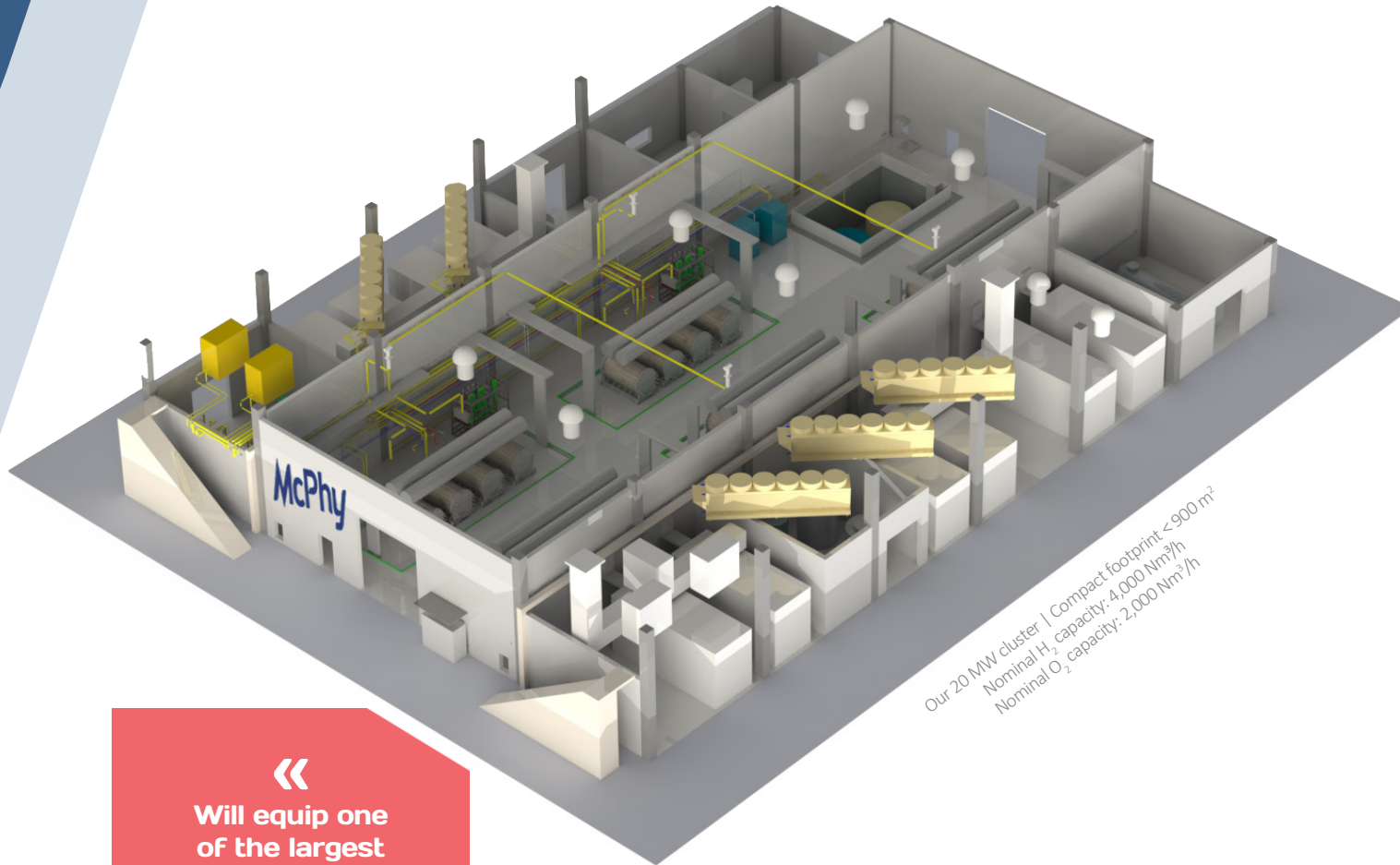




AUGMENTED McLyzer

Multi-MW to GW designs to produce zero-carbon hydrogen at a large scale

A unique combination between our **high-pressure alkaline electrolysis technology (30 bar)** and the advanced **high current electrodes**.



Our 20 MW cluster | Compact footprint < 900 m²
Nominal H₂ capacity: 4,000 Nm³/h
Nominal O₂ capacity: 2,000 Nm³/h

High energy efficiency

Economic competitiveness: best TCO (Total Cost of Ownership) in its category, with a high delivery pressure (30 bar) that significantly decreases the energy demand for further compression

Safety: consistent model simulations to bring the quality and safety of our equipment to a level never achieved

Very rapid dynamic response time, offering the required flexibility for the power-market led operation, suitable with primary leveling market requirements, pointing towards a totally optimized investment

Scalability: a compact, modularized and scalable architecture based on a 4 MW core module

Robustness: an angle stone for industrial players

Easy to install: stacks and balance of plant are manufactured by McPhy, on-site assembly is limited to interconnections



Will equip one
of the largest
zero-carbon hydrogen
production platform
to be implemented
in Europe
(20 MW)