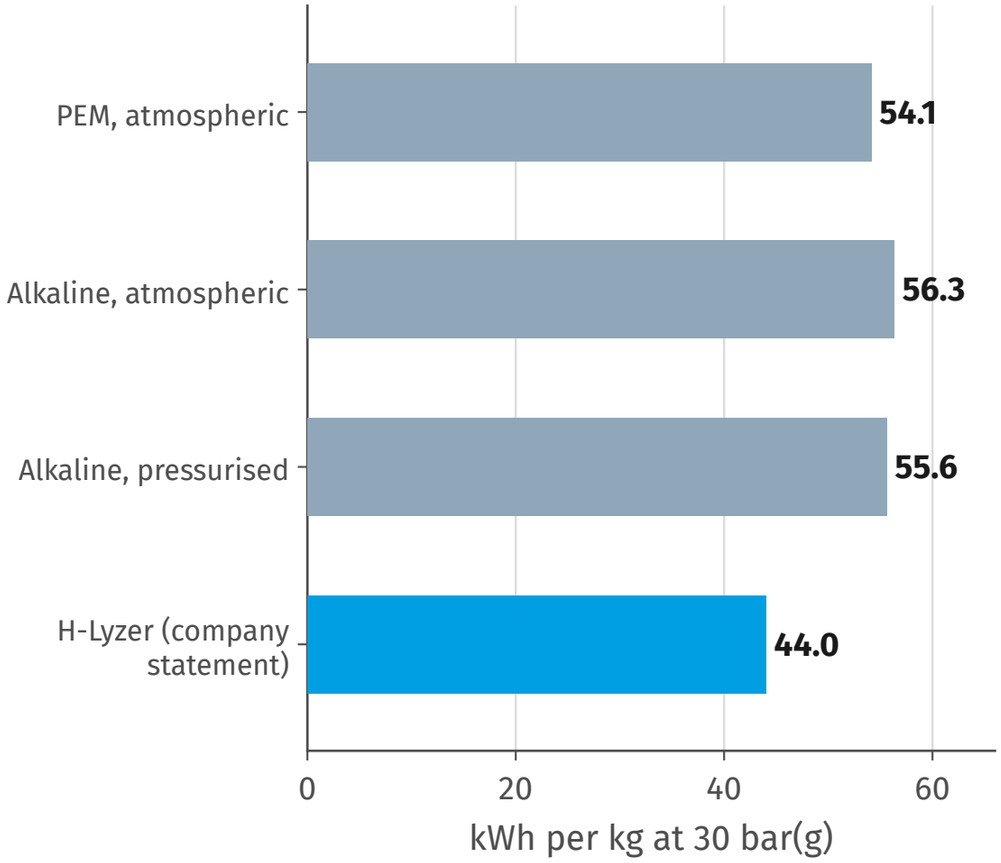
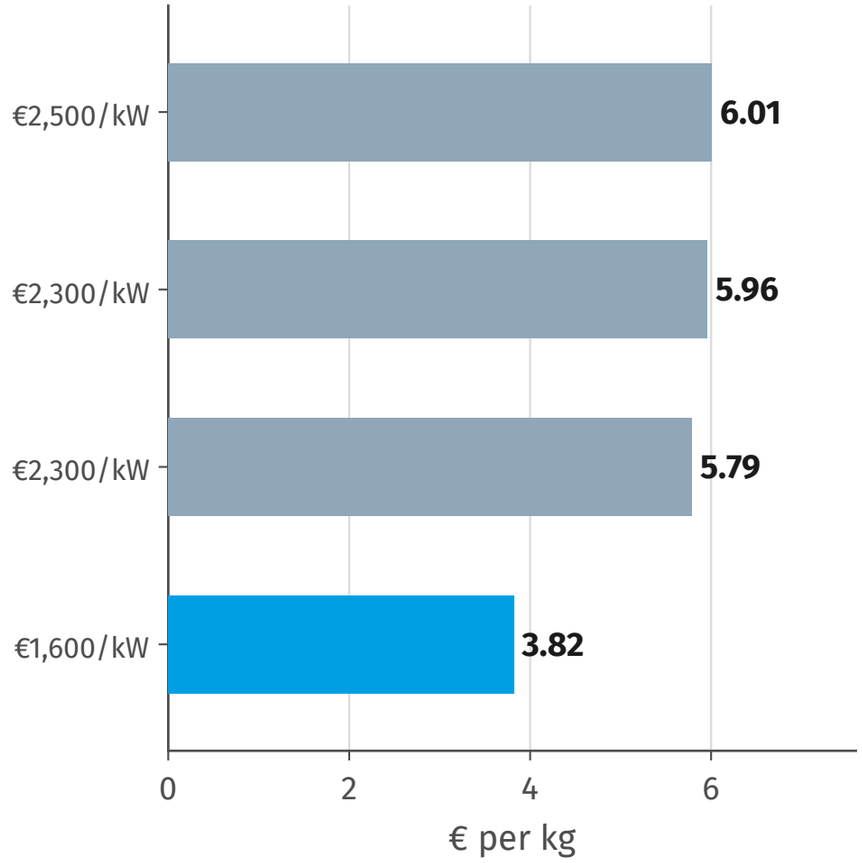
Electrolyser efficiency and its impact on LCOH in a typical European location

Electricity per kg delivered



LCOH at 4,000 h/yr, German power prices

Fully installed capex in a typical European location shown against each bar



100 MW, hydrogen at 30 bar(g) or more, 10%/yr capital charge. Compressor capex, power and maintenance included where needed.

Power at €46.7/MWh: average of Germany's cheapest 4,000 hours, Oct 2023 – Sep 2026, with 2026 charges.

Fully installed capex in a typical European location: sbh4 estimates for the commercial systems, shiptown target.

sbh4 consulting

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