

Analyst: Ramon Alfonso
Ikaum Bawa

Description

PowerCell Sweden AB is a Sweden-based company active in the **field of clean energy**. PowerCell Sweden AB develops and produces fuel cells and fuel cell systems for automotive, stationary, and mobile applications in Sweden and internationally.

The company has developed a system of **fuel cell platforms that are powered by pure hydrogen gas**, produced on an environment-friendly basis, where only electricity, heat and water are emitted. It offers fuel cell stacks under the PowerCell S2, which is based on fuel cell technology used in back-up power generators, micro CHP for household, and as an extender for electrical vehicles; and PowerCell S3, which is used for power generation of renewable energy stored in hydrogen, as well as for fossil free propulsion of vehicles or vessels.

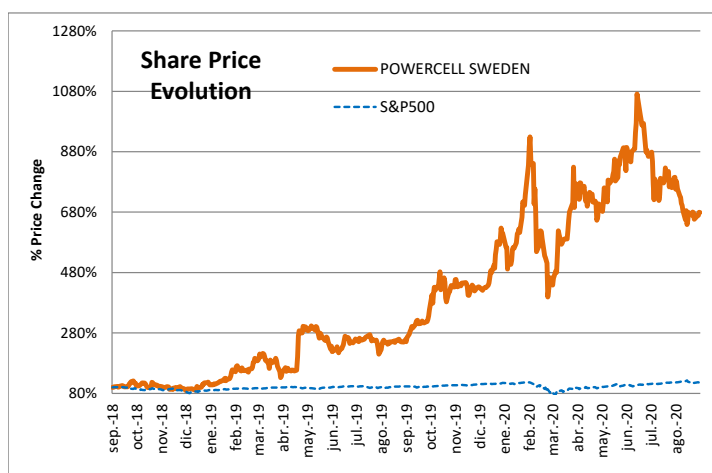
The company also provides **PowerCell PS-5, a fuel cell system that is used for electricity generation**, as well as a back-up power generator for **telecom, traffic, building, and household applications**; PowerCell PS-100, a stationary system to reduce power consumption during periods of imbalances in industry's energy requirements; **PowerCell MS-30, a fuel cell system for battery-operated electric vehicles**; and **PowerCell MS-100 for vehicles and marine systems**. In addition, it offers engineering services and zero emission solutions.

Geographically, it derives majority revenue from Germany and also has a presence in **China, Sweden, Taiwan, the US, and other countries**. It serves transportation, marine, stationary, and other markets.

In **July 2020, PowerCell announced the appointment of Richard Berkling as CEO**, taking over from Per Wassén, who has served as CEO since 2014 (and chairman from 2008-14). Mr Berkling is currently CEO of CPAC Systems, an engineering and technology company focused on automation and streamlining processes, notably in the marine and off-road sectors. He is expected to take up his role as CEO of PowerCell by the end of 2020. **PowerCell was founded in 2008 as an industrial spinout from the Volvo Group** and is based in Gothenburg, Sweden.

NEXT QUARTERLY EARNINGS RELEASED	04/11/2020
YEAR END CLOSING DATE	31/03/2020

Link to Investor Relations
<https://www.powercell.se/en/investors/>



COMPANY	POWERCELL SWEDEN		
ISIN Code	SE0006425815	SEK	
FISCAL YEAR END	31/03/2020		
SECTOR GICS	Industrials /Electrical Equipment		
MARKET CAPITALIZATION	12,189.2	Millions SEK	
CURRENT PRICE	235.0	Price Upside Analysis	
TARGET PRICE	305.3	30%	BUY
PE	Current Year	Next Year	In 2 Years
	27.8	5,592.7	1,940.9
RATIOS	ROE	% DVY	EV/EBITDA
	77%	0.0%	-186.5
	BETA	WACC	DEBT/EQY
	1.1	11.4%	17.5%
PRICE CHANGE	Last Month	3 Month	12 Month
POWERCELL SWEDEN	0.0%	-30.3%	79.4%
S&P500	-3.1%	4.2%	10.8%
QUANT Q-SCORE	Historic	Forecast	Global
Q-SCORE	4 /10	5 /10	4 /10
QUALITY COMPANY	FINE	FINE	FINE

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SECTION 1. FINANCIAL STATEMENTS

Financial Statements: Profit and Loss Account

- Closed years and Forecast for the next 3 years.

PROFIT AND LOSS ACCOUNT (P/L)	Historic							Forecast		
Amounts in Millions	2014	2015	2016	2017	2018	2019		2020	2021	2022
REVENUES (1)	1.5	5.1	12.2	36.7	60.5	66.9		83.6	104.5	130.6
% Increase in Revenues		241.8%	138.9%	201.5%	64.7%	10.5%		25.0%	25.0%	25.0%
COGS & General Expenses	41.3	63.7	72.5	97.2	112.2	130.5		71.0	83.6	91.4
EBITDA (2)	-39.8	-58.6	-60.3	-60.5	-51.7	-63.6		12.5	20.9	39.2
Margin Ebitda/Revenues % (2)/(1)	-2669.3%	-1149.2%	-494.7%	-164.6%	-85.4%	-95.2%		15.0%	20.0%	30.0%
Depreciation & Amortization	6.1	6.2	5.8	6.2	7.9	15.8		18.6	21.8	25.7
EBIT (3)	-45.9	-64.8	-66.1	-66.7	-59.6	-79.5		-6.1	-1.0	13.5
Margin EBIT/Revenues % (3)/(1)	-3077.1%	-1269.9%	-542.5%	-181.5%	-98.5%	-118.9%		-7.3%	-0.9%	10.3%
Financial Expenses (+)	1.1	0.9	0.8	0.0	0.2	0.2		0.4	0.7	1.0
Financial Income (-) and Other	-0.1	-0.5	-1.2	0.0	1.9	-517.7		-9.0	-8.9	-0.5
PROFIT BEFORE TAX (PBT) (4)	-47.0	-65.2	-65.7	-66.7	-61.7	438.1		2.5	7.3	13.1
Margin PBT/Revenues % (4)/(1)	-3148.9%	-1278.2%	-538.8%	-181.6%	-102.0%	655.4%		3.0%	7.0%	10.0%
Other Adjustments to Net Income	0.0	0.0	0.0	0.0	0.2					
Corporate Tax (5)			0.0	0.0	0.0	0.1		0.3	0.9	1.6
% Effective Corporate Tax (5)/(4)			0.0%	0.0%	0.0%	0.0%		12.0%	12.0%	12.0%
NET PROFIT (6)	-47.0	-65.2	-65.7	-66.7	-61.9	438.0		2.2	6.4	11.5
Margin Net Profit / Revenues % (6)/(1)	-3148.9%	-1278.2%	-538.8%	-181.6%	-102.2%	655.2%		2.6%	6.2%	8.8%
% net earnings growth		-38.8%	-0.7%	-1.6%	7.3%	808.0%		-99.5%	191.7%	78.6%

Amounts in Millions	2014	2015	2016	2017	2018	2019		2020	2021	2022
Dividends Paid (out of Net Profit) (7)	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
% Pay out (7)/(6)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%
Dividend Yield	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
Number of Shares (Millions)	35.4	35.7	40.2	48.2	51.9	51.9		52.5	53.1	53.8
Earnings per Share (EPS)	-1.33	-1.83	-1.63	-1.38	-1.19	8.44		0.04	0.12	0.21
EPS Growth		38%	-11%	-15%	-14%	-808%		-100%	188%	76%

Financial Statements: Balance Sheet

- Closed years and Forecast for the next 3 years.

