AIDOWEEC TEC

Smart. Simple. Scalable.



37. MKK - Münchner Kapitalmarkt Konferenz

24. & 25. April 2024

Enapter at a glance



Started in Nov 2017



Pioneer and commercial leader in patented AEM electrolysis, with high operating flexibility without using rare materials, especially Iridium.



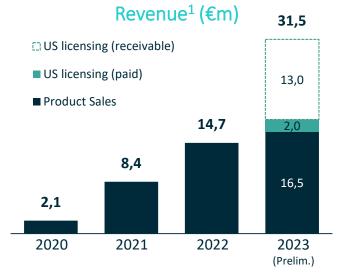
More than 15,000 electrolyzer cores ordered by >375 customers across >50 countries



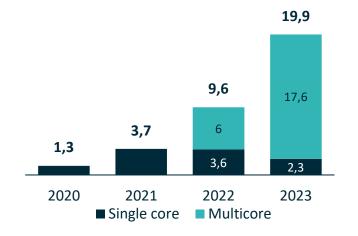
Attracting world-class partners: Partnership and €20m equity investment by Johnson Matthey (market Cap: €3.4bn) in 2022



Rapidly shifting to multicores. >95% of enquiries are now for multicores. First multicore delivered Jan 2024



Electrolyser Orders (MW)





Registered office: Heidelberg, DE

Stock exchange: Frankfurt / Hamburg
Regulated Market

Bloomberg ticker: H2O GR

Shares outstanding²: 27.2m

Market cap²: €144m

Current FTE²: >200

Major Shareholders:

Blugreen Company Ltd.³ 65.14%

Svelland Global Trading Fund 5.01%

Sergei Storozhenko 4.12%

Johnson Matthey 3.87%

Morgan Stanley 3.04%

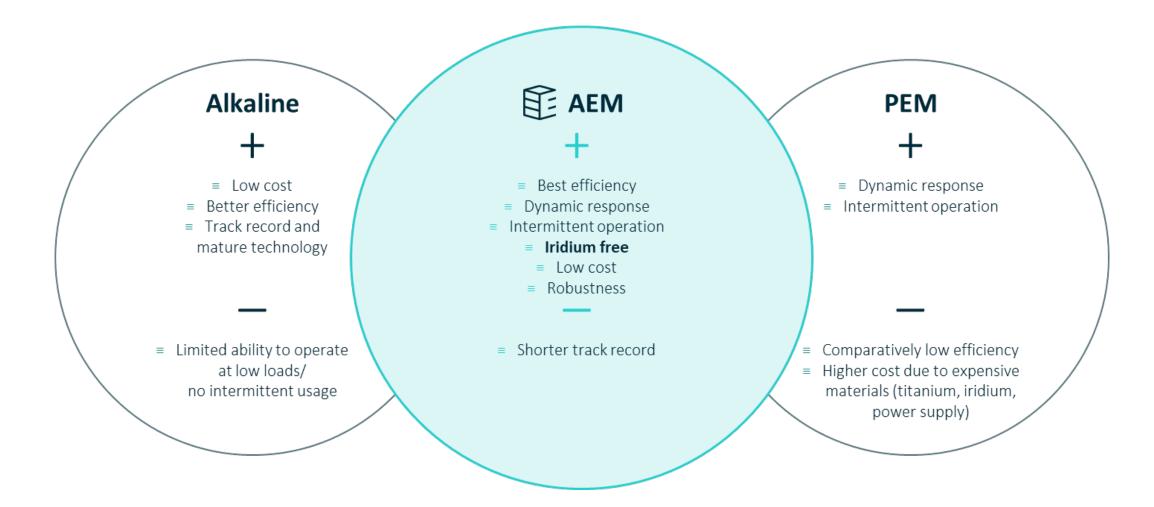
Other shareholders 18.82%

AWARD WINNING COMPANY





AEM offers the best of two worlds:





3

AEM's competitive advantage



Enapter's AEM technology avoids the use of iridium-based catalysts. This enables Enapter to achieve

- greater price stability
- lower supply chain vulnerability,
- without performance restrictions.

