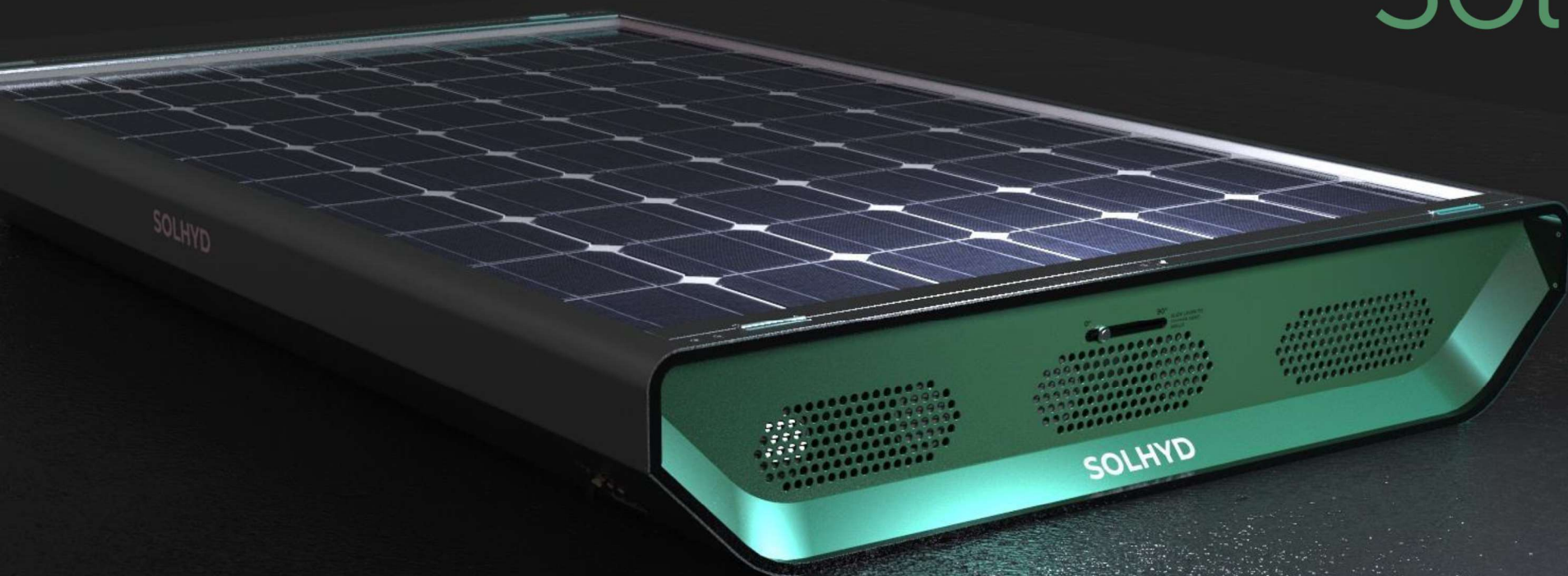


Solhyd

Solhyd



Solhyd: hydrogen panels