BALANCE SHEET (B/S)	Historic							Forecast		
Amounts in Millions	2014	2015	2016	2017	2018	2019		2020	2021	2022
Cash and Banks	105.9	41.0	61.2	217.8	98.3	440.9		551.2	689.0	861.2
Accounts Receivable	0.4	2.5	2.8	13.6	18.6	104.6		78.2	97.8	122.2
Inventories	0.7	1.7	3.4	6.5	32.7	43.3		12.7	15.0	16.4
Other Current Assets	14.9	9.0	10.1	12.7	23.9	19.8		13.8	13.8	13.8
CURRENT ASSETS (1)	121.9	54.2	77.5	250.6	173.5	608.7		655.9	815.5	1,013.6
Material Fixed Assets	49.3	51.8	58.3	62.9	91.6	130.7		153.6	180.5	212.1
Non-Material Fixed Assets	0.5	0.2	1.0	2.8	1.1	1.6		1.8	2.0	2.2
Other Fixed Assets	-0.4	0.0	-6.0	0.0	1.6	0.6		0.6	0.6	0.6
Depreciation and Amortization	24.1	30.3	34.6	42.2	50.7	58.4		77.0	98.8	124.5
FIXED ASSETS (2)	25.2	21.8	18.7	23.5	43.7	74.6		233.0	282.0	339.5
TOTAL ASSETS (1)+(2)	147.1	75.9	96.1	274.1	217.1	683.2		888.9	1,097.5	1,353.1
Accounts Payable	14.9	5.5	4.4	14.3	12.8	10.9		15.7	18.5	20.2
Short Term Debt (5)	0.0	0.0	0.0	0.0	0.1	7.1		7.3	19.0	31.4
Other Current Liabilities	13.6	17.8	14.5	31.0	30.5	28.4		4.3	0.6	0.1
CURRENT LIABILITIES (3)	28.5	23.3	19.0	45.3	43.3	46.4		27.2	38.1	51.7
Long Term Debt (6)	2.9	40.0	27.0	32.0	39.0	41.1		47.3	54.4	62.6
Non Current Liabilities (7)	42.1	41.4	40.7	39.9	46.6	71.5		246.9	431.1	653.5
Total Debt ST+LT (5)+(6)+(7)	45.0	81.4	67.7	71.9	85.6	119.8		301.5	504.5	747.4
Total Liabilities (LT+CURRENT) (8)=(3)+(6)+(7)	70.6	64.6	59.6	85.2	89.9	117.9		321.5	523.6	767.7
SHAREHOLDERS' EQUITY (4)	76.5	11.3	36.5	188.9	127.2	565.3		567.5	573.9	585.4
TOTAL SH. EQUITY + LIABILITIES (8)+(4)	147.1	75.9	96.1	274.1	217.1	683.2		888.9	1,097.5	1,353.1

Number of Shares (in Millions)	35.4	35.7	40.2	48.2	51.9	51.9		52.5	53.1	53.8
Share prices as of the end of Year	67.4	78.1	76.0	129.2	179.2	235.0				
Buy-Back amount in millions		-18.8	-354.9	-607.4	-469.9	0.0				

Financial Statements: Free Cash Flow

- Closed years and Forecast for the next 3 years.

NET CHANGE IN CASH	Historic						Forecast		
Amounts in Millions	2014	2015	2016	2017	2018	2019	2020	2021	2022
Net Profit	-47.0	-65.2	-65.7	-66.7	-61.7	438.1	2.5	7.3	13.1
Net Change from Operations (Estimated)	-40.0	-64.5	-68.0	-51.3	-100.0	369.1	443.0	531.6	637.9
Net Change From Investments (Estimated)	-1.2	-2.5	-2.7	-11.0	-18.8	-1.7	-1.2	-0.8	-0.6
Net Change From Financial Operations (Est.)	122.4	2.2	90.9	218.9	-1.1	-24.8	-29.7	-35.7	-42.8
NET CHANGE IN CASH (ESTIMATED)	81.1	-64.8	20.2	156.6	-119.9	342.7	754.8	1,249.8	1,844.3

FREE CASH FLOW	Historic						Forecast		
Amounts in Millions	2014	2015	2016	2017	2018	2019	2020	2021	2022
FREE CASH FLOW FROM OPERATIONS	-40.0	-64.5	-68.0	-51.3	-100.0	369.1	446.7	540.5	654.0
CAPITAL EXPENDITURES	1.2	2.5	0.0	0.0	17.1	1.7	2.1	2.6	3.3
FREE CASH FLOW	-41.2	-67.0	-68.0	-51.3	-117.1	367.5	444.6	537.9	650.7

SECTION 2. RATIO ANALYSIS

- Closed years and Forecast for the next 3 years.

TOTAL RATIO SCORING		
TOTAL RATIO HISTORIC SCORING:	4 / 10	FORECAST SCORING: 5 / 10

LIQUIDITY RATIOS	Historic			Historic Scoring:			9 / 10	Forecast	Scoring:	10 / 10
Amounts in Millions	2014	2015	2016	2017	2018	2019	2020	2021	2022	
Current Assets (1)	121.9	54.2	77.5	250.6	173.5	608.7	655.9	815.5	1,013.6	
Current Liabilities (2)	28.5	23.3	19.0	45.3	43.3	46.4	27.2	38.1	51.7	
CURRENT or SOLVENCY RATIO (1)/(2)	4.3	2.3	4.1	5.5	4.0	13.1	24.1	21.4	19.6	
DIAGNOSTIC: Is it bigger than 1,5?	YES	YES	YES	YES	YES	YES	YES	YES	YES	
Cash and Banks (1)	105.9	41.0	61.2	217.8	98.3	440.9	551.2	689.0	861.2	
Accounts Receivable (2)	0.4	2.5	2.8	13.6	18.6	104.6	78.2	97.8	122.2	
Current Liabilities (3)	28.5	23.3	19.0	45.3	43.3	46.4	27.2	38.1	51.7	
TREASURY RATIO (1)+(2)/(3)	3.7	1.9	3.4	5.1	2.7	11.7	23.1	20.6	19.0	
DIAGNOSTIC: Is it bigger than 1?	YES	YES	YES	YES	YES	YES	YES	YES	YES	
Shareholders' Equity	76.5	11.3	36.5	188.9	127.2	565.3	567.5	573.9	585.4	
Total Shareholders' Equity+Liabilities	147.1	75.9	96.1	274.1	217.1	683.2	888.9	1,097.5	1,353.1	
SHAREHOLDERS EQUITY/TOTAL LIABILITIES	52%	15%	38%	69%	59%	83%	64%	52%	43%	
DIAGNOSTIC: Is it bigger than 40%?	YES	NO	NO	YES	YES	YES	YES	YES	YES	

