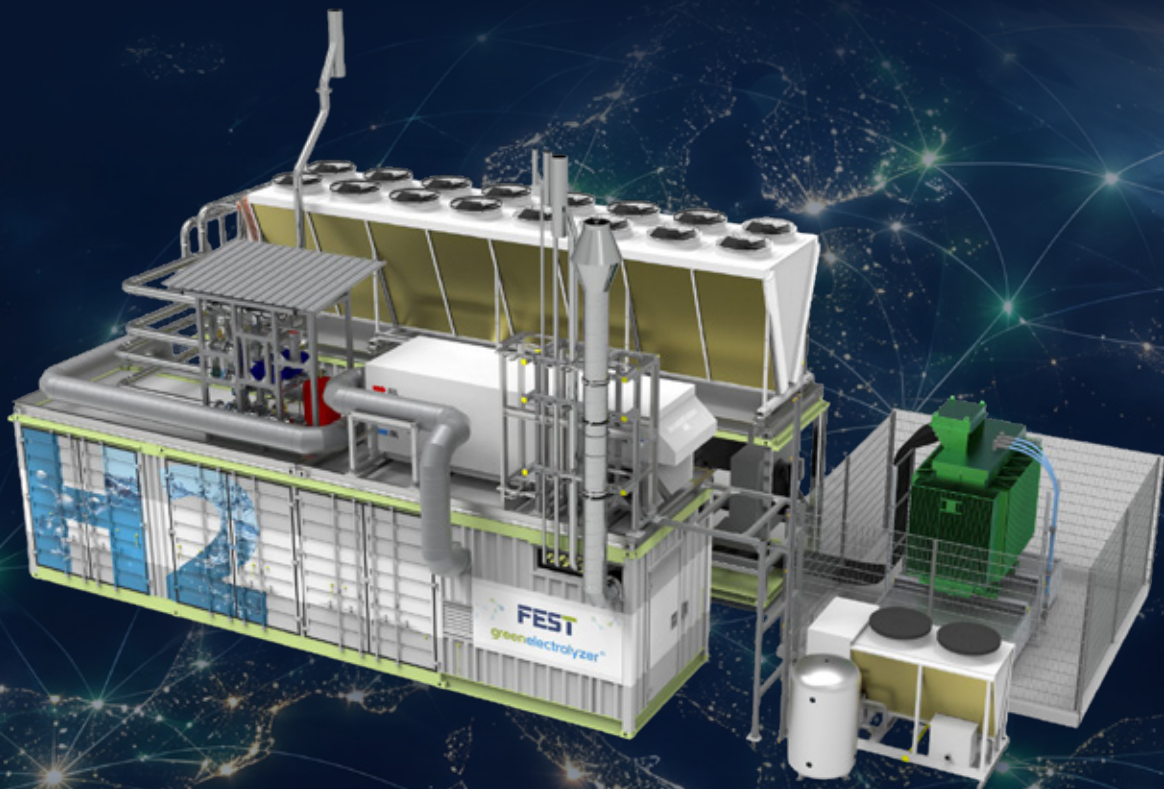


Proven Electrolyzer Expertise

Hydrogen Reference Projects Across Europe



60+

MW delivered

16

projects

1300+

tons H2 produced

21

gEL units

References

Updated October 2026



1

Strandmøllen AB – Ljungby / Sweden

Application:	Container/trailer filling for the refueling of heavy commercial vehicles
Product:	gEI600
Performance:	3 MW, 600 Nm ³ /h
Scope of delivery:	Electrolyzer system
Commissioning:	Q3 2023



2

Norwegian Hydrogen AS – Hellesylt / Norway

Application:	Trailerfilling, Refueling Station
Product:	gEI600
Performance:	3 MW, 600 Nm ³ /h
Scope of delivery:	Electrolyzer system, trailer filling, HRS, heat recovery unit
Commissioning:	Q2 2024



3

Wiener Wasserstoff GmbH – Vienna / Austria

Application:	Energy source and fuel for city buses with fuel cell electric drive
Product:	gEI600
Performance:	3 MW, 600 Nm ³ /h
Scope of delivery:	Electrolyzer system, trailer filling, HRS
Commissioning:	Q2 2024



4

AWG Wuppertal – Wuppertal / Germany

Application:	Refueling of buses
Product:	gEI400
Performance:	2 MW, 400 Nm ³ /h
Scope of delivery:	Electrolyzer system, trailer filling, HRS
Commissioning:	Q2 2024