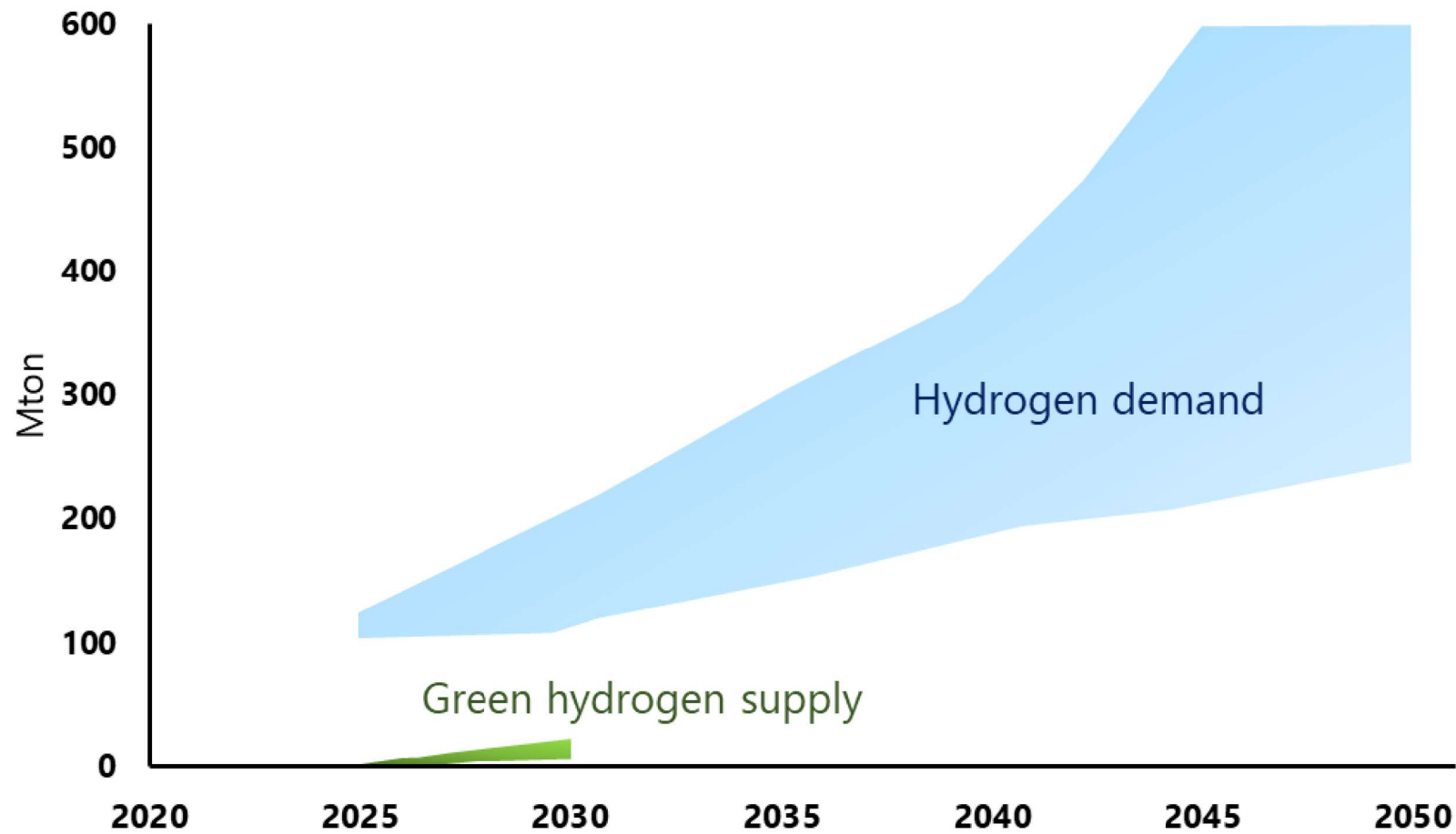
WIC fair

Turnhout, 6 June 2024

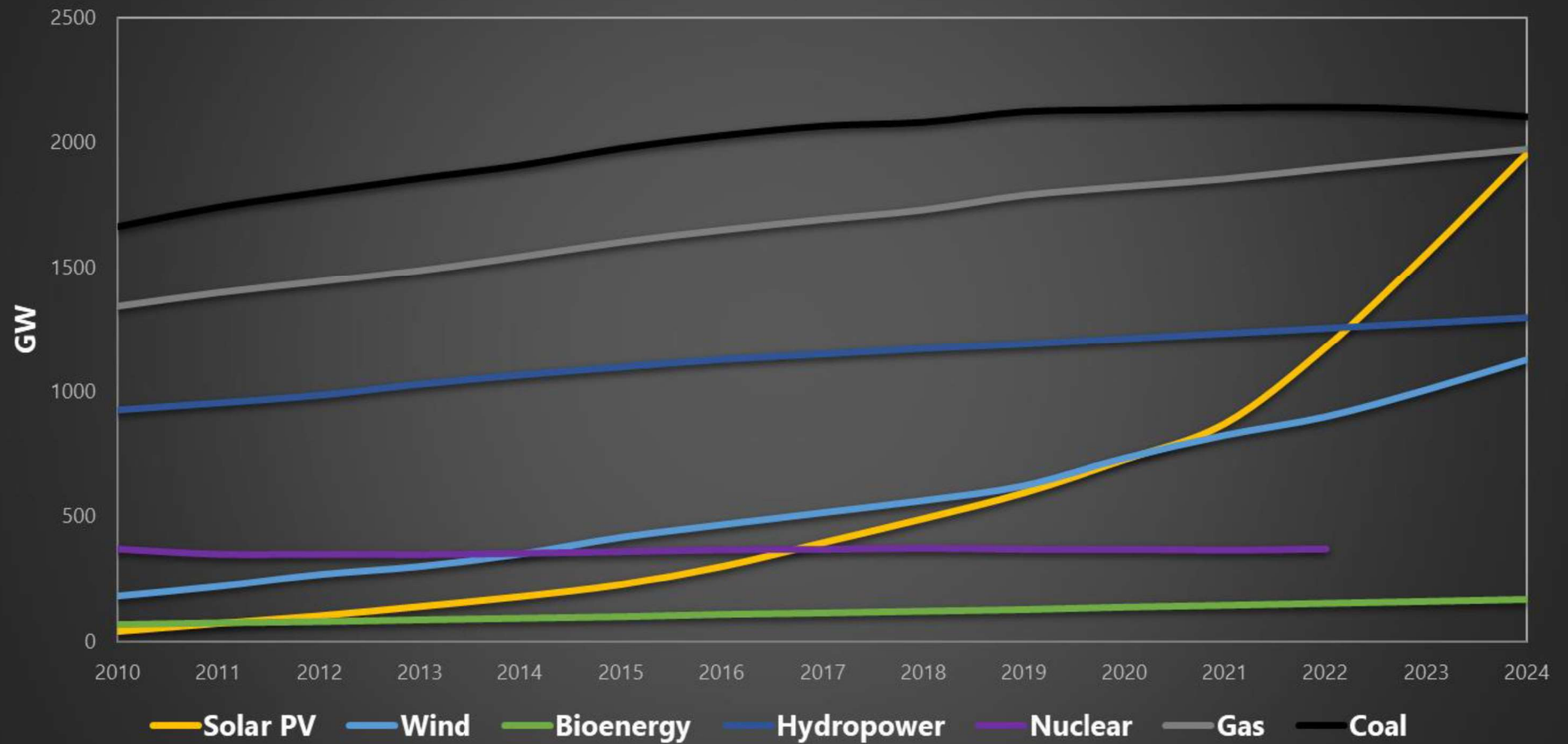