MARGIN RATIOS	Historic			Historic Scoring:			1 / 10	Forecast	Scoring:	1 / 10
Amounts in Millions	2014	2015	2016	2017	2018	2019	2020	2021	2022	
EBITDA (1)	-39.8	-58.6	-60.3	-60.5	-51.7	-63.6	12.5	20.9	39.2	
Revenues (2)	1.5	5.1	12.2	36.7	60.5	66.9	83.6	104.5	130.6	
EBITDA MARGIN (1)/(2)	-2669.3%	-1149.2%	-495%	-165%	-85%	-95%	15%	20%	30%	
DIAGNOSTIC: Is it bigger than 25%?	NO	NO	NO	NO	NO	NO	NO	NO	YES	
EBIT (1)	-45.9	-64.8	-66.1	-66.7	-59.6	-79.5	-6.1	-1.0	13.5	
Revenues (2)	1.5	5.1	12.2	36.7	60.5	66.9	83.6	104.5	130.6	
EBIT MARGIN (1)/(2)	-3077.1%	-1269.9%	-542%	-182%	-98%	-119%	-7%	-1%	10%	
DIAGNOSTIC: Is it bigger than 15%?	NO	NO	NO	NO	NO	NO	NO	NO	NO	
Net Profit (1)	-47.0	-65.2	-65.7	-66.7	-61.9	438.0	2.2	6.4	11.5	
Revenues (2)	1.5	5.1	12.2	36.7	60.5	66.9	83.6	104.5	130.6	
NET PROFIT / REVENUES (1)/(2)	-3148.9%	-1278.2%	-539%	-182%	-102%	655%	3%	6%	9%	
DIAGNOSTIC: Is it bigger than 10%?	NO	NO	NO	NO	NO	YES	NO	NO	NO	

LONG TERM SOLVENCY RATIOS	Historic			Historic Scoring:			5 /10	Forecast	Scoring:			4 /10
Amounts in Millions	2014	2015	2016	2017	2018	2019		2020	2021	2022		
Total Liabilities (1)	70.6	64.6	59.6	85.2	89.9	117.9		321.5	523.6	767.7		
Liabilities + Sh. Equity (2)	147.1	75.9	96.1	274.1	217.1	683.2		888.9	1,097.5	1,353.1		
LEVERAGE RATIO (1)/(2)	48.0%	85.2%	62%	31%	41%	17%		36%	48%	57%		
DIAGNOSTIC: Is it less than 50%?	YES	NO	NO	YES	YES	YES		YES	YES	NO		
Current Liabilities (1)	28.5	23.3	19.0	45.3	43.3	46.4		27.2	38.1	51.7		
Total Liabilities (2)	70.6	64.6	59.6	85.2	89.9	117.9		321.5	523.6	767.7		
TREASURY RATIO (1)+(2)/(3)	40.4%	36.0%	32%	53%	48%	39%		8%	7%	7%		
DIAGNOSTIC: Is it less than 50%?	YES	YES	YES	NO	YES	YES		YES	YES	YES		
EBITDA (1)	-39.8	-58.6	-60.3	-60.5	-51.7	-63.6		12.5	20.9	39.2		
Total Liabilities (2)	70.6	64.6	59.6	85.2	89.9	117.9		321.5	523.6	767.7		
PAYBACK ABILITY RATIO (1)/(2)	-56.4%	-90.7%	-101%	-71%	-57%	-54%		4%	4%	5%		
DIAGNOSTIC: Is it bigger than 30%?	NO	NO	NO	NO	NO	NO		NO	NO	NO		
Financial Debt Short + Long Term (1)	45.0	81.4	67.7	71.9	85.6	119.8		301.5	504.5	747.4		
Shareholders Equity (2)	76.5	11.3	36.5	188.9	127.2	565.3		567.5	573.9	585.4		
FINANCIAL DEBT/SHAREHOLDERS EQUITY	58.9%	722.3%	185%	38%	67%	21%		53%	88%	128%		
DIAGNOSTIC: Is it less than 50%?	NO	NO	NO	YES	NO	YES		NO	NO	NO		

TURNOVER RATIOS	Historic			Historic Scoring:			2 /10	Forecast	Scoring:			0 /10
Amounts in Millions	2014	2015	2016	2017	2018	2019		2020	2021	2022		
Accounts Receivable (1)	0.4	2.5	2.8	13.6	18.6	104.6		78.2	97.8	122.2		
Revenues (2)	1.5	5.1	12.2	36.7	60.5	66.9		83.6	104.5	130.6		
DAYS SALES OUTSTANDING (1)/(2)*365	104.5	177.9	84.3	135.0	112.4	571.0		341.7	341.7	341.7		
Inventory (1)	0.7	1.7	3.4	6.5	32.7	43.3		12.7	15.0	16.4		
Cost of Goods Sold (2)	41.3	63.7	72.5	97.2	112.2	130.5		71.0	83.6	91.4		
DAYS INVENTORY OUTSTANDING (1)/(2)*365	6.1	9.8	16.9	24.4	106.5	121.2		65.5	65.5	65.5		
Accounts Payable +Other Current Liabilities (1)	21.7	14.4	11.7	29.8	28.0	25.1		17.8	18.8	20.2		
COGS & General Expenses (2)	41.3	63.7	72.5	97.2	112.2	130.5		71.0	83.6	91.4		
DAYS PAYMENT OUTSTANDING (1)/(2)*365	191.4	82.3	58.8	111.9	91.1	70.2		91.6	82.0	80.8		
DIAGNOSTIC: PAYMENT DAYS>SALES DAYS?	YES	NO	NO	NO	NO	NO		NO	NO	NO		
Days Sales Outstanding (1)	104.5	177.9	84.3	135.0	112.4	571.0		341.7	341.7	341.7		
Days Inventory Outstanding (2)	6.1	9.8	16.9	24.4	106.5	121.2		65.5	65.5	65.5		
Days Payment Outstanding (3)	191.4	82.3	58.8	111.9	91.1	70.2		91.6	82.0	80.8		
CASH CONVERSION CYCLE (1)+(2)-(3)	-80.9	105.4	42.4	47.5	127.7	622.0		315.5	325.1	326.3		
DIAGNOSTIC: The more negative, the better	YES	NO	NO	NO	NO	NO		NO	NO	NO		
Revenue (1)	1.5	5.1	12.2	36.7	60.5	66.9		83.6	104.5	130.6		
Assets (2)	147.1	75.9	96.1	274.1	217.1	683.2		888.9	1,097.5	1,353.1		
ASSET TURNOVER (1)/(2)	0.0	0.1	0.1	0.1	0.3	0.1		0.1	0.1	0.1		

