



POWERING INNOVATION. ENERGIZING TOMORROW.

Pareto Securities' Annual Energy Conference

10 September 2025

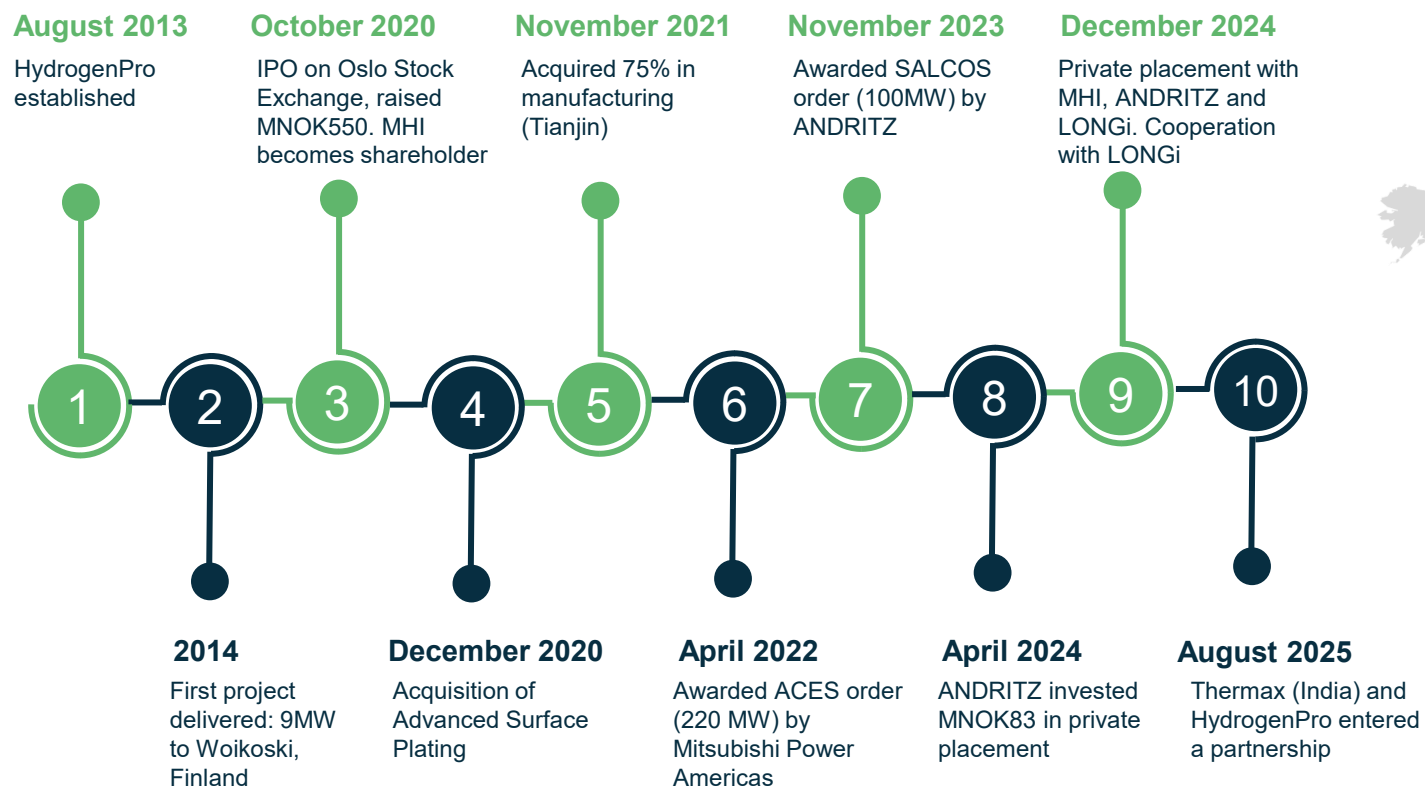
HydrogenPro

Disclaimer

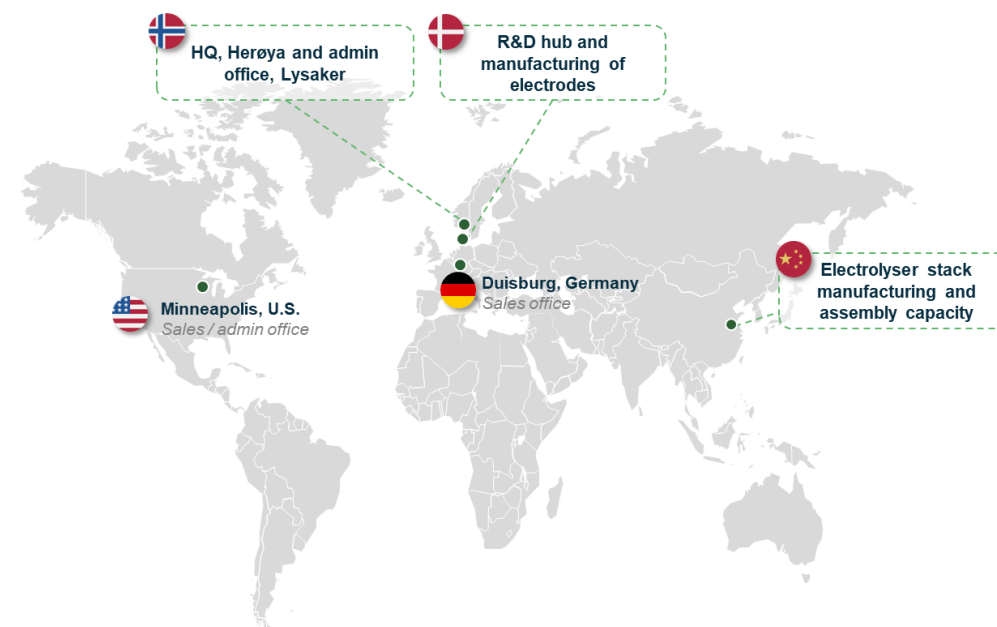
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A leading OEM delivering large-scale hydrogen projects worldwide