5

Infraserv GmbH & Co. Höchst KG – Frankfurt / Germany

Application: Refueling trains with fuel cell drives
Product: 2 x gEL300
Performance: 2 x 2.5 MW, 1000 Nm³/h
Scope of delivery: 2 Electrolyzer systems, local plant grid integration
Commissioning: Q2 2024



6

Turneo GmbH – Cuxhaven / Germany

Application: Container/trailer filling for maritime HRS
Product: gEL400
Performance: 2 MW, 400 Nm³/h
Scope of delivery: Electrolyzer system, trailer filling
Commissioning: Q4 2023



7

ABO Energy – Hünfeld-Michelsrömbach / Germany

Application: Refueling of trucks and buses
Product: gEL 400 + gEL 600
Performance: 2 + 3 MW, 1000 Nm³/h
Scope of delivery: 2 Electrolyzer systems
Commissioning: Q2 2025



8

Robert Bosch GmbH – Bamberg / Germany

Application: Outdoor electrolysis system, factory H₂ supply, endurance testing of mobile fuel-cell stacks
Product: gEL500
Performance: 2,5 MW, 500 Nm³/h
Scope of delivery: Electrolyzer system
Commissioning: Q4 2025



Picture: Bosch

References

Updated October 2026



9

Stadtwerke Düsseldorf AG – Düsseldorf / Germany

Application: Refueling cars and trucks

Product: gEI400

Performance: 2 MW, 400 Nm³/h

Scope of delivery: Electrolyzer system

Commissioning: Q3 2026



10

Stadtwerke Stuttgart GmbH – Stuttgart / Germany

Application: Green hydrogen supply via pipeline and trailer for industrial and mobility applications

Product: 3 x gEI600

Performance: 3 x 3 MW, 600 Nm³/h

Scope of delivery: 3 Electrolyzer systems, trailer filling, HRS, heat recovery unit, gas grid integration

Commissioning: Q1 2027



11

Kelag – Villach, Kärnten / Austria

Application: Supply of Carinthia's bus fleet

Product: gEI400

Performance: 2 MW, 400 Nm³/h

Scope of delivery: Electrolyzer system

Commissioning: Q1 2026



12

Entega AG Darmstadt – Darmstadt / Germany

Application: Mobility applications, regional distribution

Product: gEI600

Performance: 3 MW, 600 Nm³/h

Scope of delivery: Electrolyzer system, trailer filling

Commissioning: Q1 2027





13

AAK – Karlshamn / Sweden

Application: Industrial hydrogen supply for vegetable oil processing
Product: gEI600
Performance: 3 MW, 600 Nm³/h
Scope of delivery: Electrolyzer system

Commissioning: Q3 2026



14

Tyczka – Schweinfurt / Germany

Application: Green hydrogen production for regional mobility and industrial supply
Product: 2 x gEI600
Performance: 2 x 3 MW, 1200 Nm³/h
Scope of delivery: Electrolyzer system, heat recovery unit

Commissioning: Q4 2026



15

Not Disclosed – Aitrach / Germany

Application: Green hydrogen production and regional distribution
Product: gEI1000
Performance: 5 MW, 1000 Nm³/h
Scope of delivery: Electrolyzer system, trailer filling