SELF FINANCING RATIOS	Historic			Historic Scoring:			2 /10	Forecast	Scoring:			10 /10
Amounts in Millions	2014	2015	2016	2017	2018	2019		2020	2021	2022		
Free Cash Flow (1)	-41.23	-67.01	-67.97	-51.32	-117.08	367.48		444.58	537.86	650.71		
Dividends (2)	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		
Revenues (3)	1.49	5.10	12.19	36.74	60.51	66.85		83.56	104.45	130.57		
SELF FINANCING OVER REVENUES (1)-(2)/(3)	-2763%	-1314%	-558%	-140%	-193%	550%		532%	515%	498%		
Is it bigger than 10%	NO	NO	NO	NO	NO	YES		YES	YES	YES		
Free Cash Flow (1)	-41.23	-67.01	-67.97	-51.32	-117.08	367.48		444.58	537.86	650.71		
Dividends (2)	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		
Assets (3)	147.08	75.91	96.15	274.07	217.12	683.21		888.94	1,097.51	1,353.11		
SELF FINANCING OVER ASSETS (1)-(2)/(3)	-28%	-88%	-71%	-19%	-54%	54%		50%	49%	48%		
Is it bigger than 6%	NO	NO	NO	NO	NO	YES		YES	YES	YES		

RETURN ON ASSETS	Historic						Historic Scoring: 1 / 10	Forecast	Scoring: 6 / 10	
Amounts in Millions	2014	2015	2016	2017	2018	2019		2020	2021	2022
EBIT (1)	-45.9	-64.8	-66.1	-66.7	-59.6	-79.5		-6.1	-1.0	13.5
Total Assets (2)	147.1	75.9	96.1	274.1	217.1	683.2		888.9	1,097.5	1,353.1
ROA (1)/(2)	-31%	-85%	-69%	-24%	-27%	-12%		-1%	0%	1%
Is it bigger than 10%?	NO	NO	NO	NO	NO	NO		NO	NO	NO
EBIT (1)	-45.9	-64.8	-66.1	-66.7	-59.6	-79.5		-6.1	-1.0	13.5
Assets (2)	147.1	75.9	96.1	274.1	217.1	683.2		888.9	1,097.5	1,353.1
Current Liabilities (3)	28.5	23.3	19.0	45.3	43.3	46.4		27.2	38.1	51.7
ROCE on EBIT (1)/(2-3)	-39%	-123%	-86%	-29%	-34%	-12%		-1%	0%	1%
DIAGNOSTIC: Is it bigger than 15%?	NO	NO	NO	NO	NO	NO		NO	NO	NO
Free Cash Flow (1)	-41.2	-67.0	-68.0	-51.3	-117.1	367.5		444.6	537.9	650.7
Assets (2)	147.1	75.9	96.1	274.1	217.1	683.2		888.9	1,097.5	1,353.1
Current Liabilities (3)	28.5	23.3	19.0	45.3	43.3	46.4		27.2	38.1	51.7
ROCE on FCF (1)/(2-3)	-35%	-127%	-88%	-22%	-67%	58%		52%	51%	50%
DIAGNOSTIC: Is it bigger than 10%?	NO	NO	NO	NO	NO	YES		YES	YES	YES
Cash Flow from Operations (1)	-40.0	-64.5	-68.0	-51.3	-100.0	369.1		446.7	540.5	654.0
Assets (2)	147.1	75.9	96.1	274.1	217.1	683.2		888.9	1,097.5	1,353.1
CASH FLOW OPERATIONS TO ASSETS (1)/(2)	-27.2%	-85.0%	-70.7%	-18.7%	-46.0%	54.0%		50.2%	49.2%	48.3%
DIAGNOSTIC: Is it bigger than 10%?	NO	NO	NO	NO	NO	YES		YES	YES	YES
Free Cash Flow (1)	-41.2	-67.0	-68.0	-51.3	-117.1	367.5		444.6	537.9	650.7
Revenues (2)	1.5	5.1	12.2	36.7	60.5	66.9		83.6	104.5	130.6
FCF OVER REVENUES (1)/(2)	-2763.5%	-1313.9%	-557.8%	-139.7%	-193.5%	549.7%		532.0%	514.9%	498.4%
DIAGNOSTIC: Is it bigger than 8%?	NO	NO	NO	NO	NO	YES		YES	YES	YES

RETURN ON EQUITY	Historic						Historic Scoring: 2 / 10	Forecast	Scoring: 0 / 10	
Amounts in Millions	2014	2015	2016	2017	2018	2019		2020	2021	2022
Net Profit (1)	-47.0	-65.2	-65.7	-66.7	-61.9	438.0		2.2	6.4	11.5
Revenues (2)	1.5	5.1	12.2	36.7	60.5	66.9		83.6	104.5	130.6
Total Assets (3)	147.1	75.9	96.1	274.1	217.1	683.2		888.9	1,097.5	1,353.1
Shareholders' Equity (4)	76.5	11.3	36.5	188.9	127.2	565.3		567.5	573.9	585.4
Margin (5) = (1)/(2)	-3149%	-1278%	-539%	-182%	-102%	655%		3%	6%	9%
Turnover (6) = (2)/(3)	0.01	0.07	0.13	0.13	0.28	0.10		0.09	0.10	0.10
Operating Leverage (7) = (3)/(4)	1.92	6.74	2.63	1.45	1.71	1.21		1.57	1.91	2.31
ROE Dupont (5)*(6)*(7)	-61%	-579%	-180%	-35%	-49%	77%		0%	1%	2%
Is it bigger than 15%?	NO	NO	NO	NO	NO	YES		NO	NO	NO

FINANCIAL LEVERAGE	Historic						Historic Scoring: 8 / 10	Forecast	Scoring: 3 / 10	
Amounts in Millions	2014	2015	2016	2017	2018	2019		2020	2021	2022
EBIT (1)	-45.9	-64.8	-66.1	-66.7	-59.6	-79.5		-6.1	-1.0	13.5
Profit Before Tax (2)	-47.0	-65.2	-65.7	-66.7	-61.7	438.1		2.5	7.3	13.1
Total Assets (3)	147.1	75.9	96.1	274.1	217.1	683.2		888.9	1,097.5	1,353.1
Shareholders' Equity (4)	76.5	11.3	36.5	188.9	127.2	565.3		567.5	573.9	585.4
PBT/EBIT (5)=(2)/(1)	1.02	1.01	0.99	1.00	1.04	-5.51		-0.4	-7.7	1.0
Assets / Shareh. Equity (6)=(3)/(4)	1.92	6.74	2.63	1.45	1.71	1.21		1.6	1.9	2.3
FINANCIAL LEVERAGE (5)*(6)	2.0	6.8	2.6	1.5	1.8	-6.7		-0.6	-14.6	2.2
Is it bigger than 1%?	YES	YES	YES	YES	YES	NO		NO	NO	YES

