

Enapter AG

Germany / Cleantech Primary exchange: Frankfurt Bloomberg: H2O GR ISIN: DE000A255G02

Update

RATING PRICE TARGET

BUY € 13.00

Return Potential 60.5% Risk Rating High

JOINT VENTURE WITH CHINESE WOLONG GROUP

The joint venture (JV) between Enapter and Wolong will acquire AEM stacks from Enapter to manufacture AEM electrolysers in China. Wolong holds 51% of the JV and will finance and establish production. The JV will be granted an exclusive production and sales license for China, and Enapter will receive a royalty of 3% of future sales. The JV should enable Enapter to penetrate the Chinese market quickly without having to invest its own financial resources. We see the JV as a confirmation of our growth forecasts and reiterate our Buy recommendation with an unchanged €13 price target.

Who is Wolong? The Wolong Electric Group is a large, globally active Chinese motor and drive manufacturer. Wolong has developed electrolyser converters for various power ranges and has many years of experience in the pump and fan sector. The company, which has been listed on the Shanghai Stock Exchange since 2002, has more than 18,000 employees and generated annual sales equivalent to over \$2.3bn in 2022.

China is the world's leading electrolyser market According to the IEA's Global Hydrogen Report 2023, China is the world's largest electrolyser market. By the end of 2023, electrolyser capacity in China is expected to have reached approx. 1.2 GW, which is around 50% of global capacity. Electrolyser capacity should increase to 3.3 GW in 2024 and 5.4 GW in 2025. Together with Wolong, China thus offers Enapter great sales opportunities.

What are the advantages for Enapter? Without a major Chinese partner, we believe it is nearly impossible to enter the Chinese market. Enapter has a strong partner in Wolong, with whom a framework agreement for the supply of electrolysers has been in place since August 2023. Both companies already know each other. Wolong will be responsible for setting up electrolyser production, sales and support as well as financing. This means... (p.t.o.)

FINANCIAL HISTORY & PROJECTIONS

	2020	2021	2022	2023E	2024E	2025E
Revenue (€m)	2.07	8.44	14.67	27.11	39.36	67.37
Y-o-y growth	122.7%	307.8%	73.8%	84.7%	45.2%	71.2%
EBIT (€m)	-3.54	-8.62	-12.86	-3.65	-16.53	-12.74
EBIT margin	-171.2%	-102.1%	-87.6%	-13.5%	-42.0%	-18.9%
Net income (€m)	-3.57	-8.70	-12.98	-6.55	-21.74	-18.63
EPS (diluted) (€)	-0.16	-0.38	-0.51	-0.24	-0.80	-0.69
DPS (€)	0.00	0.00	0.00	0.00	0.00	0.00
FCF (€m)	-6.17	-33.05	-64.89	-17.92	-35.38	-33.21
Net gearing	-32.2%	-33.8%	-2.1%	17.3%	80.8%	196.5%
Liquid assets (€m)	4.25	19.60	5.07	15.58	14.39	3.68

RISKS

The main risks are: financing risk, technological risk, production risk, product risk, increasing competition, innovations.

COMPANY PROFILE

Enapter produces standardised stacks & electrolysers, which are scalable to larger units based on a modular approach. Enapter's patent-protected AEM technology offers high cost reduction potential. Enapter has production sites in Pisa, Italy, & Saerbeck, Germany, and ca. 210 employees.

MARKET DATA	As of 30 Jan 2024
Closing Price	€ 8.10
Shares outstanding	27.20m
Market Capitalisation	€ 220.28m
52-week Range	€ 7.30 / 16.25
Avg. Volume (12 Months)	12,076

Multiples	2022	2023E	2024E
P/E	n.a.	n.a.	n.a.
EV/Sales	14.9	8.1	5.6
EV/EBIT	n.a.	n.a.	n.a.
Div Vield	0.0%	0.0%	0.0%

STOCK OVERVIEW



COMPANY DATA	As of 30 Jun 2023
Liquid Assets	€ 9.45m
Current Assets	€ 35.45m
Intangible Assets	€ 11.34m
Total Assets	€ 120.61m
Current Liabilities	€ 11.17m
Shareholders' Equity	€ 77.30m

SHAREHOLDERS

BluGreen	65.1%
Svelland Global Trading Master	5.0%
Sergei Storozhenko	4.1%
Other Investors	6.9%
Free Float	18.9%

...that Enapter will not incur any investment or other set-up costs, while generating revenue from the stacks sold to the JV. This also means that Enapter's core technology, the Anion Exchange Membrane (AEM) stack, which forms the heart of every AEM electrolyser, so to speak, remains completely under the company's control. Enapter will also receive a licence fee of 3% of the JV's future sales. As a 49% shareholder in the JV, Enapter is entitled to a corresponding share of the profits. Overall, we view the JV terms as favourable for Enapter and regard Wolong's interest in the JV as confirmation of the competitiveness of Enapter's AEM technology in the highly competitive Chinese market.