Commissioning: Q4 2027



16

Not Disclosed – Markt Indersdorf / Germany

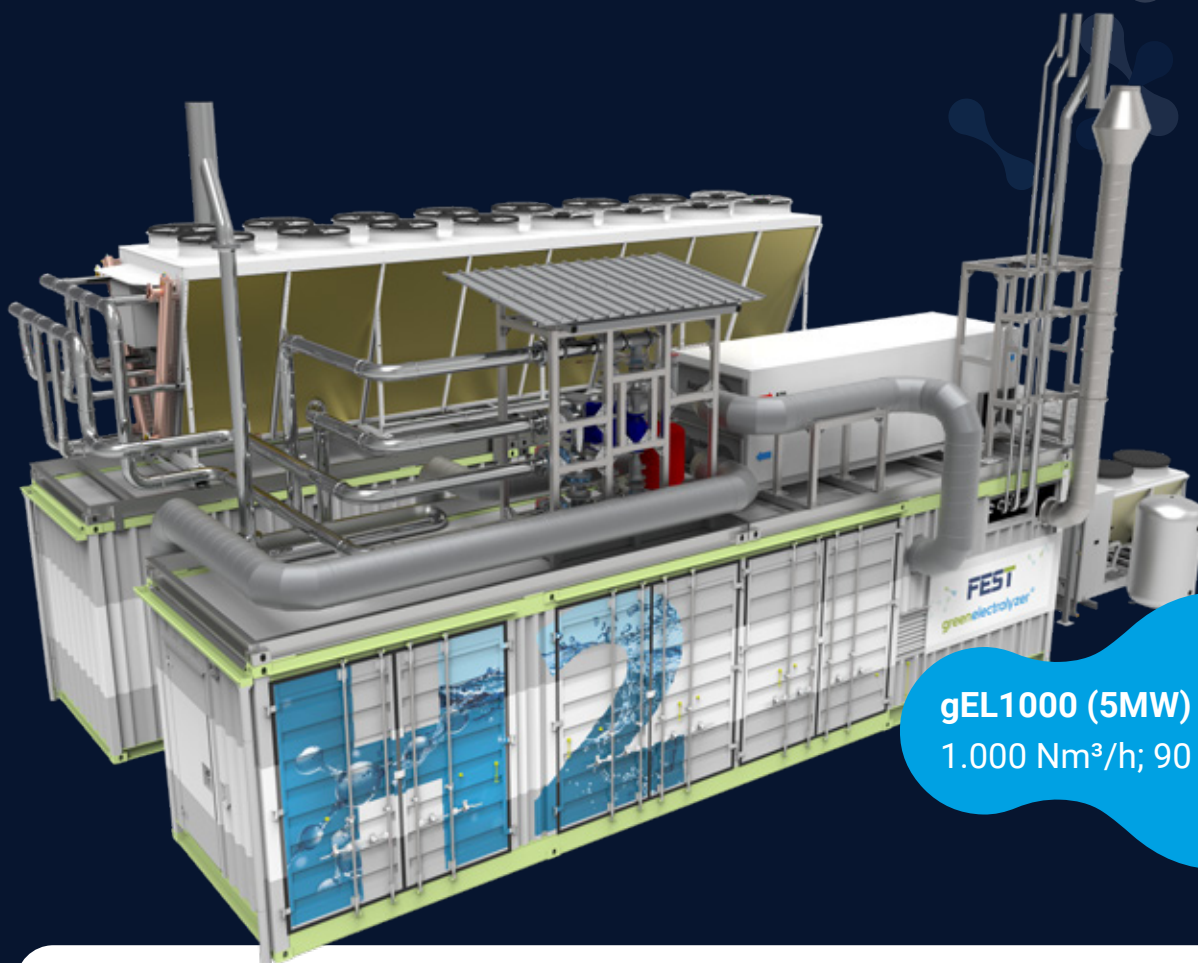
Application: Green hydrogen production for gas grid integration
Product: gEI1000
Performance: 5 MW, 1000 Nm³/h
Scope of delivery: Electrolyzer system, gas grid integration

Commissioning: Q4 2027



greenelectrolyzer[®]

