

2G Energy AG

Germany / Cleantech Primary exchange: Frankfurt Bloomberg: 2GB GR ISIN: DE000A0HL8N9

9M KPIs

RATING PRICE TARGET

BUY € 34.00

Return Potential 60.4% Risk Rating Medium

ROBUST GROWTH IN Q3

2G Energy increased sales by some 12% y/y to €86.7m in Q3 thanks to strong international business. Q3 EBIT growth (+23%) outpaced revenue growth and amounted to €4.9m. Both figures are slightly below our forecasts. In view of a record order backlog (>€230m) and the usual seasonality (strong Q4), we expect 2G to achieve guidance (sales: €360m to €390m, EBIT margin: 8.5% to 10%]. We have however slightly dialled back our 2024 forecasts to reflect the lower than expected 9M figures and a slightly more cautious view on Q4. The high order backlog and strong order intake in Q3 underpin our growth forecast for 2025E. An updated DCF model yields an unchanged €34 price target We reiterate our Buy recommendation.

Back on growth path in Q3 After late customer calls led to delivery delays of CHP systems and a subsequent slight dip in sales in the first half of the year, 2G is back on the growth track with a sales uptick of some 12% in Q3 to €86.7m (see figure 1 overleaf). Growth was driven by both segments. While the CHP Systems segment grew by 13%, the Service segment increased sales by 11%. 9M group sales also rose slightly (+2% y/y) to €217.9m. Total operating performance rose by 13% to €90.9m in Q3, resulting in significantly higher capacity utilisation. EBIT developed positively in Q3 and climbed 23% y/y to €4.9m (FBe: €5.1m). On a nine-month basis, EBIT was up 11% at €9.0m. The main reason for this increase is the normalisation of material costs after the surges in inflation of last few years.

Possible US tariffs not a major threat to 2G's US business The operating costs over the lifetime of a CHP system are significantly higher than the acquisition costs. 2G thus sees only a minor negative impact from possible tariffs. In addition, a significant proportion of the acquisition costs originate in the USA. As 2G does not face much competition in the US, and the country urgently needs additional power plant capacity, tariffs are unlikely to be in the country's own interest. (p.t.o.)

FINANCIAL HISTORY & PROJECTIONS

	2021	2022	2023	2024E	2025E	2026E
Revenue (€m)	266.3	312.6	365.1	373.7	443.5	510.0
Y-o-y growth	8.0%	17.4%	16.8%	2.4%	18.7%	15.0%
EBIT (€m)	17.9	22.0	27.6	31.6	43.4	51.1
EBIT margin	6.7%	7.0%	7.6%	8.5%	9.8%	10.0%
Net income (€m)	12.6	16.4	17.9	21.3	29.5	34.8
EPS (diluted) (€)	0.77	0.91	1.00	1.19	1.64	1.94
DPS (€)	0.13	0.14	0.17	0.22	0.26	0.31
FCF (€m)	4.0	-4.4	3.6	16.2	6.9	14.9
Net gearing	-15.5%	-6.6%	-3.4%	-12.2%	-12.1%	-15.5%
Liquid assets (€m)	19.9	13.5	12.6	25.7	28.7	38.9

RISKS

The main risks include project delays, internationalisation, high natural gas prices in combination with low electricity prices.

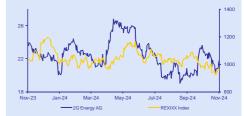
COMPANY PROFILE

2G Energy AG is a leading producer of combined heat and power (CHP) plants and produces large heat pumps. The company offers a wide product range of CHP and HP plants (CHP: 20 kW to 4.5 MW, HP: 100 kW - 2.6 MW). 2G has a global distribution network and is headquartered in Heek, Germany.

MARKET DATA	As of 20 Nov 2024
Closing Price	€ 21.20
Shares outstanding	17.94m
Market Capitalisation	€ 380.33m
52-week Range	€ 19.06 / 26.75
Avg. Volume (12 Months)	21,674

Multiples	2023	2024E	2025E
P/E	21.2	17.8	12.9
EV/Sales	1.0	1.0	0.9
EV/EBIT	13.7	11.9	8.7
Div Yield	0.8%	1.0%	1 2%

STOCK OVERVIEW



COMPANY DATA	As of 30 Jun 2024
Liquid Assets	€ 11.08m
Current Assets	€ 189.88m
Intangible Assets	€ 10.30m
Total Assets	€ 232.74m
Current Liabilities	€ 79.49m
Shareholders' Equity	€ 123.82m
CHAREHOL DEDC	

SHAREHOLDERS

Christian Grotholt	29.6%
Ludger Gausling	15.5%
Free Float	54.9%

Figure 1: Reported figures versus forecasts

All figures in €m	Q3-24A	Q3-24E	delta	Q3-23A	delta	9M-24A	9M-23A	delta
Sales	86.7	89.5	-3%	77.6	12%	217.9	213.1	2%
EBIT	4.9	5.1	-4%	4.0	23%	9.0	8.1	11%
EBIT margin	5.7%	5.7%	-	5.2%	_	4.1%	3.8%	_

Source: First Berlin Equity Research, 2G Energy AG

2024E forecast slightly adjusted We have dialled back our 2024E numbers to reflect the lower than expected 9M figures and a slightly more cautious view on Q4. We now expect €374m in sales and an 8.5% EBIT margin.

