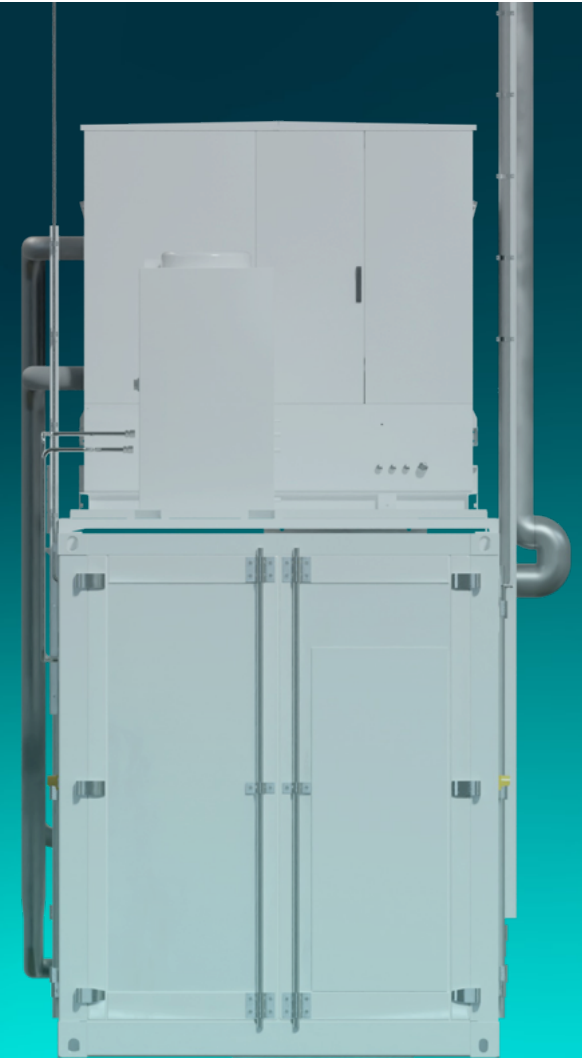
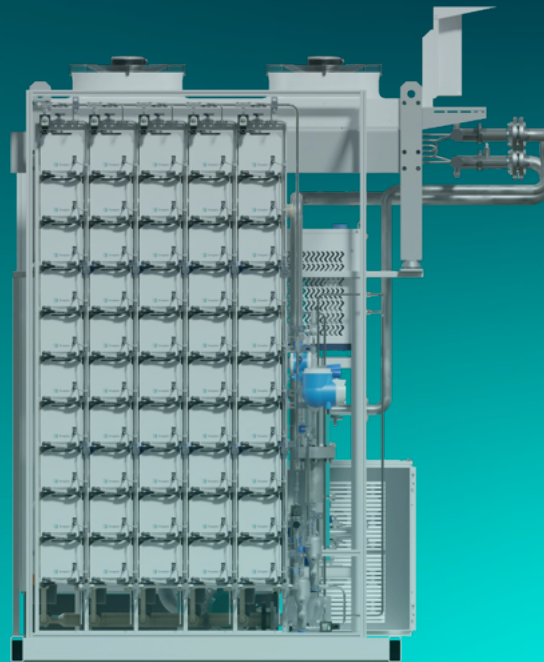
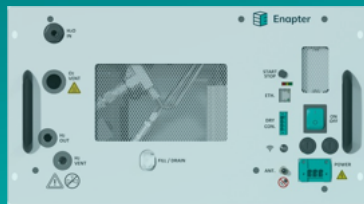
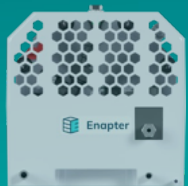


AEM Electrolyzers

Smart. Simple. Scalable

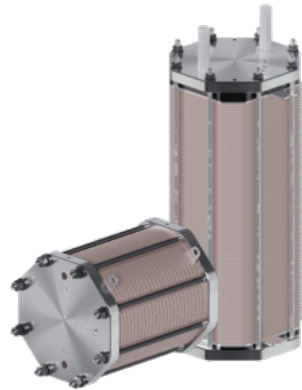
Enapter
Technical Presentation





15 years
of **AEM**
technology

_How the AEM technology works



- Dynamic operation with renewable sources
- Strong patents
- Electrochemical compression to 35 bar
- Best-in-class efficiency
- Free from Iridium and PFAS



_Why AEM?

