

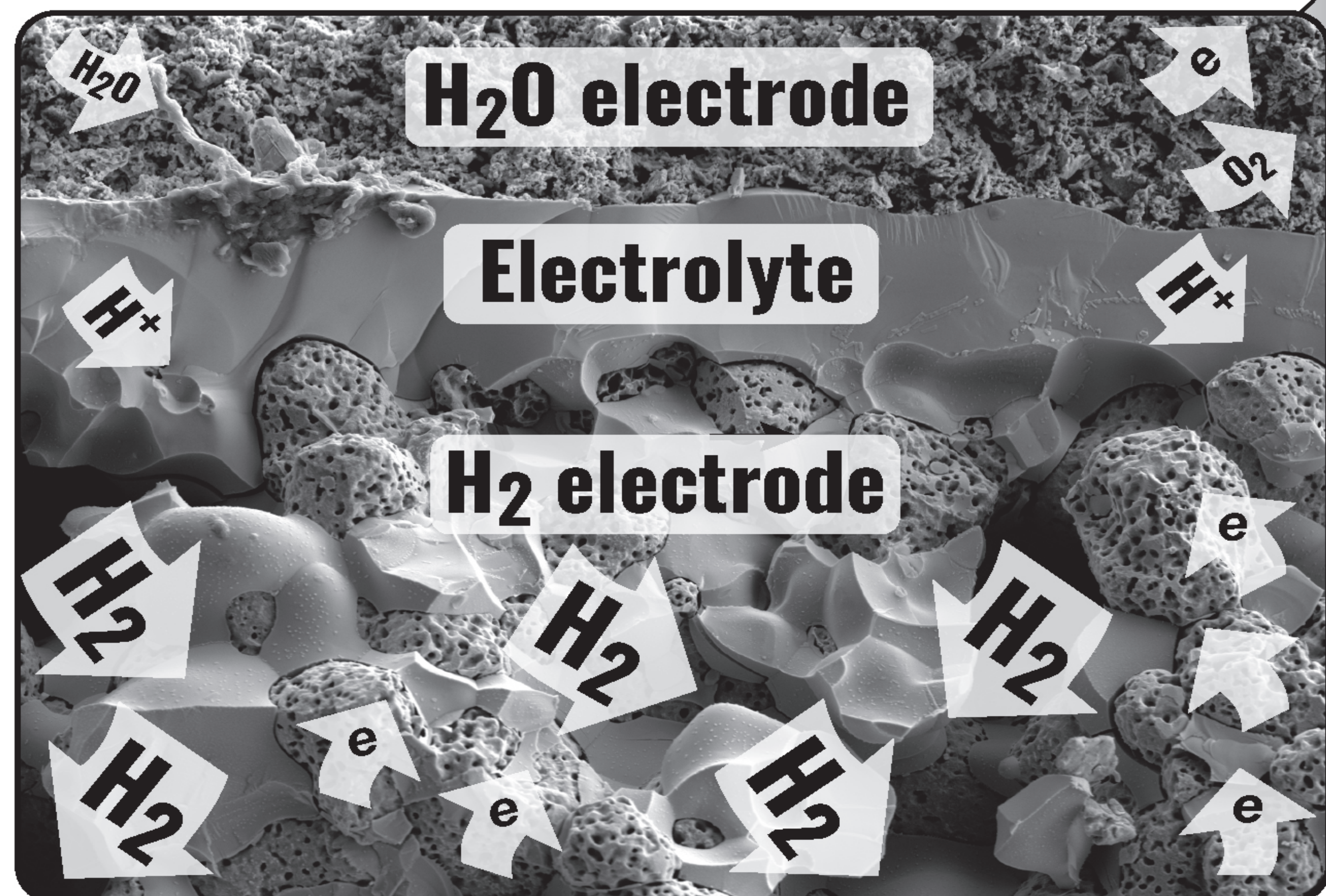
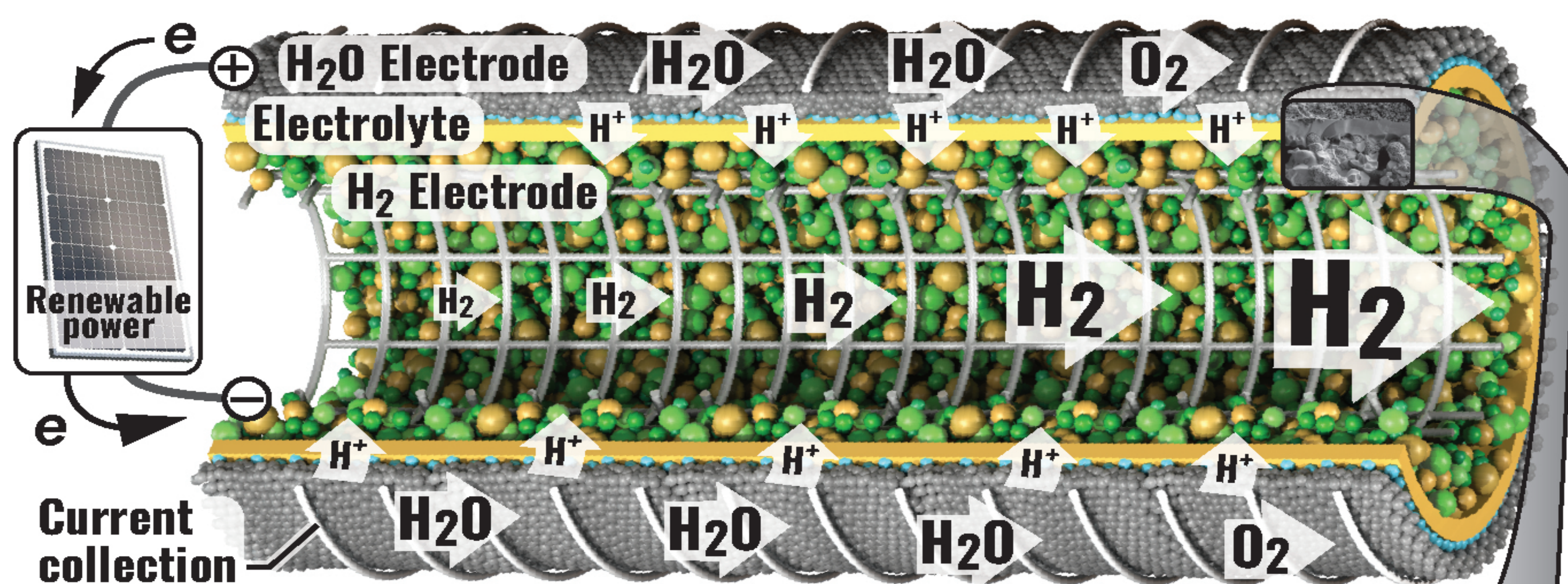