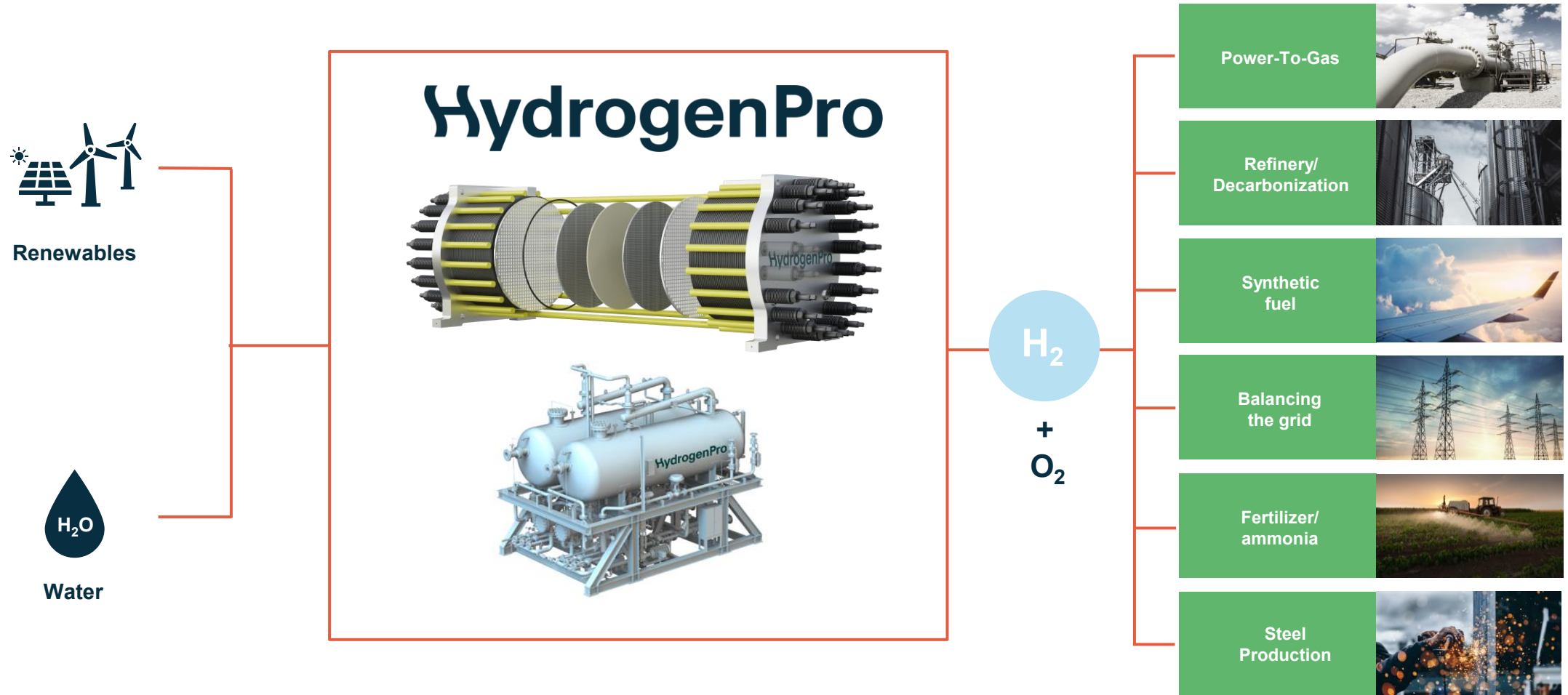
Historical milestones



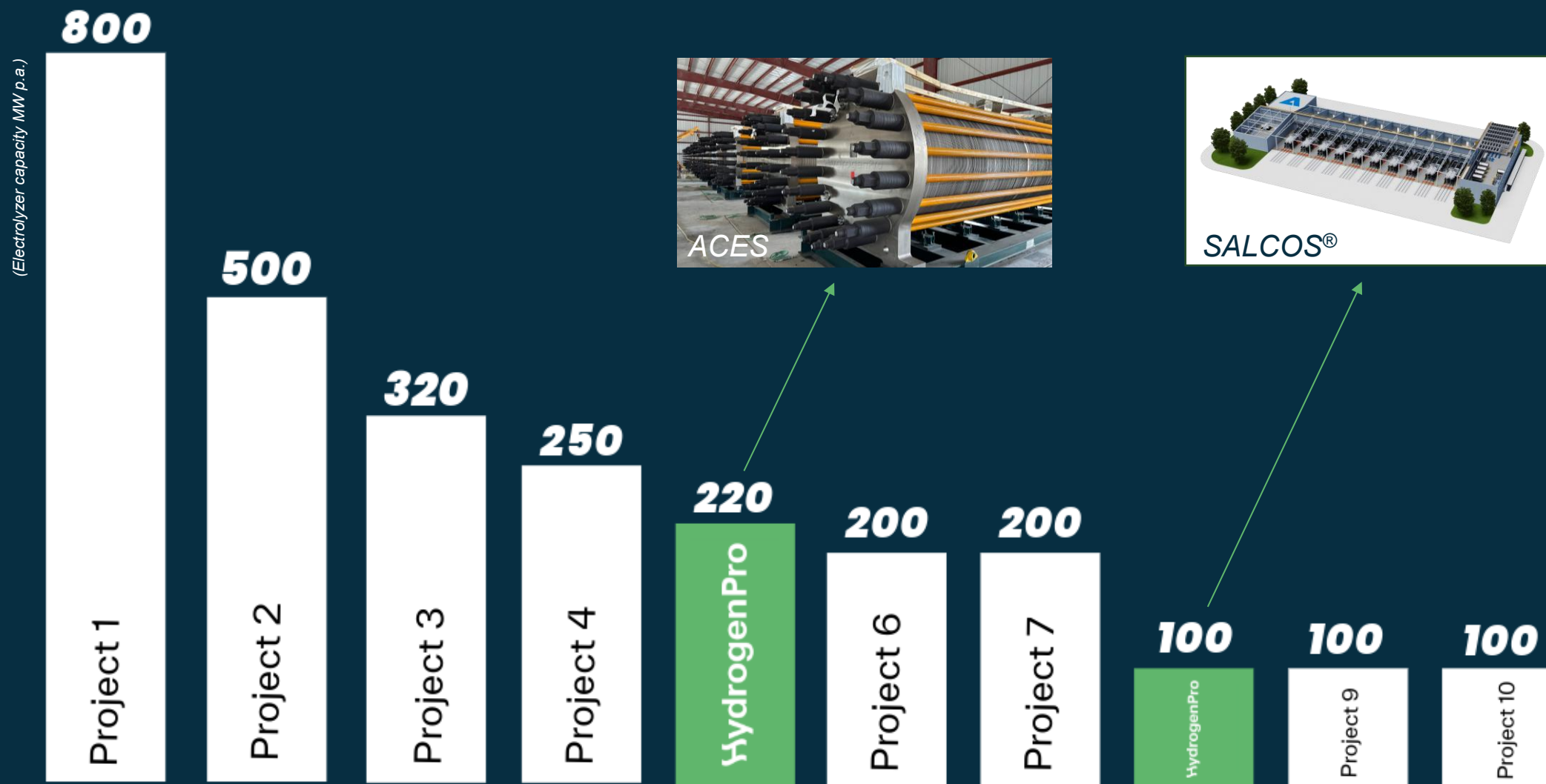
Global presence



Serving industrial applications