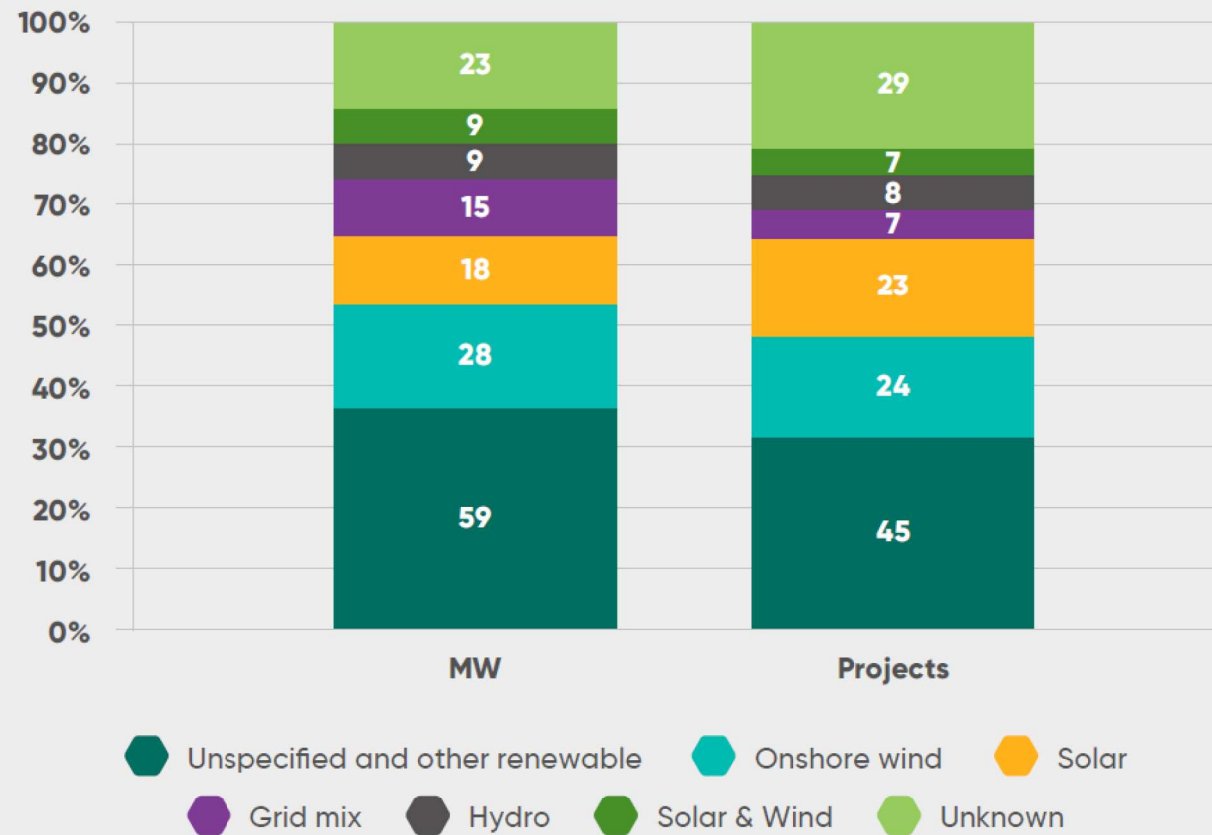
Green hydrogen faces a huge **supply gap**.