Synthesizing H_2 and O_2 on the Moon and Mars with Solid-Oxide Electrolyzers

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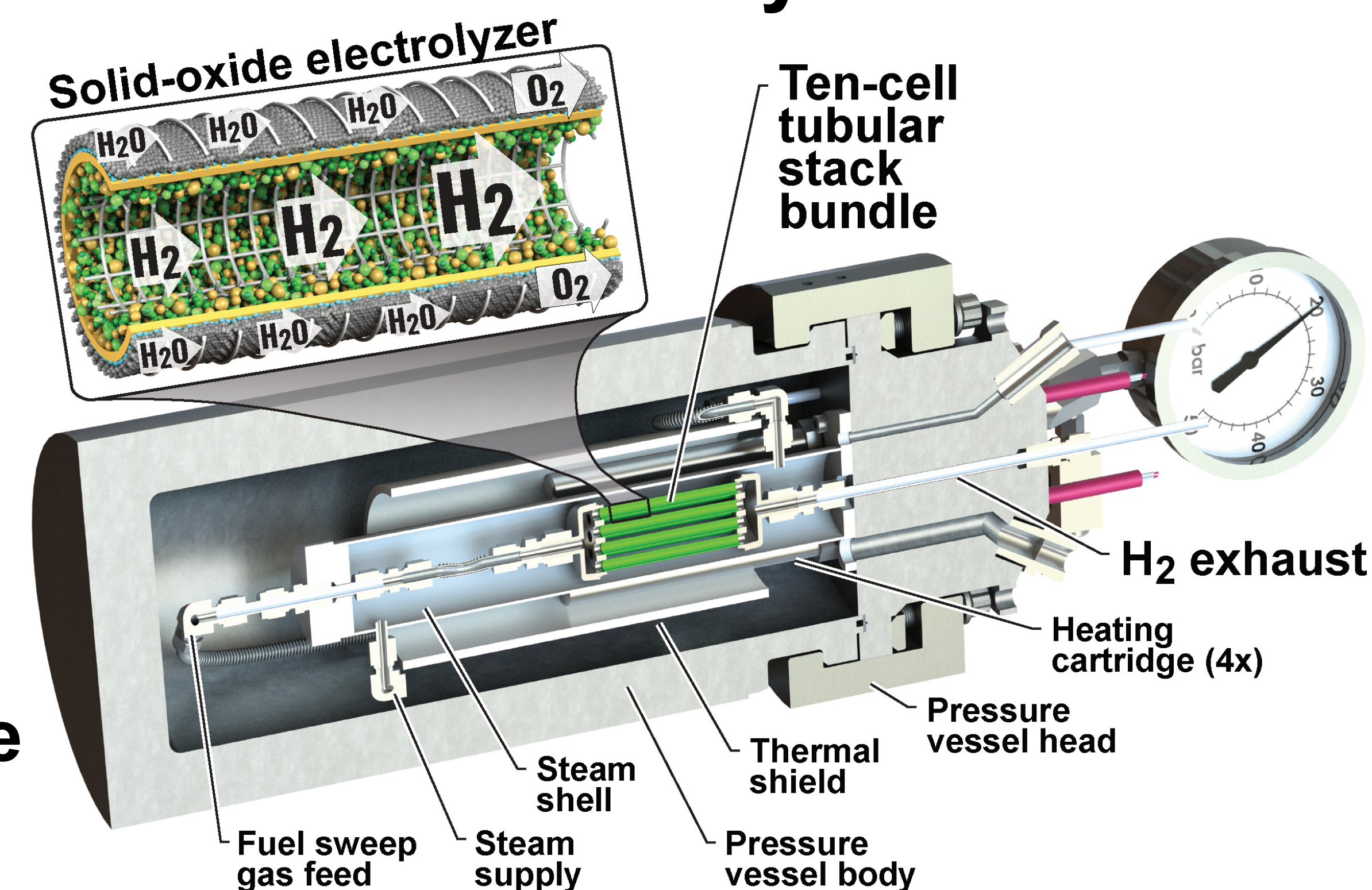
H_2 and O_2 production from H_2O + solar