and hard-to-abate sectors



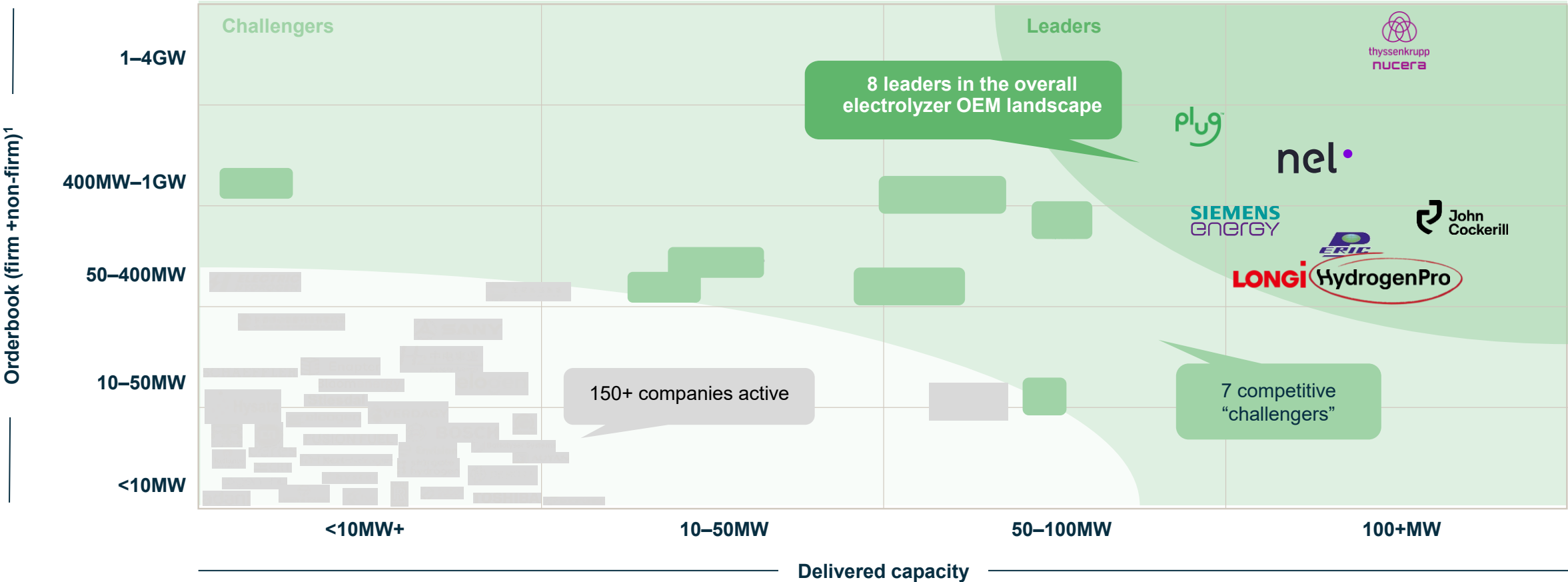
Trusted to deliver: 2 of the world's 10 largest hydrogen projects (excl. China)