DEBT QUALITY RATIOS	Historic							Historic Scoring: 7 /10	Forecast	Scoring: 4 /10	
Amounts in Millions	2014	2015	2016	2017	2018	2019	2020	2021	2022		
ST Financial Debt (1)	0.0	0.0	0.0	0.0	0.0	0.1	7.1	7.3	19.0	31.4	
LT Financial Debt (2)+Other LT (7)	45.0	81.3	67.7	71.9	85.6	112.7	294.2	485.5	716.1		
Total Shareholders Equi+Liabilities (3)	147.1	75.9	96.1	274.1	217.1	683.2	888.9	1,097.5	1,353.1		
DEBT RATIO = (1)+(2)/(3)	31%	107%	70%	26%	39%	18%	34%	46%	55%		
Is it 40%-60%?	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES	
If less than 40%, conservative	CONSERV.			CONSERV.	CONSERV.	CONSERV.	CONSERV.				
Net Profit (1)	-47.0	-65.2	-65.7	-66.7	-61.9	438.0	2.2	6.4	11.5		
ST + LT Financial Debt	45.0	81.4	67.7	71.9	85.6	119.8	301.5	504.5	747.4		
CAPACITY TO SERVICE DEBT	-104%	-80%	-97%	-93%	-72%	366%	1%	1%	2%		
Is it bigger than 40%?	NO	NO	NO	NO	NO	YES	NO	NO	NO		
Financial Expenses	1.1	0.9	0.8	0.0	0.2	0.2	0.4	0.7	1.0		
EBITDA	-39.8	-58.6	-60.3	-60.5	-51.7	-63.6	12.5	20.9	39.2		
EFFECTIVE DEBT COST	-2.9%	-1.5%	-1.3%	0.0%	-0.4%	-0.3%	3.2%	3.2%	2.5%		
Is it smaller than 5%?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	

ALTMAN Z-SCORE	Historic							Historic Scoring: 10 /10	Forecast	Scoring: 10 /10	
Amounts in Millions	2014	2015	2016	2017	2018	2019	2020	2021	2022		
Current Assets - Current Liabilities (1)	93.4	30.9	58.5	205.3	130.2	562.2	628.7	777.4	962.0		
Shareholders' Equity (2)	76.5	11.3	36.5	188.9	127.2	565.3	567.5	573.9	585.4		
EBITDA (3)	-39.8	-58.6	-60.3	-60.5	-51.7	-63.6	12.5	20.9	39.2		
Short & Long Term Financial Debt (4)	45.0	81.4	67.7	71.9	85.6	119.8	301.5	504.5	747.4		
Market Capitalization (5)	2,386.6	2,788.8	3,059.2	6,231.0	9,296.4	12,189.2	12,798.6	13,438.6	14,110.5		
Asset Turnover (6)	0.01	0.07	0.13	0.13	0.28	0.10	0.09	0.10	0.10		
Assets (7)	147.1	75.9	96.1	274.1	217.1	683.2	888.9	1,097.5	1,353.1		
ALTMAN Z-SCORE	32.4	18.8	26.4	53.3	66.2	63.0	27.4	17.7	13.0		
DIAGNOSTIC: Is it bigger than 3?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
If Altman z-score bigger than 3, company will not default											

PIOTROSKI F-SCORE	Historic							Historic Scoring: 3 /10	Forecast	Scoring: 7 /10	
Amounts in Millions	2014	2015	2016	2017	2018	2019	2020	2021	2022		
EBITDA	-39.8	-58.6	-60.3	-60.5	-51.7	-63.6	12.5	20.9	39.2		
ROA	-27.1%	-77.2%	-62.7%	-22.1%	-23.8%	-9.3%	1.4%	1.9%	2.9%		
Cash Flow From Operations	-40.0	-64.5	-68.0	-51.3	-100.0	369.1	446.7	540.5	654.0		
Free Cash Flow	-41.2	-67.0	-68.0	-51.3	-117.1	367.5	444.6	537.9	650.7		
Net profit	-47.0	-65.2	-65.7	-66.7	-61.9	438.0	2.2	6.4	11.5		
Total Assets (1)	147.1	75.9	96.1	274.1	217.1	683.2	888.9	1,097.5	1,353.1		
Long Term Debt	45.0	81.3	67.7	71.9	85.6	112.7	294.2	485.5	716.1		
EBITDA/Revenues%	-2669.3%	-1149.2%	-494.7%	-164.6%	-85.4%	-95.2%	15.0%	20.0%	30.0%		
Solvency (Current) Ratio	4.3	2.3	4.1	5.5	4.0	13.1	24.1	21.4	19.6		
Revenues (2)	1.5	5.1	12.2	36.7	60.5	66.9	83.6	104.5	130.6		
Asset Turnover (2)/(1)	0.01	0.07	0.13	0.13	0.28	0.10	0.09	0.10	0.10		
Number of Shares (in Millions)	35.4	35.7	40.2	48.2	51.9	51.9	52.5	53.1	53.8		
ROA > 0	0	0	0	0	0	0	1	1	1		
ROA t_0 > ROA $_{t-1}$	0	0	1	1	0	1	1	1	1		
FCF > 0	0	0	0	0	0	1	1	1	1		
CFO > Net Profit	1	1	0	1	0	0	1	1	1		
(LT Debt/ Total Assets) t_1 < (LT Debt/ Total Assets) t_0		0	1	1	0	1	0	0	0		
EBITDA t_0 > EBITDA $_{t-1}$	0	1	1	1	1	0	1	1	1		
Asset Turnover t_0 > Asset Turnover $_{t-1}$	0	1	1	1	1	0	0	1	1		
Increase in Shares	1	0	0	0	0	1	0	0	0		
Increase Current Ratio	0	0	1	1	0	1	1	0	0		
PIOTROSKI F-SCORE	2	3	5	6	2	5	6	6	6		
Scoring: 7-9 Optimal; 4-6 Fine; 1-3 Poor											