Enapter avoids the use of any PFAs and titanium-based plates and porous transport layers. This leads to

- cost reduction compared to PEM-based stacks,
- a lower carbon footprint and enhanced sustainability.

Iridium-free Our unique selling proposition.



AEM's competitive advantage

AEM is the future

	PEM	ALK	AEM
Supports intermittent renewables		X	\checkmark
Iridium free	X		
Titanium free	X	\checkmark	
PFAS regulation ready	X	X	
Compact design		X	
High current density		X	
Electrochemical compression		X	
Safe-to-handle electrolyte		X	\checkmark

Technology review

Modular systems scale faster

Large scale industrial systems

Modules

Multicore solution

COMPUTING:











In the past

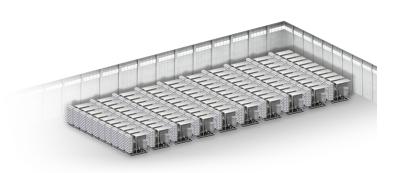
ELECTROLYSERS:



In the past

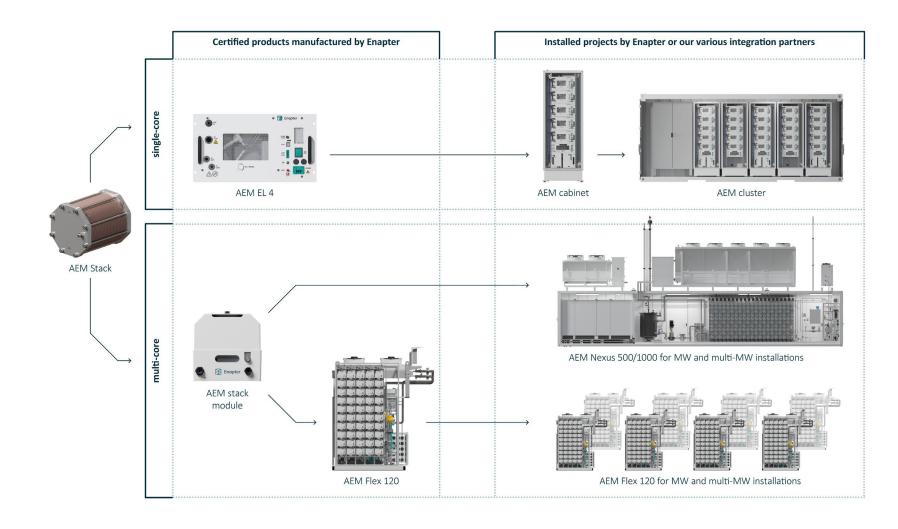






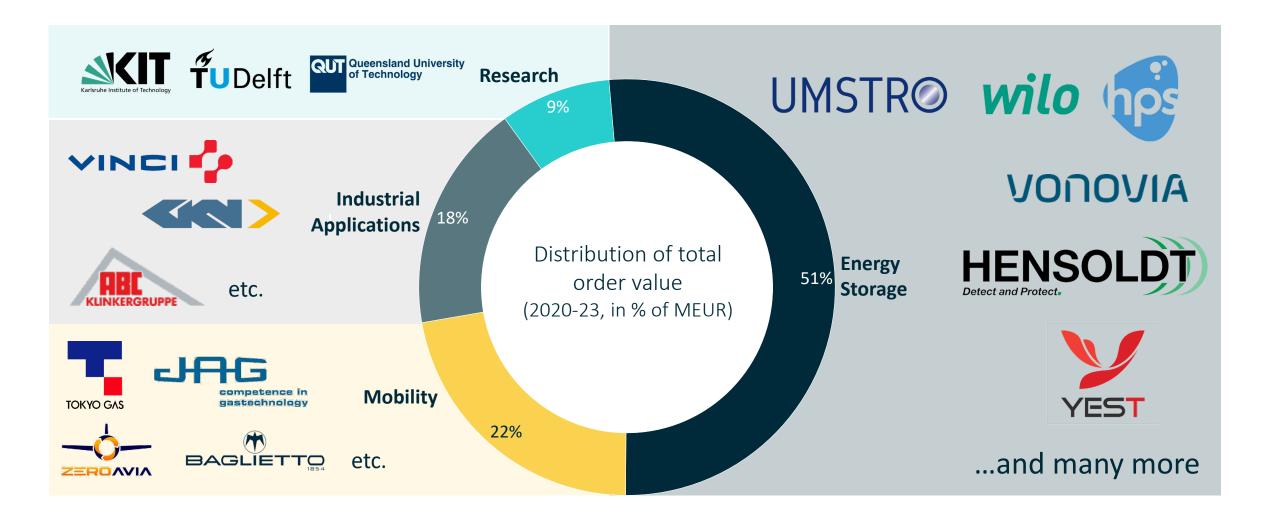
Modular AEM stacks for singlecore and multicore applications