Source: IEA "Hydrogen production projects" database

HydrogenPro among industry leaders

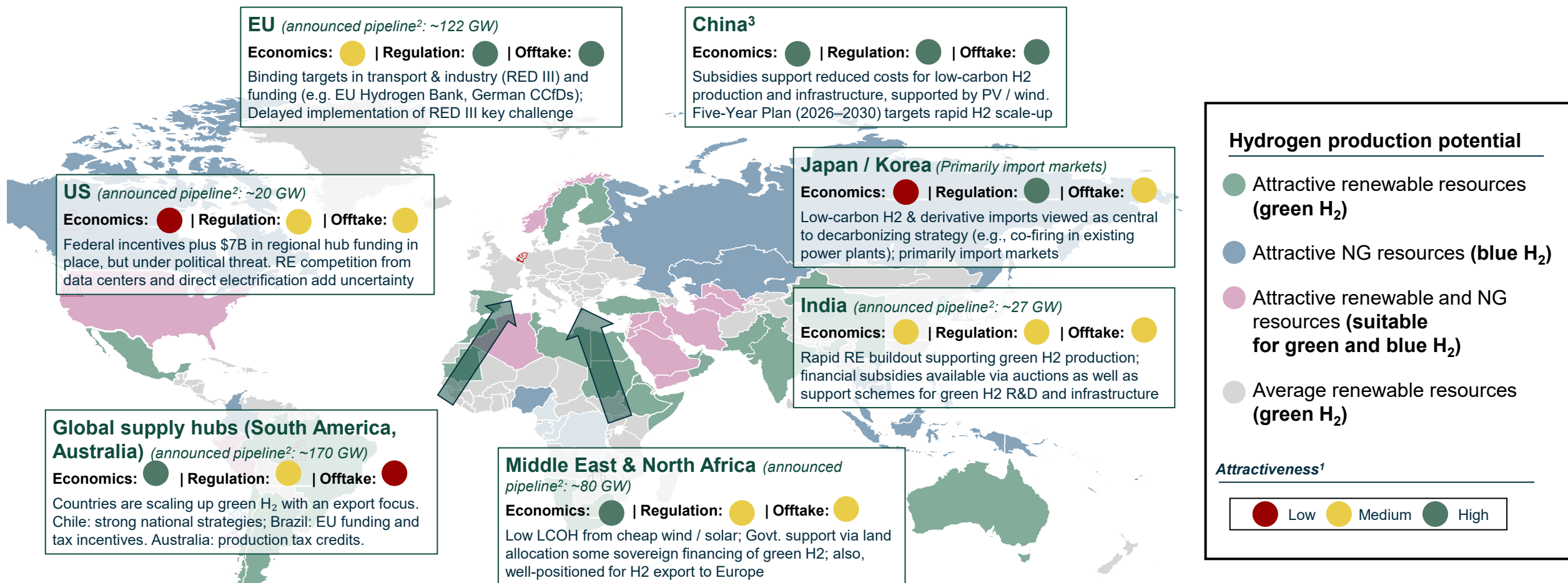
ELECTROLYZER OEM MAPPING BASED ON DELIVERED CAPACITY AND ORDERBOOK



Source: VNZ Insights, Company websites, reports and press releases.

1. Firm orderbook includes projects which have reached FID or where purchase order has been given while Non-firm orderbook includes pipeline in advanced FEED stages or where project has received funding increasing probability of realization. Orderbook does not includes Framework Agreements & MoU; Credit to the players for the logos.