SECTION 3. VALUATION MODELS

VALUATION SUMMARY POWERCELL SWEDEN 18-sep-20					
Amounts in Millions	Historical Multiple	Current Multiple	Company Intrinsic Value	# Shares Millions	Intrinsic Share Price
PBV MULTIPLE VALUATION (1)	53.0	21.6	12,623	51.9	243.4
PSALES MULTIPLE VALUATION (2)	216.7	182.3	23,807	51.9	459.0
PE MULTIPLE VALUATION (3)	-48.7	27.8	15,987	51.9	308.2
PCF MULTIPLE VALUATION (4)	-51.4	33.2	17,267	51.9	332.9
EV/EBITDA MULTIPLE VALUATION (5)	-79.5	-186.5	9,342	51.9	180.1
DCF VALUATION (6)			15,683	51.9	302.3
PE VALUATION TO PEERS (7)			161	51.9	3.1
EV/EBITDA VALUATION TO PEERS (8)			-139	51.9	-2.7
MEDIAN INTRINSIC VALUE FROM MODELS (3), (4), (5), (6)			15,835		305.3

STOCK MARKET VALUE	12,189	51.9	235.0
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TARGET PRICE ESTIMATED OFFERS % DIFFERENCE TO CURRENT MARKET PRICE	30%	BUY
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If price upside to target price is >25% BUY; If between 10% to 25%, HOLD; If less than 10%, SELL

VALUATION WITH PSALES		Historic						Forecast		
Amounts in Millions		2014	2015	2016	2017	2018	2019	2020	2021	2022
Revenues (1)		1.5	5.1	12.2	36.7	60.5	66.9	83.6	104.5	130.6
Number of Shares (2)		35.4	35.7	40.2	48.2	51.9	51.9	655.9	815.5	1,013.6
Share Price (3)		67.4	78.1	76.0	129.2	179.2	235.0			
Market Capitalization (4)=(2)*(3)		2,386.6	2,788.8	3,059.2	6,231.0	9,296.4	12,189.2			
PRICE TO SALES (5)=(4)/(1)		1,599.6	546.8	251.1	169.6	153.6	182.3			

Price per Share using PSales Valuation	Value	% Upside
P/Sales Valuation Year (11)	23,807	
PE/Sales Valuation Avg (12)	28,293	
Number of Shares (Millions) (13)	51.9	
P/Sales Valuation per Share Year (13)/(11)	459.0	95.3%
P/Sales Valuation per Share Avg (13)/(12)	545.5	132.1%
Market Price Current	235.0	

PSALES VALUATION BY MULTIPLES				
Years	2019	2020	2021	2022
Historical P/Sales	216.7			
P/Sales (6)	182.3			
(7)	(8)	(9)	(10)	
Revenues	66.9	83.6	104.5	130.6
(6)*(7)	(6)*(8)	(6)*(9)	(6)*(10)	
Price to Sales Valuation	12,189	15,236	19,046	23,807
P/Sales Valuation AVG	14,486	18,108	22,635	28,293

VALUATION WITH PBV		Historic						Forecast		
Amounts in Millions		2014	2015	2016	2017	2018	2019	2020	2021	2022
Shareholders' Equity (1)		76.5	11.3	36.5	188.9	127.2	565.3	567.5	573.9	585.4
Number of Shares (2)		35.4	35.7	40.2	48.2	51.9	51.9	52.5	53.1	53.8
Share Price (3)		67.4	78.1	76.0	129.2	179.2	235.0	235.0		
Market Capitalization (4)=(2)*(3)		2,386.6	2,788.8	3,059.2	6,231.0	9,296.4	12,189.2	12,337.8		
PRICE TO BOOK VALUE (5)=(4)/(1)		31.2	247.5	83.8	33.0	73.1	21.6	21.7		

Price per Share using PBV Valuation	Value	% Upside
PBV Valuation Year (11)	12,623	
PBV Valuation Avg (12)	31,040	
Number of Shares (Millions) (13)	51.9	
PBV Valuation per Share Year (13)/(11)	243.4	3.6%
PBV Valuation per Share Avg (13)/(12)	598.4	154.7%
Market Price Current	235.0	

PBV VALUATION BY MULTIPLES				
Years	2019	2020	2021	2022
Historical PBV	53.0			
PBV (6)	21.6			
(7)	(8)	(9)	(10)	
Shareholders' Equity	565.3	567.5	573.9	585.4
(6)*(7)	(6)*(8)	(6)*(9)	(6)*(10)	
Book Value Valuation	12,189	12,237	12,375	12,623
PBV Valuation AVG	29,972	30,089	30,431	31,040

VALUATION WITH PE	Historic						Forecast			
Amounts in Millions	2014	2015	2016	2017	2018	2019	2020	2021	2022	
Net Profit (1)	-47.0	-65.2	-65.7	-66.7	-61.9	438.0	2.2	6.4	11.5	
Number of Shares (2)	35.4	35.7	40.2	48.2	51.9	51.9	52.5	53.1	53.8	
Share Price (3)	67.4	78.1	76.0	129.2	179.2	235.0				
Market Capitalization (4)=(2)*(3)	2,386.6	2,788.8	3,059.2	6,231.0	9,296.4	12,189.2				
PRICE EARNINGS (5)=(4)/(1)	-50.8	-42.8	-46.6	-93.4	-150.3	27.8	5,592.7	1,940.9	1,100.1	

Price per Share using PE Valuation	Value	% Upside
PE Valuation Year (11)	320	
PE Valuation Avg (12)	-560	
Number of Shares (Millions) (13)	51.9	
PE Valuation per Share Year (13)/(11)	6.2	-97.4%
PE Valuation per Share Avg (13)/(12)	-10.8	-104.6%
Market Price Current	235.0	

PE VALUATION BY MULTIPLES				
Years	2019	2020	2021	2022
Historical PE	-48.7			
PE (6)	27.8			
	(7)	(8)	(9)	(10)
Net Profit	438.0	2.2	6.4	11.5
	(6)*(7)	(6)*(8)	(6)*(9)	(6)*(10)
Price Earnings Valuation (11)	12,189	61	179	320
PE Valuation AVG (12)	-21,330	-107	-313	-560

PEG	Historic						Forecast			
Amounts in Millions	2014	2015	2016	2017	2018	2019	2020	2021	2022	
Net Profit (1)	-47.0	-65.2	-65.7	-66.7	-61.9	438.0	2.2	6.4	11.5	
PRICE EARNINGS (2)	-50.8	-42.8	-46.6	-93.4	-150.3	27.8	5,592.7	1,940.9	1,100.1	
EPS Growth (3)		38%	-11%	-15%	-14%	-808%	-100%	188%	76%	
PEG (2)/(3)				6.1	10.9	0.0	-56.2	10.3	14.4	

VALUATION WITH PCF	Historic						Forecast			
Amounts in Millions	2014	2015	2016	2017	2018	2019	2020	2021	2022	
Free Cash Flow (1)	-41.2	-67.0	-68.0	-51.3	-117.1	367.5	444.6	537.9	650.7	
Number of Shares (2)	35.4	35.7	40.2	48.2	51.9	51.9	52.5	53.1	53.8	
Share Price (3)	67.4	78.1	76.0	129.2	179.2	235.0				
Market Capitalization (4)=(2)*(3)	2,386.6	2,788.8	3,059.2	6,231.0	9,296.4	12,189.2				
PRICE TO CASH FLOW (5)=(4)/(1)	-57.9	-41.6	-45.0	-121.4	-79.4	33.2	27.8	23.2	19.4	