Buy recommendation confirmed with unchanged €13 price target We are leaving our growth forecasts unchanged. An updated DCF model continues to yield a €13 price target. We confirm our Buy recommendation.



VALUATION MODEL

All figures in EUR '000	2023E	2024E	2025E	2026E	2027E	2028E	2029E	2030E
Net sales	27,105	39,360	67,370	141,150	239,100	348,434	491,609	670,822
NOPLAT	-3,780	- 16,749	- 12,920	2,010	12,920	23,209	36,071	48,488
+ depreciation & amortisation	3,791	4,380	5,982	7,400	7,993	8,369	9,036	10,030
Net operating cash flow	11	- 12,370	-6,939	9,410	20,913	31,579	45,107	58,518
- total investments (CAPEX, WC, Other)	- 12,861	- 15,822	- 18,062	-27,795	-29,421	-35,510	-46,427	- 58, 147
Capital expenditures	-8,999	-20,467	- 15,495	- 15,527	- 11, 172	- 15, 141	- 19,754	-24,759
Working capital	- 6, 162	2,445	-5,067	- 12,269	- 18,248	-20,369	-26,674	-33,388
Other	2,300	2,200	2,500	0	0	0	0	0
Free cash flows (FCF)	- 12,850	-28,192	-25,000	- 18,385	-8,508	-3,932	- 1,320	371
PV of FCF's	- 12,850	-25,091	- 19,600	-12,697	-5,175	- 2,106	-623	154

All figures in thousands	
PV of FCFs in explicit period (2023E-2037E)	43,172
PV of FCFs in terminal period	318,887
Enterprise value (EV)	362,059
+ Net cash / - net debt	1,243
+ Investments / minority interests	1
Shareholder value	363,302
Diluted number of shares	27,195
Fair value in EUR	13.36

Terminal growth	4.0%
Terminal EBIT margin	13.2%
Terminal EBIT margin	13.2

WACC	13.5%
Cost of equity	13.9%
Pre-tax cost of debt	10.0%
Tax rate	30.0%
After-tax cost of debt	7.0%
Share of equity capital	95.0%
Share of debt capital	5.0%
Price target	13.00

	Terminal grow th rate										
		2.5%	3.0%	3.5%	4.0%	4.5%	5.0%	5.5%			
WACC	10.5%	24.04	25.19	26.52	28.05	29.83	31.93	34.45			
	11.5%	18.96	19.74	20.62	21.62	22.76	24.07	25.60			
	12.5%	15.09	15.63	16.23	16.91	17.67	18.52	19.51			
۸	13.5%	12.08	12.47	12.89	13.36	13.88	14.46	15.11			
	14.5%	9.71	9.99	10.29	10.62	10.99	11.39	11.84			
	15.5%	7.81	8.02	8.24	8.48	8.74	9.02	9.34			
	16.5%	6.28	6.43	6.59	6.76	6.95	7.16	7.39			

^{*} for layout purposes the model shows numbers only to 2030, but runs until 2037