Figure 2: Revision to forecasts

	2024E				2025E			2026E			
All figures in €m	new	old	delta	new	old	delta	new	old	delta		
Sales	373.7	381.7	-2%	443.5	443.5	0%	510.0	510.0	0%		
EBIT	31.6	32.4	-2%	43.4	43.4	0%	51.1	51.1	0%		
EBIT margin	8.5%	8.5%	-	9.8%	9.8%	-	10.0%	10.0%	-		
Netincome	21.3	21.9	-3%	29.5	29.5	0%	34.8	34.8	0%		
Net margin	5.7%	5.7%	-	6.6%	6.7%	-	6.8%	6.8%	-		
EPS diluted (€)	1.19	1.22	-3%	1.64	1.64	0%	1.94	1.94	0%		

Source: First Berlin Equity Research

Buy recommendation confirmed with unchanged price target Based on our adjusted 2024E forecast, an updated DCF model yields an unchanged €34 price target. The 2025E P/E ratio of 13x indicates an attractive valuation for a growth stock. We reiterate our Buy recommendation.



Figures in €m	2024E	2025E	2026E	2027E	2028E	2029E	2030E	2031E
Net sales	373.70	443.49	510.01	566.11	622.72	684.99	746.64	813.84
Growth y/y	2%	19%	15%	11%	10%	10%	9%	9%
EBIT	31.63	43.43	51.09	56.61	62.27	68.50	74.66	81.38
EBIT margin	8.5%	9.8%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
NOPLAT	21.83	29.97	35.25	39.63	43.59	47.95	52.27	56.97
+ depreciation & amortis. (excl. GW)	5.30	5.88	6.61	7.36	8.72	10.27	11.20	12.21
= net operating cash flow	27.13	35.85	41.86	46.99	52.31	58.22	63.46	69.18
- total investments (Capex and WC)	-10.44	-28.40	-26.50	-23.46	-26.38	-28.33	-29.08	-31.70
capital expenditure	-8.40	-8.90	-9.40	-9.62	-9.96	-10.27	-11.20	-12.21
working capital	-2.04	-19.50	-17.10	-13.84	-16.42	-18.06	-17.88	-19.49
+/- others (incl. adj. on net int., provisions, etc)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
= Free cash flow (FCF)	16.69	7.45	15.36	23.53	25.93	29.89	34.39	37.48
PV of FCF's	16.56	6.76	12.77	17.89	18.04	19.03	20.03	19.97

€m	
PVs of FCFs explicit period (2024E-37E)	260.49
PVs of FCFs in terminal period	353.22
Enterprise Value (EV)	613.72
Net cash / (Net debt)	2.39
Minorities	0.02
Shareholder value	616.13
No. of shares outstanding (m)	17.94
Fair value non about (C)	24.24

Terminal grow th	3.0%
Terminal EBIT margin	10.0%

Fair value per share (€)	34.34			
WACC	9.3%			
Cost of equity	9.6%			
Pre-tax cost of debt	4.0%			
Normal tax rate	30.0%			
After-tax cost of debt	2.8%			
Share of equity	95.0%			
Share of debt	5.0%			
Price Target (€)	34.00			

Sensitivity analysis							are (€)
			Terminal El	BIT margin			
	8.5%	9.0%	9.5%	10.0%	10.5%	11.0%	11.5%
12.3%	16.83	18.29	19.75	21.20	22.66	24.12	25.58
11.3%	19.40	21.04	22.69	24.33	25.98	27.62	29.27
10.3%	22.72	24.60	26.49	28.37	30.26	32.14	34.03
9.3%	27.16	29.37	31.57	34.34	35.97	38.18	40.38
8.3%	33.37	36.02	38.66	41.30	43.94	46.59	49.23
7.3%	42.60	45.89	49.18	52.47	55.76	59.05	62.34
6.3%	57.60	61.93	66.26	70.60	74.93	79.27	83.60

 $^{^{\}star}$ for layout purposes the model shows numbers only to 2031, but runs until 2037