Price per Share using PCF Valuation	Value	% Upside
PCF Valuation Year (11)	21,584	
PCF Valuation Avg (12)	-33,477	
Number of Shares (Millions) (13)	51.9	
PCF Valuation per Share Year (13)/(11)	416.1	77.1%
PCF Valuation per Share Avg (13)/(12)	-645.4	-374.6%
Market Price Current	235.0	

PCF VALUATION BY MULTIPLES				
Years	2019	2020	2021	2022
Historical PCF	-51.4			
PCF (6)	33.2			
	(7)	(8)	(9)	(10)
Net Profit	367.5	444.6	537.9	650.7
	(6)*(7)	(6)*(8)	(6)*(9)	(6)*(10)
Price to Cash Flow Valuation	12,189	14,747	17,841	21,584
PCF Valuation AVG	-18,906	-22,872	-27,671	-33,477

VALUATION WITH EV/EBITDA	Historic						Forecast			
Amounts in Millions	2014	2015	2016	2017	2018	2019	2020	2021	2022	
EBITDA (1)	-39.8	-58.6	-60.3	-60.5	-51.7	-63.6	12.5	20.9	39.2	
Long Term Debt + Short Term Debt (2)	45.0	81.4	67.7	71.9	85.6	119.8	301.5	504.5	747.4	
Cash at Banks (3)	105.9	41.0	61.2	217.8	98.3	440.9	551.2	689.0	861.2	
Number of Shares (4)	35.4	35.7	40.2	48.2	51.9	51.9	52.5	53.1	53.8	
Share Price (5)	67.4	78.1	76.0	129.2	179.2	235.0				
Market Capitalization (6)=(4)*(5)	2,386.6	2,788.8	3,059.2	6,231.0	9,296.4	12,189.2	12,337.8	12,488.2	12,640.4	
Enterprise Value (7)=(6)+(2)-(3)	2,325.8	2,829.1	3,065.6	6,085.1	9,283.8	11,868.0	12,088.1	12,303.7	12,526.6	
EV/EBITDA (8)=(7)/(1)	-58.4	-48.3	-50.9	-100.6	-179.7	-186.5	964.4	589.0	319.8	

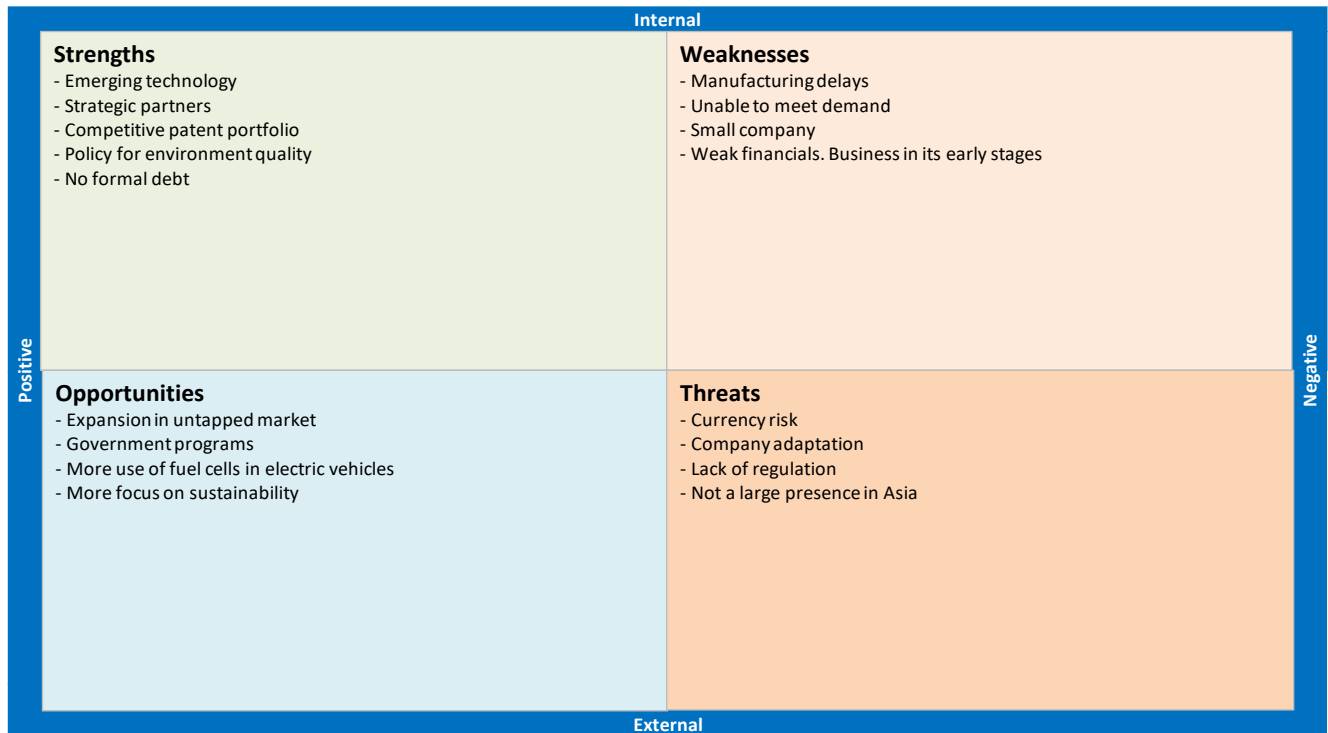
Price per Share using EV/EBITDA Valuation	Value	% Upside
EV/EBITDA Valuation Year (14)	-7,306	
EV/EBITDA Valuation Avg (15)	-3,114	
Number of Shares (Millions) (13)	51.9	
EV/EBITDA Valuation p Share Year (14)/(11)	-140.9	-159.9%
EV/EBITDA Valuation p Share Avg (15)/(12)	-60.0	-125.5%
Market Price Current	235.0	

EV/EBITDA VALUATION BY MULTIPLES				
Years	2019	2020	2021	2022
Historical EV/EBITDA	-79.5			
EV/EBITDA (8)	-186.5			
	(9)	(10)	(11)	(12)
EBITDA	-63.6	12.5	20.9	39.2
	(8)*(9)	(8)*(10)	(8)*(11)	(8)*(12)
EV Value Estimated	11,868	-2,338	-3,897	-7,306
EV Value Estimated AVG	5,058	-996	-1,661	-3,114
Market Cap Estimated	12,189	-2,088	-3,712	-7,193
EV/EBITDA Valuation per Share	235.0	-39.8	-69.9	-133.7