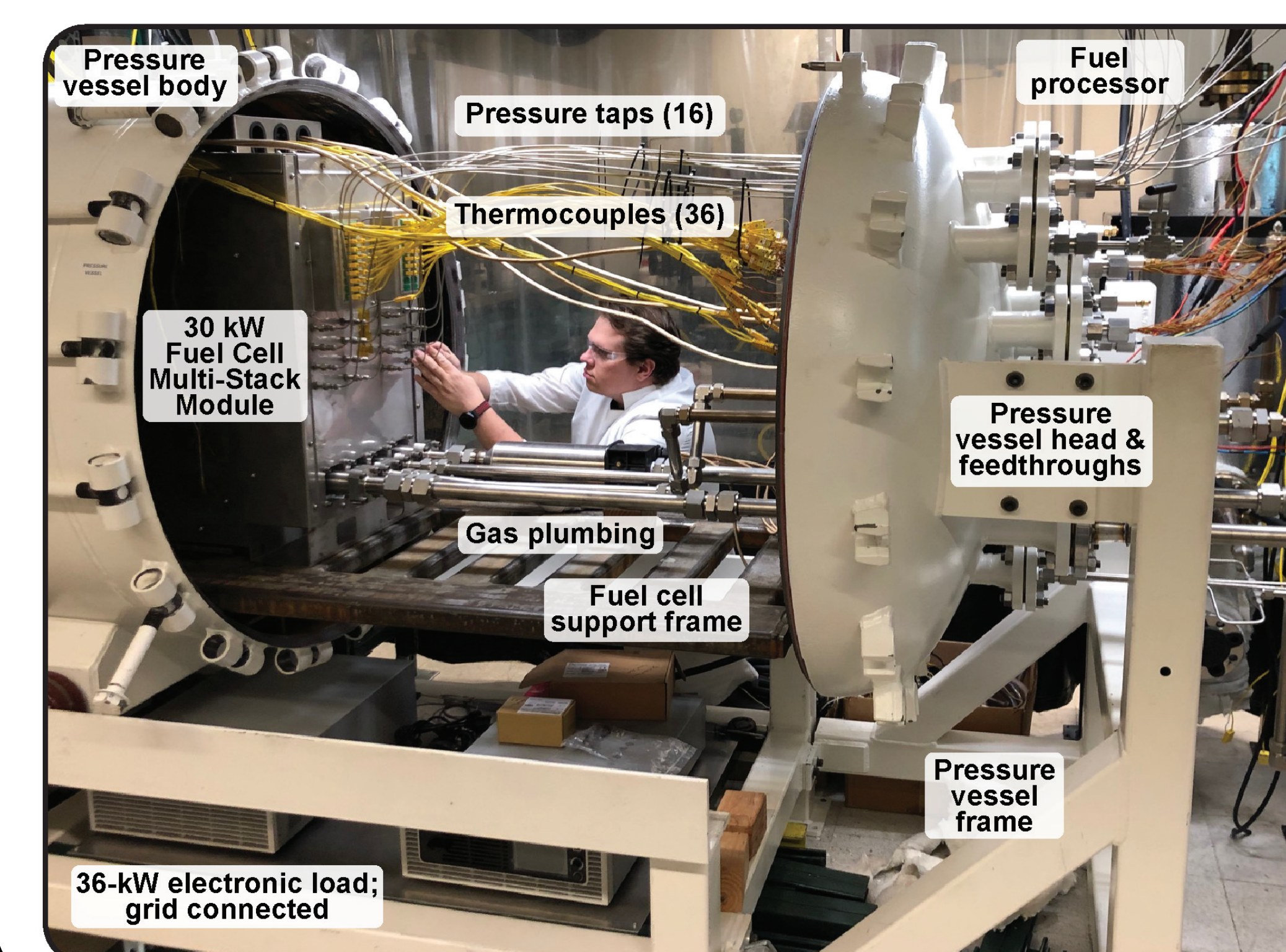
Unique infrastructure: 1 Watt to 36 kW

High pressure solid-oxide electrolyzer test bed

- H_2 at 100 bar, 1 std Liter / min
- Electrolyzer at up to 900 °C
- Single-cell to small-stack scale



18-kW solid-oxide electrolyzer test bed



- 1000-cell assembly: 4 stacks x 250 cells per stack
- Strong commercial partners

