

PRODUCT INFORMATION SHEET
Hydrogen Power Generator GEH₂

GEH₂

100 kVA

THE ZERO-EMISSION HYDROGEN POWER GENERATOR

Produce your own emission-free
electricity at an affordable cost.

With the GEH₂ and its record energy
density, instantly get power from
100kVA to 1MVA.



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A design optimized
for the environment



- Energy source: Hydrogen (H2)
- Zero emissions
- Compact design
- Same use as diesel generators
- Low noise pollution
- Eco-design
- Optimized logistics and Plug & Play





GEH₂ Specifications

Performance

Output power	Cos phi = 1	Cos phi = 0.8
Prime Running Power (PRP)	80kW	100kVA
Emergency Stand-by Power (ESP) 1h	88kW	110kVA
Life span	13 000 hours	
Autonomy at 50% PRP (one V18 rack)	About 8 h	
Output voltage	230/400 V–50 Hz	
Neutral point	TT	

Easy to use

Connected and monitored	Included
Predictive maintenance and remote support	Included
HMI	Touch interface + optional remote interface
Operational continuity with double H ₂ adduction	Possibility to switch from one storage to the other while in operation
Ingress Protection	IP43
Operating temperature	- 5 to + 45°C
Frost protection	Integrated 230V plug
Handling/Lifting	Lifting eyes + forklift space
Idling and low load operation	No minimum operating power required
Compliance	ISO/CE Standards