AEM Technology Review

	PEM	Alkaline	 AEM
Supports intermittent renewables	✓	✗	✓
Iridium free	✗	✓	✓
Titanium free	✗	✓	✓
Compact design	✓	✗	✓
High current density	✓	✗	✓
Electrochemical compression	✓	✗	✓
Safe-to-handle electrolyte	✓	✗	✓

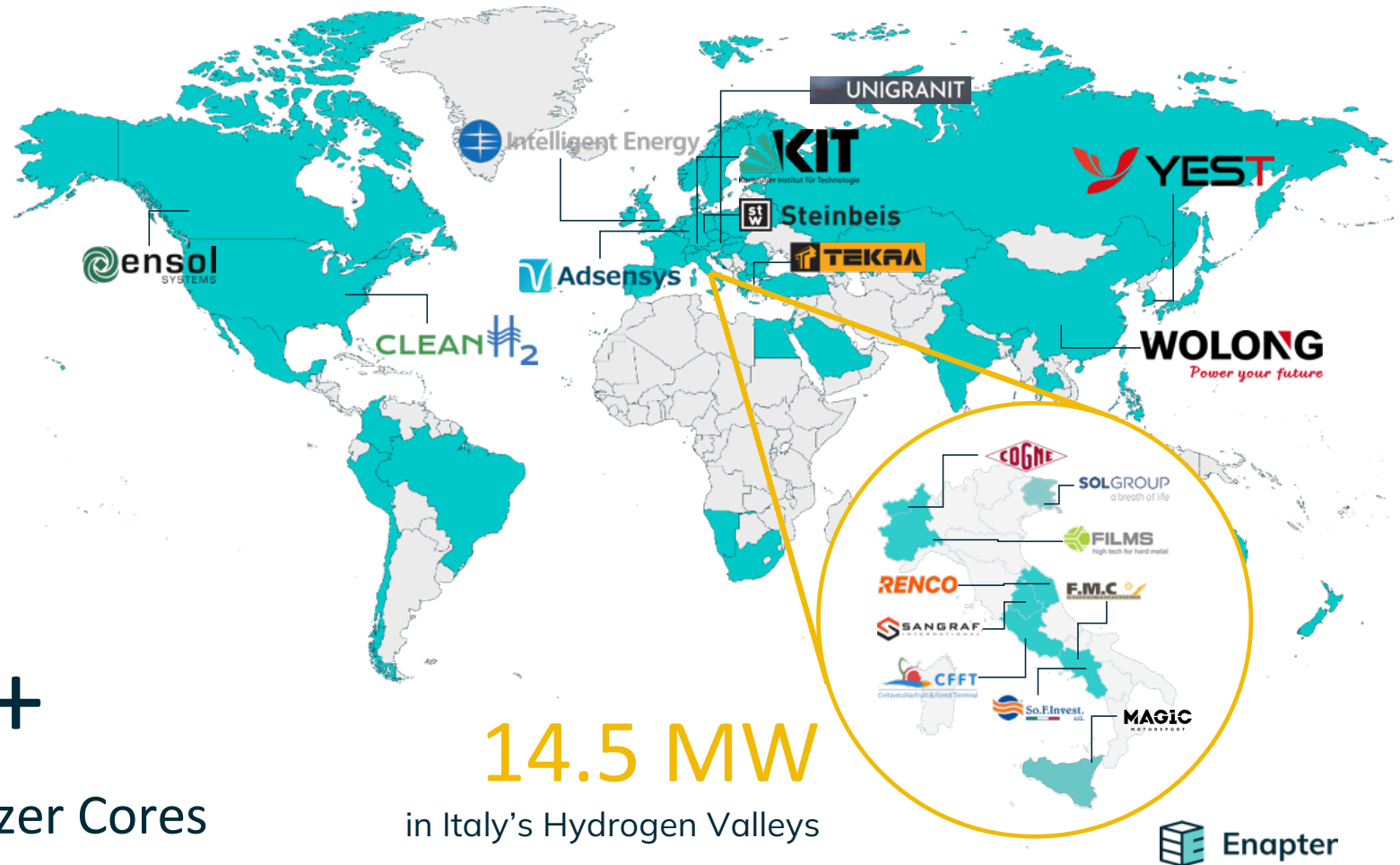
Enapter's success

375+
customers

55+
countries

12,000+

AEM Electrolyzer Cores



14.5 MW

in Italy's Hydrogen Valleys



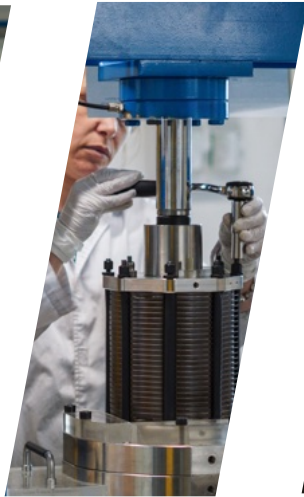


Industrial Mass Production

100% of our stacks are tested multiple times before leaving our factory



Electrode
Manufacturing
& Coating



Stack
Assembly
Lines



First
Performance
Test



Pressurized
Leak
Test



System
Assembly



Final
Acceptance
Test (FAT)

