After successful prototype qualification PBF expects an annual revenue potential of €1.0m.

SFC's domestic and international defence business continues to generate revenues In May, SFC received an order (value: €160k) from the German Federal Army for the extension of their portable MKEV 100. MKEV stands for mobile and very small energy supply (German: "Mobile Kleinstenergieversorgung"). The new demonstrator prototype significantly increases energy flexibility and autonomy with an external tank and improved communication functions. The MKEV 100 builds on the MKEV 25, a fuel-cell system which the German Army has already been using in their missions. The new order is a clear sign of the German Army's confidence in SFC's technological capability and products.

Internationally, SFC celebrated its first success in the UK together with its local distribution partner ZeroAlpha. SFC's range of defence products was selected to undergo extensive field trials by the UK Ministry of Defence under both the Army Warfighting Experiment and Information Warrior exercises. We believe that SFC will continue to internationalise its defence business and expect further international orders. In 2016, SFC was active in multiple countries such as Belgium, India, the US, and received an order from an International Defence Force.

Q2 figures on 17 August Due to the high Q1 order backlog (€16m) and strong demand from both the Oil & Gas and the Security & Industry segment, we expect Q2 figures at the high Q1 level.

Add rating reiterated at slightly higher price target Based on unchanged estimates, an updated DCF model yields a new price target of €4.30 (previously: €4.20). We reiterate our Add rating.



All figures in EUR '000	2017E	2018E	2019E	2020E	2021E	2022E	2023E	2024E
Net sales	49,949	57,341	65,197	73,477	82,161	91,146	100,311	109,512
NOPLAT	-2,018	172	2,228	3,664	4,920	5,717	6,446	7,134
+ depreciation & amortisation	856	853	878	925	985	1,050	1,119	1,190
Net operating cash flow	-1,161	1,025	3,106	4,590	5,905	6,768	7,565	8,324
- total investments (CAPEX and WC)	-866	-2,632	-2,886	-3,122	-3,299	-3,457	-3,579	-3,657
Capital expenditures	-849	-975	-1,108	-1,249	-1,344	-1,433	-1,514	-1,583
Working capital	-17	-1,657	-1,777	-1,873	-1,955	-2,024	-2,065	-2,074
Free cash flows (FCF)	-2,027	-1,607	221	1,467	2,606	3,311	3,987	4,667
PV of FCF's	-1,932	-1,375	170	1,013	1,615	1,843	1,993	2,095

All figures in thousands	
PV of FCFs in explicit period (2017E-2031E)	20,710
PV of FCFs in terminal period	25,767
Enterprise value (EV)	46,477
+ Net cash / - net debt	-7,253
+ Investments / minority interests	0
Shareholder value	39,223

Fair value per share in EUR

WACC	11.3%
Cost of equity	13.0%
Pre-tax cost of debt	7.0%
Tax rate	30.8%
After-tax cost of debt	4.8%
Share of equity capital	80.0%
Share of debt capital	20.0%
Fair value per share in EUR	4.30

Terminal growth rate							
	1.5%	2.0%	2.5%	3.0%	3.5%	4.0%	4.5%
7.3%	9.60	10.16	10.83	11.66	12.70	14.06	15.89
8.3%	7.50	7.84	8.24	8.71	9.28	9.98	10.86
9.3%	5.97	6.19	6.44	6.73	7.06	7.46	7.95
10.3%	4.82	4.97	5.13	5.31	5.52	5.77	6.05
11.3%	3.93	4.03	4.14	4.26	4.40	4.55	4.73
12.3%	3.23	3.29	3.37	3.45	3.54	3.65	3.76
13.3%	2.66	2.71	2.76	2.82	2.88	2.95	3.03
14.3%	2.19	2.23	2.26	2.31	2.35	2.40	2.45

 $^{^{\}star}$ for layout purposes the model shows numbers only to 2024, but runs until 2031



All figures in EUR '000	2014A	2015A	2016A	2017E	2018E	2019E
Revenues	53,631	47,310	44,041	49,949	57,341	65,197
Cost of goods sold	37,970	34,083	30,795	32,717	37,559	43,095
Gross profit	15,661	13,227	13,247	17,232	19,783	22,102
S&M	10,540	12,499	9,126	9,900	10,207	10,236
G&A	4,872	5,546	4,883	5,120	5,161	5,216
R&D	4,530	5,806	4,148	4,230	4,243	4,238
Other operating income	170	142	96	150	172	196
Other operating expenses	159	161	83	150	172	196
Operating income (EBIT)	-4,269	-10,644	-4,898	-2,018	172	2,412
Net financial result	-298	-315	-475	-1,009	-1,056	-879
Non-operating expenses	0	0	0	0	0	0
Pre-tax income (EBT)	-4,567	-10,959	-5,373	-3,027	-884	1,533
Income taxes	259	-290	-380	-30	-35	184
Minority interests	0	0	0	0	0	0
Net income / loss	-4,826	-10,669	-4,993	-2,997	-849	1,349
Diluted EPS (in €)	-0.60	-1.24	-0.58	-0.33	-0.09	0.15
EBITDA	-1,177	-4,650	-2,508	-1,161	1,025	3,290
Ratios						
Gross margin	29.2%	28.0%	30.1%	34.5%	34.5%	33.9%
EBITDA margin on revenues	-2.2%	-9.8%	-5.7%	-2.3%	1.8%	5.0%
EBIT margin on revenues	-8.0%	-22.5%	-11.1%	-4.0%	0.3%	3.7%
Net margin on revenues	-9.0%	-22.6%	-11.3%	-6.0%	-1.5%	2.1%
Tax rate	-5.7%	2.6%	7.1%	1.0%	4.0%	12.0%
Expenses as % of revenues						
S&M	19.7%	26.4%	20.7%	19.8%	17.8%	15.7%
G&A	9.1%	11.7%	11.1%	10.3%	9.0%	8.0%
R&D	8.4%	12.3%	9.4%	8.5%	7.4%	6.5%
Other operating expenses	0.3%	0.3%	0.2%	0.3%	0.3%	0.3%
Y-Y Growth						
Revenues	65.5%	-11.8%	-6.9%	13.4%	14.8%	13.7%
Operating income	n.m.	n.m.	n.m.	n.m.	n.m.	1302.3%
Net income/ loss	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.