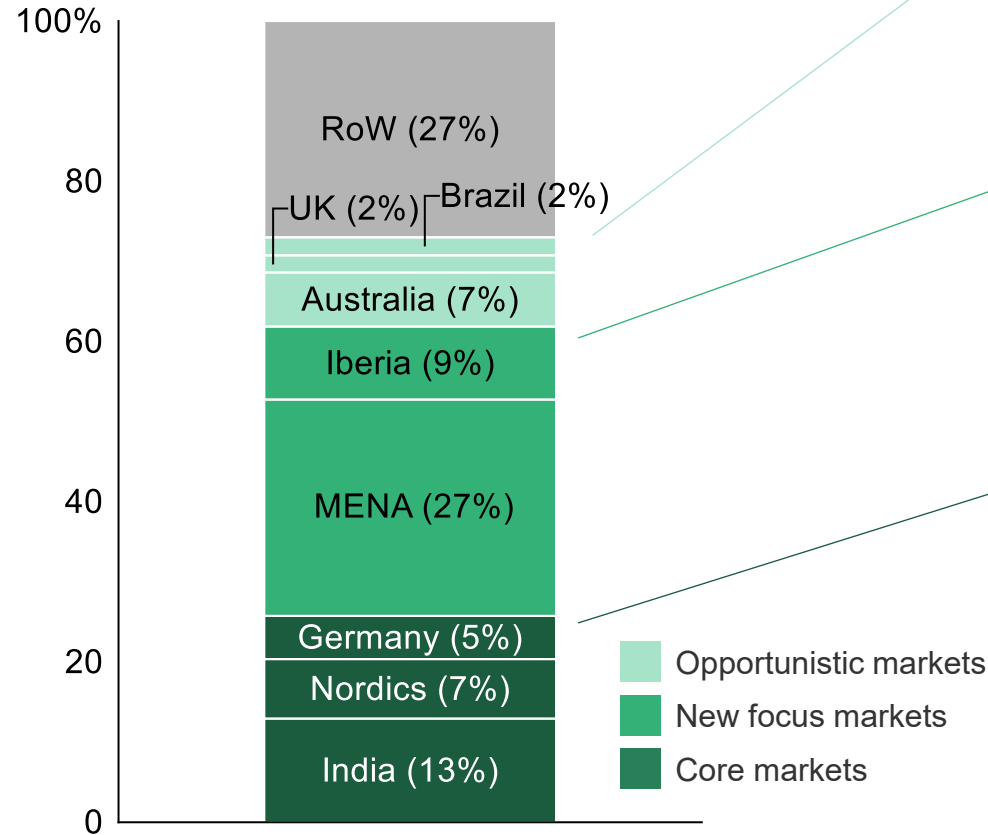
Most green H2 projects are in regions with strong economics, but demand comes from regulated, high-offtake markets like Europe



Note 1) Average across region; 2) Only includes green H2 with expected COD by 2030; 3) China capacity excluded due to database underrepresentation | Source: IEA; BNEF; Global Data; Lit. search

Our market focus positions us across the majority of the global project pipeline

Expected project pipeline
(CoD by 2030, %)



Source: GlobalData, Enerdata

Play opportunistically in other key markets



Brazil, Australia

- **Competing for good-fit projects on an opportunistic basis** when EPC partners receive leads that match our capabilities

Increased focus on Iberian + MENA markets



Iberia, MENA

- **Searching for new EPC partners** with deep knowledge Iberian + MENA markets
- **Target to build Iberia presence** with ambition to secure 300 MW+ in projects by 2030 (individual projects at 50-200 MW scale); **open to similar-scale projects in MENA**

Core markets focus on Northern Europe and India



Northern Europe

- **Collaborating closely with Andritz and JHK** to build on existing core market presence; **target 200 MW+ p.a.** (as 10-150 MW projects); aim to increase market share to 10-15%



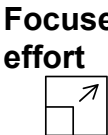
India

- **Leveraging Thermax EPC partnership** and Longi production facilities to win first projects in Indian market; **Secure 100-150 MW projects in production pipeline towards 2030**

Commercial team driving partnerships, prioritizing green hydrogen in steel, storage, refineries, and PtX

Lean commercial team is working well with partners in current markets...

...and developing new partnerships



Strong collaboration with existing partner

Account manager as clear interface, supported locally

Strong **track-record** combines well with experienced EPCs

Prioritizing **high-probability** EPC projects

Building EPC partnerships and local HyPro sales in **MENA and Iberia**



Steel DRI

Storage / grid balancing

Ammonia / fertilizer

Refineries

e-SAF / e-fuels



Andritz



Andritz



Thermax
(limited mkt. potential)



Andritz
(limited mkt. potential)



Andritz / JHK
(limited mkt. potential)



Thermax
(limited mkt. potential)



Andritz



Unlikely to be produced



Thermax



(Potentially Andritz)