- The AEM stack module is the center piece of our product platform, our minimum modular unit (MMU).
- The AEM stacks can power a compact and modular single-core AEM electrolyser.
- The same stacks can also deliver megawatt-scale green hydrogen in our multi-core setup.
- Competitors have to develop different stacks for different products.
- We can leverage our modular platform strategy designed for mass production to achieve significant cost reductions via economies of scale.





Selected clients, partners and certified partners





Selected segments from our customers

Energy Storage



Electricity can be converted into hydrogen in order to be stored over extended time periods. Our clients use our electrolysers to bring power to remote communities, stabilise the electricity grid, or make their businesses or homes energy independent

Industry



Industrial innovators use green hydrogen to pioneer new industrial applications: Power-to-X, green ammonia, and bio-methane are just a few applications that our industrial customers have built with the help of our electrolysers

Mobility



Our electrolysers provide a compact solution for any refuelling need. Mostly, mobility clients use them for onsite hydrogen production for their mobility applications: Trucks, buses, cars, and corporate fleets

Research



Various institutions and universities around the world use our electrolysers for groundbreaking research. From Australia to Canada, Enapter's products contribute to advancing the understanding of the global hydrogen economy

AEM multicore electrolysers

Enapter multicore products

■ Enapter provides various sizes of multicore ranging from 50 to 420 cores. These include the AEM Nexus 1000 (420 cores; 1008 kW) and AEM Flex 120 (50 cores; 120kW)

Advantages of Enapter multicores

- High efficiency and longer running times, enabling us to offer customers an uptime guarantee
- Cheaper than similarly-sized PEM electrolysers (and on par with alkaline), Enapter's AEM Multicore unifies the best of water electrolysis technologies
- Hot-swapping capability provides **built-in redundancy for** green hydrogen that never sleeps
- Rapid reaction to intermittent renewable energy supply, with ability to operate at lower energy input levels than competing players

Inside the AEM Nexus 1000



AEM Flex 120







References for MW class systems ordered





Braunschweig Research Airport (Steinbeis): First AEM Multicore delivered. In commissioning as of Feb 2024, to deliver sustainable on-site fuel for heating and mobility at a leading European mobility competence centre













Selected orders from backlog (as of mid April 24)

- Adsensys: Ordered an AEM Multicore to produce green hydrogen on-site at a hydrogen filling station in the Netherlands
- Intelligent Energy: Ordered an AEM Multicore for fuel cell FAT testing in the United Kingdom
- Prince Edward Island (AKA/Re-Fuel): Ordered two AEM Multicore to increase energy self-sufficiency in the areas of heating, transportation, shipping, industry, and aviation in Canada
- **Jeju island (YEST):** Ordered an AEM Multicore to demonstrate and compare different hydrogen production technologies in South Korea
- Wolong: JV with Chinese engine manufacturer that includes framework supply contract of 5 MW multicore systems for various customers in China and production of AEM electrolysers locally in China.
- **Unigranit:** Ordered an AEM Multicore intended to be expanded to 1 MW in long term to inject hydrogen into gas mix to make production processes more sustainable
- **Films Spa**: Ordered AEM Multicore for on-site green hydrogen production project from solar power to be used in Anzola (IT) facility for metal hardening processes