INCOME STATEMENT

All figures in EUR '000	2020A	2021A	2022A	2023E	2024E	2025E	2026E
Revenues	2,070	8,442	14,671	27,105	39,360	67,370	141,150
Changes in Inventories	242	540	525	0	0	0	0
Operating performance	2,312	8,982	15,197	27,105	39,360	67,370	141,150
Cost of goods sold	2,320	7,874	12,013	9,216	30,307	48,506	98,805
Gross profit (op. performance ./. COGS)	-8	1,109	3,184	17,889	9,053	18,864	42,345
Own Work	2,208	3,330	6,383	3,253	2,362	1,347	988
Personnel costs	3,356	7,596	14,300	14,100	15,500	18,207	21,173
Other operating income	605	1,367	2,799	1,897	1,378	1,347	1,412
Other operating expenses	2,369	5,828	8,648	8,800	9,446	10,106	14,115
EBITDA	-2,920	-7,619	-10,582	139	-12,154	-6,754	9,457
Depreciation and amortisation	625	1,002	2,276	3,791	4,380	5,982	7,400
Operating income (EBIT)	-3,544	-8,622	-12,858	-3,652	-16,534	-12,736	2,058
Net financial result	-21	-88	-97	-2,772	-4,991	-5,710	-6,781
Non-operating expenses	0	0	0	0	0	0	0
Pre-tax income (EBT)	-3,565	-8,709	-12,955	-6,424	-21,525	-18,445	-4,723
Income taxes	3	-8	23	128	215	184	47
Minority interests	-1	1	1	0	0	0	0
Net income / loss	-3,569	-8,701	-12,977	-6,552	-21,740	-18,630	-4,771
Diluted EPS (in €)	-0.16	-0.38	-0.51	-0.24	-0.80	-0.69	-0.18
Ratios						•	
Gross margin on operating performance	-0.3%	12.3%	21.0%	66.0%	23.0%	28.0%	30.0%
EBITDA margin on revenues	-141.0%	-90.3%	-72.1%	0.5%	-30.9%	-10.0%	6.7%
EBIT margin on revenues	-171.2%	-102.1%	-87.6%	-13.5%	-42.0%	-18.9%	1.5%
Net margin on revenues	-172.4%	-103.1%	-88.4%	-24.2%	-55.2%	-27.7%	-3.4%
Tax rate	-0.1%	0.1%	-0.2%	-2.0%	-1.0%	-1.0%	-1.0%
Expenses as % of revenues							
Personnel costs	162.1%	90.0%	97.5%	52.0%	39.4%	27.0%	15.0%
Depreciation and amortisation	30.2%	11.9%	15.5%	14.0%	11.1%	8.9%	5.2%
Other operating expenses	114.4%	69.0%	58.9%	32.5%	24.0%	15.0%	10.0%
Y-Y Growth							
Revenues	122.7%	307.8%	73.8%	84.7%	45.2%	71.2%	109.5%
Operating income	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.
Net income/ loss	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.



BALANCE SHEET

All figures in EUR '000	2020A	2021A	2022A	2023E	2024E	2025E	2026E
Assets							
Current assets, total	6,633	29,920	27,577	36,084	35,239	27,770	50,007
Cash and cash equivalents	4,248	19,604	5,071	15,577	14,395	3,685	9,518
Short-term investments	0	0	0	0	0	0	0
Receivables	184	2,638	8,014	10,396	6,470	7,383	15,468
Inventories	1,300	3,604	8,421	4,040	8,303	10,632	18,949
Other current assets	901	4,073	6,071	6,071	6,071	6,071	6,071
Non-current assets, total	7,917	32,221	80,237	85,627	101,860	111,519	119,689
Property, plant & equipment	2,870	23,985	67,900	73,655	90,389	100,690	108,764
Goodwill & other intangibles	3,977	7,110	10,272	9,907	9,406	8,763	8,860
Right-of-use assets	1,033	1,055	909	909	909	909	909
Other assets	72	1,156	1,156	1,156	1,156	1,156	1,156
Total assets	14,550	62,141	107,814	121,711	137,099	139,289	169,696
Shareholders' equity & debt							
Current liabilities, total	4,452	10,397	16,070	9,038	23,820	11,995	20,204
Short-term debt	1,415	1,186	871	2,000	14,000	4,000	8,075
Leasing liabilities	109	155	116	116	116	116	116
Accounts payable	947	6,387	11,191	3,030	5,812	3,987	8,121
Current provisions	239	516	1,243	1,243	1,243	1,243	1,243
Other current liabilities	1,851	2,309	2,765	2,765	2,765	2,765	2,765
Long-term liabilities, total	1,353	5,224	5,290	32,770	55,116	87,761	114,730
Long-term debt	21	2,708	2,371	27,371	47,371	77,371	104,296
Leasing liabilities	568	575	471	652	798	943	987
Other liabilities	278	512	605	2,903	5,103	7,603	7,603
Deferred revenue	486	1,428	1,844	1,844	1,844	1,844	1,844
Minority interests	1	2	1	1	1	1	1
Shareholders' equity	8,744	46,518	86,454	79,902	58,162	39,532	34,762
Share capital	22,269	24,406	27,195	27,195	27,195	27,195	27,195
Capital reserve	-6,771	37,615	87,586	87,586	87,586	87,586	87,586
Other reserves	-37	-83	69	69	69	69	69
Treasury stock	0	0	0	0	0	0	0
Loss carryforw ard / retained earnings	-6,716	-15,418	-28,396	-34,948	-56,688	-75,318	-80,089
Total consolidated equity and debt	14,550	62,141	107,814	121,711	137,099	139,289	169,696
Ratios		,					
Current ratio (x)	1.49	2.88	1.72	3.99	1.48	2.32	2.48
Quick ratio (x)	1.20	2.53	1.19	3.55	1.13	1.43	1.54
Equity ratio	60.1%	74.9%	80.2%	65.6%	42.4%	28.4%	20.5%
Net debt	-2,812	-15,711	-1,830	13,794	46,976	77,686	102,852
Net gearing	-32.2%	-33.8%	-2.1%	17.3%	80.8%	196.5%	295.9%
Return on equity (ROE)	-40.8%	-18.7%	-15.0%	-8.2%	-37.4%	-47.1%	-13.7%
Days of sales outstanding (DSO)	32	114	199	140	60	40	40
Days inventory outstanding	205	167	256	160	100	80	70
Days in payables (DIP)	149	296	340	120	70	30	30