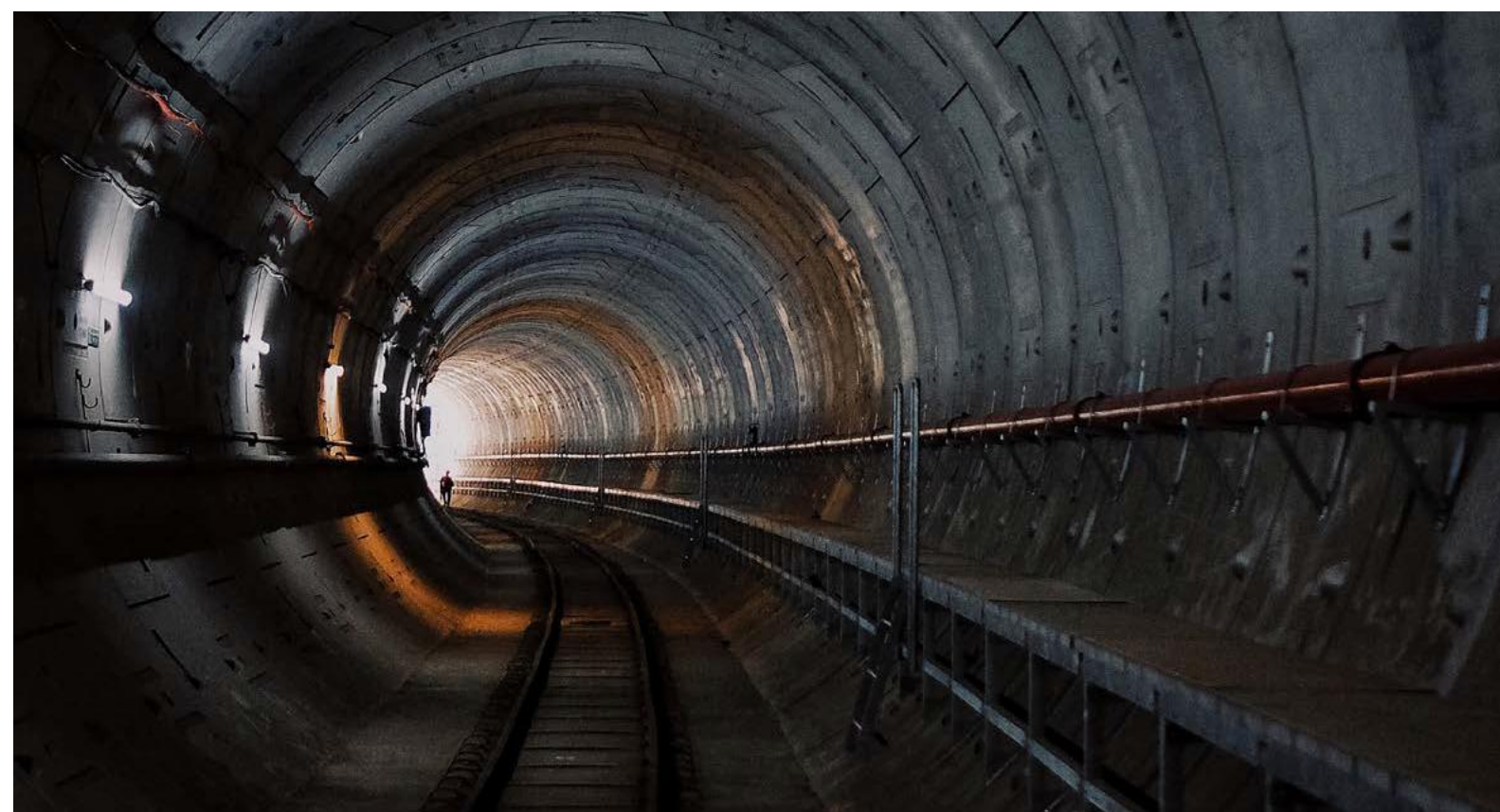
GEH₂ Applications

Isolated sites

(Scientific bases, living quarters, refuges, islands, relay antennas)

Sensitive or confined environments

(Tunnels, mines, confined spaces)