All figures in EUR '000	2014A	2015A	2016A	2017E	2018E	2019E
Assets						
Current assets, total	27,542	21,154	20,056	20,634	22,221	25,402
Cash and cash equivalents	6,407	3,712	2,041	2,118	1,120	1,461
Short-term investments	0	0	0	0	0	0
Receivables	12,766	7,490	9,253	9,853	11,311	12,861
Inventories	7,653	8,782	7,718	7,619	8,747	10,036
Other current assets	711	742	888	888	888	888
Non-current assets, total	19,714	14,736	13,737	13,730	13,852	14,082
Property, plant & equipment	1,601	1,390	1,205	1,193	1,237	1,322
Goodwill & other intangibles	17,813	12,768	11,855	11,859	11,937	12,082
Other assets	300	578	678	678	678	678
Total assets	47,256	35,889	33,793	34,364	36,073	39,484
Shareholders' equity & debt						
Current liabilities, total	13,371	13,041	13,335	15,874	15,432	16,494
Short-term debt	2,013	2,014	4,317	6,371	5,000	5,000
Accounts payable	6,872	7,263	5,790	6,274	7,203	8,265
Current provisions	686	667	646	646	646	646
Other current liabilities	3,800	3,097	2,583	2,583	2,583	2,583
Long-term liabilities, total	6,296	6,291	7,119	7,748	10,748	11,748
Long-term debt	3,045	3,520	4,860	5,488	8,488	9,488
Deferred revenue	0	0	0	0	0	0
Other liabilities	3,251	2,772	2,259	2,259	2,259	2,259
Minority interests	0	0	0	0	0	0
Shareholders' equity	27,589	16,558	13,339	10,742	9,893	11,243
Share capital	8,611	8,611	9,047	9,209	9,209	9,209
Capital reserve	71,955	72,017	73,132	73,371	73,371	73,371
Other reserves	0	0	0	0	0	0
Treasury stock	0	0	0	0	0	0
Loss carryforward / retained earnings	-52,689	-63,358	-68,351	-71,347	-72,196	-70,847
Total consolidated equity and debt	47,256	35,889	33,793	34,364	36,073	39,484
Ratios						
Current ratio (x)	2.06	1.62	1.50	1.30	1.44	1.54
Quick ratio (x)	1.49	0.95	0.93	0.82	0.87	0.93
Net cash	1,349	-1,821	-7,135	-9,742	-12,369	-13,027
Net gearing	-4.9%	11.0%	53.5%	90.7%	125.0%	115.9%
Book value per share (€)	3.44	1.92	1.54	1.17	1.07	1.22
Return on equity (ROE)	-17.5%	-64.4%	-37.4%	-27.9%	-8.6%	12.0%
Days of sales outstanding (DSO)	86.9	57.8	76.7	72.0	72.0	72.0
Days of inventory turnover	73.6	94.0	91.5	85.0	85.0	85.0
Days in payables (DIP)	66.1	77.8	68.6	70.0	70.0	70.0



CASH FLOW STATEMENT

All figures in EUR '000	2014A	2015A	2016A	2017E	2018E	2019E
EBIT	-4,269	-10,644	-4,898	-2,018	172	2,412
Depreciation and amortisation	3,093	5,994	2,390	856	853	878
EBITDA	-1,177	-4,650	-2,508	-1,161	1,025	3,290
Changes in working capital	-2,015	3,216	-3,541	-17	-1,657	-1,777
Other adjustments	-361	-429	818	-979	-1,021	-1,063
Operating cash flow	-3,553	-1,863	-5,231	-2,157	-1,652	450
CAPEX	-181	-294	-301	-350	-401	-456
Investments in intangibles	-452	-1,055	-619	-499	-573	-652
Free cash flow	-4,186	-3,212	-6,151	-3,006	-2,627	-658
Debt financing, net	826	699	2,834	2,683	1,629	1,000
Equity financing, net	3,263	0	1,500	400	0	0
Other changes in cash	-923	-332	296	0	0	0
Net cash flows	-1,020	-2,845	-1,521	77	-998	342
Cash, start of the year	7,143	6,407	3,276	2,041	2,118	1,120
Cash, end of the year	6,123	3,563	1,756	2,118	1,120	1,461
EBITDA/share (in €)	-0.15	-0.54	-0.29	-0.13	0.11	0.36
Y-Y Growth						
Operating cash flow	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.
Free cash flow	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.
EBITDA/share	n.m.	n.m.	n.m.	n.m.	n.m.	220.9%



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
220	\downarrow	\downarrow	\downarrow	↓
21	17 February 2017	€3.42	Add	€4.10
22	10 April 2017	€3.49	Add	€4.10
23	12 May 2017	€3.67	Add	€4.20
24	Today	€3.88	Add	€4.30

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- 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/

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