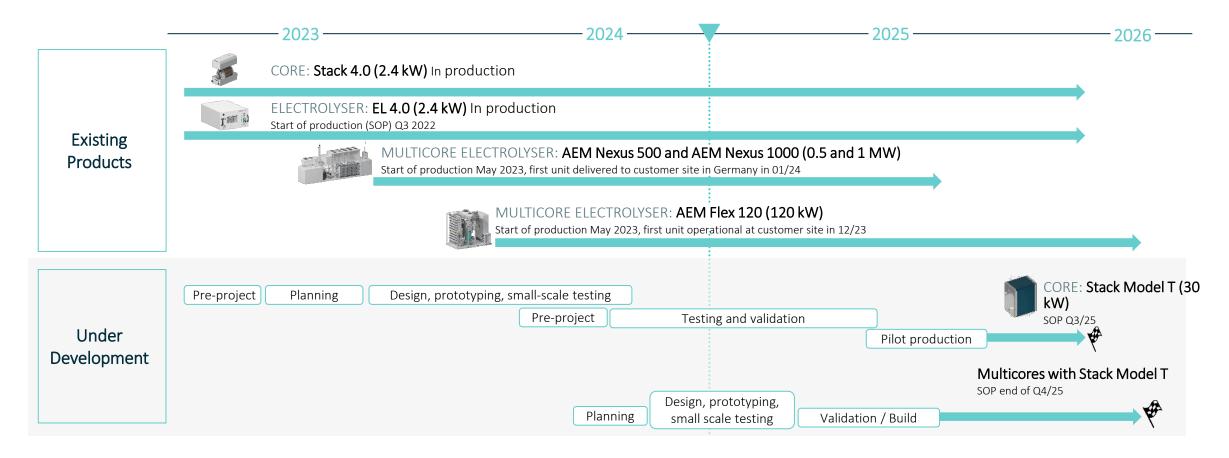
More information on key go-to-market partners

Partner name	Country	Footprint	Sectors	Comment
Adsensys		Europe	Mobility	Long-standing partner who started with single cores and has now added multicores for HRS in NL to their portfolio
RE-FUEL*2	*	Canada	Heating, Mobility, Industrials	Canadian partner who ordered 2 AEM Nexus 1000 in 2023 to increase energy self-sufficiency on Price Edward Island
WOLONG Power your future	*3	China	Industry	JV established for distribution in China, plus framework supply contract for delivery of 5 MW multicore systems and hundreds of single cores for customers in China
YEST	# # #	Asia	Various	Ordered multicores for delivery in 2025 to demonstrate and compare different hydrogen production technologies in South Korea (joint pilot project on Jeju island)
H2 CoreSystems		Worldwide	Various	H2 Core Systems develops modularly configurable electrolysis systems that use Enapter electrolysers and builds and markets the AEM Flex 120
(ps		Germany	Households	HPS picea® system is the the world's first product for a CO2-free energy supply in single- and two-family homes and features Enapter's electrolysers
Fuel Cell SYSTEMS		UK	Mobility, Industrials	Fuel Cell Systems Ltd are a UK based Hydrogen and Fuel Cell design and integration company providing solutions for off-grid power and hydrogen refuelling systems for fuel cell vehicles
HEPHAS energy	*	Asia	Energy	Hephas Energy is a Taiwan based engineering company provides hydrogen equipment and fuel cell testing equipment
CLEAN#2		USA	Energy	Exclusive partnership with a distribution agreement in the USA