Power generation capacity



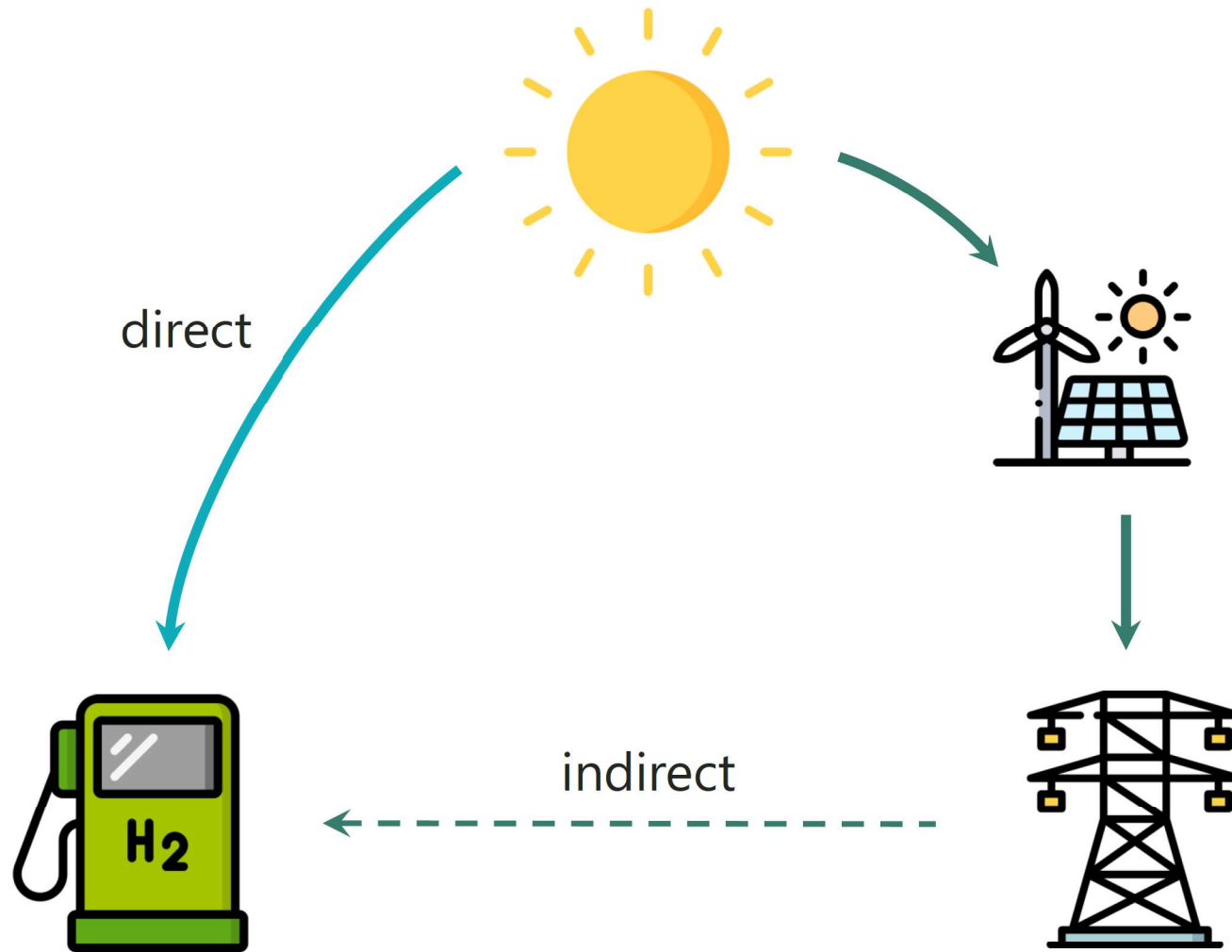
Electricity source of operational electrolyzers (MW & # of projects)