Andritz



Thermax



Andritz



Andritz / JHK



Thermax

Technology advantage: Superior positioning vs. alternatives

		PEM	Alkaline			HydrogenPro 3 rd Gen
		High pressure	Atmospheric pressure	High pressure		
	Plant efficiency	✗	✓	✓	➡	✓
	Low cooling need	✗	✓	✓		✓
	No noble materials	✗	✓	✓		✓
	Suitable for renewable energy	✓	✗	✓		✓
	High pressure on O ₂	✓	✗	✓		✓
	Suitable for P2X ¹ plants	✓	✗	✓		✓
	Proven for large-scale plants	✗	✓	✓		✓
		Legend: ✓ Best capability ✓ Average capability ✗ No/limited capability				

1. P2X = Power-to-X

Full-scale validation test confirming Gen3 electrodes and drives further performance improvements

Purpose

- › In cooperation with Andritz validating stack performance and operating conditions including **new design improvements** to reduce shunt currents and **3rd gen technology**

Location

- › Herøya, Norway

Equipment

- › One stack w/ **50% 3rd gen technology** and **gas separator + Coriolis measurement** (gas production), continuous cell voltage monitoring, pressure drops, temperatures, pressure sensors etc.

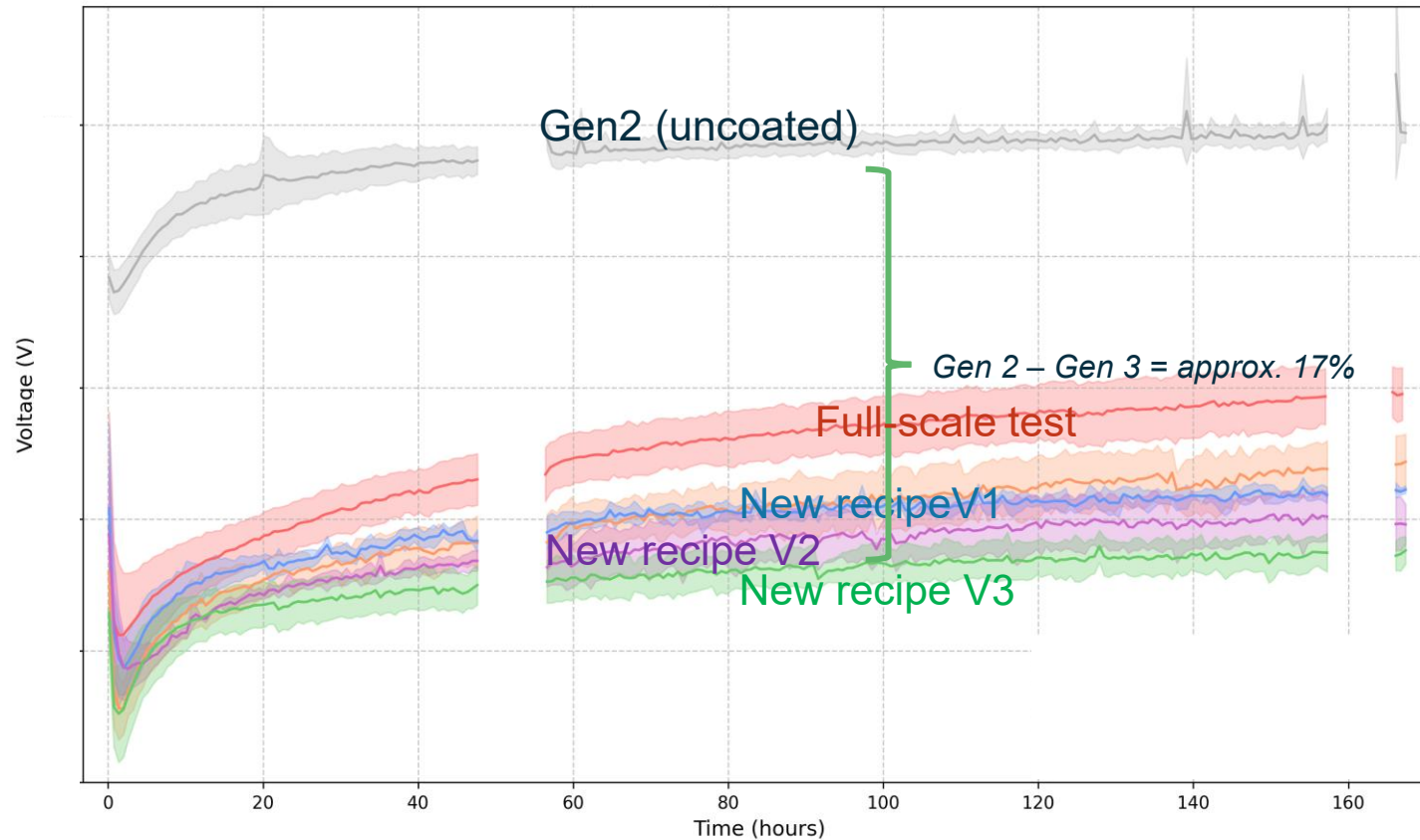


- › Electrodes produced in Aarhus
- › Stack assembled by in Erfurt
- › Test in start-up phase
- › 500 hours testing Q1 2025 at Herøya
- › Industrial manufacturing of **European value chain** demonstrated for pressurized alkaline electrolyzers