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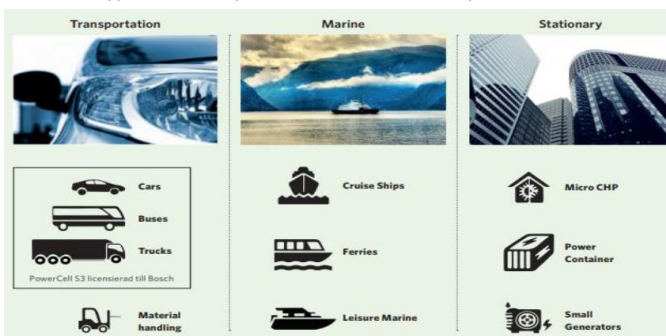
SECTION 4. SWOT ANALYSIS and INVESTMENT HIGHLIGHTS

SWOT ANALYSIS



INVESTMENT HIGHLIGHTS

Market and Applications: Transportation, Marine and Stationary



PowerCell's product portfolio

Product/prototype	Type	Output (kW)	Fuel	Example of area of application
S2	Fuel cell stack	1-35	Hydrogen or reformed gas	Households and range extenders (REX) for vehicles
S3	Fuel cell stack	30-125	Hydrogen	Propulsion and stationary applications
PS-5	Fuel cell system (based on S2)	1-5	Hydrogen	Real-estate, telecom and safety system
MS-30	Fuel cell system (based on S2)	10-30	Hydrogen	Range extender (REX) in electrical vehicles and boats
MS-100	Fuel cell system (based on S3)	50-100	Hydrogen	Propulsion of vehicles and stationary applications

Group Strategy

PowerCell is evolving into a company that is close to its customers and organised to meet their expectations. Outstanding research facilities and an experienced team can address the challenges associated with high-technological and sustainable offerings.

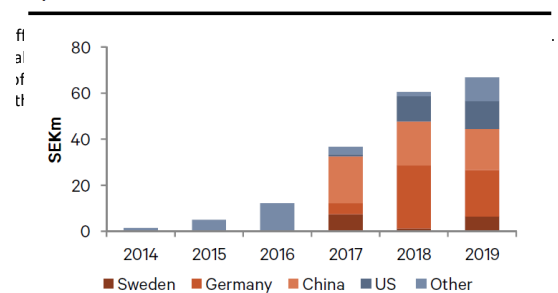
- **Unique laboratory** - Besides our employees' extensive fuel cell technology expertise, PowerCell also offers one of the world's most powerful fuel cell and reformer laboratories.
- **Competitive patent portfolio** - PowerCell always aims for pioneering technological development and allocates extensive resources to protecting technologies with patents. Patents relates to the fundamental technology, and first and foremost everything within the key areas of fuel cell stacks and reformers.
- **Policy for environment and quality** - PowerCell develops and supplies fuel cells, systems and services that lower the environmental impact from energy generation and at the same time create a value for the customers through high product efficiency and durability
- **Core value** - Quality, Safety and Environmental Care

Growth drivers

Important events in January-March 2020

PowerCell's Chinese subsidiary receiving the first order

PowerCell's revenue has grown rapidly, and diversified in recent years



Source: Company reports

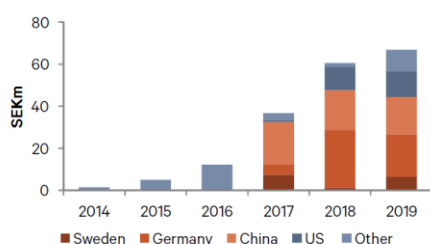
- PowerCell's Chinese subsidiary receives its first order
- PowerCell delivers MS-30 fuel cell system to the Italian ship building company Fincantieri S.p.A
- PowerCell and Inabata & CO Ltd., sign exclusive distribution agreement for the Japanese market
- PowerCell joins Swedish Electromobility Center
- Bus with PowerCell S2 in daily operations in China has run the equivalent of one lap around the globe
- PowerCell receives order for PowerCell S3 from Bosch for a total value of MSEK 11.5
- PowerCell signs contract with leading European shipyard regarding fuel cell system worth MSEK 77

Future

- Volvo Group and Daimler on April 21 announced a joint multi-billion SEK effort to develop fuel cells for commercial vehicles.
- **Martin Daum, President of Daimler Trucks, made the forecast that in 20 years' time 95 percent of all heavy-duty trucks will use fuel cells.** The message from the world's two largest truck manufacturers is more than welcome as it will speed up the transition to the hydrogen society and a broad deployment of the fuel cell technology within an increasing number of applications

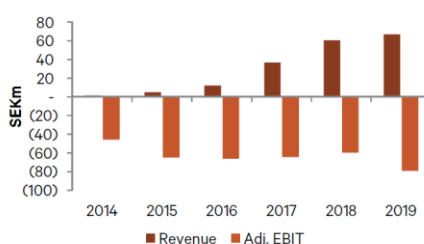
Analysts are clearly in love with PowerCell Sweden at the moment, but before diving in – you should be aware that we've identified some warning flags with the business, such as concerns around earnings quality and the hydrogen powercell technology development and adoption into daily life.

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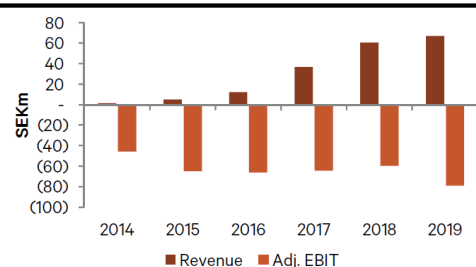
Source: Company reports

Investment in people and technology means the adjusted EBIT losses are widening



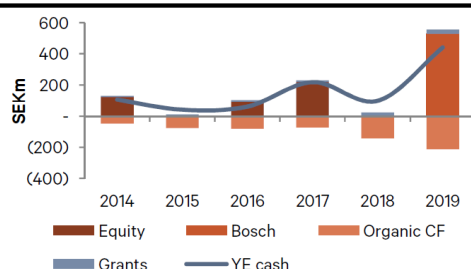
Source: Company reports

Profitability has not improved as revenue has grown



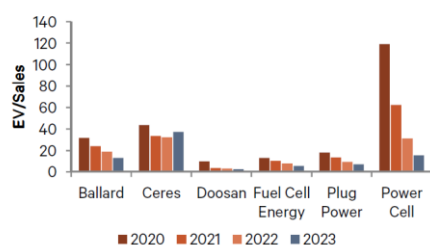
Source: Company reports, Berenberg

Cash flow was supported by equity raises and government grants until the Bosch licence fee was received in Q2 2019

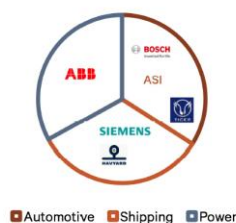


Source: Company reports, Berenberg

Fuel-cell companies are trading on large EV/sales multiples, indicating that the market is focusing on the longer-term potential



PowerCell has global partners across important sectors, but only Bosch has progressed to a commercial contract at this stage



Source: Company reports

Research Disclaimer

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