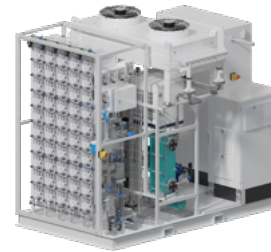
Our Hardware Products



Stack2.4
2.4 kW



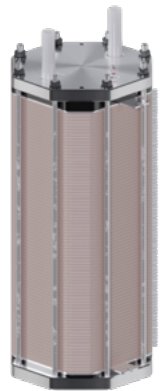
EL 4
2.4 kW



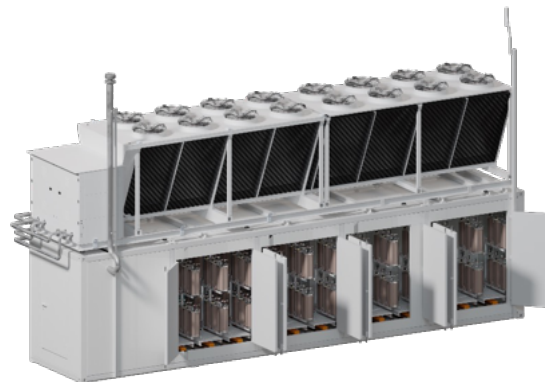
AEM Flex 120
120 kW



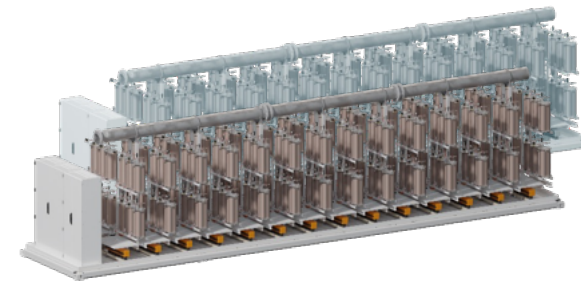
AEM Nexus 1000
1 MW



Stack25
25 kW



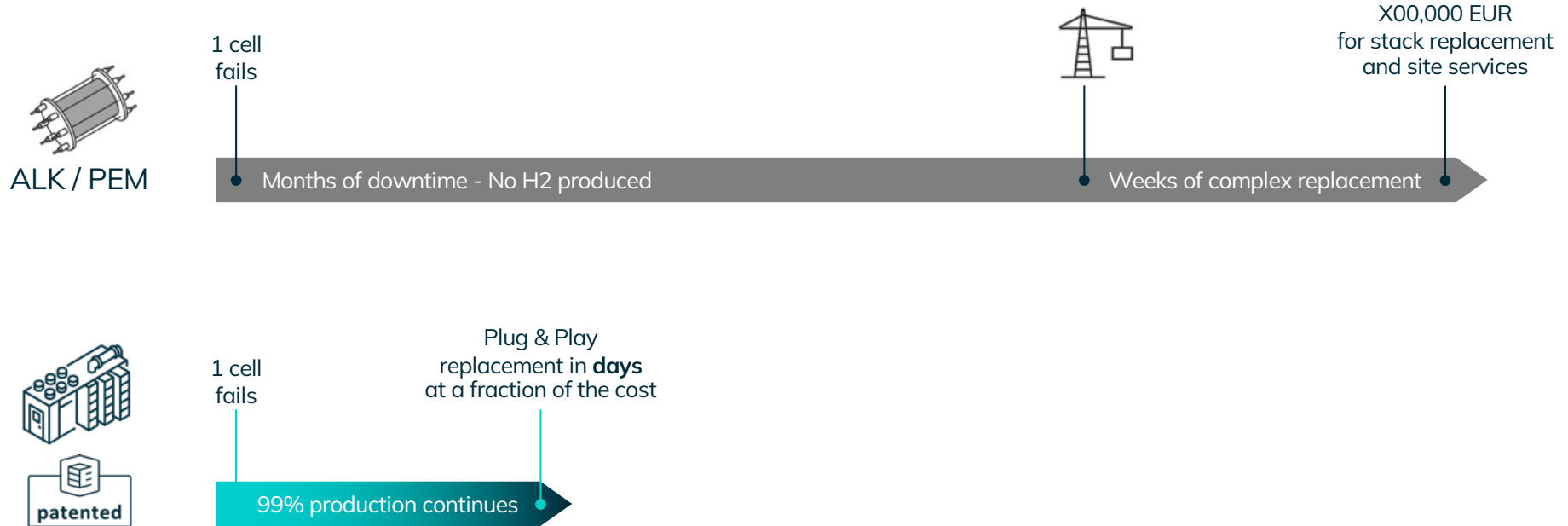
AEM Nexus 2500
2.5 MW



Skid AEM solutions

Minimal Downtime – Optimized OPEX

Modularity for maximum ROI



Nexus applications



Enapter's AEM multi-core electrolyzers



- Industrial applications
- Refueling solutions
- Grid balancing & energy storage



Applications enabled by Enapter

Enapter's AEM electrolyzers at our client sites