From Herøya, Norway

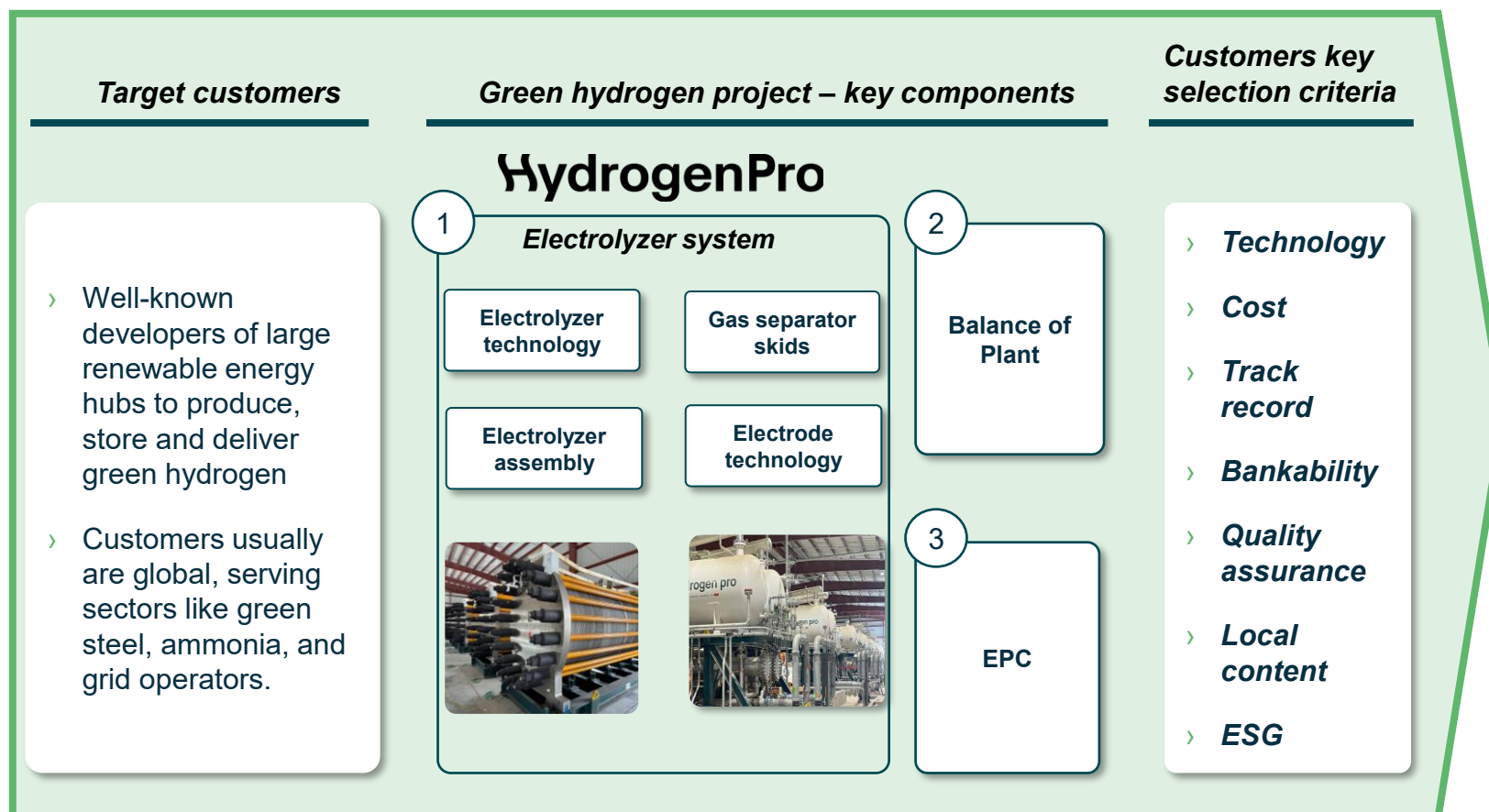
Additional cell voltage improvement obtained for new electrodes



Significant progress has been achieved over the past 3–4 months, including:

- › Uniform electrode coating
- › Improved electrode adhesion
- › 17% reduction in voltage (energy consumption) at Beginning of Life (BoL)
- › Based on recent modelling of reduced shunt currents, energy consumption is expected to reach 4.5 kWh/Nm³ (BoL)
- › Successful launch and operation of a new full-size, net-shape production line

HydrogenPro's partnerships enable full scope delivery on large-scale project, combining bankability, guarantees, quality...