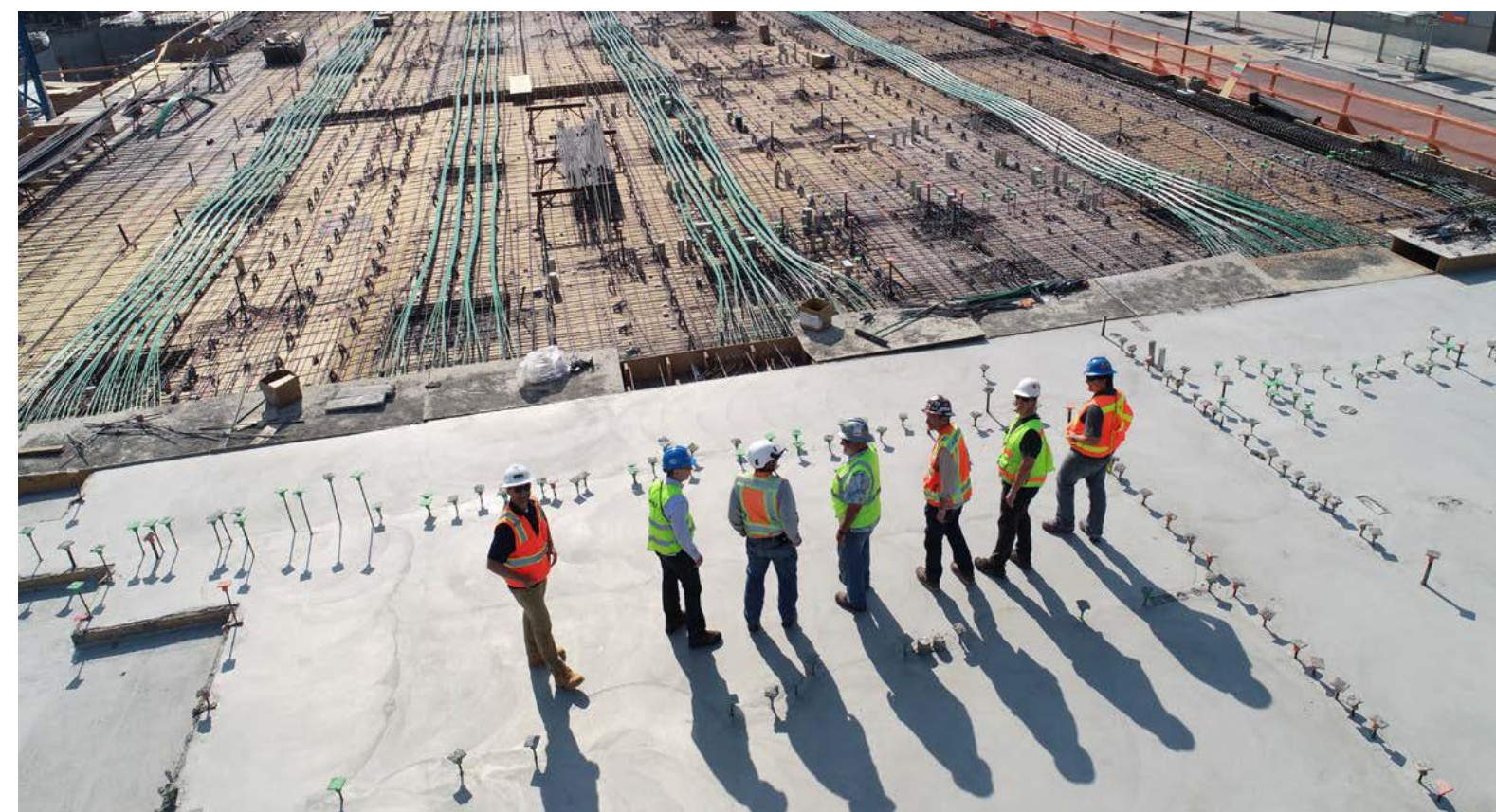
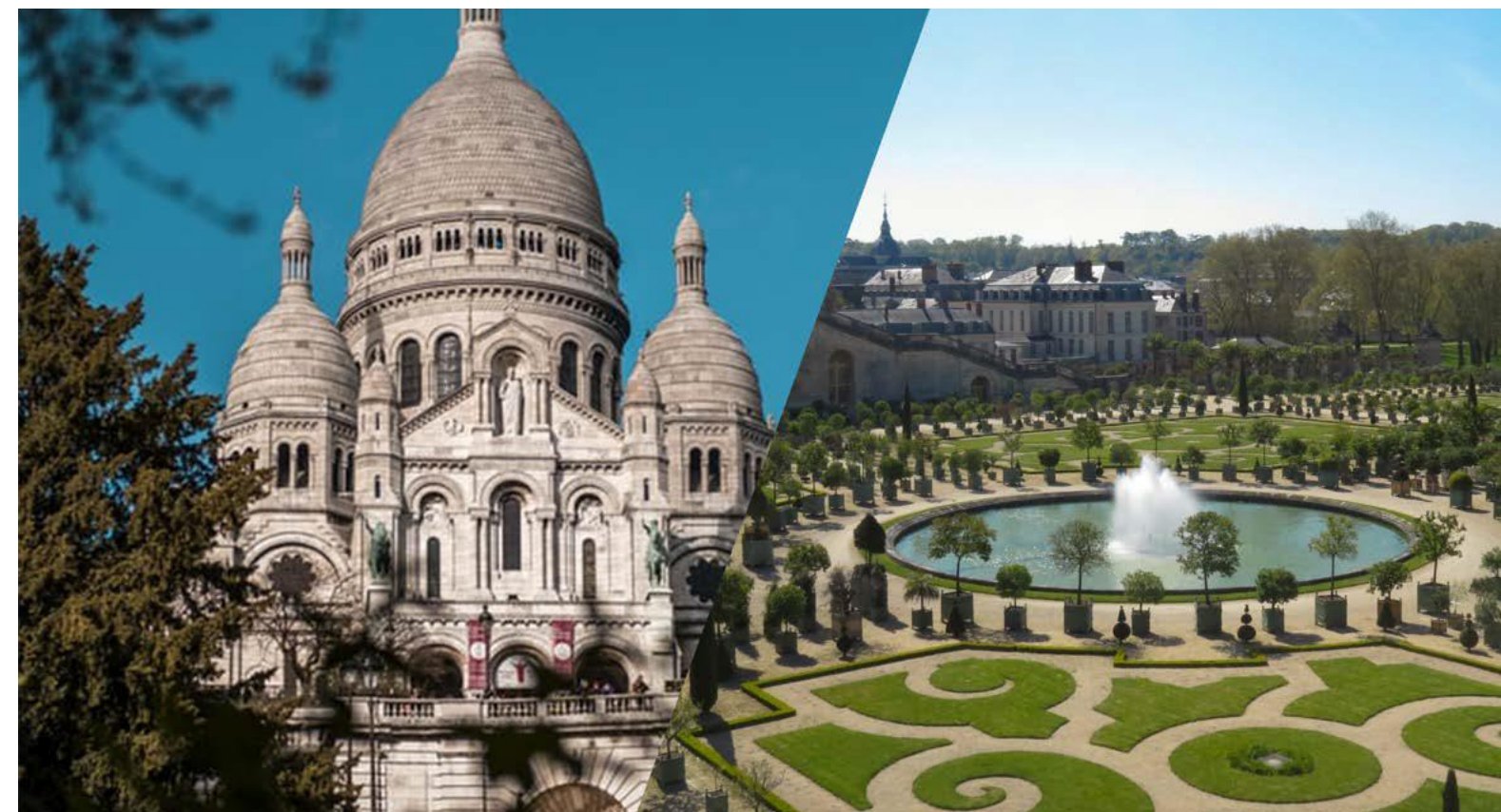