CASH FLOW STATEMENT

All figures in EUR '000	2020A	2021A	2022A	2023E	2024E	2025E	2026E
EBIT	-3,544	-8,622	-12,858	-3,652	-16,534	-12,736	2,058
Depreciation and amortisation	625	1,002	2,276	3,791	4,380	5,982	7,400
EBITDA	-2,920	-7,619	-10,582	139	-12,154	-6,754	9,457
Changes in working capital	528	-1,136	-6,476	-6,162	2,445	-5,067	-12,269
Other adjustments	255	758	1,594	-2,901	-5,206	-5,894	-6,828
Operating cash flow	-2,137	-7,997	-15,464	-8,923	-14,915	-17,715	-9,640
Investments in PP&E	-1,830	-21,570	-44,989	-8,132	-19,680	-14,821	-14,115
Investments in intangibles	-2,208	-3,483	-4,436	-867	-787	-674	-1,412
Free cash flow	-6,175	-33,050	-64,889	-17,922	-35,382	-33,210	-25,166
Acquisitions & disposals, net	0	0	0	0	0	0	0
Other investments	250	-11	-65	0	0	0	0
Investment cash flow	-3,789	-25,064	-49,490	-8,999	-20,467	-15,495	-15,527
Debt financing, net	1,240	2,463	-653	26,129	32,000	20,000	31,000
Equity financing, net	6,189	48,304	52,998	0	0	0	0
Dividends paid	0	0	0	0	0	0	0
Other financing	1,390	-2,350	-1,924	2,300	2,200	2,500	0
Financing cash flow	8,819	48,417	50,421	28,429	34,200	22,500	31,000
FOREX & other effects	0	0	0	0	0	0	0
Net cash flows	2,894	15,356	-14,534	10,506	-1,182	-10,710	5,834
Cash, start of the year	1,354	4,248	19,604	5,071	15,577	14,395	3,685
Cash, end of the year	4,248	19,604	5,071	15,577	14,395	3,685	9,518
Y-Y Growth							
Operating cash flow	n.m.	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.	n.m.
Financial cash flow	89.8%	449.0%	4.1%	-43.6%	20.3%	-34.2%	37.8%



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PRICE TARGET DATES

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

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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		1	2	
Current market capitalisation (in €)		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	21 September 2020	€6.50	Buy	€8.90
28	↓	\downarrow	\downarrow	↓
9	2 August 2022	€16.15	Buy	€28.00
10	13 September 2022	€15.25	Buy	€26.00
11	15 December 2022	€14.60	Buy	€20.00
12	14 February 2023	€15.50	Buy	€20.00
13	29 June 2023	€11.90	Buy	€19.00
14	11 September 2023	€12.50	Buy	€17.00
15	19 October 2023	€10.75	Buy	€17.00
16	12 January 2024	€7.68	Buy	€13.00
17	Today	€8.10	Buy	€13.00

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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