Product range - existing and under development

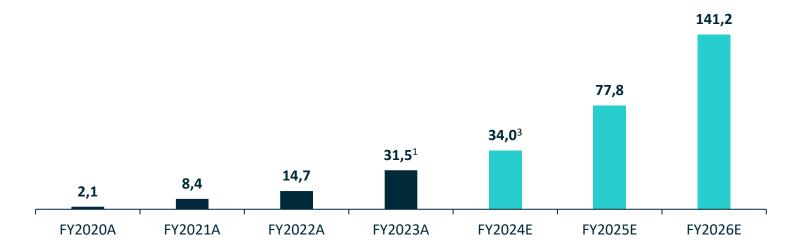
- = Enapter is focused on ramping up the commercialization of existing products using the Stack Model 4.0, while continually making quality improvements
- Meanwhile, the company is investing in R&D to develop a larger AEM electrolyser core, under project name "Stack Model T", and multicore products utilizing this larger core
- This will increase the scale of solutions Enapter can offer, while continuing to drive further cost efficiency





Historical & projected revenue development

Broker research estimates² Revenue (€m) FY2020A FY2021A FY2022A FY2023A FY2024E FY2025E FY2026E **Enapter** 2.1 8.4 14.7 **31.5**¹ **34.0**³ AlsterResearch 84.0 n/a 48.6 n/a (Pareto 111.0 n/a Securities



Broker Consensus

- Enapter guidance projects product sales to approximately double from FY 2023-24 with multicore deliveries in 2024
- FY2023A revenue was composed of EUR
 16.5m product sales and EUR 15m recognised
 on US license agreement
- In FY 2023 Enapter shifted its focus to marketing the multicore products which accounts for the nearly flat sales revenue as single core electrolyser sales grew incrementally and orders flowed in for multicore products
- From FY 2021-22 single core electrolyser revenue grew by 75% while Enapter was focused on the single core

Note: 1) FY23 revenue based on Enapter's preliminary figures for FY2023. 2) FY24E – FY26E is based on the latest broker research from AlsterResearch (01.03.2024), Bryan Garnier (09.01.2024), First Berlin (01.03.2024) and Pareto (06.09.2023). Note: 3): Enapter Guidance



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First Berlin

67.4

77.8

141.2

141.2

Historical & projected EBITDA development

Broker research estimates² EBITDA (€m) FY2020A FY2021A FY2022A FY2023A FY2024E FY2025E FY2026E **Enapter** (2.9)(7.6)(10.6) 0.4^{1} (7)-(8)³ AlsterResearch (7.7)n/a (20.0)n/a **Pareto** 7.0 n/a Securities 丽 (6.8)9.5 First Berlin **Broker Consensus** (6.7)9.5



Economies of scale in production ensure better margins.



Massive demand for megawatt systems underpins growth and automated production build-up.

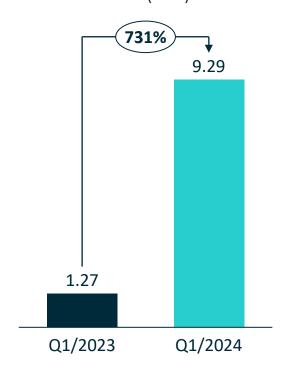


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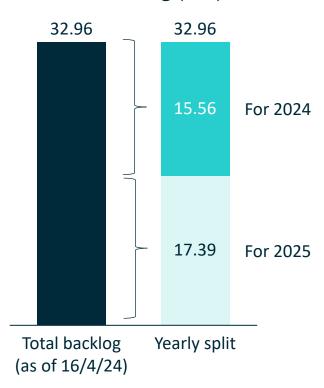


Order intake and backlog

Order intake (€m)



Order backlog (€m)





Order intake has increased sevenfold compared to the previous year and totalled **EUR 9.3M in Q1/2024**



Order backlog (as of April 2024) stands at EUR 32M, out of which **EUR 15.6M are orders for 2024**







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