INCOME STATEMENT

All figures in €m	2021	2022	2023	2024E	2025E	2026E
Revenues	266.3	312.6	365.1	373.7	443.5	510.0
Change in inventories	2.6	26.0	5.8	0.0	0.0	0.0
Ow n w ork	0.0	0.2	0.2	0.2	0.2	0.2
Total output	268.9	338.8	371.0	373.9	443.7	510.2
Material costs	-171.3	-224.1	-238.3	-233.6	-283.8	-331.5
Gross profit	97.7	114.7	132.7	140.3	159.9	178.7
Personnel expenses	-49.4	-57.0	-64.3	-72.1	-75.8	-80.0
Other operating income	3.4	4.4	3.1	4.5	5.3	6.1
Other operating expenses	-29.7	-35.3	-36.9	-35.7	-40.0	-47.0
EBITDA	21.9	26.6	34.3	36.9	49.3	57.7
Depreciation and amortisation	-3.9	-4.7	-6.7	-5.3	-5.9	-6.6
Operating income (EBIT)	17.9	22.0	27.6	31.6	43.4	51.1
Net financial result	-0.2	-0.4	-0.6	-0.7	-0.7	-0.7
Income before taxes & minority interests	17.7	23.5	27.1	30.9	42.7	50.4
Other income / expenses	0.0	1.9	0.0	0.0	0.0	0.0
Income taxes	-5.1	-7.1	-9.1	-9.6	-13.2	-15.6
Minority interests	0.0	0.0	0.0	0.0	0.0	0.0
Net income / loss	12.6	16.4	17.9	21.3	29.5	34.8
EPS in €	0.77	0.91	1.00	1.19	1.64	1.94
Diluted EPS (in €)	0.77	0.91	1.00	1.19	1.64	1.94
Ratios						
Gross margin (gross profit / total output)	36.3%	33.9%	35.8%	37.5%	36.0%	35.0%
EBITDA margin (EBITDA / revenue)	8.2%	8.5%	9.4%	9.9%	11.1%	11.3%
EBIT margin (EBIT / revenue)	6.7%	7.0%	7.6%	8.5%	9.8%	10.0%
Net income margin	4.7%	5.2%	4.9%	5.7%	6.6%	6.8%
Tax rate	28.7%	30.2%	33.6%	31.0%	31.0%	31.0%
Expenses as % of revenues						
Personnel expenses	18.5%	18.2%	17.6%	19.3%	17.1%	15.7%
Other operating expenses	11.2%	11.3%	10.1%	9.6%	9.0%	9.2%
Depreciation and amortisation	1.5%	1.5%	1.8%	1.4%	1.3%	1.3%
Y/Y growth						
Revenues	8.0%	17.4%	16.8%	2.4%	18.7%	15.0%
Operating income	9.1%	22.5%	25.9%	14.5%	37.3%	17.6%
Net income / loss	5.3%	30.0%	9.5%	18.8%	38.2%	18.0%



BALANCE SHEET

All figures in €m	2021	2022	2023	2024E	2025E	2026E
Assets						
Current assets, total	142.6	179.7	188.7	207.9	234.2	266.1
Cash and cash equivalents	19.9	13.5	12.6	25.7	28.7	38.9
Trade accounts and notes receivables	43.4	57.1	58.6	64.5	75.3	86.6
Inventories	72.2	102.6	109.8	109.9	123.2	134.2
Other current assets	7.1	6.5	7.8	7.8	7.1	6.3
Non-current assets, total	27.1	31.9	38.7	41.8	44.9	47.7
Property, plant and equipment	22.6	26.8	28.4	32.1	35.7	39.1
Goodwill + intangible assets	4.5	5.0	10.3	9.7	9.1	8.5
Financial assets	0.0	0.1	0.1	0.1	0.1	0.1
Total assets	169.7	211.6	227.5	249.7	279.1	313.7
Shareholders' equity & debt						
Liabilities, total	75.2	103.0	103.4	107.5	111.4	115.9
Interest bearing debt	5.3	6.3	8.3	8.3	8.3	8.3
Trade accounts payable	11.5	20.5	17.1	21.1	25.7	30.9
Provisions	17.7	21.4	24.4	24.4	24.4	24.4
Other current liabilities	40.7	54.7	53.6	53.6	52.9	52.2
Shareholders equity, total	94.5	108.6	124.0	142.3	167.8	197.9
Share capital*	4.5	17.9	17.9	17.9	17.9	17.9
Capital reserve	16.4	3.0	3.0	3.0	3.0	3.0
Losses carried forw ard / retained earnings	74.3	88.5	103.9	122.2	147.7	177.8
Other reserves	-0.7	-0.7	-0.8	-0.8	-0.8	-0.8
Minority interests	-0.1	0.0	0.0	0.0	0.0	0.0
Total consolidated equity and debt *2022: share split	169.7	211.6	227.5	249.7	279.2	313.8
Ratios						
Current ratio (x)	2.6	2.3	2.6	2.7	2.9	3.1
Equity ratio (as %)	55.7%	51.3%	54.5%	57.0%	60.1%	63.1%
Net gearing (as %)	-15.5%	-6.6%	-3.4%	-12.2%	-12.1%	-15.5%
Equity per share (in €)	21.1	6.1	6.9	7.9	9.4	11.0
Net debt	-14.6	-7.1	-4.3	-17.4	-20.4	-30.6
Interest coverage ratio (x)	87	72	49	43	59	73
Av. w orking capital/sales	25.4%	26.7%	28.2%	30.2%	27.8%	27.8%
Return on equity (ROE)	13.3%	15.1%	14.5%	15.0%	17.6%	17.6%
Return on capital employed (ROCE)	16.7%	17.3%	18.9%	19.1%	23.1%	23.7%
Days of inventory turnover	99	120	110	107	101	96
Days sales outstanding (DSO)	59	67	59	63	62	62
Days payables outstanding (DPO)	24	33	26	33	33	34