Protected and regulated areas

(Zero-emission zones)

Construction

(Off-grid or in city centers)

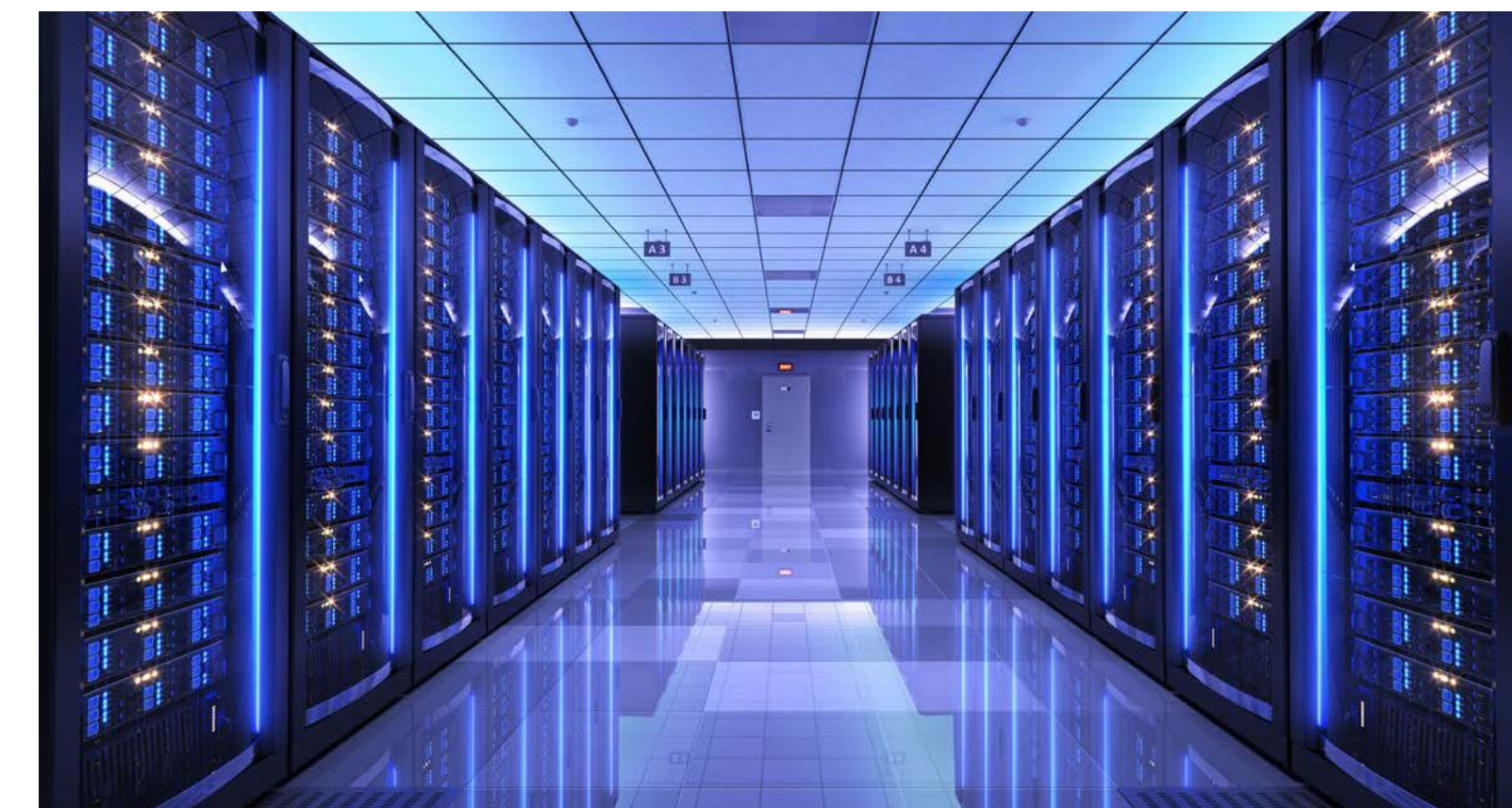


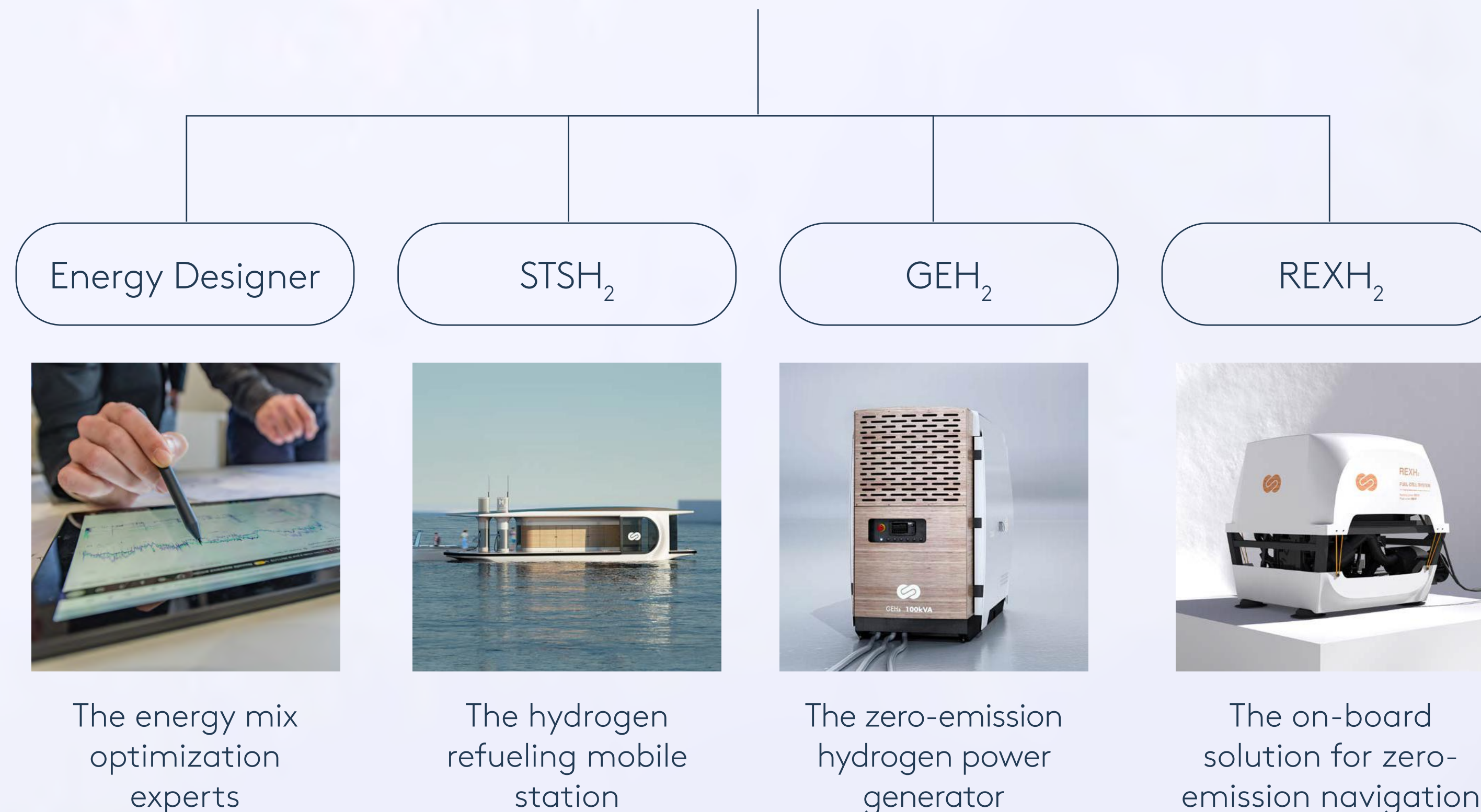
Events

(Concerts and temporary or sporting events)

Emergency applications

(Data centers, hospitals, airports, ports, banks)





FOR MORE INFORMATION

www.eo.dev

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