Source: Hydrogen Europe.

Let's use our largest renewable energy source more effectively

Solution



Solhyd hydrogen is **Golden Hydrogen**

Solution



No water needed



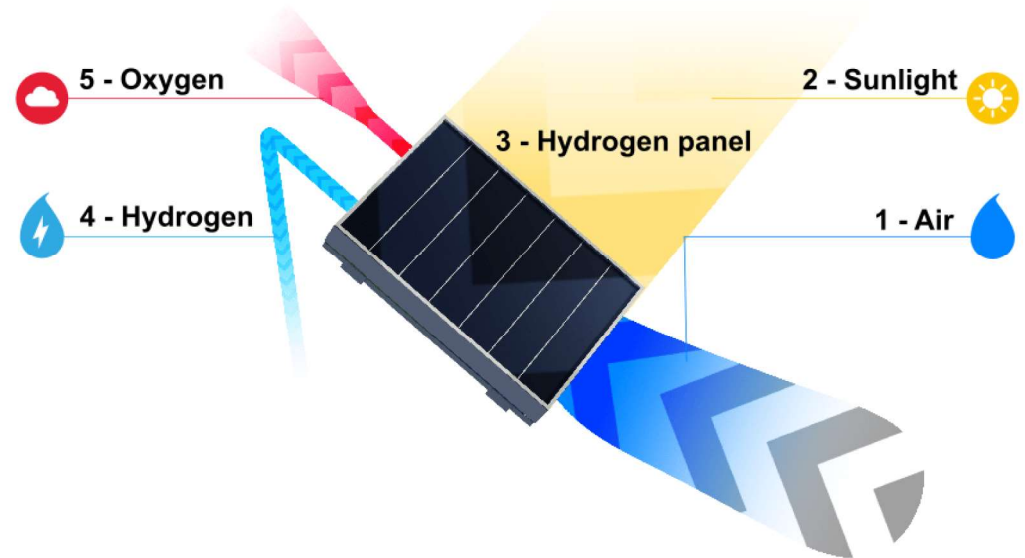
No electricity needed



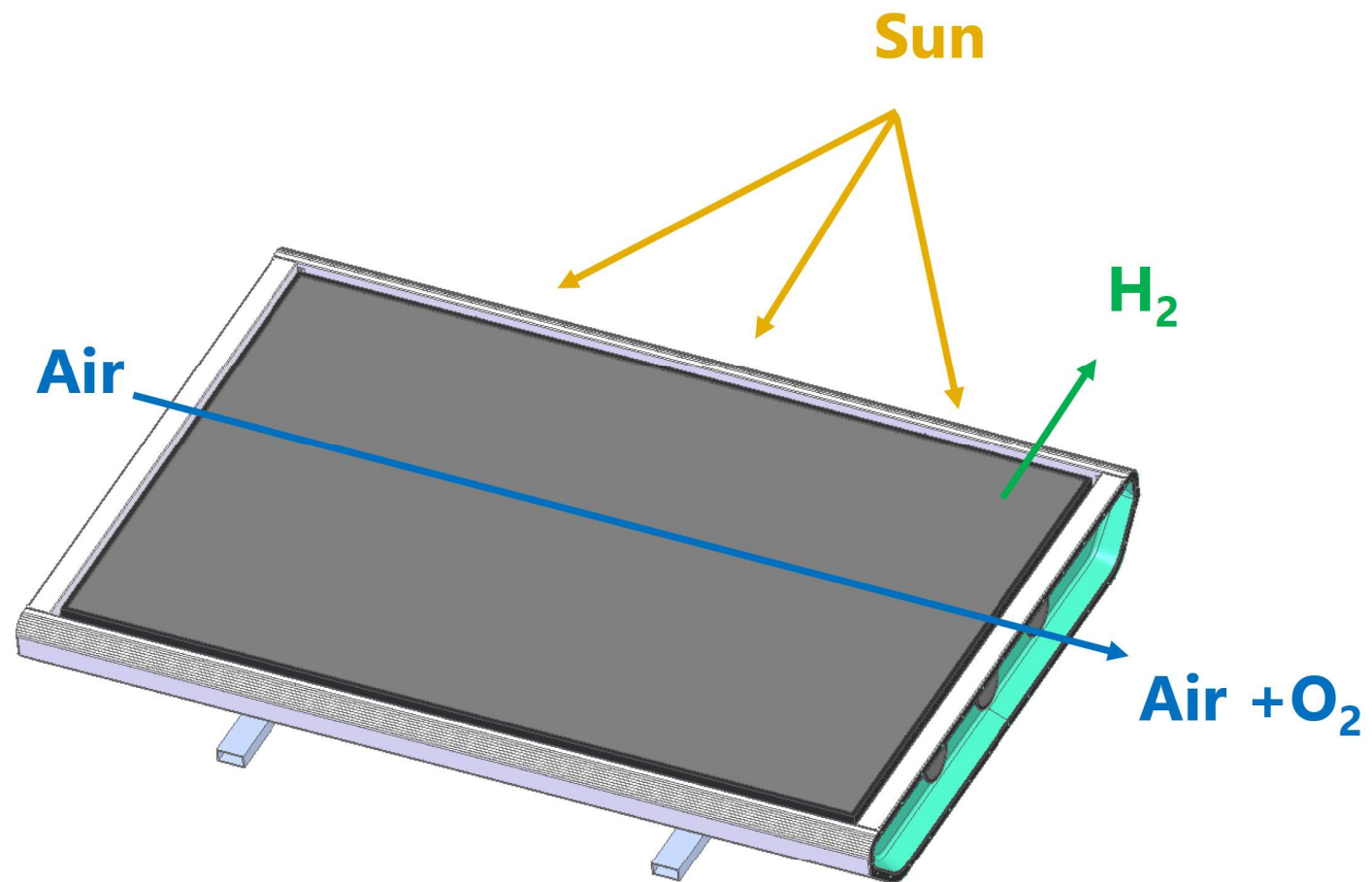
No noble metals

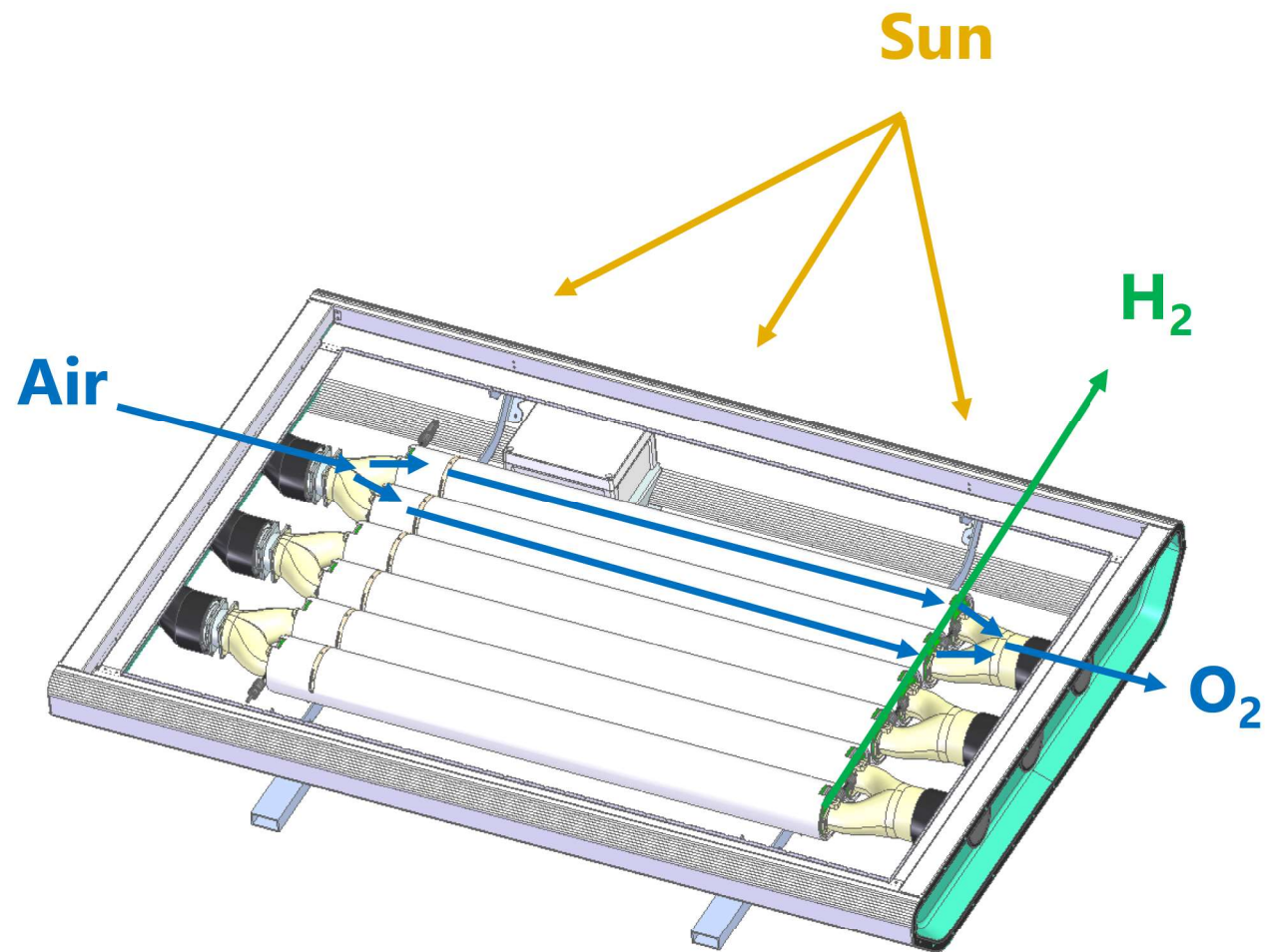


No PFAS



*Solhyd panels are the most efficient & affordable way
to convert solar energy into hydrogen*





Hydrogen, simplified.

Perfect matching with solar