CASH FLOW STATEMENT

All figures in €m	2021	2022	2023	2024E	2025E	2026E
Net income	12.6	16.4	18.0	21.3	29.5	34.8
+ Depreciation and amortisation	3.9	4.7	6.7	5.3	5.9	6.6
- Investment in working capital	-6.4	-21.7	-16.3	-2.0	-19.5	-17.1
+/- Others (prov., non cash expenses, interest, etc.)	-1.3	5.7	3.4	0.0	0.0	0.0
Operating cash flow	8.9	5.0	11.7	24.6	15.8	24.3
- CAPEX	-4.9	-9.4	-8.2	-8.4	-8.9	-9.4
Free cash flow	4.0	-4.4	3.6	16.2	6.9	14.9
Acquisitions	-1.2	-0.3	-3.5	0.0	0.0	0.0
Financial investments	0.9	-0.1	0.0	0.0	0.0	0.0
Disposals	3.3	0.0	0.2	0.0	0.0	0.0
Investment cash flow	-1.8	-9.7	-11.4	-8.4	-8.9	-9.4
Change in financial liabilities	-1.3	1.0	1.9	0.0	0.0	0.0
Dividends paid	-2.0	-2.2	-2.5	-3.0	-3.9	-4.7
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	5.3	0.0	0.0	0.0	0.0	0.0
Others	-0.3	-0.4	-0.6	0.0	0.0	0.0
Financial cash flow	1.6	-1.6	-1.2	-3.0	-3.9	-4.7
Change in cash	8.6	-6.4	-0.9	13.1	3.0	10.2
Exchange rate-related changes	0.1	-0.3	-0.1	0.0	0.0	0.0
Cash, start of the year	10.5	19.7	13.3	12.5	25.7	28.7
Cash, end of the year	19.7	13.3	12.5	25.7	28.7	38.9
Free cash flow per share in €	0.89	-0.24	0.20	0.90	0.39	0.83
Y/Y growth						
Operating cash flow	-	-43.8%	135.4%	109.7%	-35.6%	53.3%
Free cash flow	-	n.a.	n.a.	353.9%	-57.1%	114.4%
Financial cash flow	-	n.a.	-24.9%	151.6%	29.4%	18.2%
Free cash flow per share	-	n.a.	n.a.	353.9%	-57.1%	114.4%



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PRICE TARGET DATES

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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 $\in 0 - \in 2$ billion, and Category 2 companies have a market capitalisation of $> \in 2$ 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.

RECOMMENDATION & PRICE TARGET HISTORY

Report No.:	Date of publication	Previous day closing price	Recommendation	Price target
Initial Report	26 November 2010	€3.30	Buy	€4.50
292	↓	↓	\downarrow	↓
93	26 January 2024	€22.60	Buy	€34.00
94	29 February 2024	€22.40	Buy	€34.00
95	12 April 2024	€22.50	Buy	€34.00
96	29 April 2024	€25.10	Buy	€34.00
97	24 May 2024	€25.90	Buy	€34.00
98	26 August 2024	€20.45	Buy	€34.00
99	10 September 2024	€19.58	Buy	€34.00
100	10 October 2024	€19.96	Buy	€34.00
101	Today	€21.20	Buy	€34.00



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.

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Legally required information regarding

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

can be accessed through the following internet link: https://firstberlin.com/disclaimer-english-link/

SUPERVISORY AUTHORITY: Bundesanstalt für Finanzdienstleistungsaufsicht (German Federal Financial Supervisory Authority) [BaFin], Graurheindorferstraße 108, 53117 Bonn and Marie-Curie-Straße 24-28, 60439 Frankfurt am Main

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