gEL400 | gEL500 | gEL600 | gEL1000



gEL1000 (5MW)
1.000 Nm³/h; 90 kg/h H₂

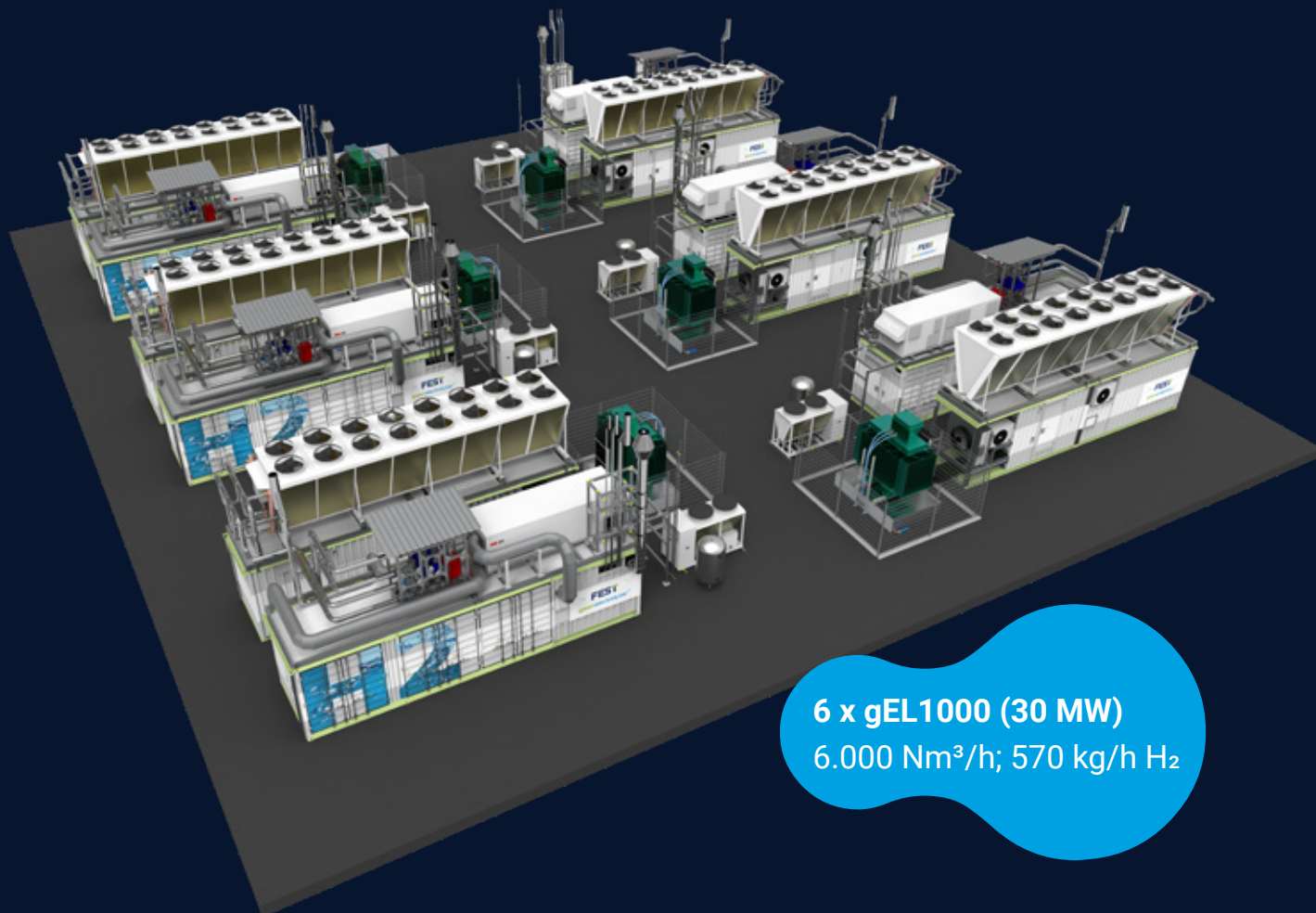
The **greenelectrolyzer[®]**-series combines standardized, modular, and containerized electrolysis systems with a capacity of 2–5 MW, including power supply, water treatment, a transformer, H₂ purification, and control systems.

	gEL500	gEL400 / gEL600	gEL1000
Rated power	2,5 MW	2 MW / 3 MW	5 MW
Flow rate (Nm³/h)	500	400 / 600	1000
Max. H₂-production rate [kg/h]/[kg/day]	45/1080	36/864 / 54/1296	90/2160
Quality	99,999 % vol (5.0) or DIN EN 17124:2019		
Size	2x40' + recoolers + 2x chiller	2x40' + recoolers + 2x chiller	1x40' + 3x20' + transformer + recoolers + 3x chiller
Control range	20–100 %		
Response time	load change in the control range per % load change: upwards 1%/s, downwards 5%/s		
Availability	> 95 %		
Stack-Technology	Bosch	Plug Power	Bosch

www.fest-group.de

The next level of scale
2-50 MW

FEST



6 x gEL1000 (30 MW)
6.000 Nm³/h; 570 kg/h H₂

+ Designed for Scale

Modular, standardized plant architecture

+ Engineered for Reliability

Reduced system complexity

+ Built for Industrial Operations

Advanced safety architecture

+ Optimized for Maximum Performance

High efficiency under real operating conditions

Hybrion PEM Electrolysis Stacks by



BOSCH

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Continuous implementation of hydrogen projects across Europe

21 gEL
units

60,5 MW
total