No degradation issues, no minimal load

No water

No pumps, no purification, no contaminants, no frost

No grid

No copper, no rectifier, no additionality issues

Zero noble metals

No expensive materials, no supply chain issues

Autonomous operation

No energy management, no maintenance

Modular

No lock-in, no scaling limits



KU Leuven background

6 yr fundamental
research

5 yr applied
research

2022

Gen1 prototype

Batch production
line

2023

6 M€ capital
raised

Solhyd
established as
spin-off company



2024-2025

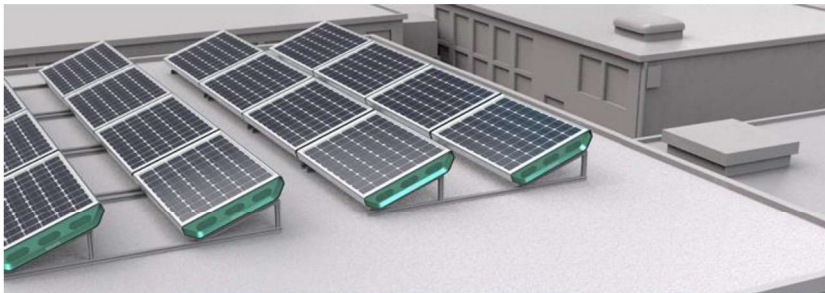
Expansion
Projects

2026-2027

Production scale-
up (MW scale)



Decentralized hydrogen production



- Local hydrogen production for:
- ✓ Power generators (engine / fuel cell)
 - ✓ Forklifts & logistics
 - ✓ Trucks & vans
 - ✓ Industrial heat
 - ✓ ...

1000 m² roof surface = 2000-4000 kg H₂/year
(67 MWh)

- 15-40 forklifts
- 4-10 delivery vans
- 1-2 trucks



More info:

solhyd.eu

jan.ronge@solhyd.eu