Single interface

- › “EPC wrap” via Andritz & Thermax with single interface to simplify & standardize
- › “H2 module” via JHK: modular turnkey solution for small-scale

Aligned risks & guarantees

- › Increased lender confidence & bankability via EPC balance sheet & contract consolidation
- › Guarantee support through EPC holding risk on balance sheet

Joint product development

- › Technical feedback loop via performance data access to learn and improve
- › Knowledge & capability exchange with EPC to optimize total system

Clear roles & responsibilities

- › Wider customer reach through partner allows lean internal sales team
- › Efficient market expansion through local partners

HydrogenPro

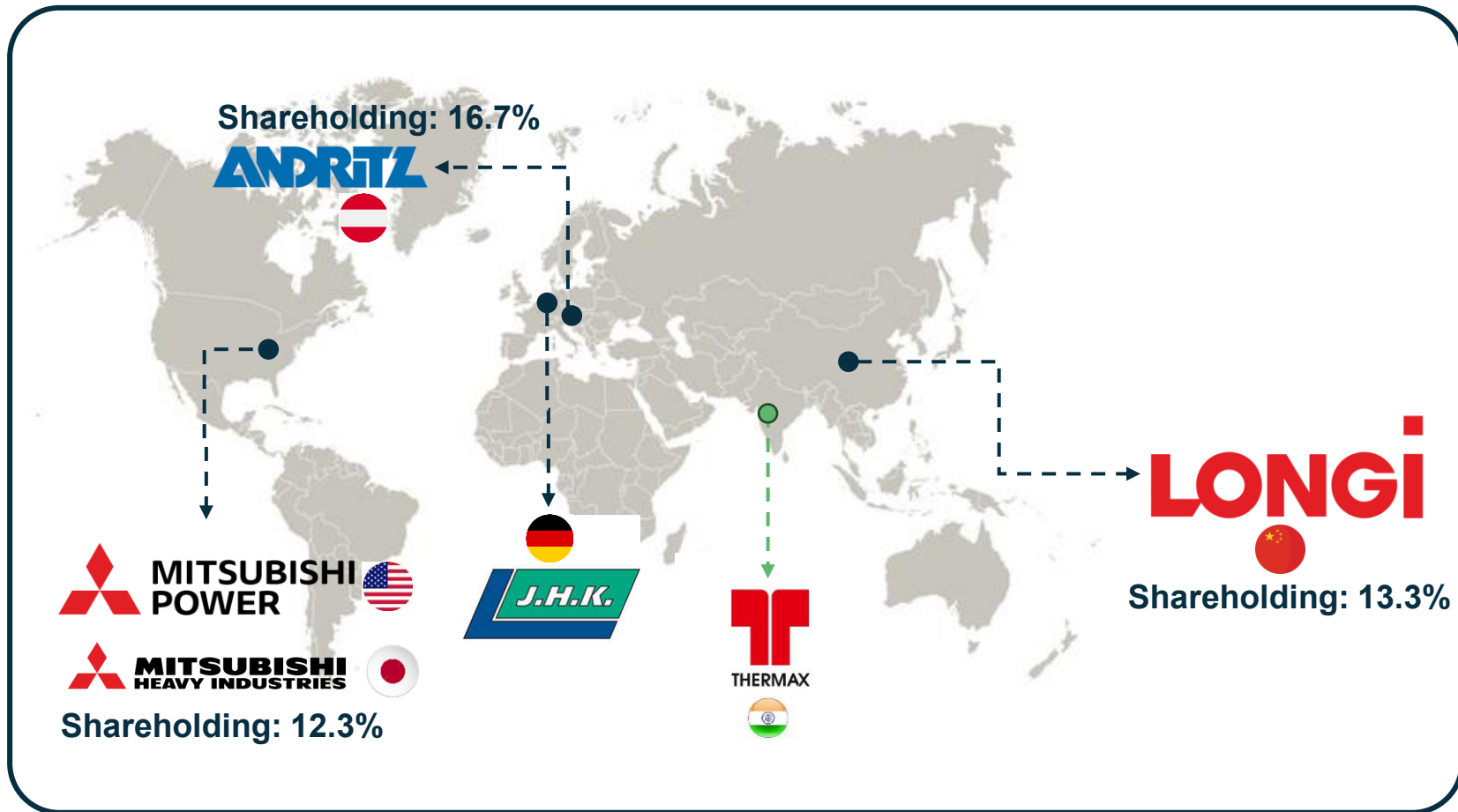
ANDRITZ

J.H.K.

Thermax

**MITSUBISHI
HEAVY INDUSTRIES**

...and global reach



We now have **five strong industrial partners**, committed to the energy transition, and these partnerships provide us with a global reach.

Key investment highlights



Vast TAM and massive growth potential for green H₂ underpinned by secular tailwinds

Favorable government policies provide critical support; new end markets unlock a bigger TAM for green H₂



HydrogenPro's 3rd-generation technology drives significant LCOH reductions

Technology developed for 10+ years with extensive R&D efforts



Substantial commercial traction with ACES hub and ANDRITZ contracts

Manufacturing for 220MW ACES project completed; 100MW ANDRITZ project in progress



Manufacturing capacity in place to service demand today with plans to expand globally

Existing 500MW capacity in China; investing in 350 MW electrode capacity in Denmark



Scalable business model positioned to grow

Recurring revenue and optimized production systems



World-class leadership team with deep industry knowledge

Management team brings valuable insights and execution capabilities in the hydrogen sector



HydrogenPro

Market leading global
provider of large-scale
green hydrogen
technology & systems

**POWERING
INNOVATION.
ENERGIZING
TOMORROW.**